

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
 Data File : VY007968.D
 Acq On : 21 Mar 2022 20:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 22 03:42:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/22/2022
 Supervised By : Mahesh Dadoda 03/22/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	215442	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	387475	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	346438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	169919	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	128951	52.495	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.000%			
35) Dibromofluoromethane	7.716	113	135290	49.717	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.440%			
50) Toluene-d8	10.179	98	462372	57.112	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 114.220%			
62) 4-Bromofluorobenzene	12.483	95	178663	45.747	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 91.500%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	65157	46.079	ug/l	100
3) Chloromethane	2.113	50	99976	58.613	ug/l	94
4) Vinyl Chloride	2.247	62	131343	61.101	ug/l	100
5) Bromomethane	2.643	94	97840	69.909	ug/l	99
6) Chloroethane	2.790	64	94391	53.575	ug/l	100
7) Trichlorofluoromethane	3.125	101	185984	47.084	ug/l	95
8) Diethyl Ether	3.521	74	72092	49.176	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.893	101	122619	48.061	ug/l	90
10) Methyl Iodide	4.088	142	113060	47.940	ug/l	91
11) Tert butyl alcohol	4.948	59	76435	267.095	ug/l #	95
12) 1,1-Dichloroethene	3.869	96	106359	45.465	ug/l	84
13) Acrolein	3.729	56	16262	94.348	ug/l	99
14) Allyl chloride	4.478	41	194868	49.524	ug/l #	92
15) Acrylonitrile	5.161	53	213591	273.388	ug/l	97
16) Acetone	3.942	43	150534	231.002	ug/l	91
17) Carbon Disulfide	4.192	76	226390	50.847	ug/l	100
18) Methyl Acetate	4.472	43	89266	58.541	ug/l #	91
19) Methyl tert-butyl Ether	5.216	73	396054	53.972	ug/l	97
20) Methylene Chloride	4.710	84	145841	58.478	ug/l	88
21) trans-1,2-Dichloroethene	5.216	96	125535	47.932	ug/l	86
22) Diisopropyl ether	6.118	45	464049	54.817	ug/l #	94
23) Vinyl Acetate	6.057	43	1520264	286.725	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	257765	54.059	ug/l	99
25) 2-Butanone	6.984	43	266667	255.476	ug/l #	86
26) 2,2-Dichloropropane	6.978	77	222053	50.246	ug/l	94
27) cis-1,2-Dichloroethene	6.984	96	164272	52.256	ug/l	89
28) Bromochloromethane	7.332	49	106667	56.636	ug/l	90
29) Tetrahydrofuran	7.344	42	176107	263.314	ug/l #	87
30) Chloroform	7.502	83	275890	55.978	ug/l	98
31) Cyclohexane	7.783	56	197071	55.725	ug/l	94
32) 1,1,1-Trichloroethane	7.697	97	234010	52.717	ug/l	96
36) 1,1-Dichloropropene	7.917	75	182888	45.314	ug/l	98
37) Ethyl Acetate	7.069	43	120345	48.867	ug/l #	94
38) Carbon Tetrachloride	7.899	117	200769	46.552	ug/l	99
39) Methylcyclohexane	9.179	83	221281	49.465	ug/l	90
40) Benzene	8.155	78	557515	47.270	ug/l	96

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Manual Integrations APPROVED

Reviewed By : John Carlone 03/22/2022
 Supervised By : Mahesh Dadoda 03/22/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	80301m	52.872	ug/l	
42) 1,2-Dichloroethane	8.234	62	170870	50.037	ug/l	92
43) Isopropyl Acetate	8.270	43	233558	49.193	ug/l #	92
44) Trichloroethene	8.935	130	147707	45.290	ug/l	93
45) 1,2-Dichloropropane	9.215	63	150937	49.424	ug/l	92
46) Dibromomethane	9.301	93	88954	49.791	ug/l	91
47) Bromodichloromethane	9.496	83	217630	50.424	ug/l	99
48) Methyl methacrylate	9.289	41	99556	47.138	ug/l #	86
49) 1,4-Dioxane	9.289	88	25521	1008.667	ug/l #	89
51) 4-Methyl-2-Pentanone	10.069	43	614421	245.627	ug/l	90
52) Toluene	10.246	92	361139	47.679	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	222033	48.224	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	246898	48.087	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	131556	50.685	ug/l	97
56) Ethyl methacrylate	10.508	69	180458	48.429	ug/l #	82
57) 1,3-Dichloropropane	10.788	76	216421	50.000	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	451035	246.746	ug/l	95
59) 2-Hexanone	10.831	43	418194	233.784	ug/l	88
60) Dibromochloromethane	10.983	129	154426	49.677	ug/l	99
61) 1,2-Dibromoethane	11.087	107	122524	48.795	ug/l	100
64) Tetrachloroethene	10.721	164	115236	42.746	ug/l	97
65) Chlorobenzene	11.514	112	403655	48.640	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	156311	50.026	ug/l	97
67) Ethyl Benzene	11.593	91	712644	48.207	ug/l	98
68) m/p-Xylenes	11.703	106	547815	94.998	ug/l	93
69) o-Xylene	12.026	106	269383	48.295	ug/l	94
70) Styrene	12.044	104	465806	49.670	ug/l	96
71) Bromoform	12.209	173	93705	46.821	ug/l #	99
73) Isopropylbenzene	12.331	105	725754	48.524	ug/l	100
74) N-amyl acetate	12.142	43	212628	48.186	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	162553	50.490	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	116128m	47.949	ug/l	
77) Bromobenzene	12.611	156	160285	46.897	ug/l	96
78) n-propylbenzene	12.672	91	867336	48.024	ug/l	99
79) 2-Chlorotoluene	12.757	91	494271	48.643	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	590571	48.015	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	53344	46.263	ug/l #	85
82) 4-Chlorotoluene	12.855	91	508810	48.202	ug/l	99
83) tert-Butylbenzene	13.074	119	544457	49.466	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	584917	48.512	ug/l	99
85) sec-Butylbenzene	13.251	105	809056	49.048	ug/l	99
86) p-Isopropyltoluene	13.367	119	647206	48.330	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	324344	48.591	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	323978	48.426	ug/l	98
89) n-Butylbenzene	13.696	91	619641	48.216	ug/l	99
90) Hexachloroethane	13.958	117	132207	49.462	ug/l	79
91) 1,2-Dichlorobenzene	13.739	146	295359	49.193	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	25271	45.626	ug/l	86
93) 1,2,4-Trichlorobenzene	15.007	180	165781	43.679	ug/l	97
94) Hexachlorobutadiene	15.111	225	83788	41.379	ug/l	100
95) Naphthalene	15.233	128	395747	46.734	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	146855	43.869	ug/l	98

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ClientSampleId :
VSTDCCC050

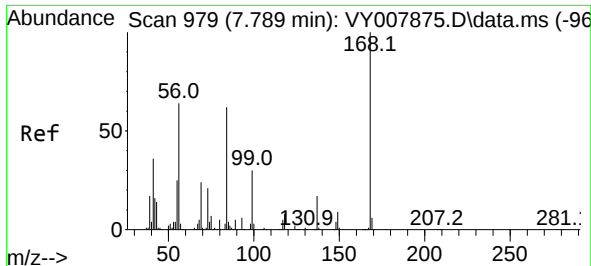
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

Quant Time: Mar 22 03:42:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 13:55:34 2022
Response via : Initial Calibration

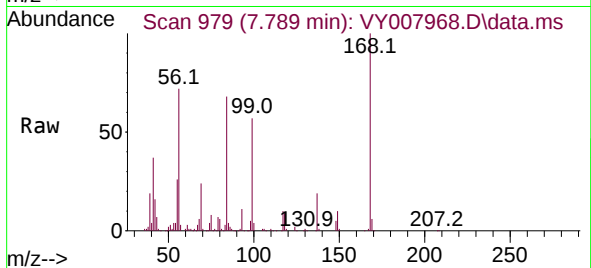
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007968.D
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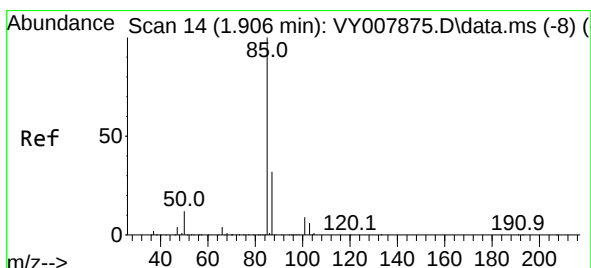
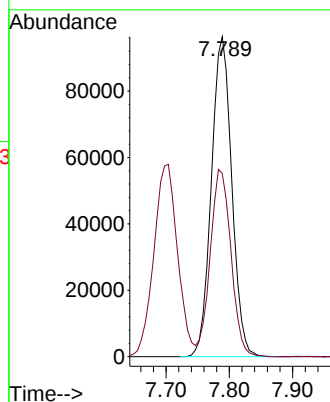
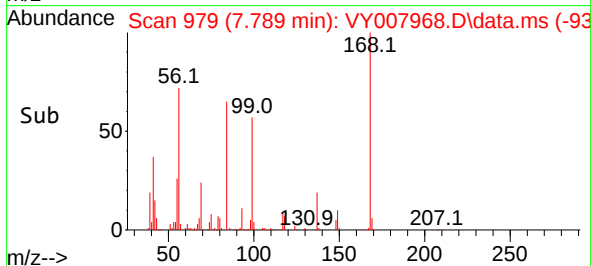
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 21544
Ion Ratio Lower Upper
168 100
99 57.2 46.9 70.3

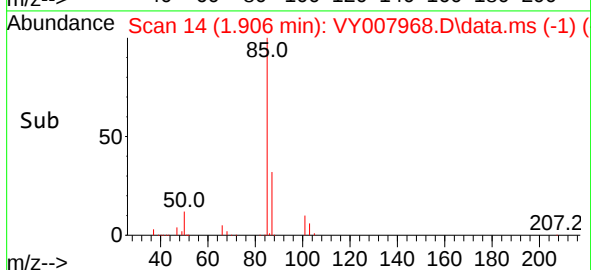
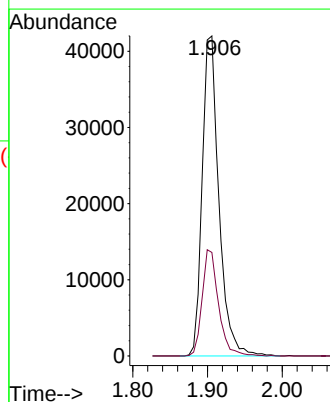
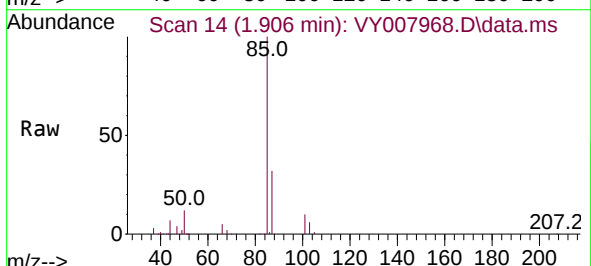
Manual Integrations
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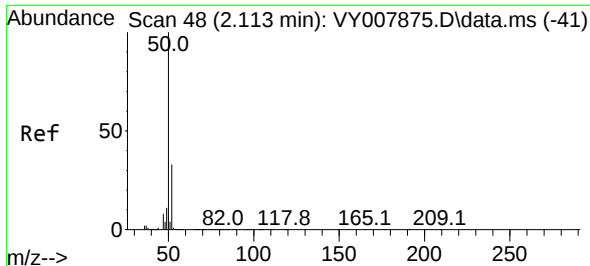
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#2
Dichlorodifluoromethane
Concen: 46.079 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50

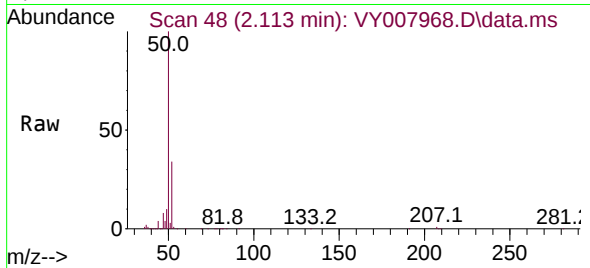
Tgt Ion: 85 Resp: 65157
Ion Ratio Lower Upper
85 100
87 32.4 16.1 48.2





#3
Chloromethane
Concen: 58.613 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50

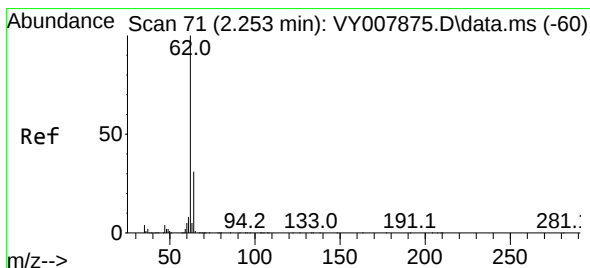
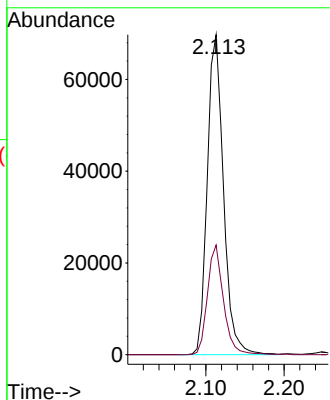
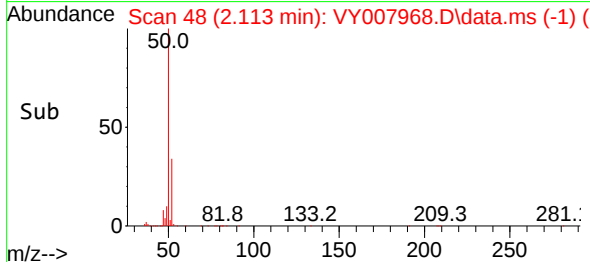
Instrument :
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ClientSampleId :
VSTDCCC050



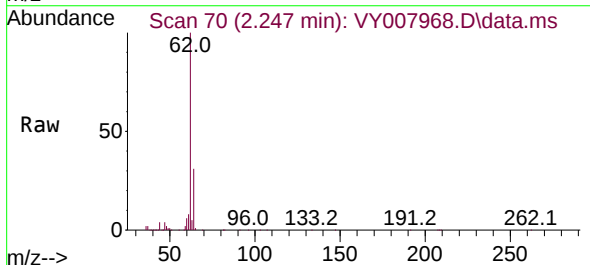
Tgt Ion: 50 Resp: 99970
Ion Ratio Lower Upper
50 100
52 34.2 24.6 37.0

Manual Integrations
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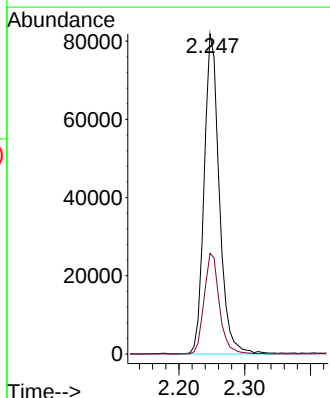
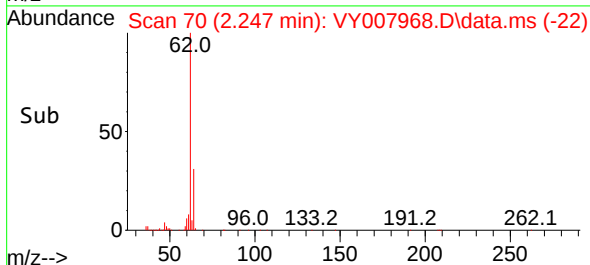
Reviewed By :John Carlone 03/22/2022
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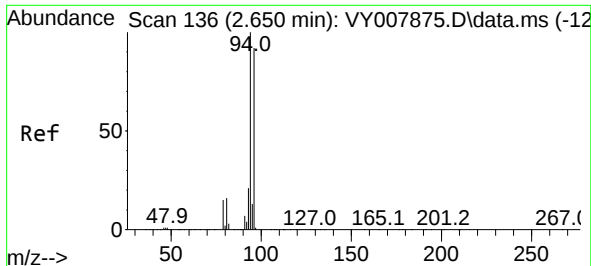


#4
Vinyl Chloride
Concen: 61.101 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50



Tgt Ion: 62 Resp: 131343
Ion Ratio Lower Upper
62 100
64 31.5 25.0 37.6





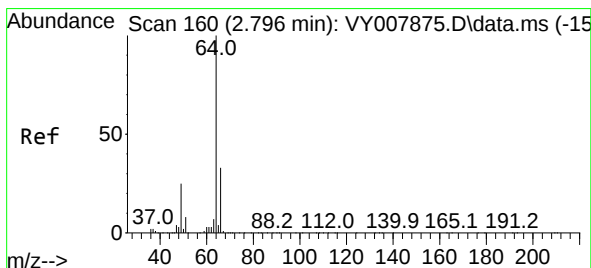
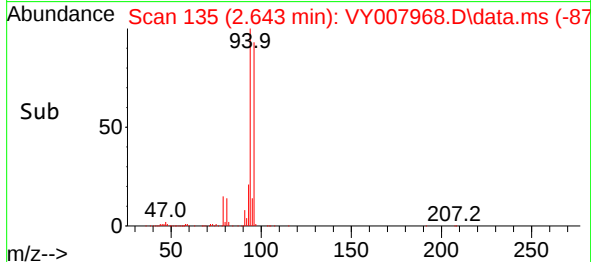
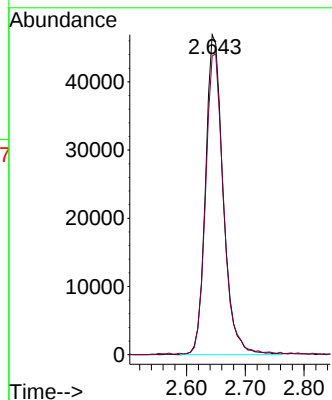
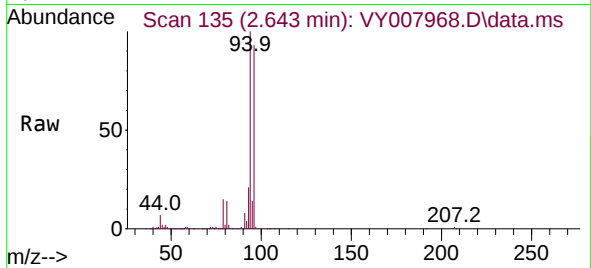
#5
Bromomethane
Concen: 69.909 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50

Instrument :
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Tgt Ion: 94 Resp: 97840
Ion Ratio Lower Upper
94 100
96 92.9 73.5 110.3

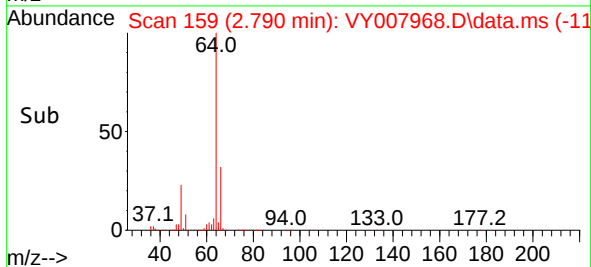
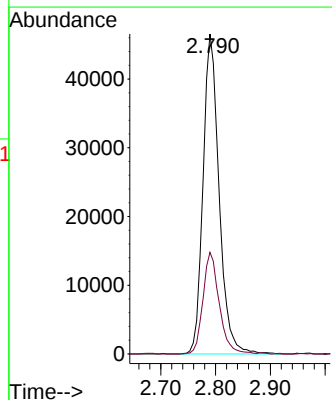
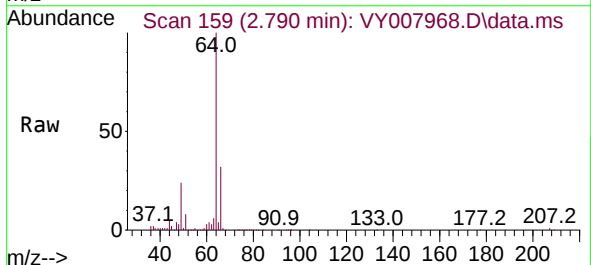
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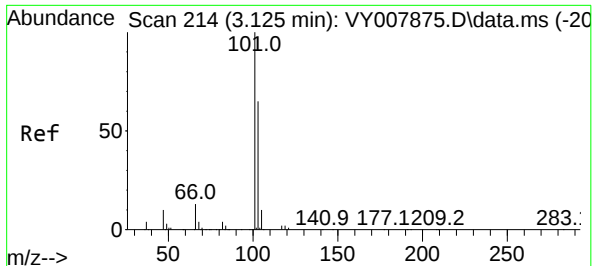
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#6
Chloroethane
Concen: 53.575 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY007968.D
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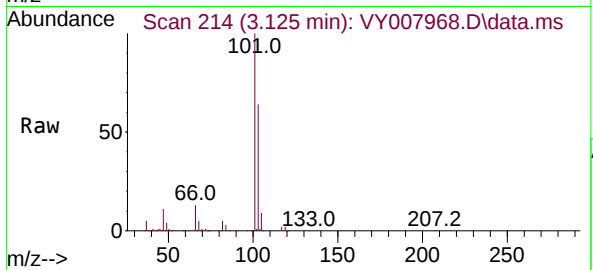
Tgt Ion: 64 Resp: 94391
Ion Ratio Lower Upper
64 100
66 31.7 25.4 38.0





#7
Trichlorofluoromethane
Concen: 47.084 ug/l
RT: 3.125 min Scan# 214
Delta R.T. -0.000 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50

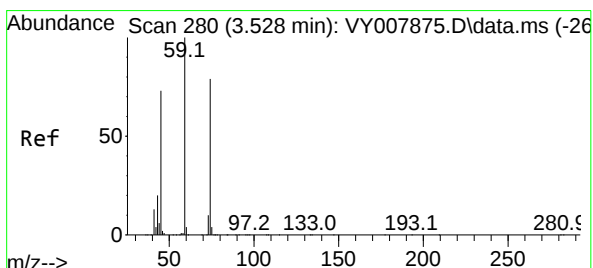
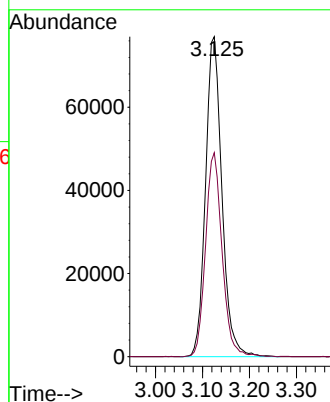
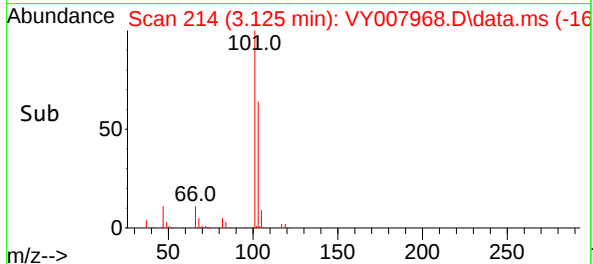
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



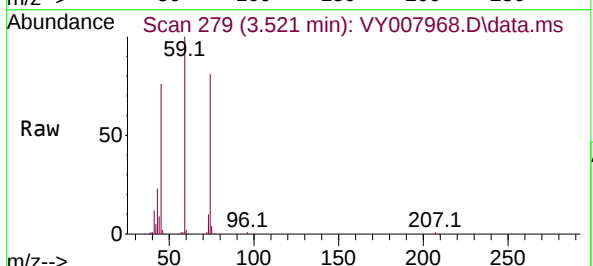
Tgt Ion:101 Resp: 185984
Ion Ratio Lower Upper
101 100
103 63.8 48.0 72.0

Manual Integrations
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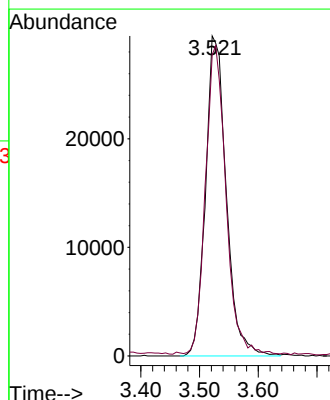
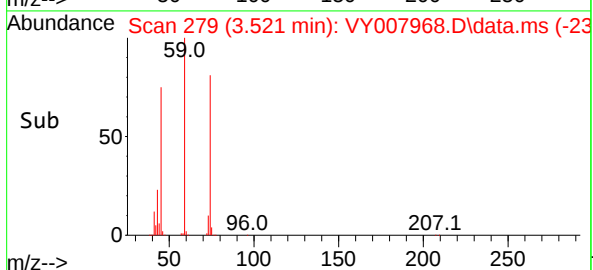
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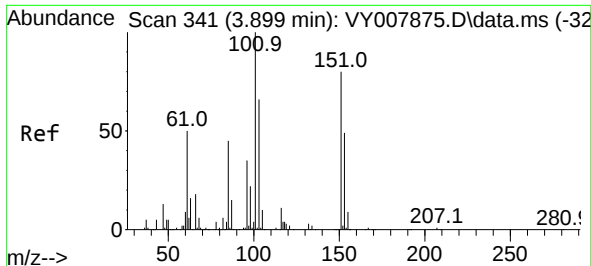


#8
Diethyl Ether
Concen: 49.176 ug/l
RT: 3.521 min Scan# 279
Delta R.T. -0.006 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50



Tgt Ion: 74 Resp: 72092
Ion Ratio Lower Upper
74 100
45 94.4 55.1 165.5





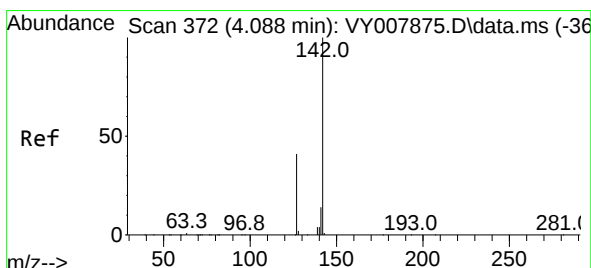
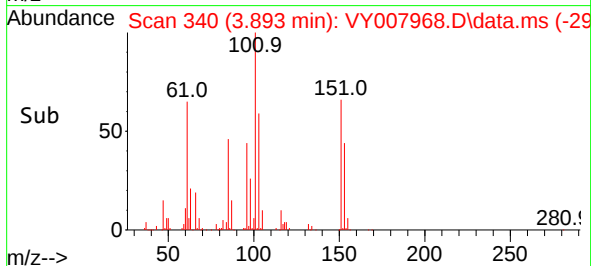
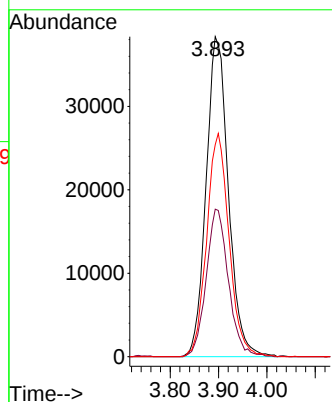
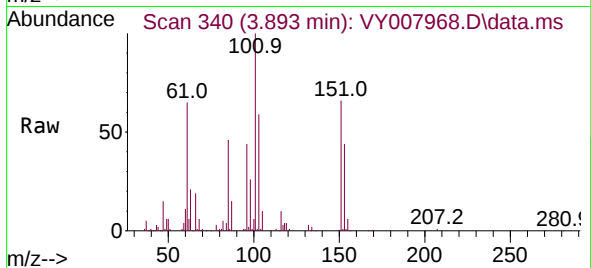
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.061 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 122619
Ion Ratio Lower Upper
101 100
85 46.0 40.6 60.8
151 70.1 64.9 97.3

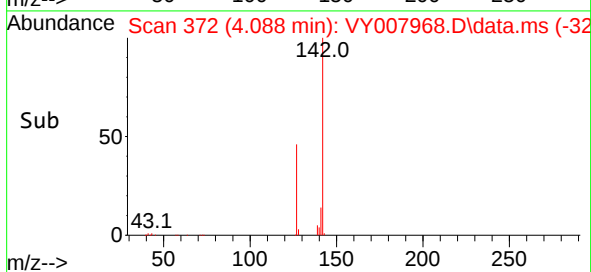
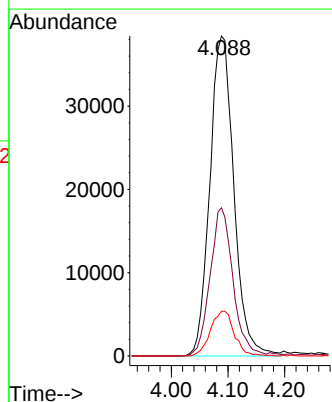
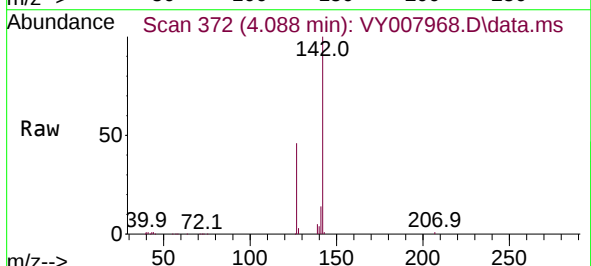
Manual Integrations
APPROVED

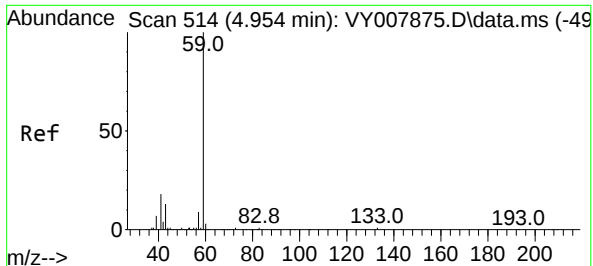
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#10
Methyl Iodide
Concen: 47.940 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.000 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50

Tgt Ion:142 Resp: 113060
Ion Ratio Lower Upper
142 100
127 44.0 41.5 62.3
141 13.9 11.9 17.9





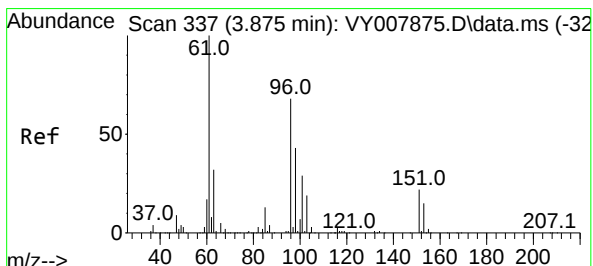
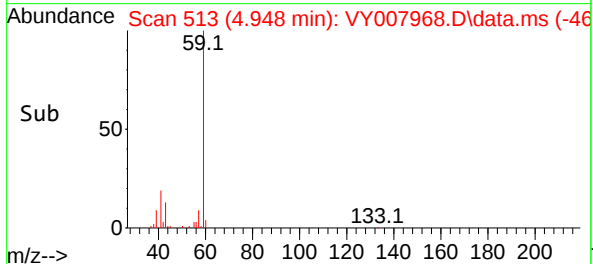
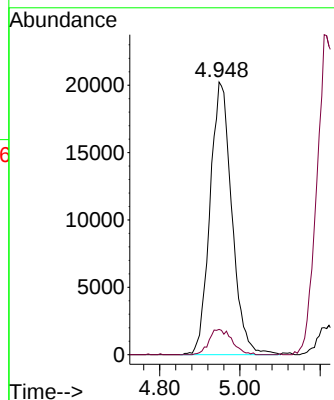
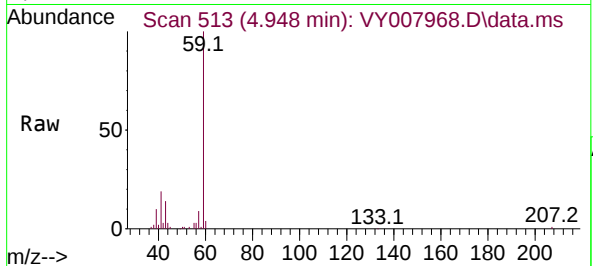
#11
Tert butyl alcohol
Concen: 267.095 ug/l
RT: 4.948 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 76435
Ion Ratio Lower Upper
59 100
57 9.8 6.4 9.6

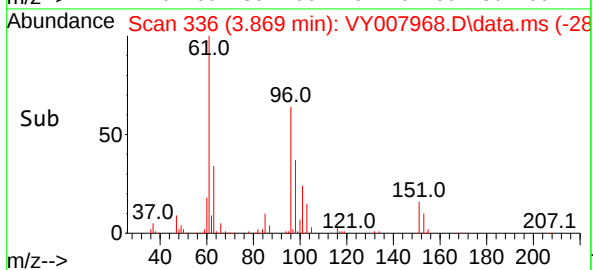
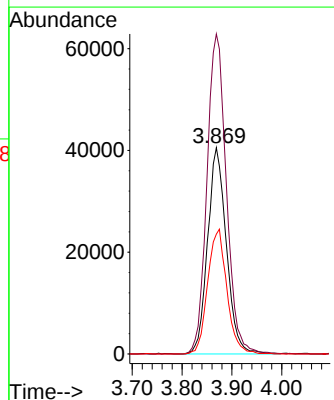
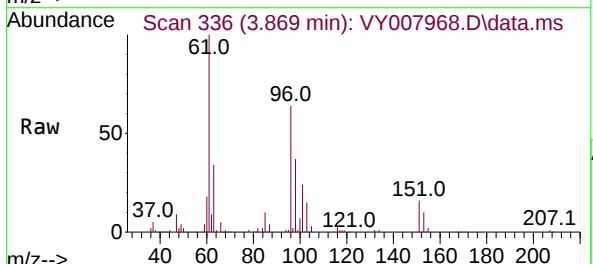
Manual Integrations
APPROVED

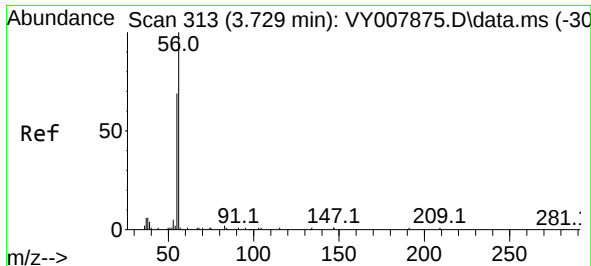
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#12
1,1-Dichloroethene
Concen: 45.465 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50

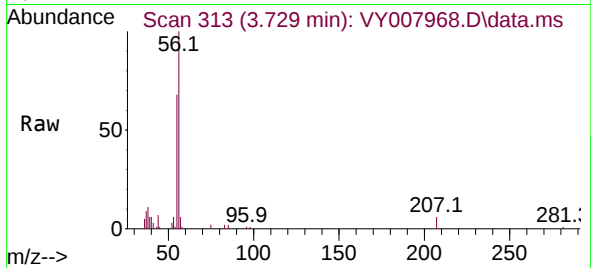
Tgt Ion: 96 Resp: 106359
Ion Ratio Lower Upper
96 100
61 155.1 145.8 218.6
98 58.1 52.5 78.7





#13
Acrolein
Concen: 94.348 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50

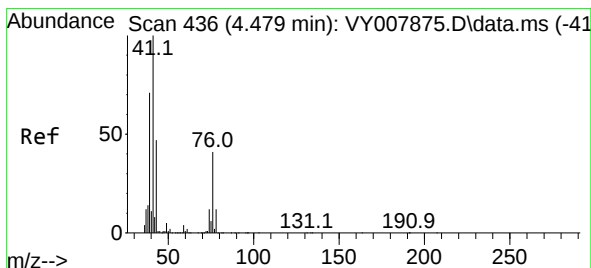
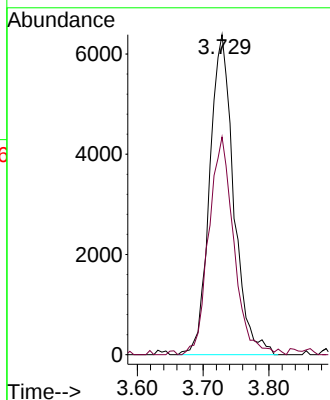
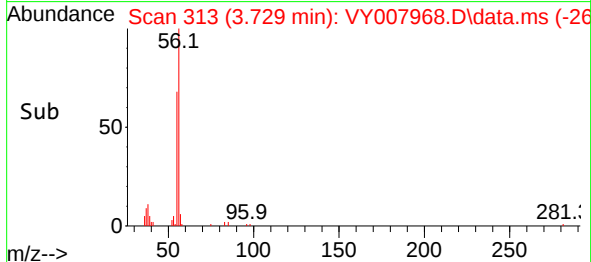
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 1626
Ion Ratio Lower Upper
56 100
55 71.1 57.6 86.4

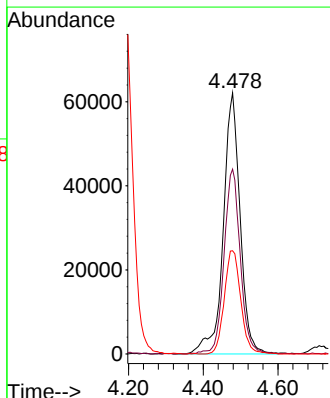
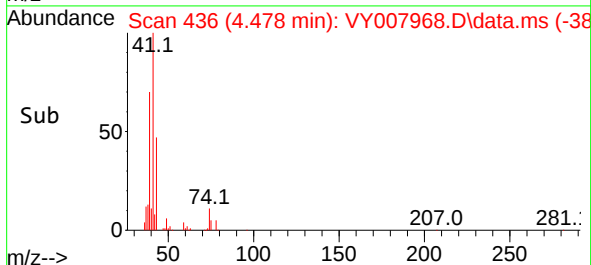
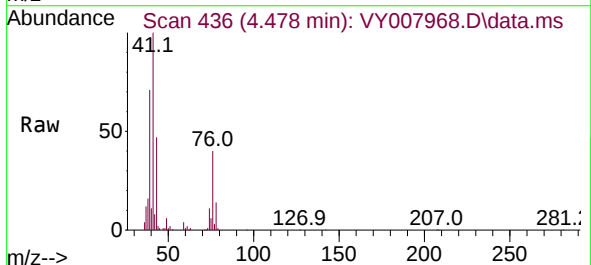
Manual Integrations
APPROVED

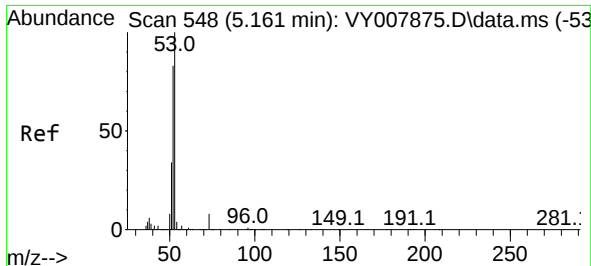
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#14
Allyl chloride
Concen: 49.524 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50

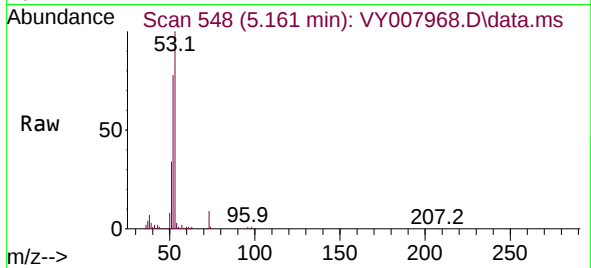
Tgt Ion: 41 Resp: 194868
Ion Ratio Lower Upper
41 100
39 68.4 58.8 88.2
76 38.6 25.1 37.7#





#15
Acrylonitrile
Concen: 273.388 ug/l
RT: 5.161 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50

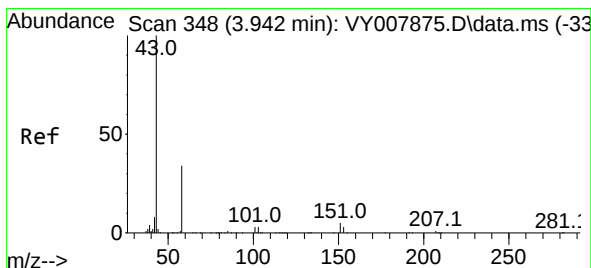
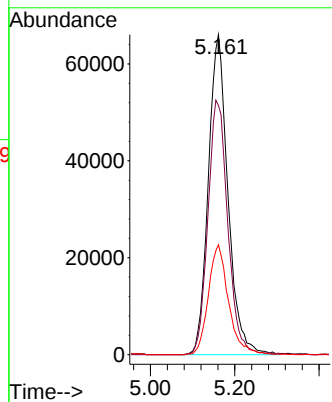
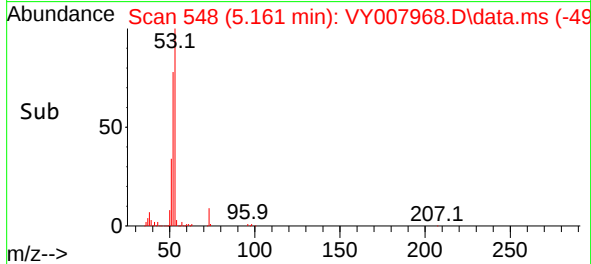
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 21359
Ion Ratio Lower Upper
53 100
52 80.5 67.0 100.4
51 35.3 29.8 44.6

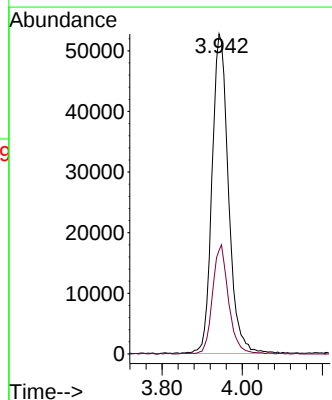
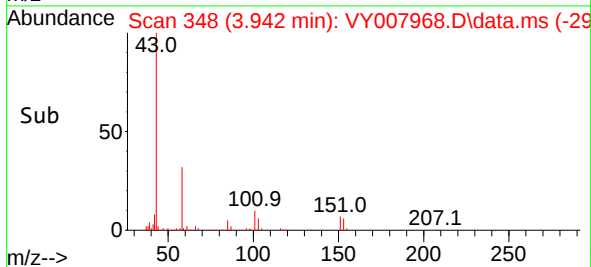
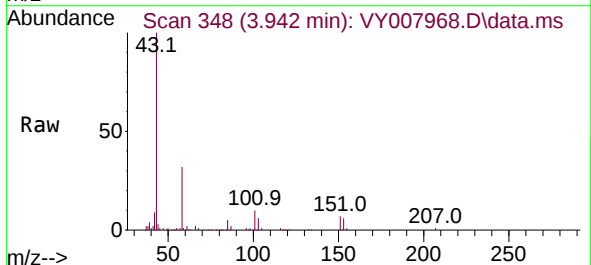
Manual Integrations
APPROVED

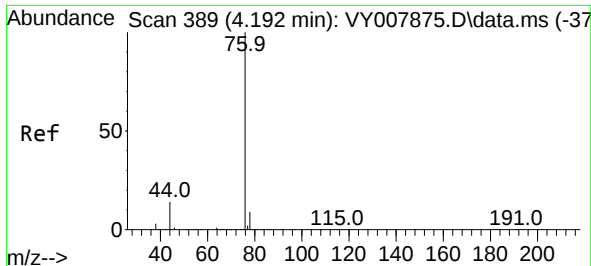
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#16
Acetone
Concen: 231.002 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50

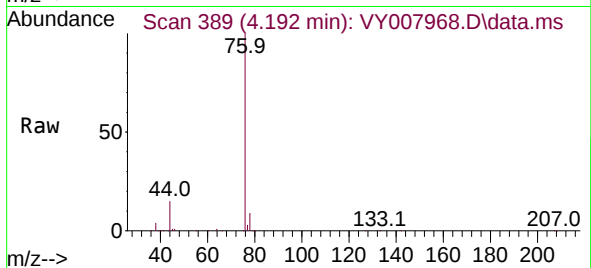
Tgt Ion: 43 Resp: 150534
Ion Ratio Lower Upper
43 100
58 32.3 22.0 33.0





#17
Carbon Disulfide
Concen: 50.847 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50

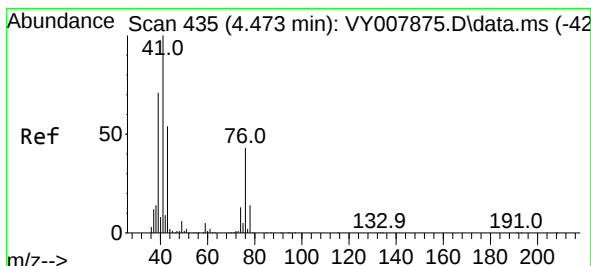
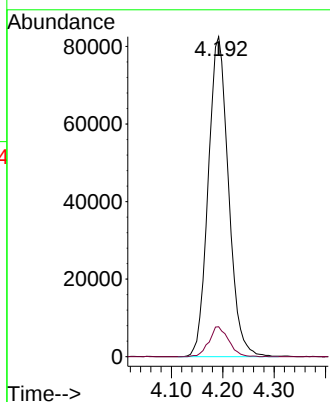
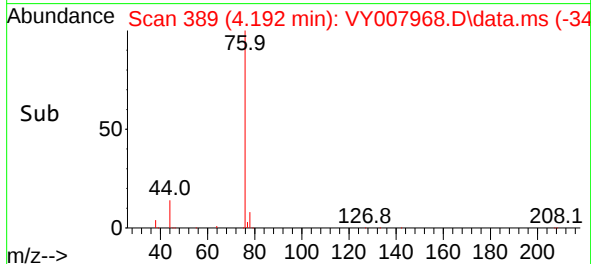
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 226390
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0

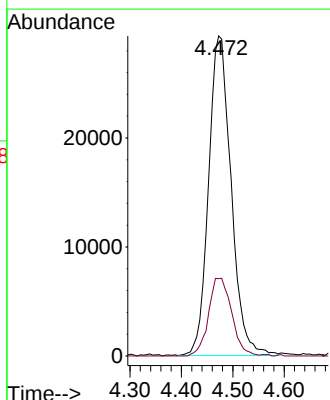
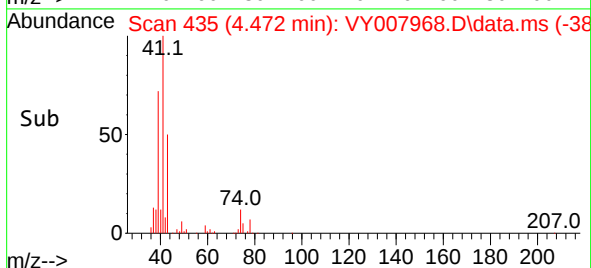
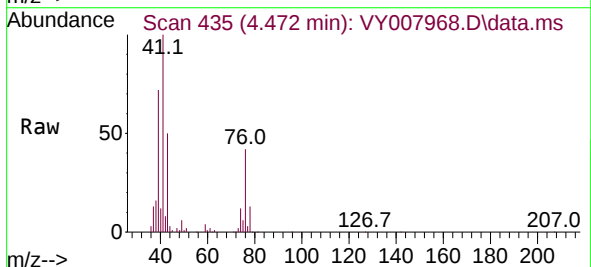
Manual Integrations
APPROVED

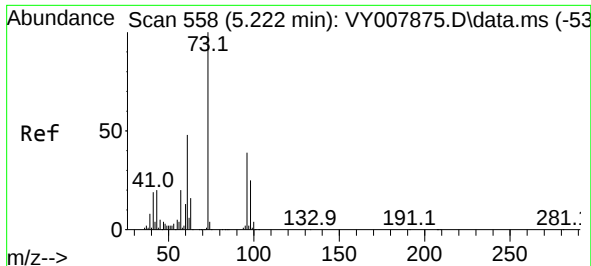
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#18
Methyl Acetate
Concen: 58.541 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50

Tgt Ion: 43 Resp: 89266
Ion Ratio Lower Upper
43 100
74 25.0 16.6 24.8





#19

Methyl tert-butyl Ether

Concen: 53.972 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY007968.D

Acq: 21 Mar 2022 20:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 396054

Ion Ratio Lower Upper

73 100

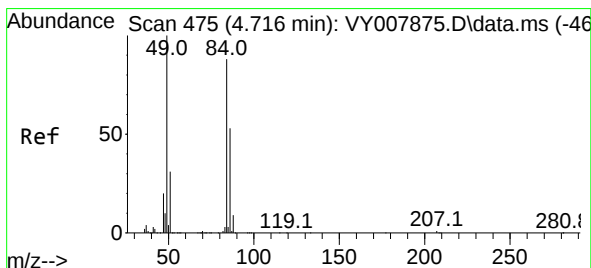
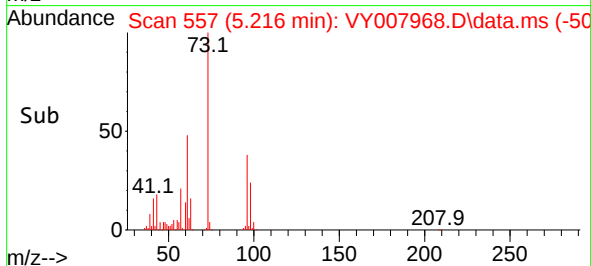
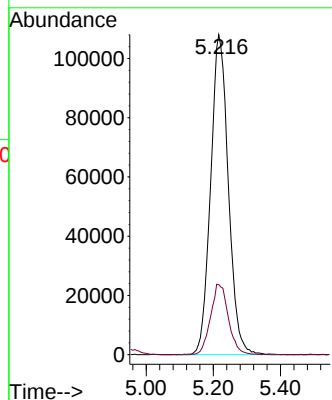
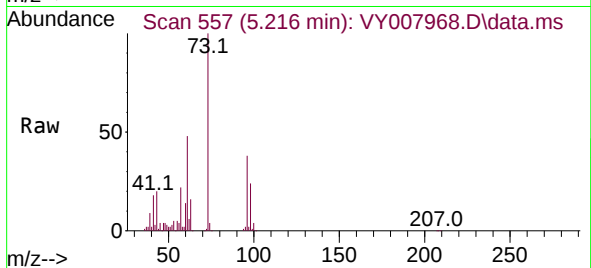
57 21.9 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 03/22/2022



#20

Methylene Chloride

Concen: 58.478 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY007968.D

Acq: 21 Mar 2022 20:50

Tgt Ion: 84 Resp: 145841

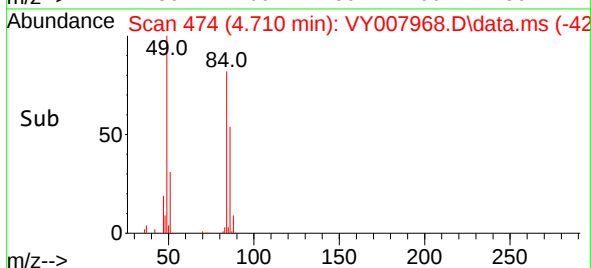
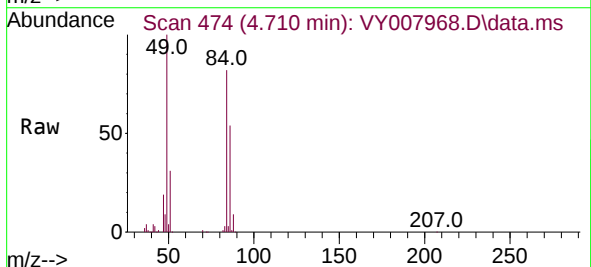
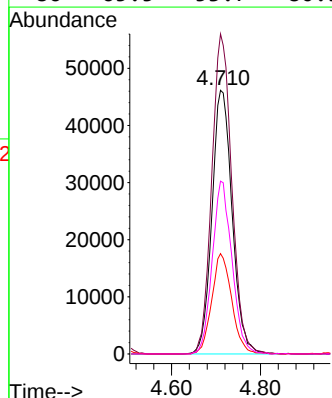
Ion Ratio Lower Upper

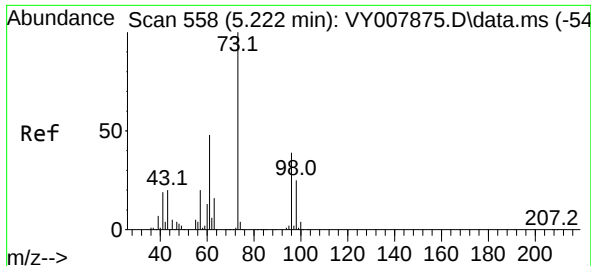
84 100

49 121.4 114.4 171.6

51 38.0 35.3 52.9

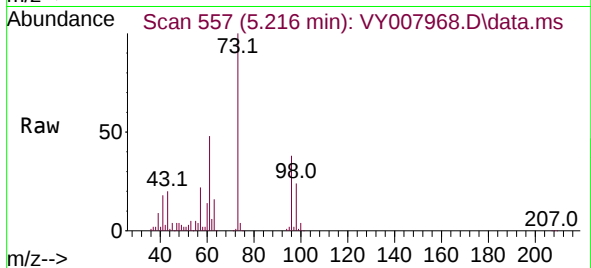
86 65.5 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 47.932 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50

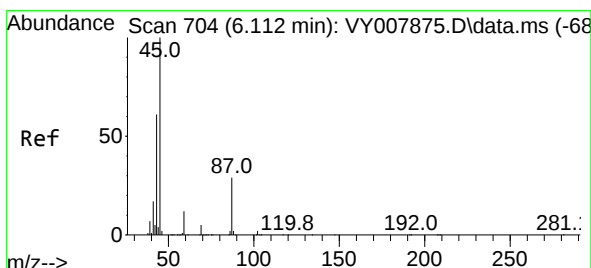
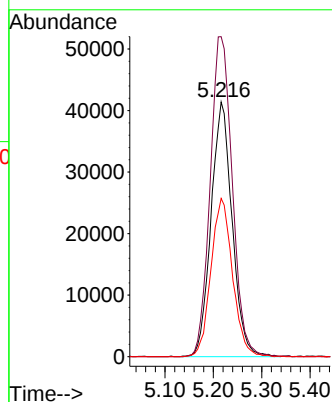
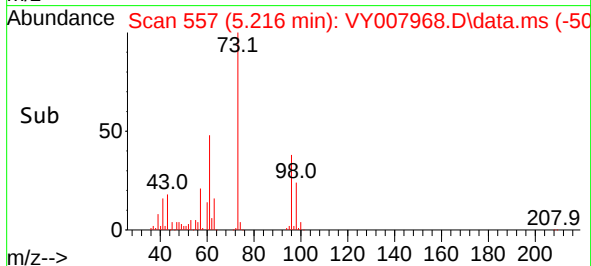
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



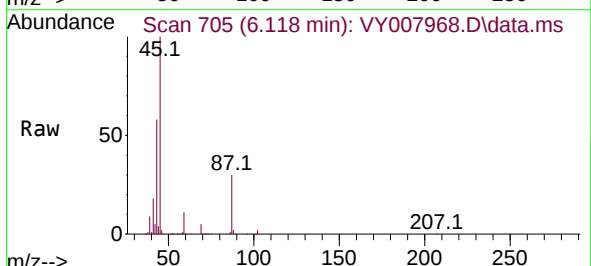
Tgt Ion: 96 Resp: 12553
Ion Ratio Lower Upper
96 100
61 125.6 120.5 180.7
98 62.1 49.8 74.8

Manual Integrations
APPROVED

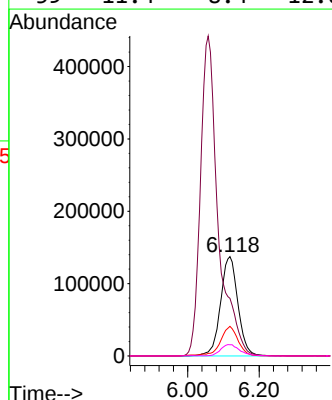
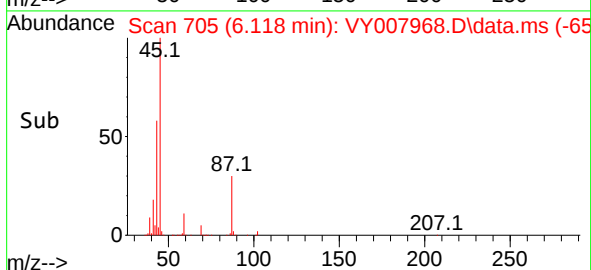
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

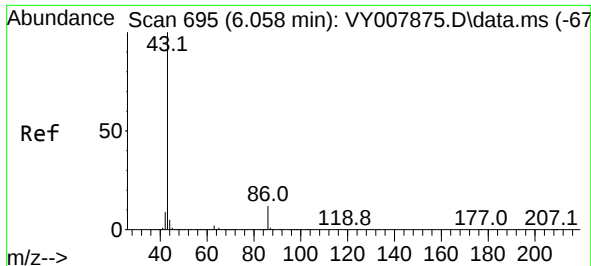


#22
Diisopropyl ether
Concen: 54.817 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50



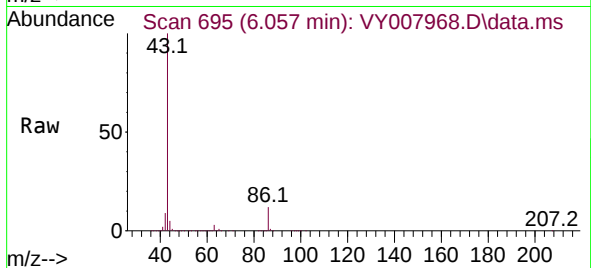
Tgt Ion: 45 Resp: 464049
Ion Ratio Lower Upper
45 100
43 57.9 49.3 73.9
87 29.7 19.2 28.8#
59 11.4 8.4 12.6





#23
 Vinyl Acetate
 Concen: 286.725 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY007968.D
 Acq: 21 Mar 2022 20:50

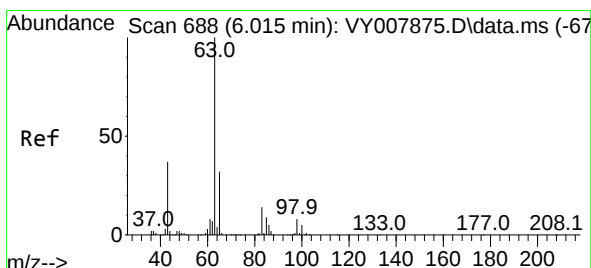
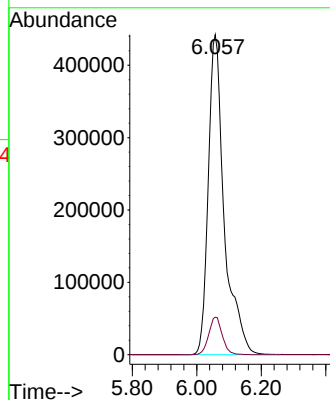
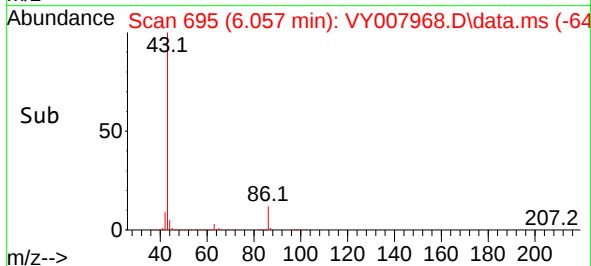
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



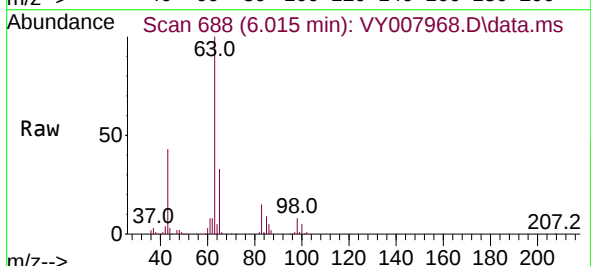
Tgt Ion: 43 Resp: 1520264
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.1 10.7

Manual Integrations
 APPROVED

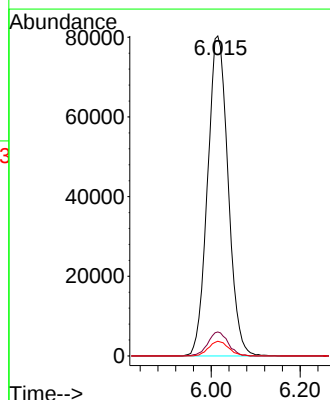
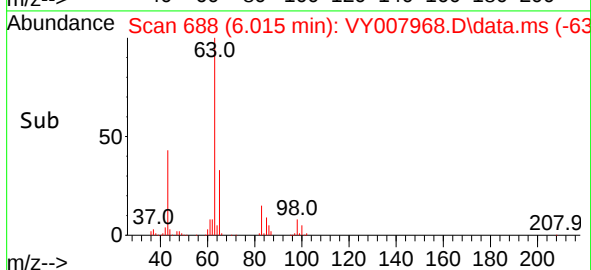
Reviewed By :John Carlone 03/22/2022
 Supervised By :Mahesh Dadoda 03/22/2022

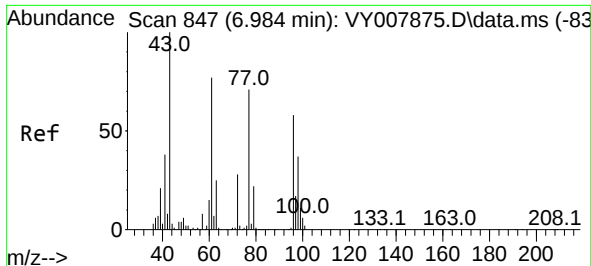


#24
 1,1-Dichloroethane
 Concen: 54.059 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY007968.D
 Acq: 21 Mar 2022 20:50



Tgt Ion: 63 Resp: 257765
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.6 10.8
 100 4.6 2.0 5.8





#25

2-Butanone

Concen: 255.476 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY007968.D

Acq: 21 Mar 2022 20:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 26666

Ion Ratio Lower Upper

43 100

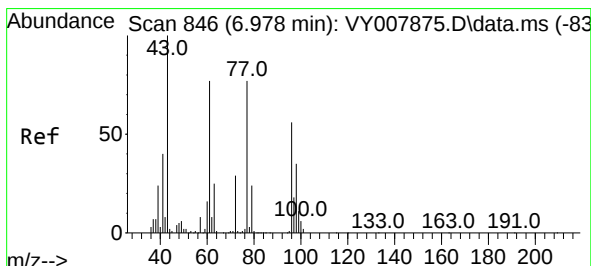
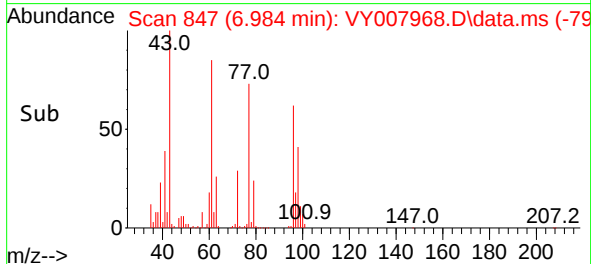
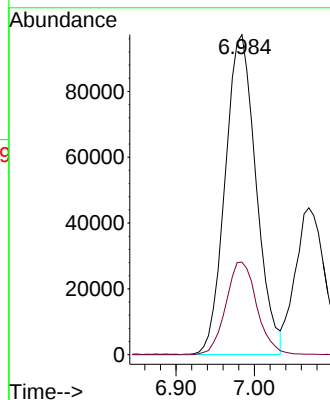
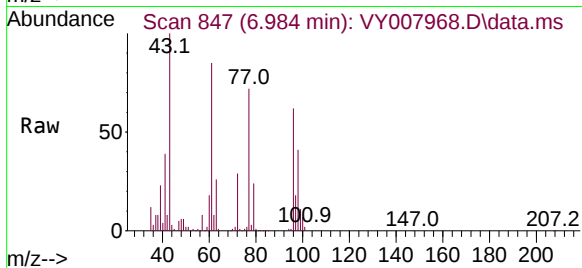
72 28.9 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 03/22/2022



#26

2,2-Dichloropropane

Concen: 50.246 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY007968.D

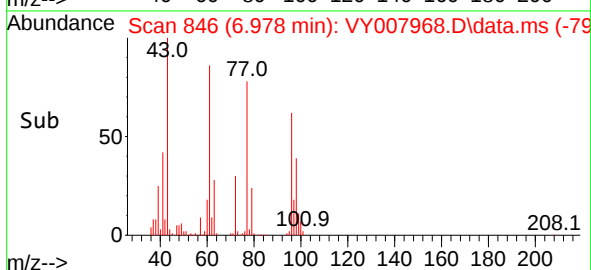
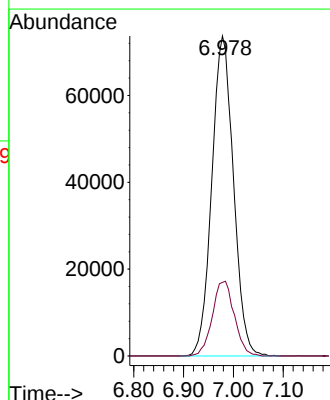
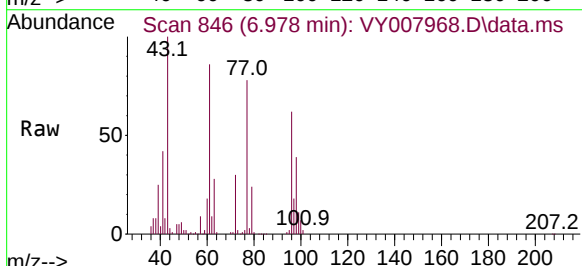
Acq: 21 Mar 2022 20:50

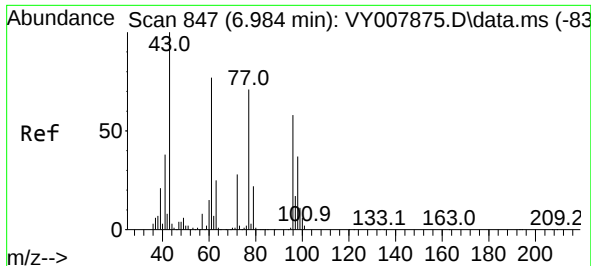
Tgt Ion: 77 Resp: 222053

Ion Ratio Lower Upper

77 100

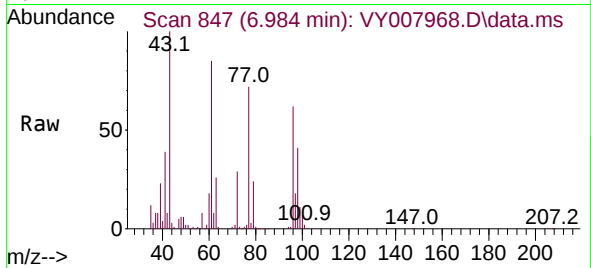
97 23.7 10.4 31.4





#27
 cis-1,2-Dichloroethene
 Concen: 52.256 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.000 min
 Lab File: VY007968.D
 Acq: 21 Mar 2022 20:50

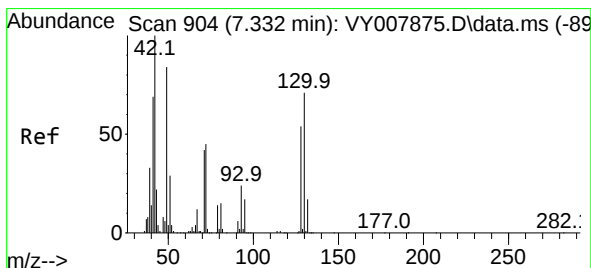
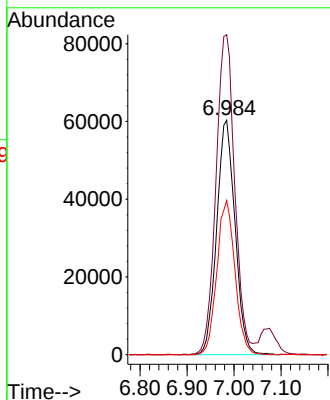
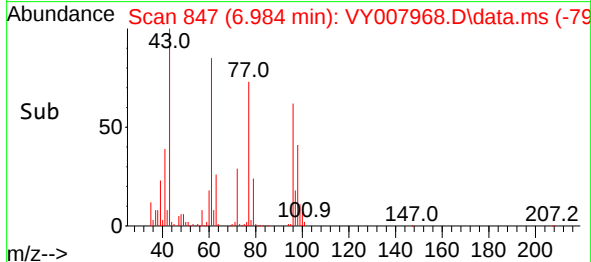
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



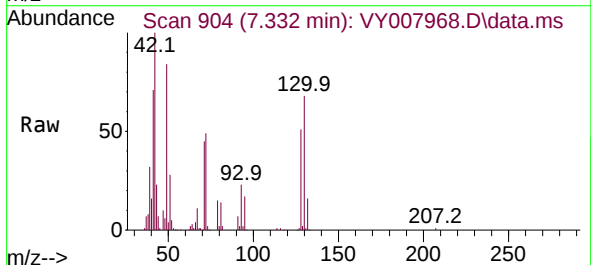
Tgt Ion: 96 Resp: 164272
 Ion Ratio Lower Upper
 96 100
 61 139.6 0.0 319.8
 98 64.7 0.0 127.0

Manual Integrations
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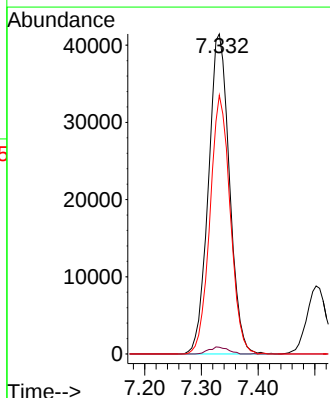
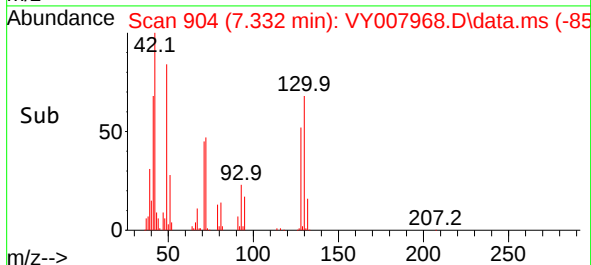
Reviewed By :John Carlone 03/22/2022
 Supervised By :Mahesh Dadoda 03/22/2022

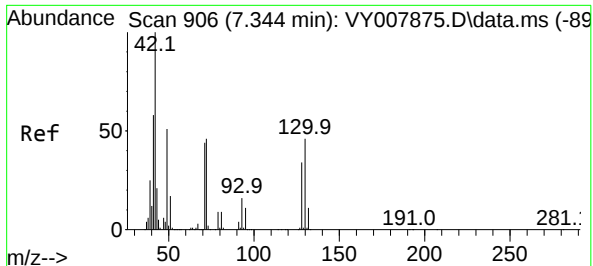


#28
 Bromochloromethane
 Concen: 56.636 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY007968.D
 Acq: 21 Mar 2022 20:50



Tgt Ion: 49 Resp: 106667
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 2.2
 130 77.7 55.4 83.0





#29

Tetrahydrofuran

Concen: 263.314 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY007968.D

Acq: 21 Mar 2022 20:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 17610

Ion Ratio Lower Upper

42 100

72 46.2 30.3 45.5

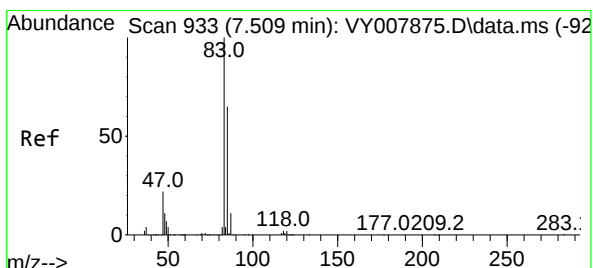
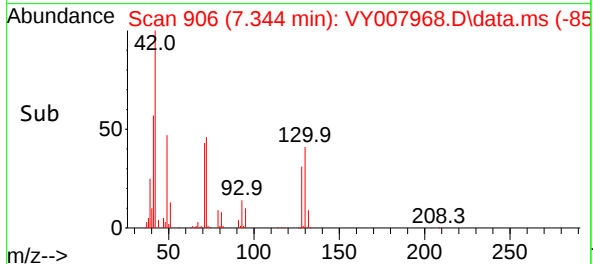
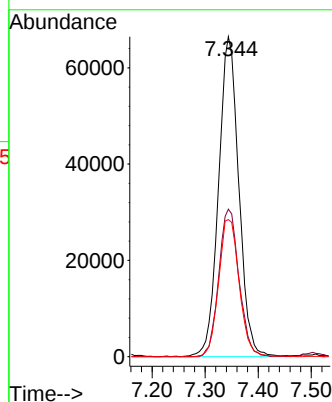
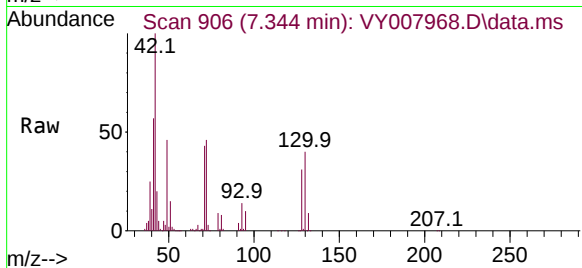
71 43.5 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 03/22/2022



#30

Chloroform

Concen: 55.978 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY007968.D

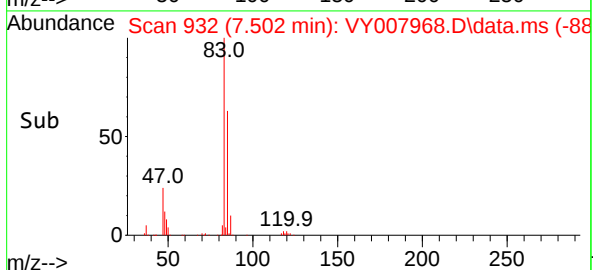
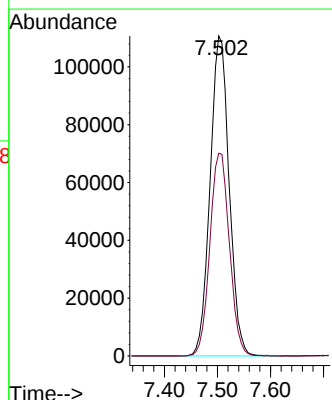
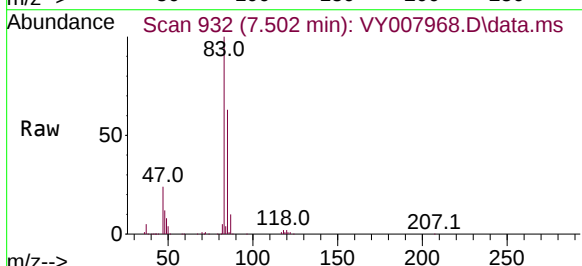
Acq: 21 Mar 2022 20:50

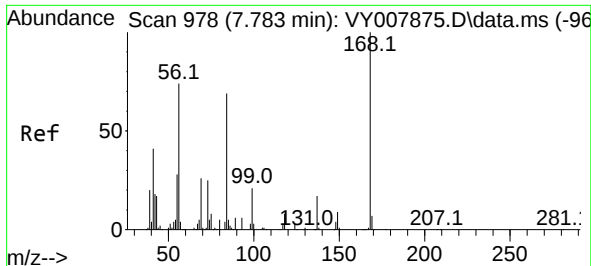
Tgt Ion: 83 Resp: 275890

Ion Ratio Lower Upper

83 100

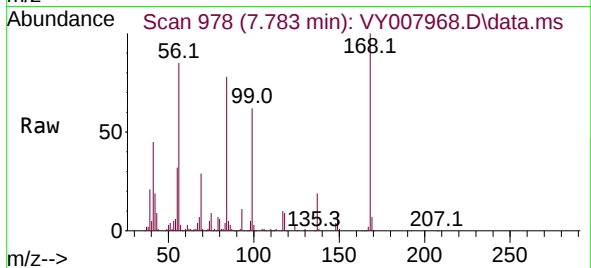
85 63.4 51.8 77.6





#31
Cyclohexane
Concen: 55.725 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50

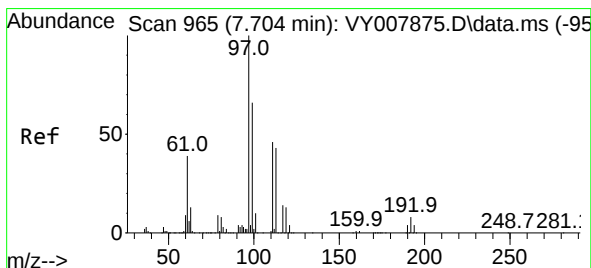
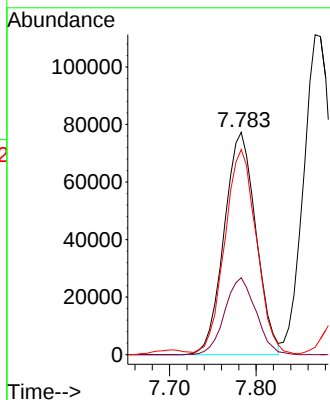
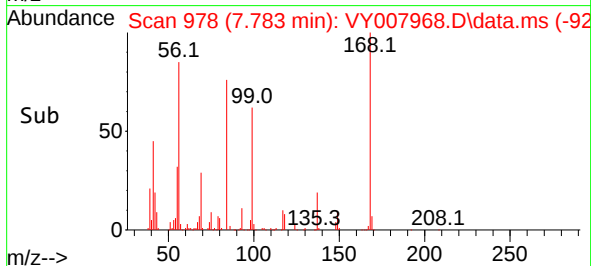
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



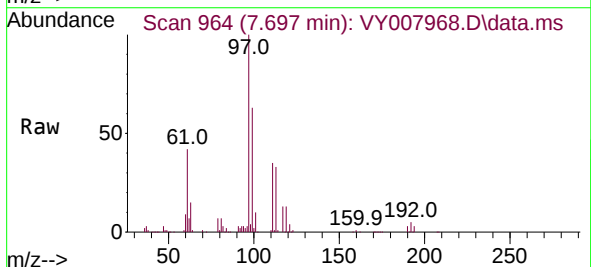
Tgt Ion: 56 Resp: 19707
Ion Ratio Lower Upper
56 100
69 34.6 26.7 40.1
84 90.3 67.2 100.8

Manual Integrations
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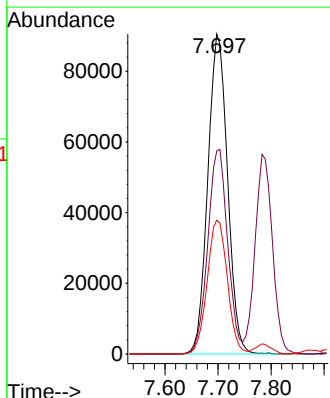
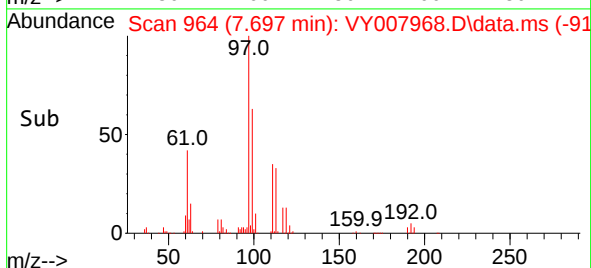
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

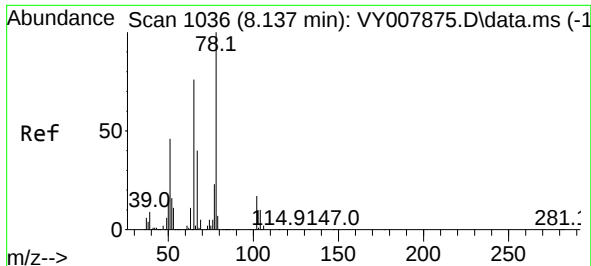


#32
1,1,1-Trichloroethane
Concen: 52.717 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50



Tgt Ion: 97 Resp: 234010
Ion Ratio Lower Upper
97 100
99 64.7 50.7 76.1
61 42.8 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 52.495 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY007968.D

Acq: 21 Mar 2022 20:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 12895

Ion Ratio Lower Upper

65 100

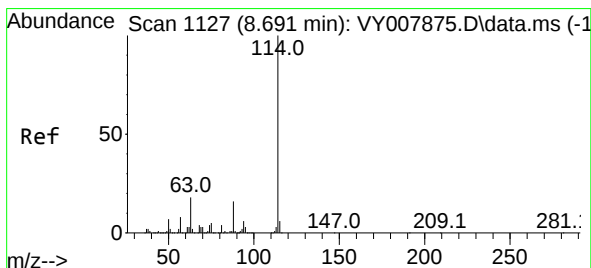
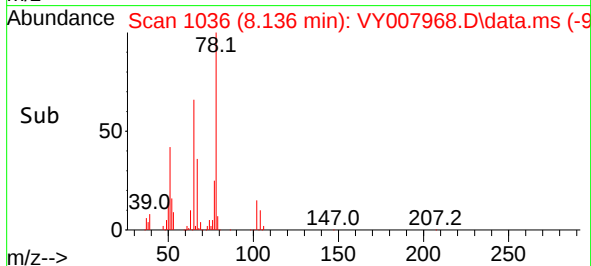
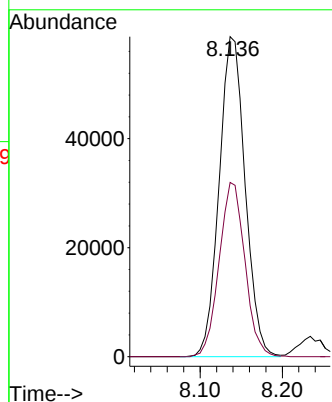
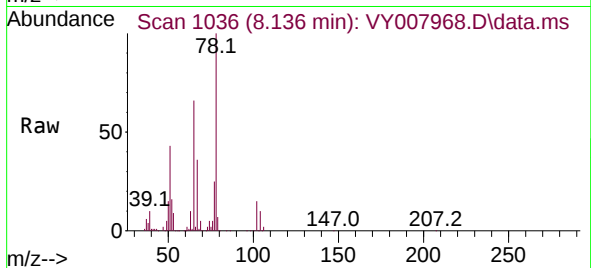
67 53.9 0.0 99.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 03/22/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY007968.D

Acq: 21 Mar 2022 20:50

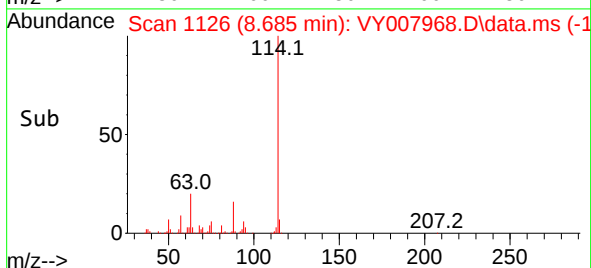
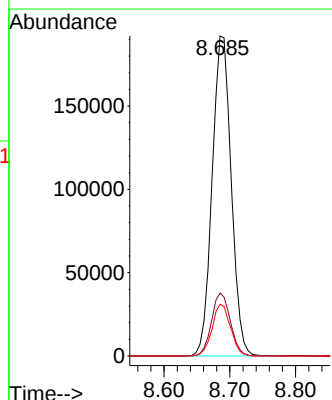
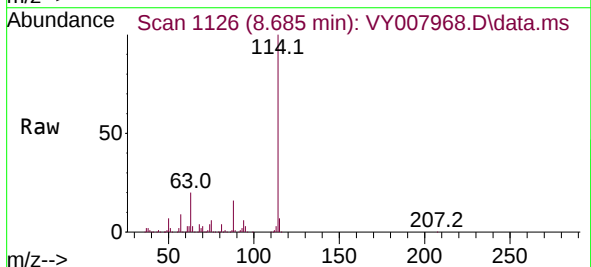
Tgt Ion:114 Resp: 387475

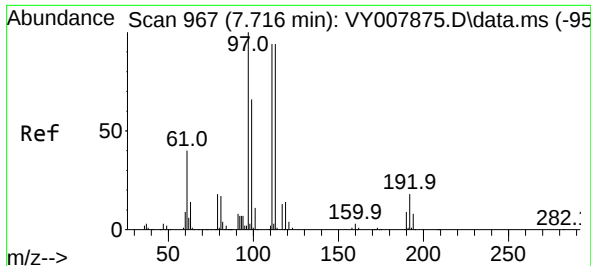
Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

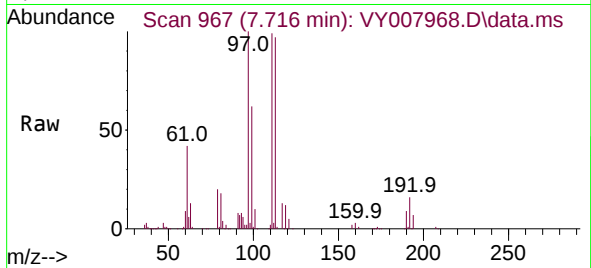
88 16.2 0.0 31.8





#35
Dibromofluoromethane
Concen: 49.717 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50

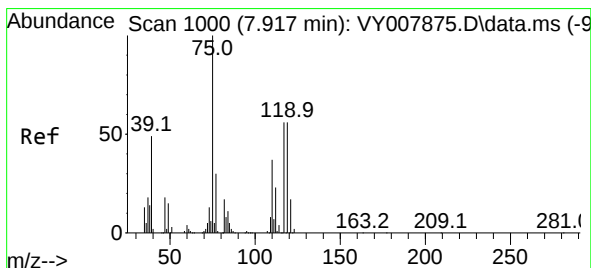
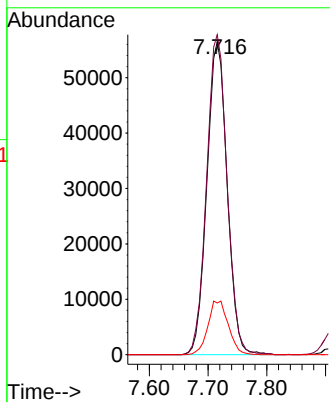
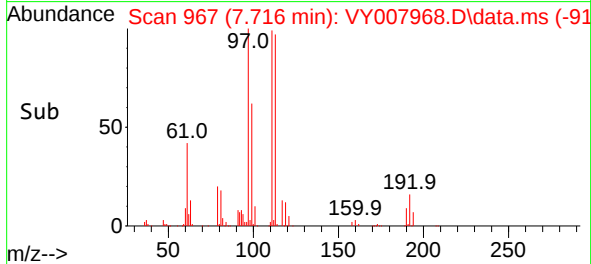
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



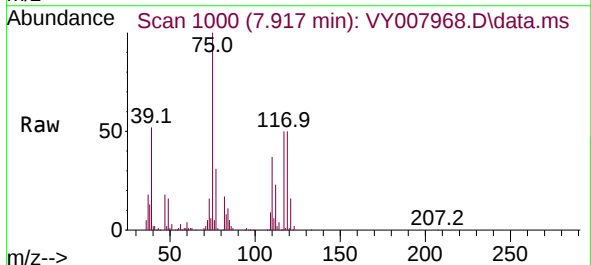
Tgt Ion:113 Resp: 135290
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 17.3 17.6 26.4

Manual Integrations
APPROVED

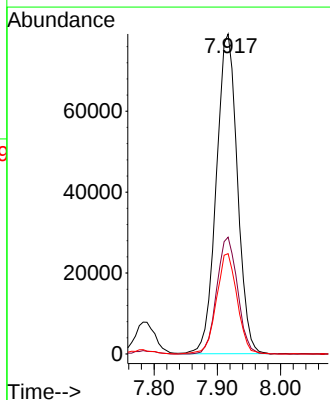
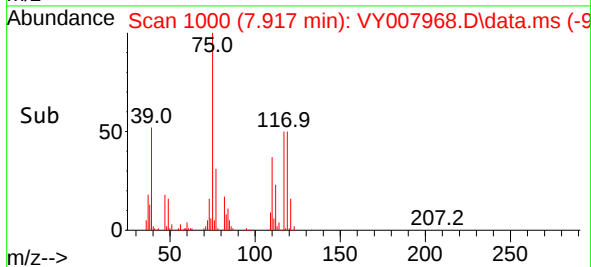
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

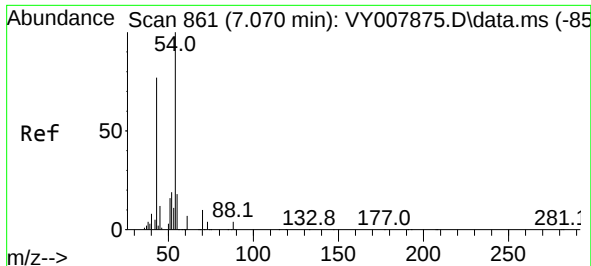


#36
1,1-Dichloropropene
Concen: 45.314 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50



Tgt Ion: 75 Resp: 182888
Ion Ratio Lower Upper
75 100
110 35.9 17.1 51.2
77 30.8 24.4 36.6





#37

Ethyl Acetate

Concen: 48.867 ug/l

RT: 7.069 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY007968.D

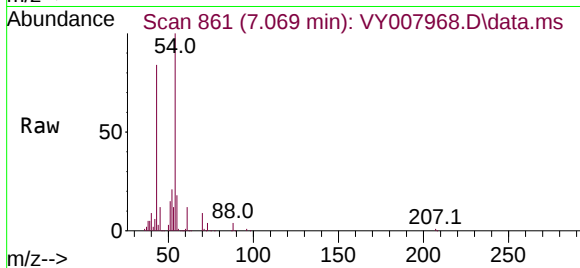
Acq: 21 Mar 2022 20:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



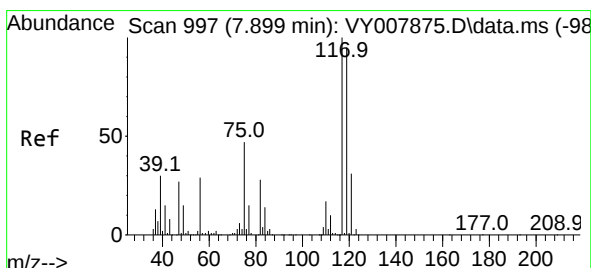
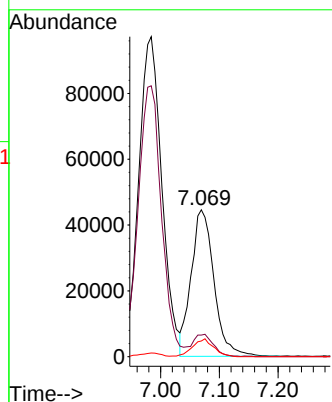
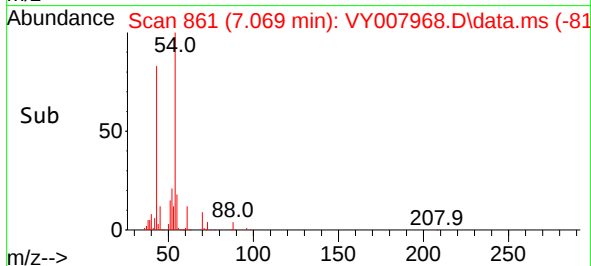
Tgt Ion:	43	Resp:	12034
Ion	Ratio	Lower	Upper
43	100		
61	14.2	9.7	14.5
70	11.3	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 03/22/2022



#38

Carbon Tetrachloride

Concen: 46.552 ug/l

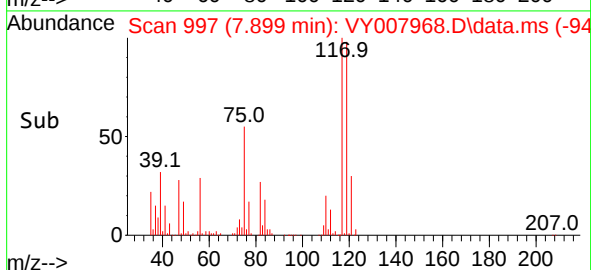
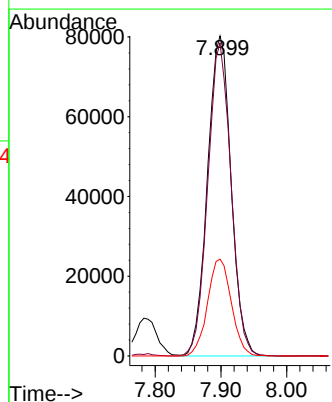
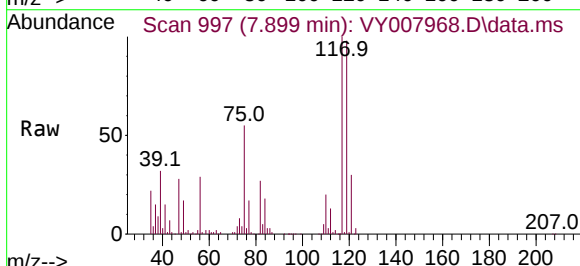
RT: 7.899 min Scan# 997

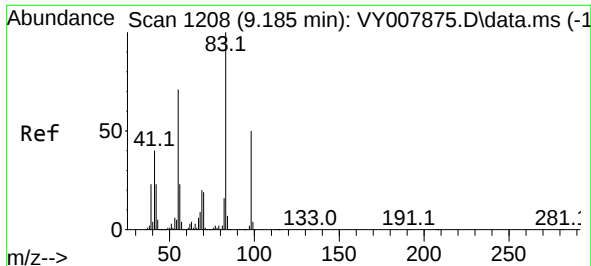
Delta R.T. -0.000 min

Lab File: VY007968.D

Acq: 21 Mar 2022 20:50

Tgt Ion:	117	Resp:	200769
Ion	Ratio	Lower	Upper
117	100		
119	97.8	77.9	116.9
121	30.2	24.8	37.2





#39

Methylcyclohexane

Concen: 49.465 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY007968.D

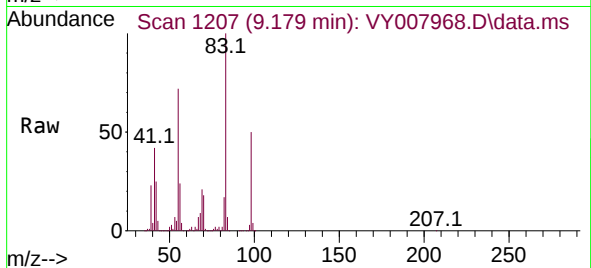
Acq: 21 Mar 2022 20:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion: 83 Resp: 22128

Ion Ratio Lower Upper

83 100

55 71.8 66.5 99.7

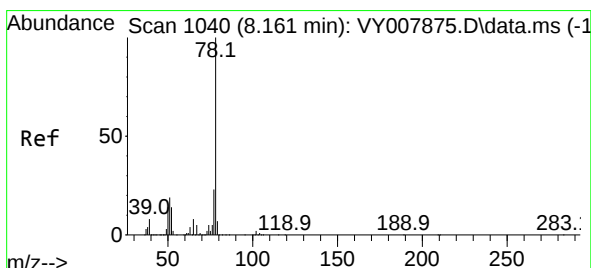
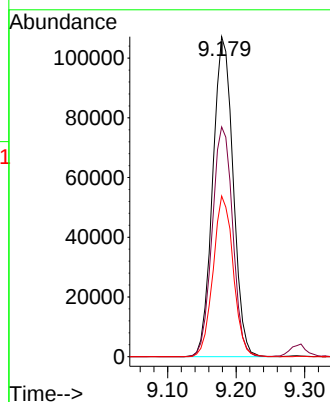
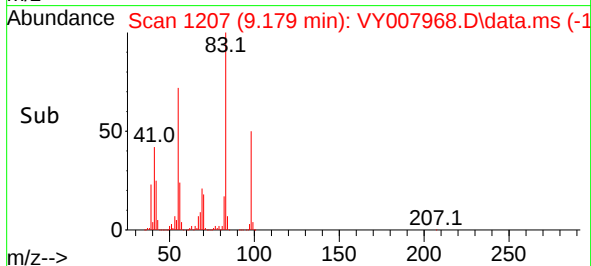
98 50.2 37.9 56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 03/22/2022



#40

Benzene

Concen: 47.270 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY007968.D

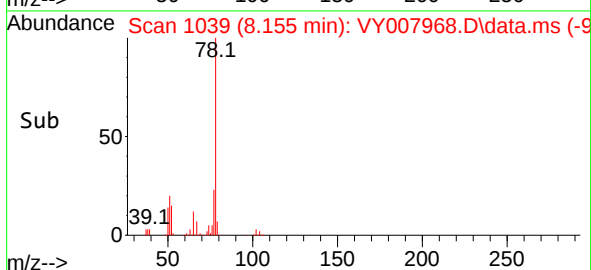
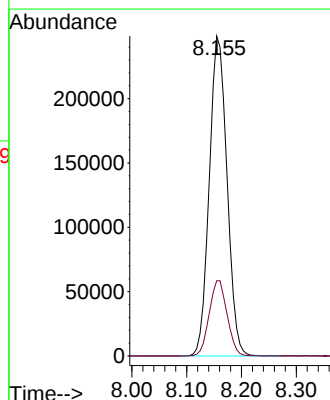
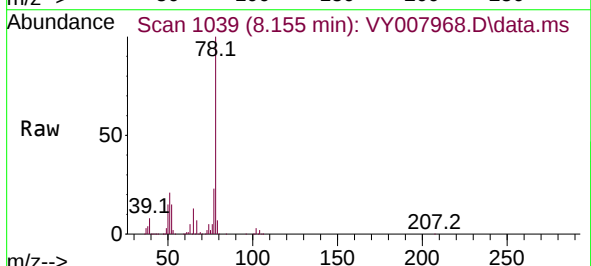
Acq: 21 Mar 2022 20:50

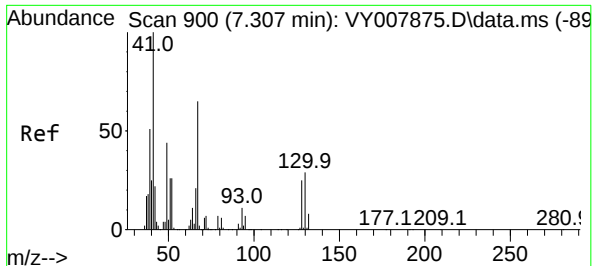
Tgt Ion: 78 Resp: 557515

Ion Ratio Lower Upper

78 100

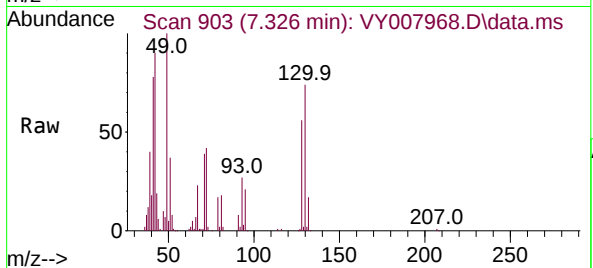
77 23.5 20.4 30.6





#41
Methacrylonitrile
Concen: 52.872 ug/l m
RT: 7.326 min Scan# 903
Delta R.T. 0.018 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50

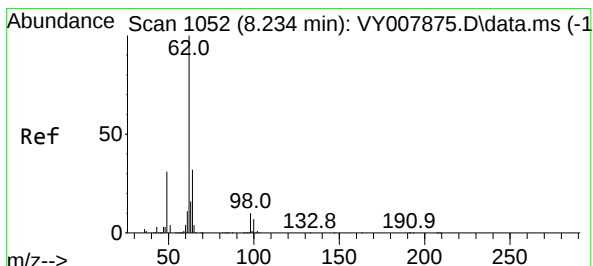
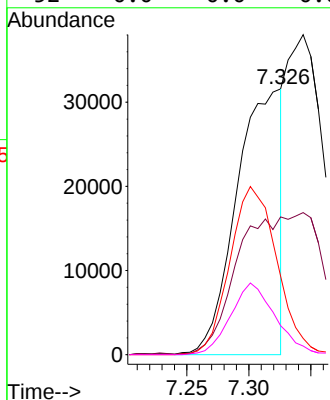
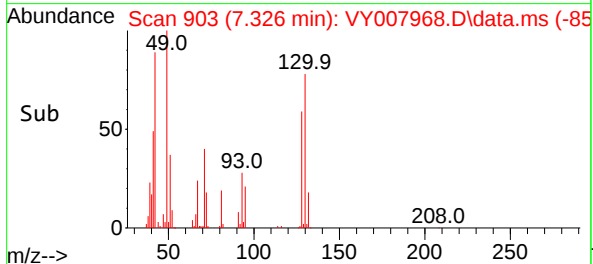
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 8030
Ion Ratio Lower Upper
41 100
39 100.2 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

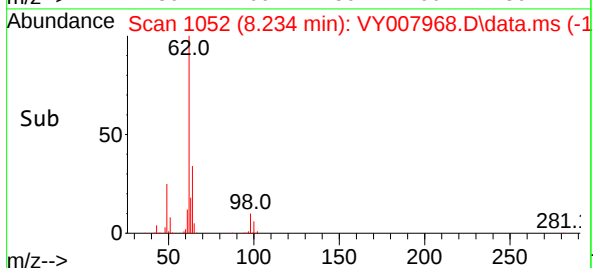
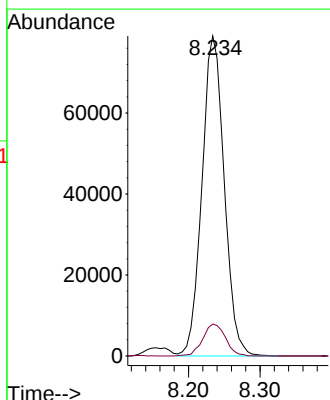
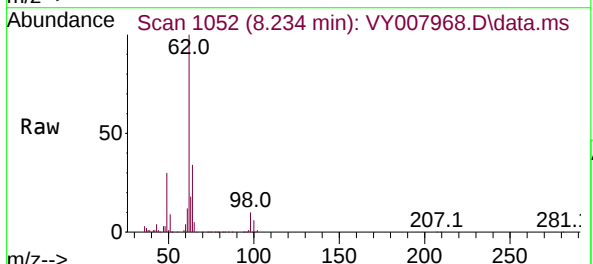
Manual Integrations
APPROVED

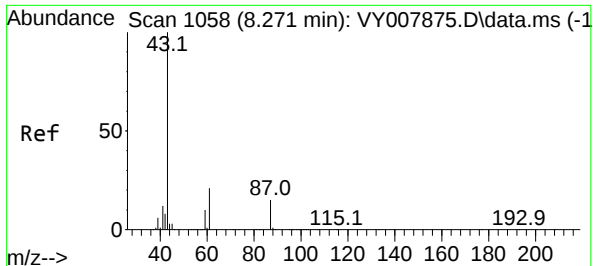
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#42
1,2-Dichloroethane
Concen: 50.037 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50

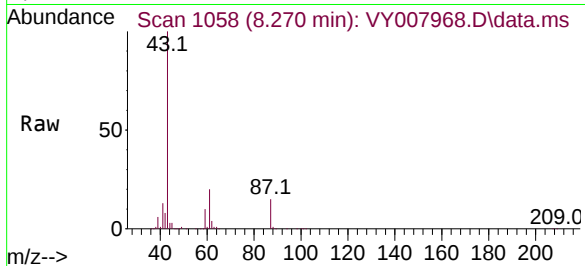
Tgt Ion: 62 Resp: 170870
Ion Ratio Lower Upper
62 100
98 10.2 0.0 14.8





#43
Isopropyl Acetate
Concen: 49.193 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50

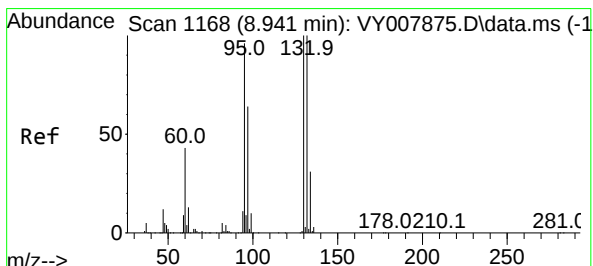
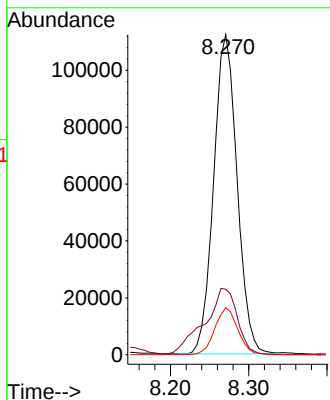
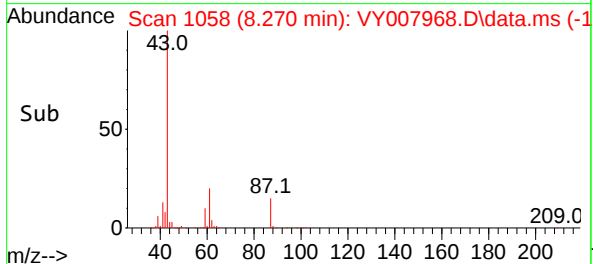
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



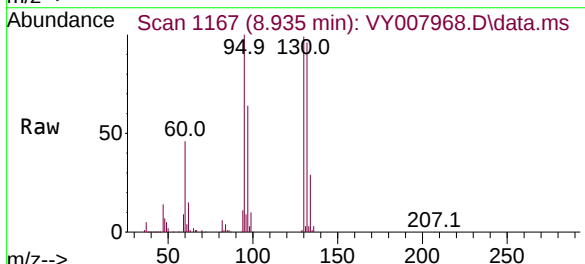
Tgt Ion: 43 Resp: 233558
Ion Ratio Lower Upper
43 100
61 29.3 20.2 30.2
87 14.4 8.9 13.3

Manual Integrations
APPROVED

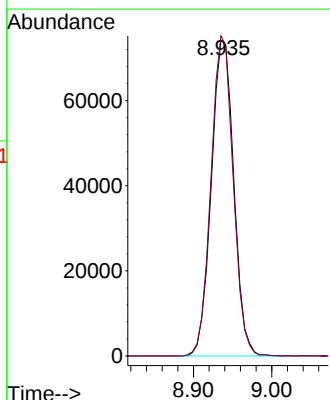
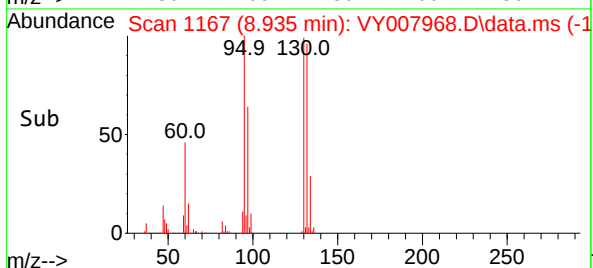
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

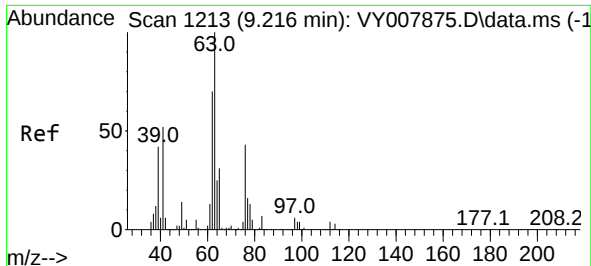


#44
Trichloroethene
Concen: 45.290 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50



Tgt Ion:130 Resp: 147707
Ion Ratio Lower Upper
130 100
95 101.3 0.0 188.2





#45

1,2-Dichloropropane

Concen: 49.424 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY007968.D

Acq: 21 Mar 2022 20:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 15093

Ion Ratio Lower Upper

63 100

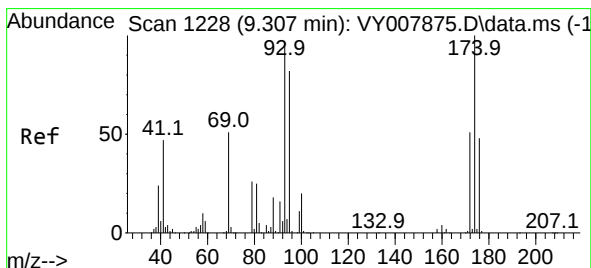
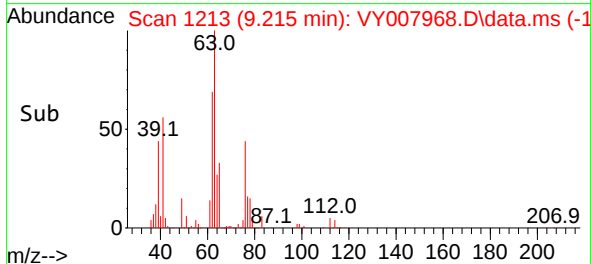
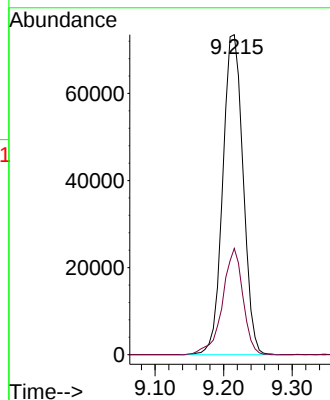
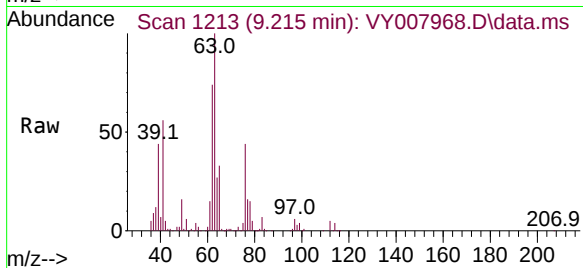
65 33.2 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 03/22/2022



#46

Dibromomethane

Concen: 49.791 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY007968.D

Acq: 21 Mar 2022 20:50

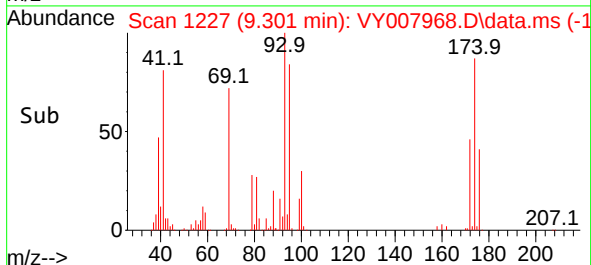
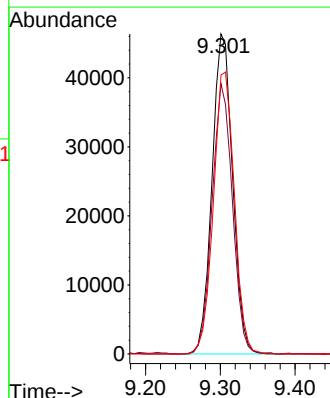
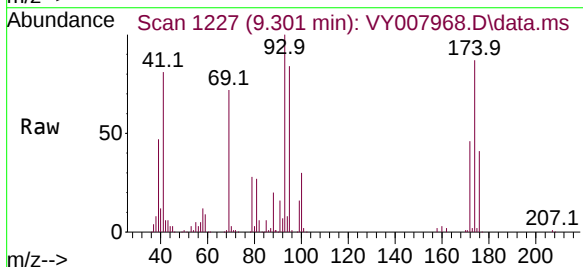
Tgt Ion: 93 Resp: 88954

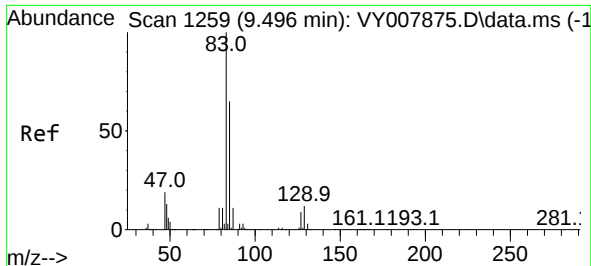
Ion Ratio Lower Upper

93 100

95 83.4 64.3 96.5

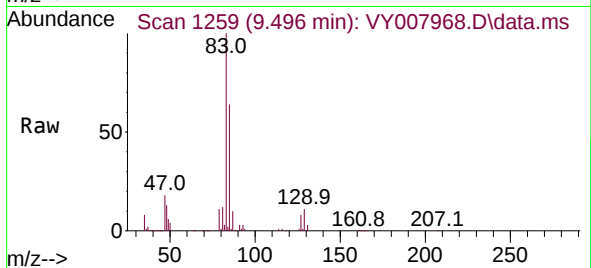
174 89.7 83.4 125.0





#47
Bromodichloromethane
Concen: 50.424 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50

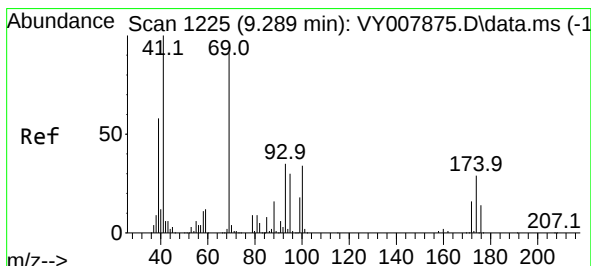
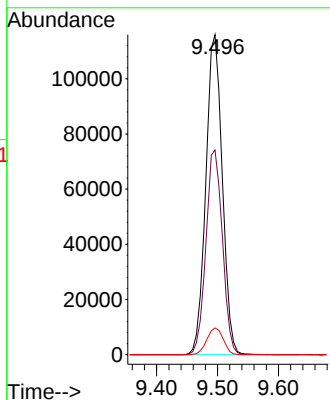
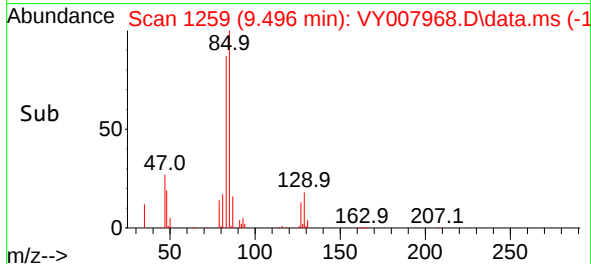
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



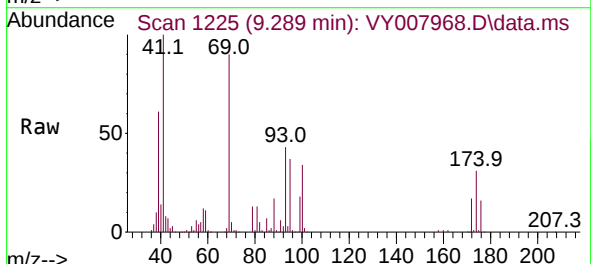
Tgt Ion: 83 Resp: 217630
Ion Ratio Lower Upper
83 100
85 64.0 51.9 77.9
127 8.3 6.6 10.0

Manual Integrations
APPROVED

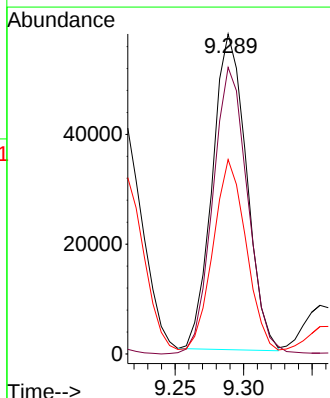
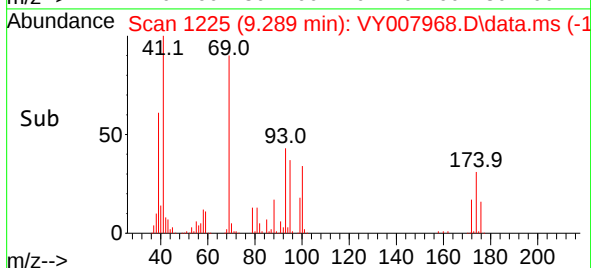
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

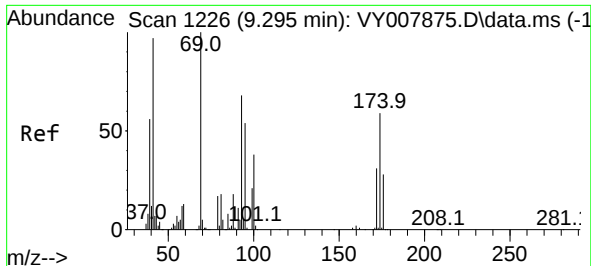


#48
Methyl methacrylate
Concen: 47.138 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50



Tgt Ion: 41 Resp: 99556
Ion Ratio Lower Upper
41 100
69 93.2 58.2 87.2#
39 60.8 47.4 71.0





#49

1,4-Dioxane

Concen: 1008.667 ug/l

RT: 9.289 min Scan# 1226

Delta R.T. -0.006 min

Lab File: VY007968.D

Acq: 21 Mar 2022 20:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

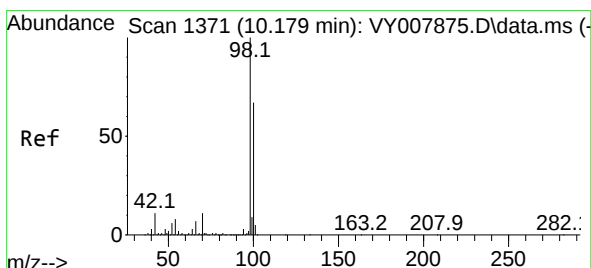
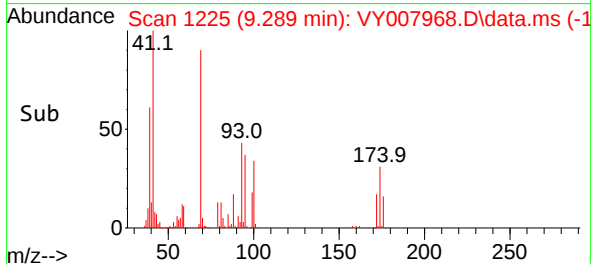
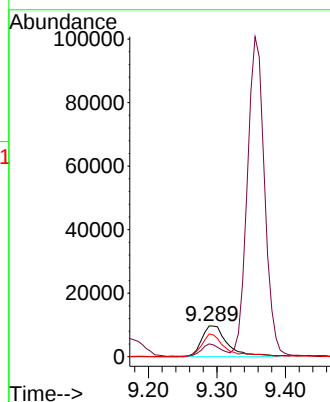
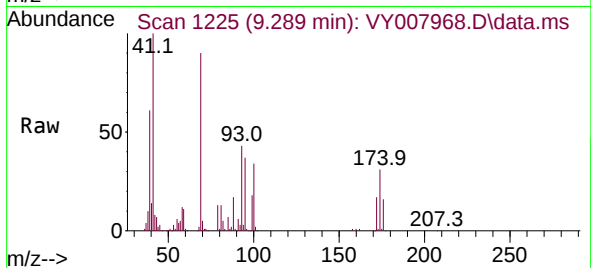
Tgt Ion: 88 Resp: 2552
 Ion Ratio Lower Upper
 88 100
 43 30.6 32.8 49.2
 58 67.3 59.8 89.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 03/22/2022



#50

Toluene-d8

Concen: 57.112 ug/l

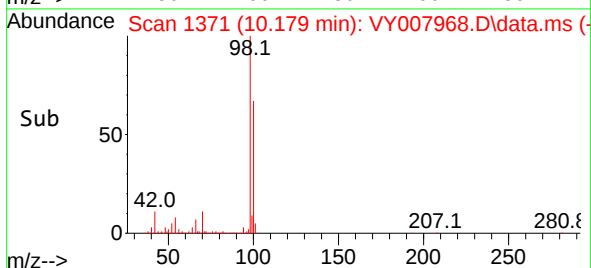
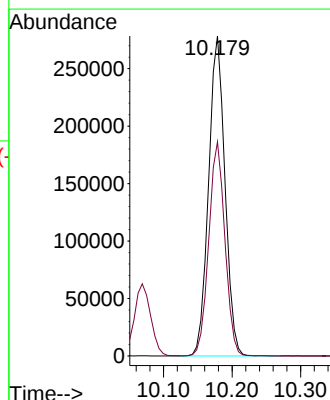
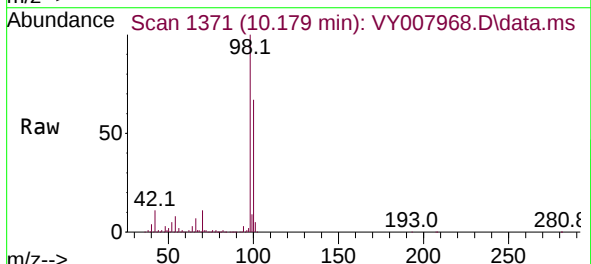
RT: 10.179 min Scan# 1371

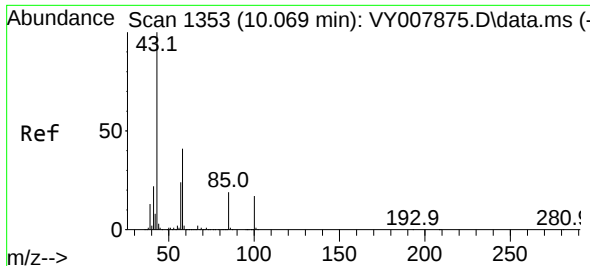
Delta R.T. -0.000 min

Lab File: VY007968.D

Acq: 21 Mar 2022 20:50

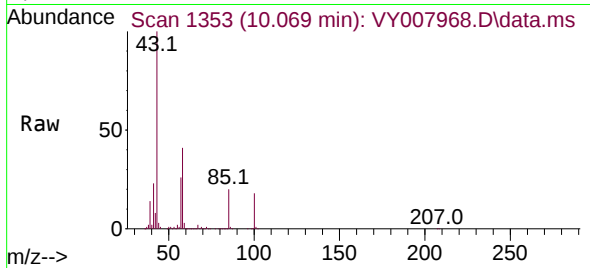
Tgt Ion: 98 Resp: 462372
 Ion Ratio Lower Upper
 98 100
 100 66.0 50.2 75.2





#51
4-Methyl-2-Pentanone
Concen: 245.627 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50

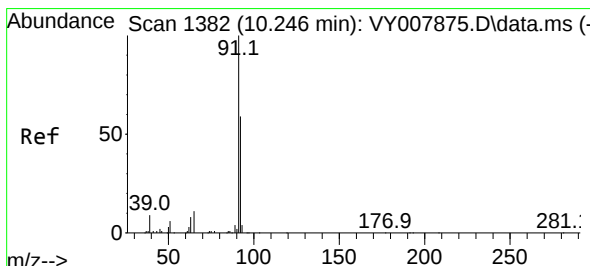
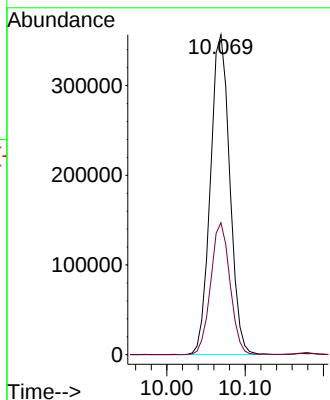
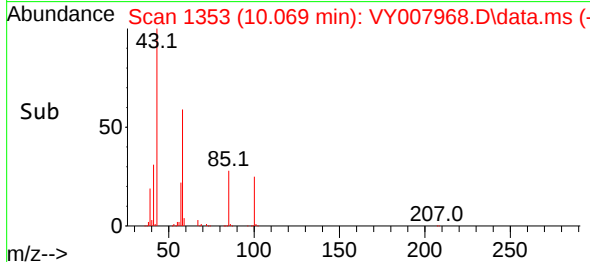
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



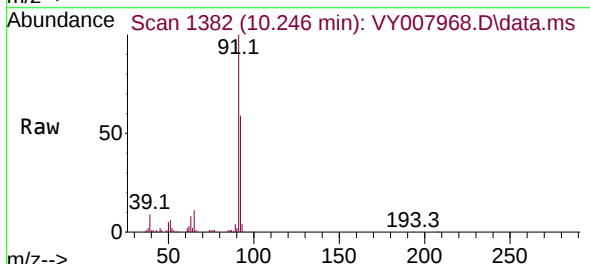
Tgt Ion: 43 Resp: 61442
Ion Ratio Lower Upper
43 100
58 41.1 28.1 42.1

Manual Integrations
APPROVED

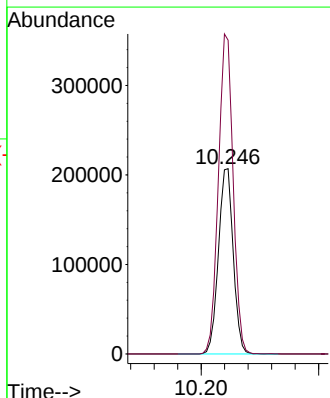
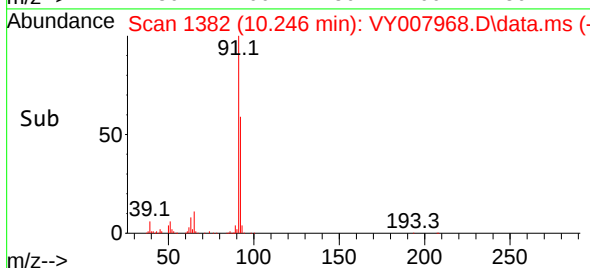
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

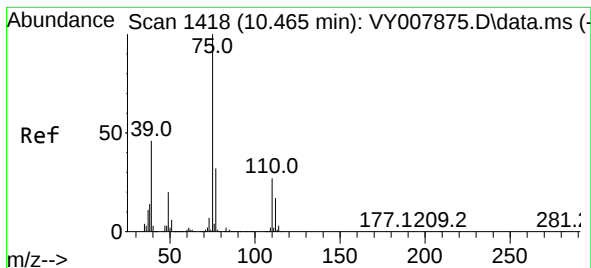


#52
Toluene
Concen: 47.679 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50



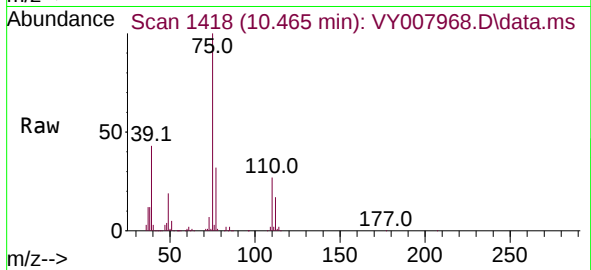
Tgt Ion: 92 Resp: 361139
Ion Ratio Lower Upper
92 100
91 172.0 142.6 213.8





#53
t-1,3-Dichloropropene
Concen: 48.224 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50

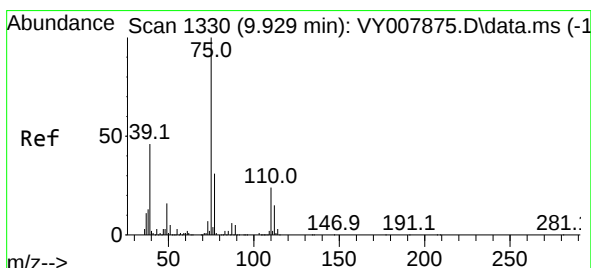
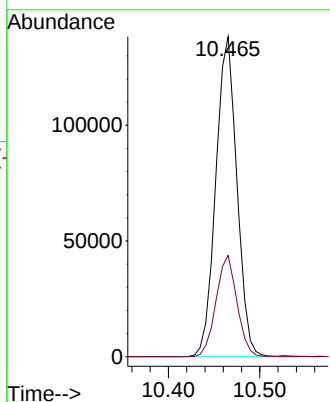
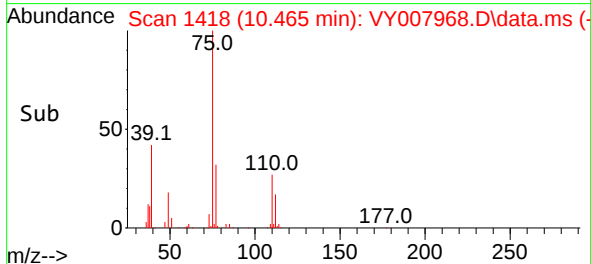
Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050



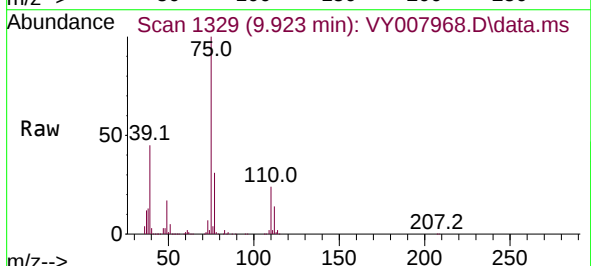
Tgt Ion: 75 Resp: 222033
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2

Manual Integrations
APPROVED

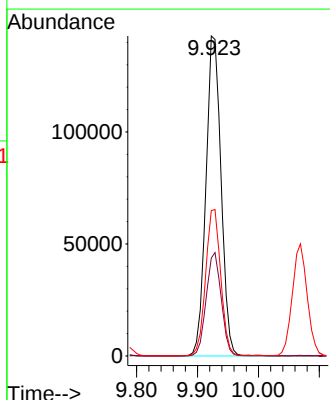
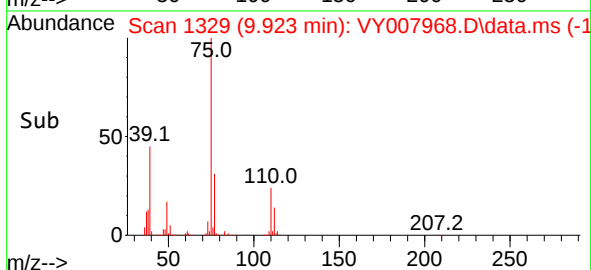
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

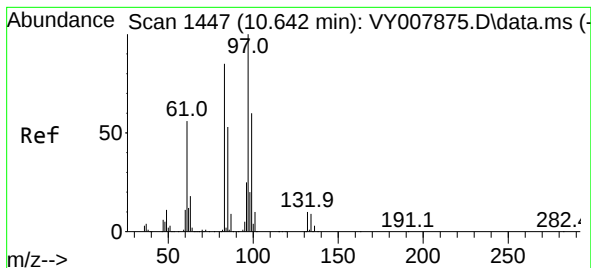


#54
cis-1,3-Dichloropropene
Concen: 48.087 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50



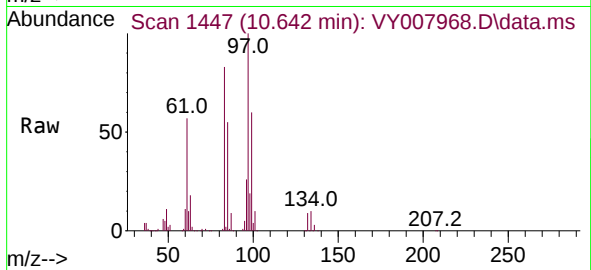
Tgt Ion: 75 Resp: 246898
Ion Ratio Lower Upper
75 100
77 30.6 25.6 38.4
39 45.5 47.6 71.4#





#55
1,1,2-Trichloroethane
Concen: 50.685 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50

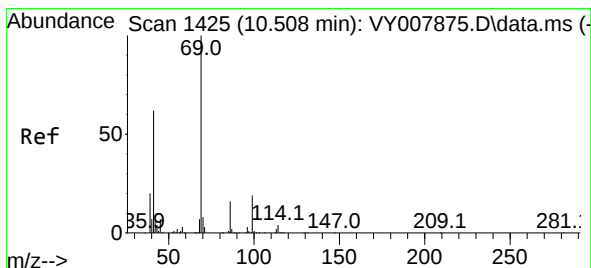
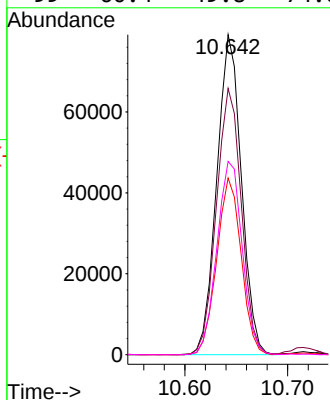
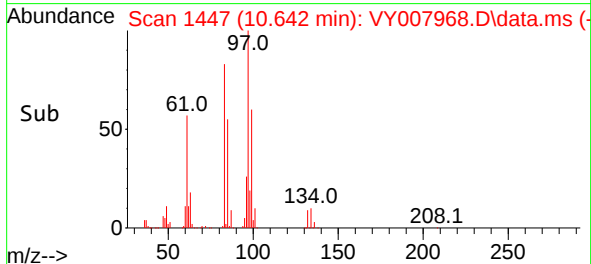
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



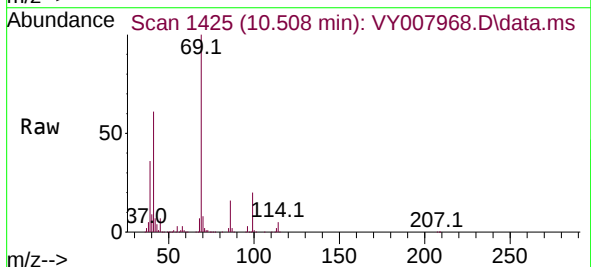
Tgt Ion: 97 Resp: 131550
Ion Ratio Lower Upper
97 100
83 83.2 69.8 104.8
85 55.2 44.3 66.5
99 60.4 49.8 74.6

Manual Integrations
APPROVED

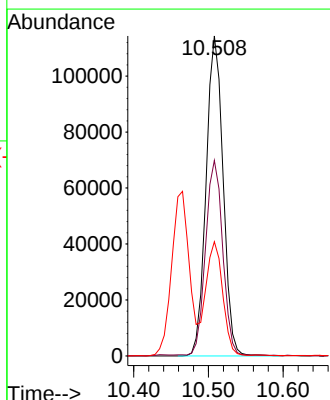
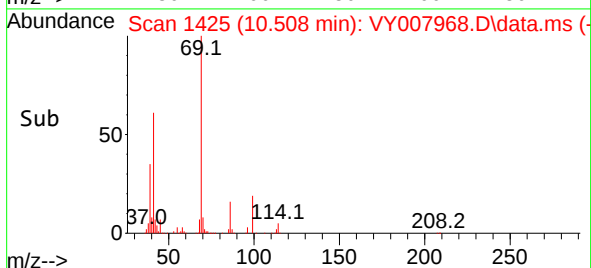
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

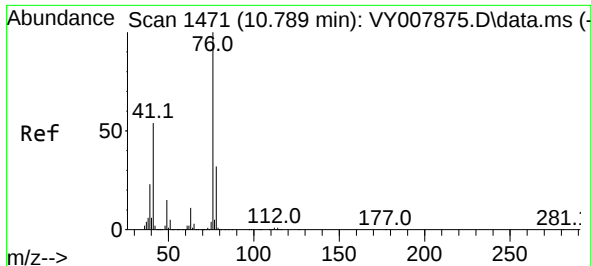


#56
Ethyl methacrylate
Concen: 48.429 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50



Tgt Ion: 69 Resp: 180458
Ion Ratio Lower Upper
69 100
41 62.0 63.4 95.0#
39 35.7 35.8 53.8#





#57

1,3-Dichloropropane

Concen: 50.000 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY007968.D

Acq: 21 Mar 2022 20:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 21642

Ion Ratio Lower Upper

76 100

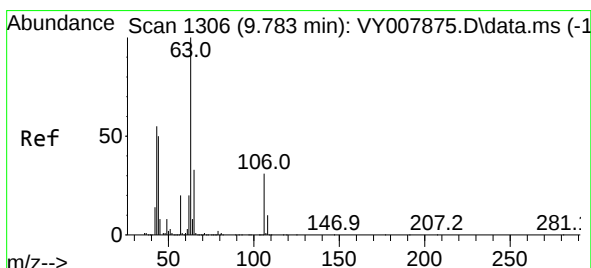
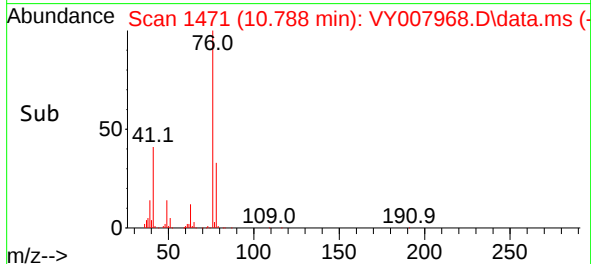
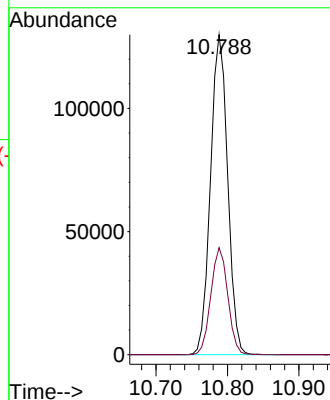
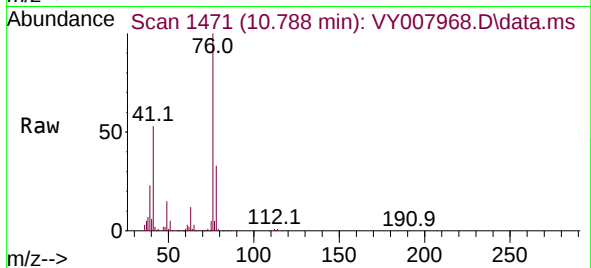
78 33.0 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 03/22/2022



#58

2-Chloroethyl Vinyl ether

Concen: 246.746 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY007968.D

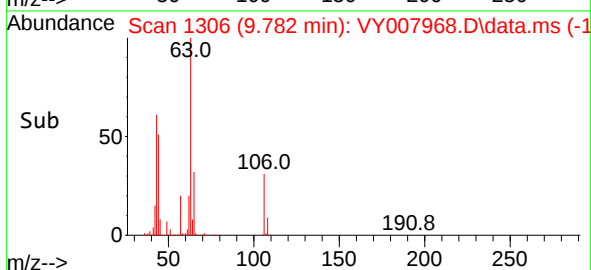
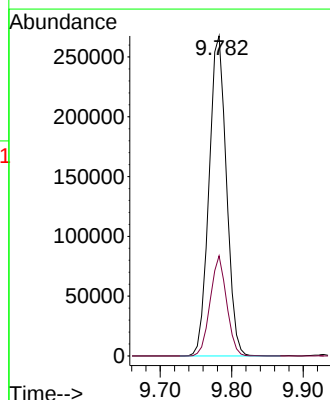
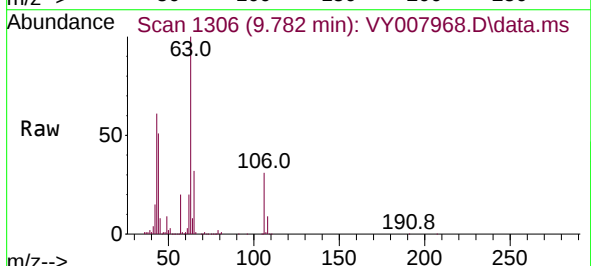
Acq: 21 Mar 2022 20:50

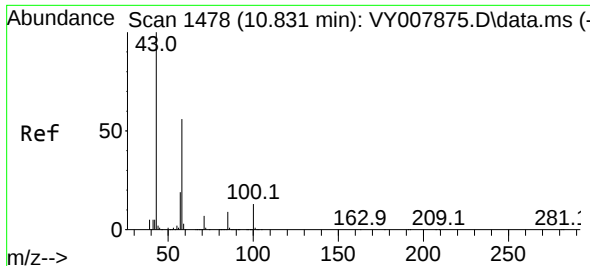
Tgt Ion: 63 Resp: 451035

Ion Ratio Lower Upper

63 100

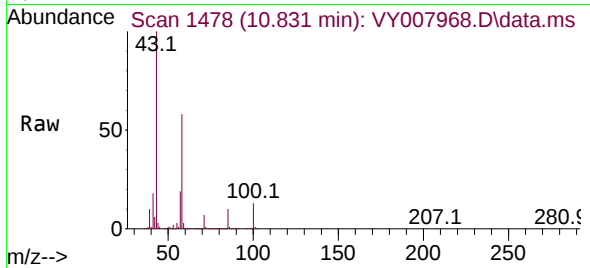
106 29.5 21.5 32.3





#59
2-Hexanone
Concen: 233.784 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50

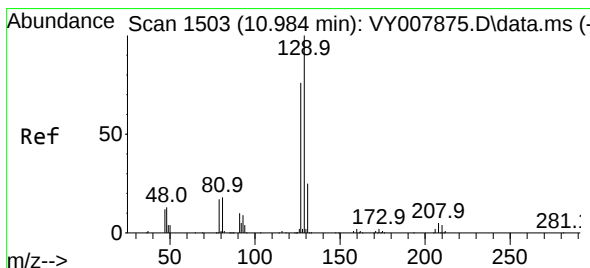
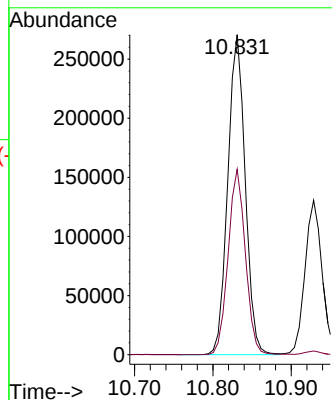
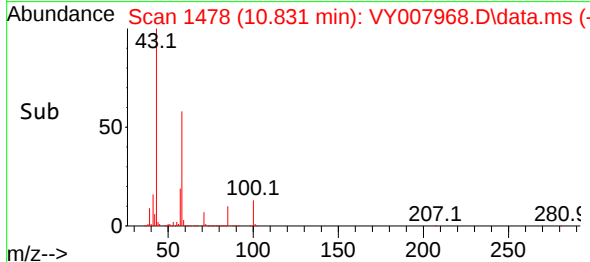
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



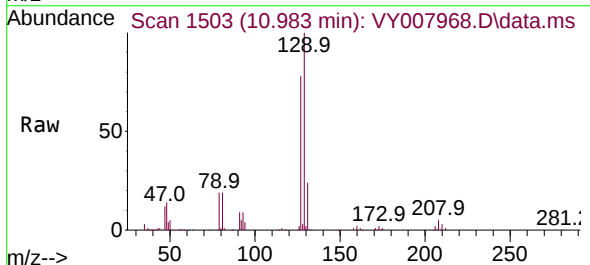
Tgt Ion: 43 Resp: 418194
Ion Ratio Lower Upper
43 100
58 57.4 24.4 73.4

Manual Integrations
APPROVED

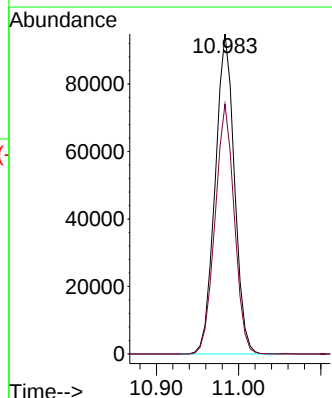
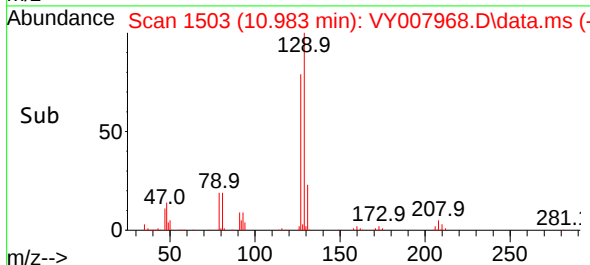
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

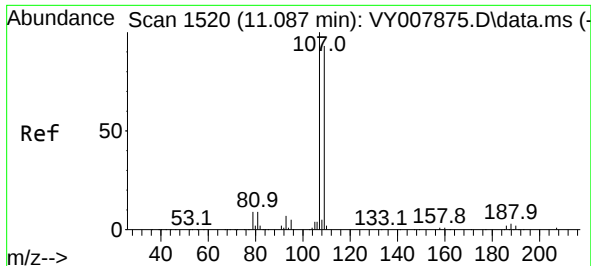


#60
Dibromochloromethane
Concen: 49.677 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50



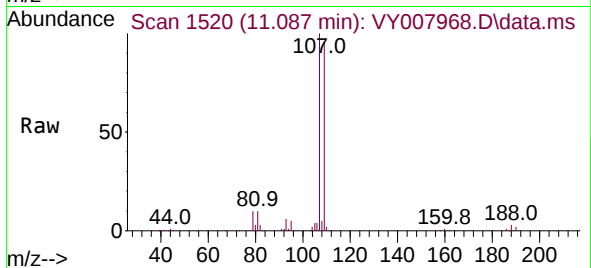
Tgt Ion:129 Resp: 154426
Ion Ratio Lower Upper
129 100
127 77.9 38.7 116.1





#61
1,2-Dibromoethane
Concen: 48.795 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50

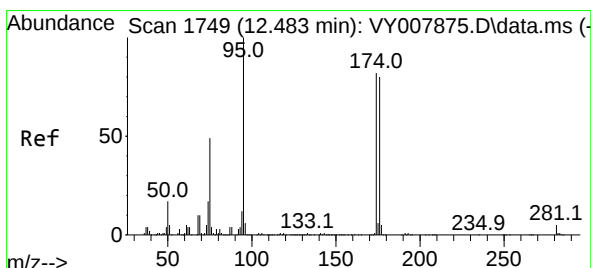
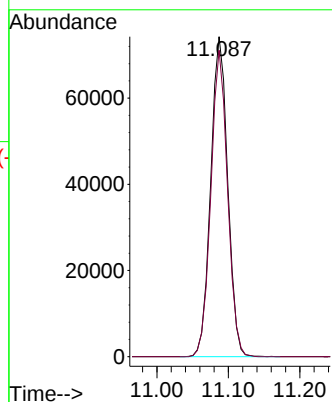
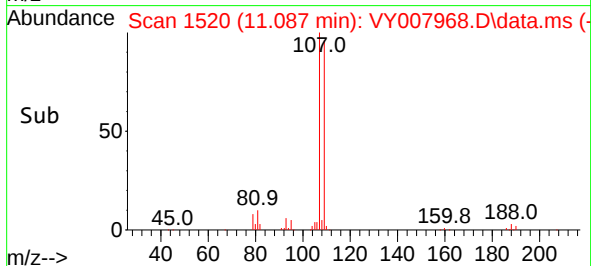
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



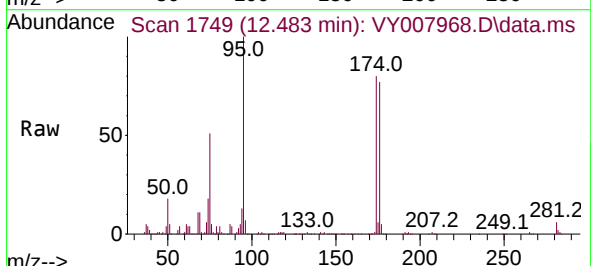
Tgt Ion:107 Resp: 122524
Ion Ratio Lower Upper
107 100
109 93.9 75.4 113.2

Manual Integrations
APPROVED

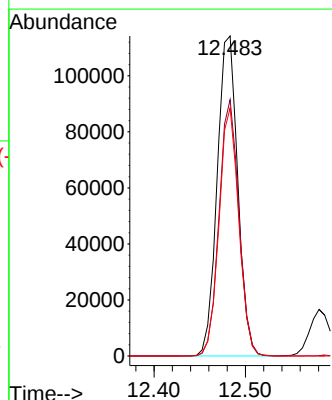
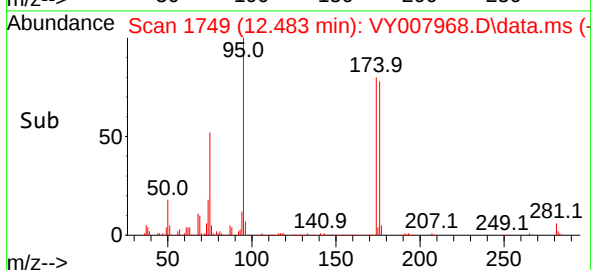
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

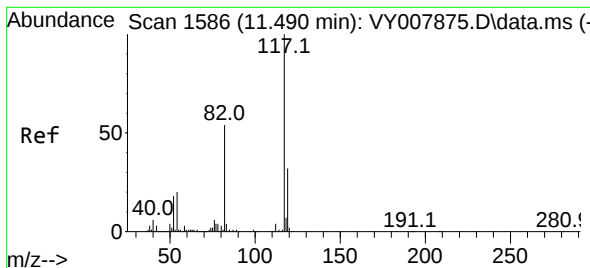


#62
4-Bromofluorobenzene
Concen: 45.747 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50



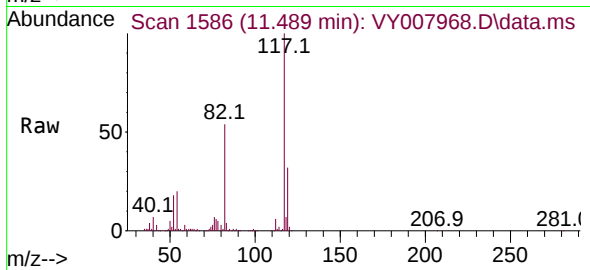
Tgt Ion: 95 Resp: 178663
Ion Ratio Lower Upper
95 100
174 77.2 0.0 177.0
176 74.1 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50

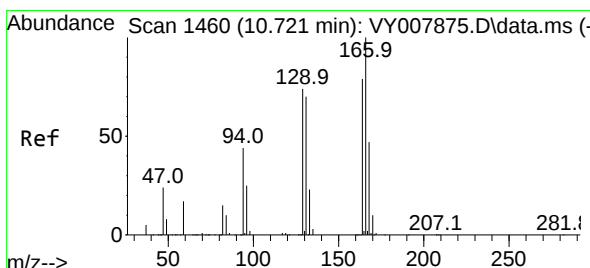
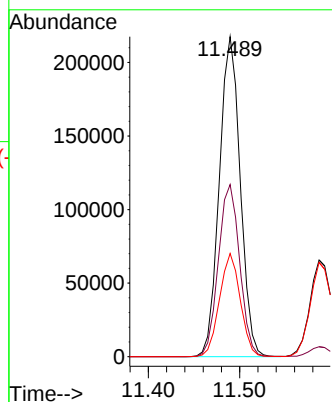
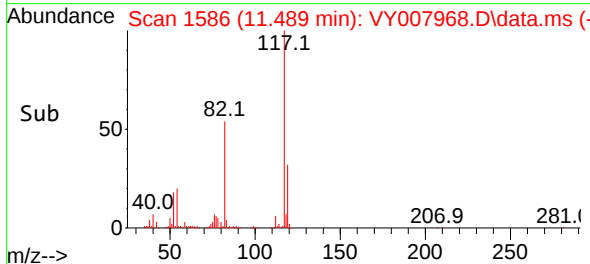
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 346438
Ion Ratio Lower Upper
117 100
82 53.8 43.0 64.4
119 32.2 25.4 38.0

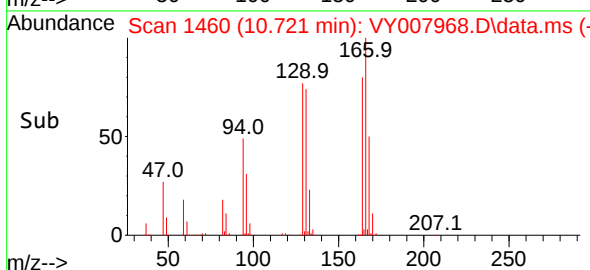
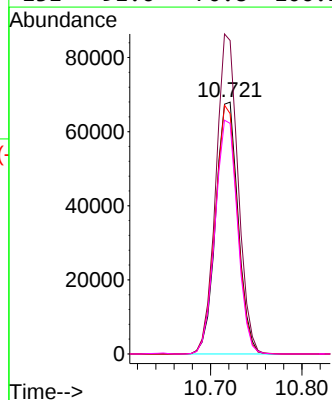
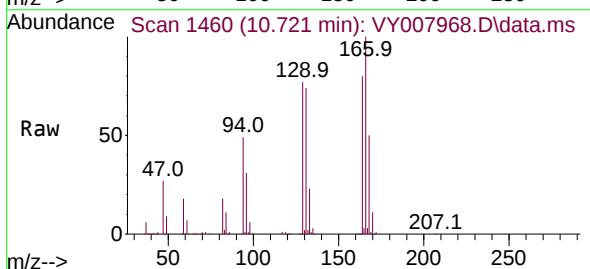
Manual Integrations
APPROVED

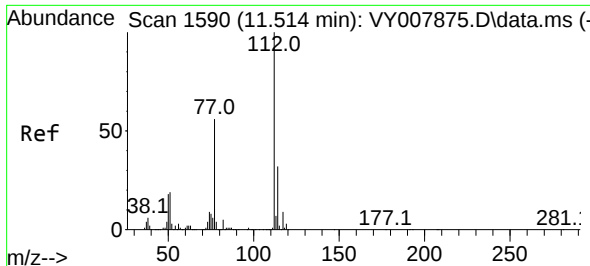
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#64
Tetrachloroethene
Concen: 42.746 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50

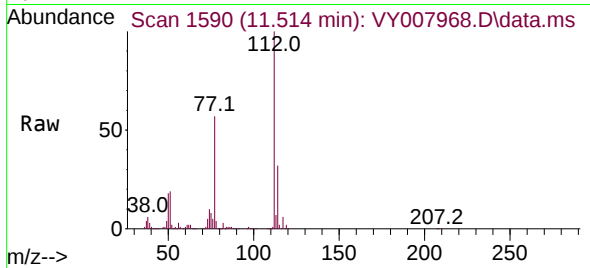
Tgt Ion:164 Resp: 115236
Ion Ratio Lower Upper
164 100
166 124.5 100.4 150.6
129 95.4 71.4 107.0
131 91.6 70.8 106.2





#65
Chlorobenzene
Concen: 48.640 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50

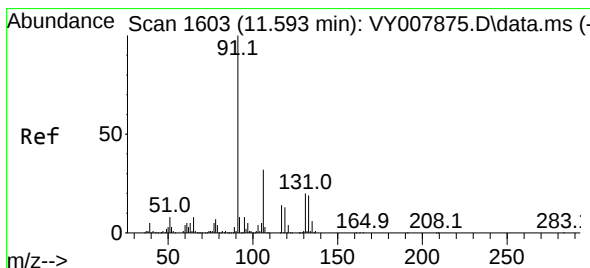
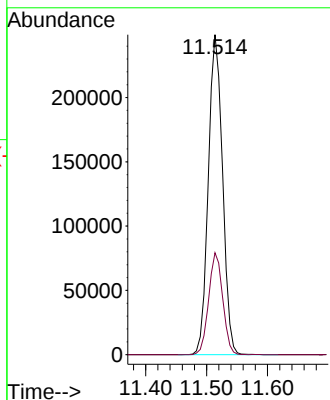
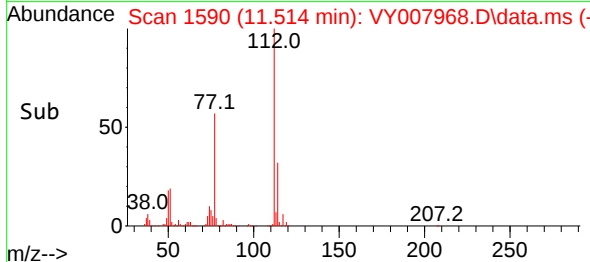
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



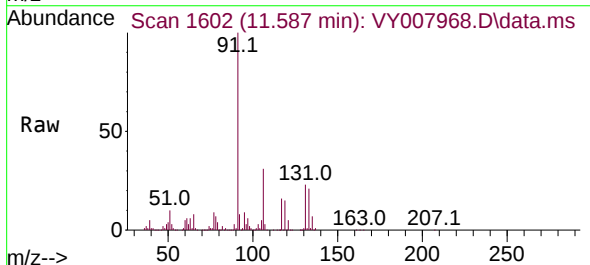
Tgt Ion:112 Resp: 403658
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6

Manual Integrations
APPROVED

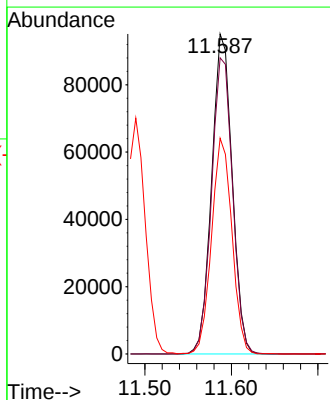
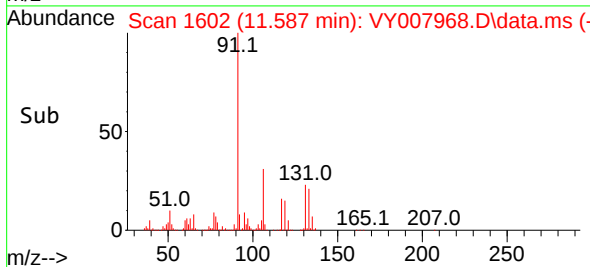
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

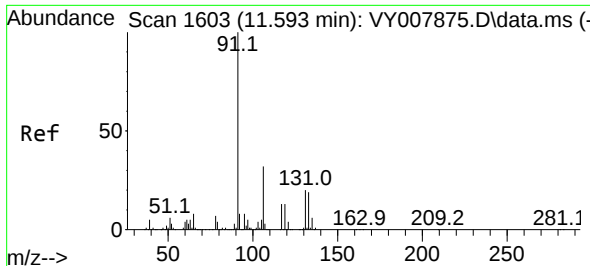


#66
1,1,1,2-Tetrachloroethane
Concen: 50.026 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50



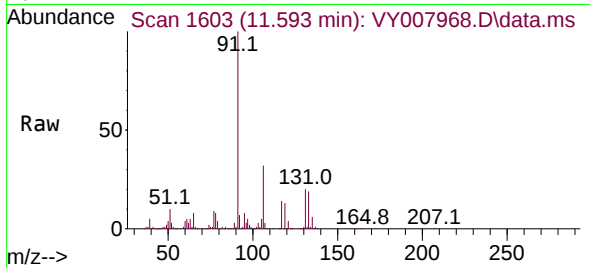
Tgt Ion:131 Resp: 156311
Ion Ratio Lower Upper
131 100
133 95.1 47.9 143.6
119 66.9 30.8 92.3





#67
Ethyl Benzene
Concen: 48.207 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50

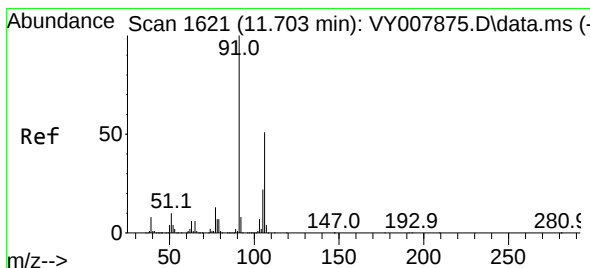
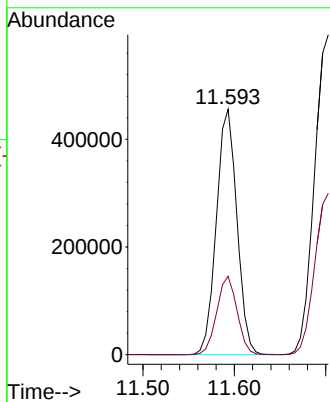
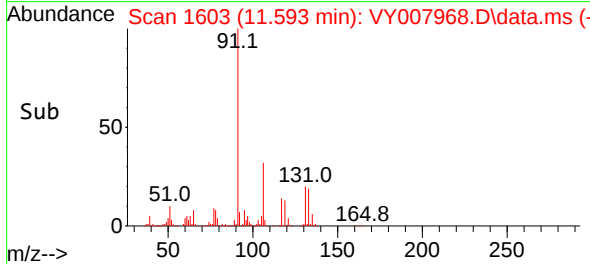
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



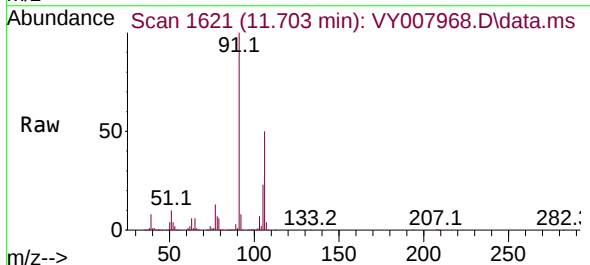
Tgt Ion: 91 Resp: 712644
Ion Ratio Lower Upper
91 100
106 31.9 24.5 36.7

Manual Integrations
APPROVED

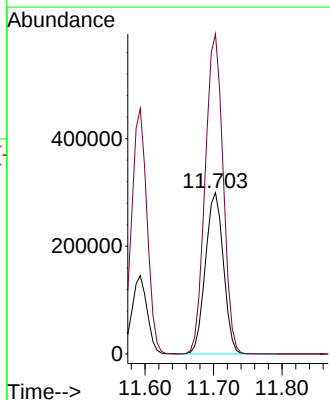
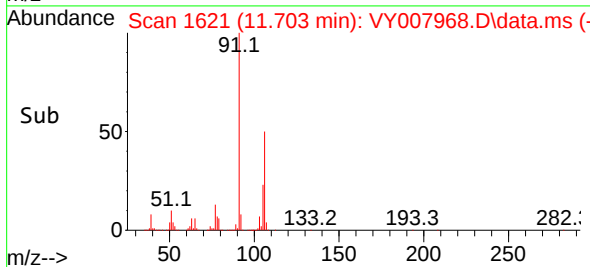
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

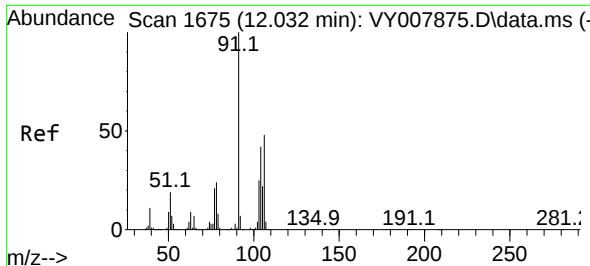


#68
m/p-Xylenes
Concen: 94.998 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50



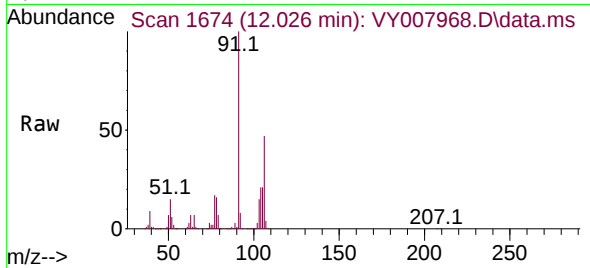
Tgt Ion:106 Resp: 547815
Ion Ratio Lower Upper
106 100
91 198.0 166.6 249.8





#69
o-Xylene
Concen: 48.295 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50

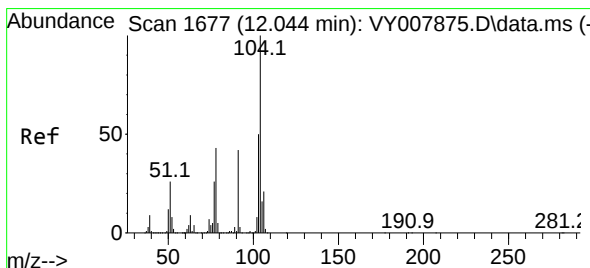
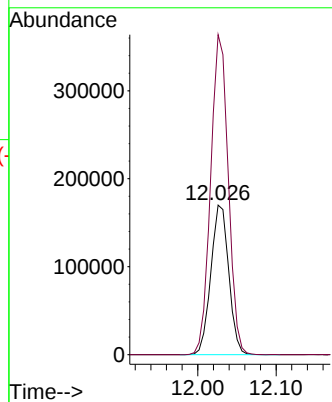
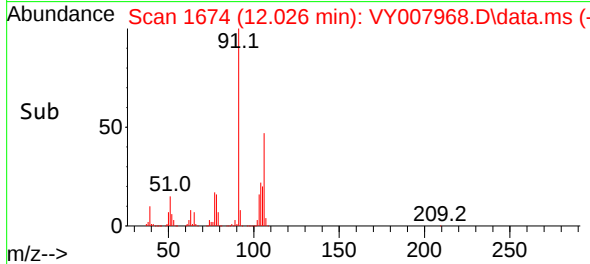
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 26938
Ion Ratio Lower Upper
106 100
91 210.9 110.3 331.0

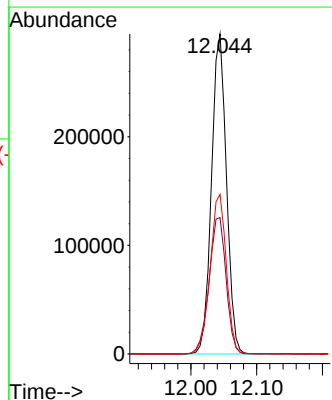
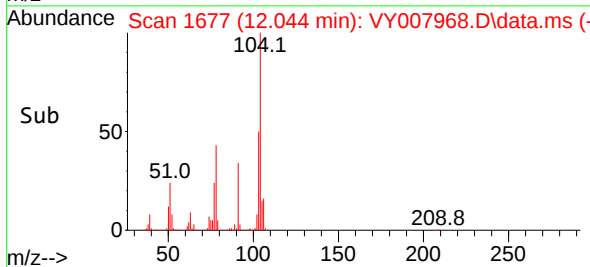
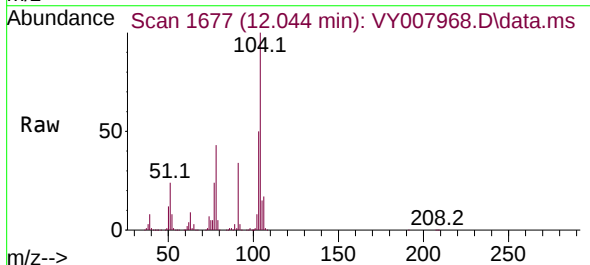
Manual Integrations
APPROVED

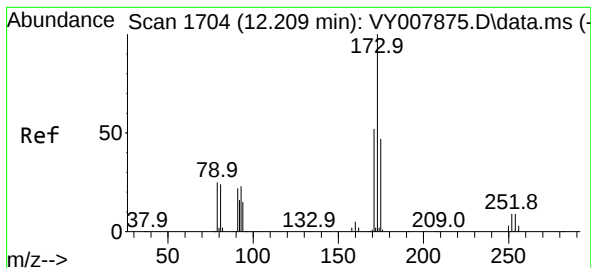
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#70
Styrene
Concen: 49.670 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50

Tgt Ion:104 Resp: 465806
Ion Ratio Lower Upper
104 100
78 48.5 42.4 63.6
103 54.1 44.4 66.6





#71

Bromoform

Concen: 46.821 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY007968.D

Acq: 21 Mar 2022 20:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

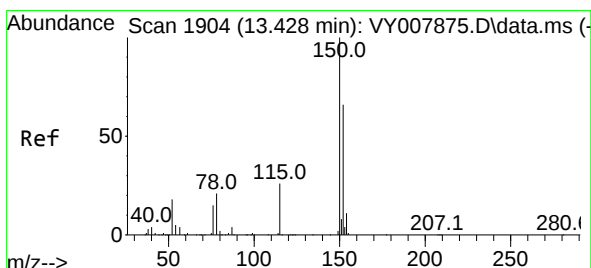
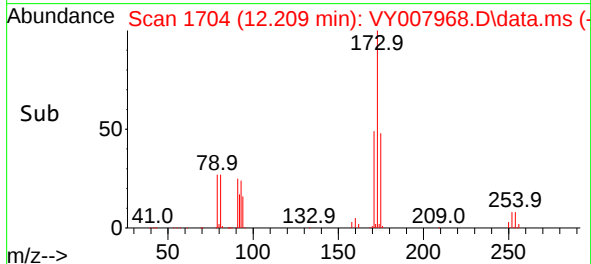
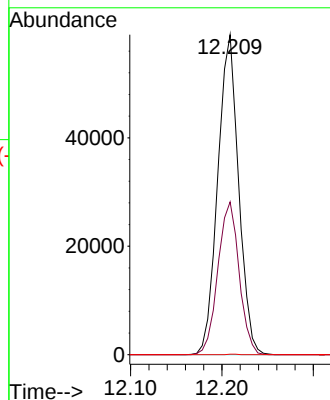
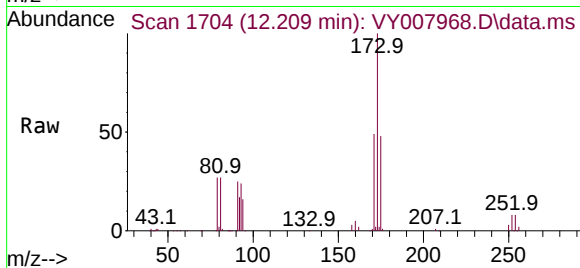
Tgt Ion:	173	Resp:	93708
Ion Ratio	Lower	Upper	
173	100		
175	48.5	24.6	74.0
254	0.1	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 03/22/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

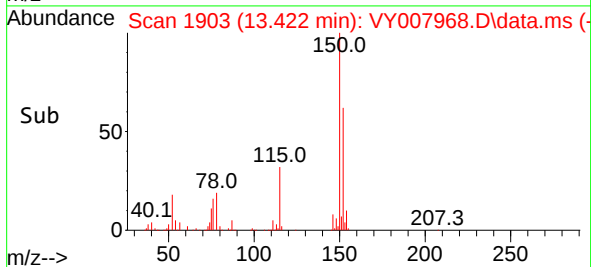
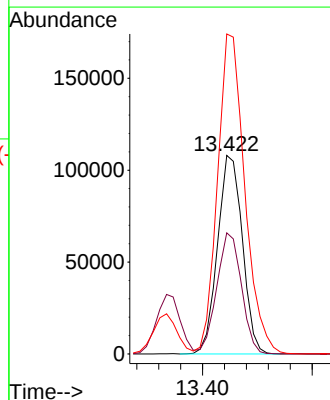
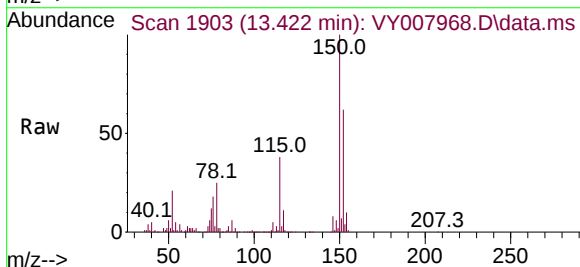
RT: 13.422 min Scan# 1903

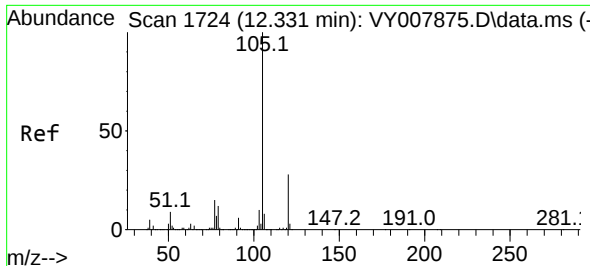
Delta R.T. -0.006 min

Lab File: VY007968.D

Acq: 21 Mar 2022 20:50

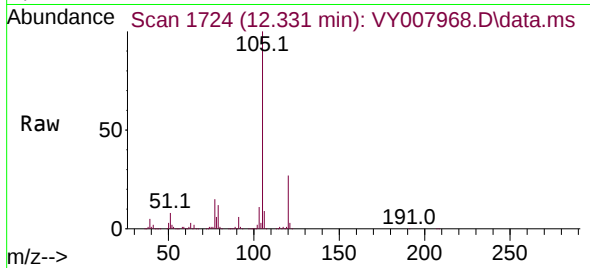
Tgt Ion:	152	Resp:	169919
Ion Ratio	Lower	Upper	
152	100		
115	60.7	28.2	84.7
150	177.2	0.0	347.6





#73
Isopropylbenzene
Concen: 48.524 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50

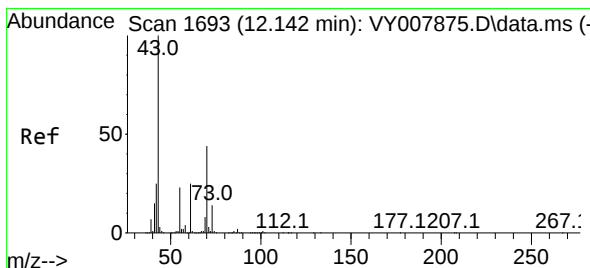
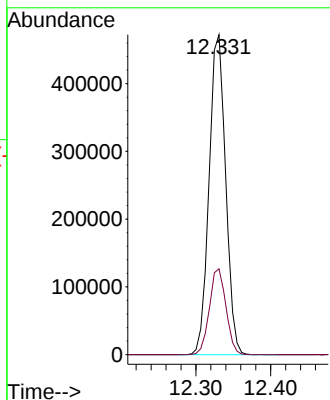
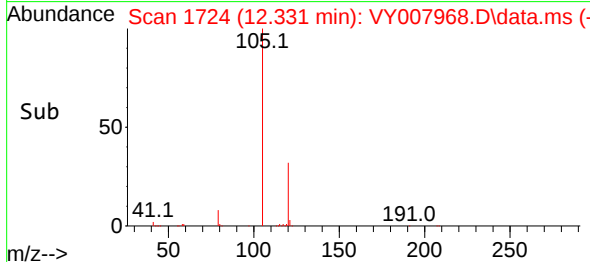
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



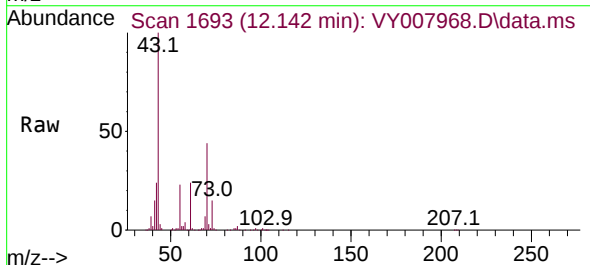
Tgt Ion:105 Resp: 725754
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.2

Manual Integrations
APPROVED

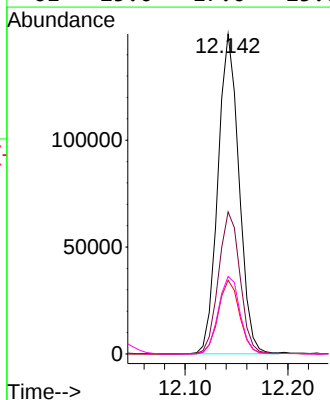
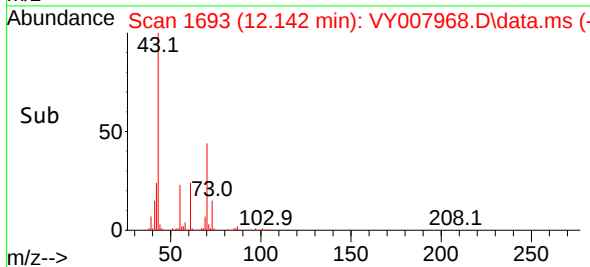
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

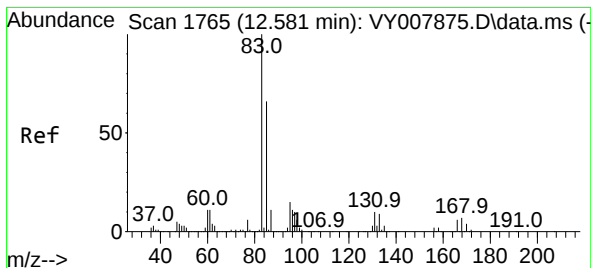


#74
N-ethyl acetate
Concen: 48.186 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50



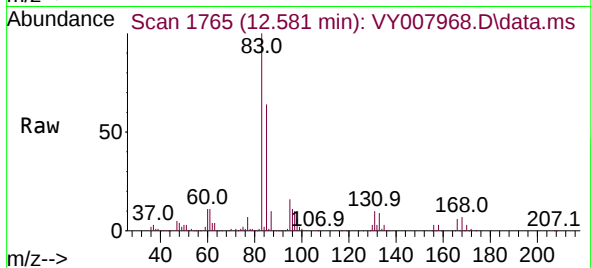
Tgt Ion: 43 Resp: 212628
Ion Ratio Lower Upper
43 100
70 45.5 28.7 43.1#
55 23.6 17.3 25.9
61 25.0 17.0 25.6





#75
1,1,2,2-Tetrachloroethane
Concen: 50.490 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50

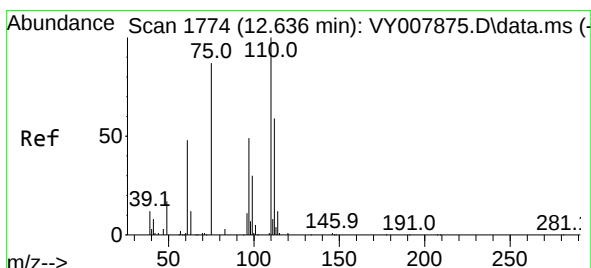
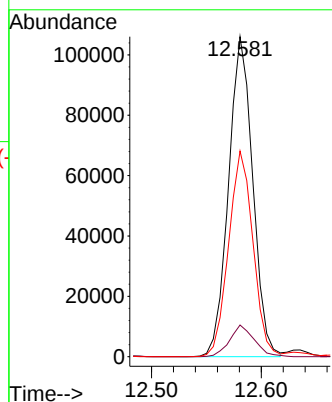
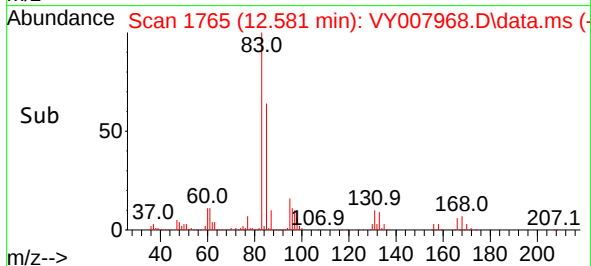
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



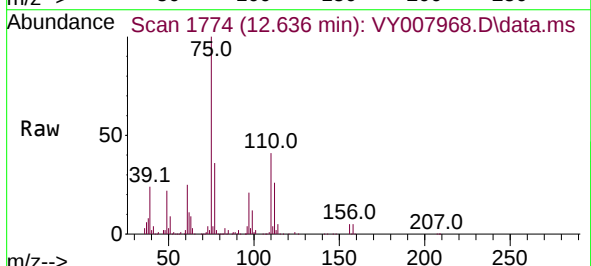
Tgt Ion: 83 Resp: 16255
Ion Ratio Lower Upper
83 100
131 10.0 5.6 16.8
85 65.1 32.3 96.8

Manual Integrations
APPROVED

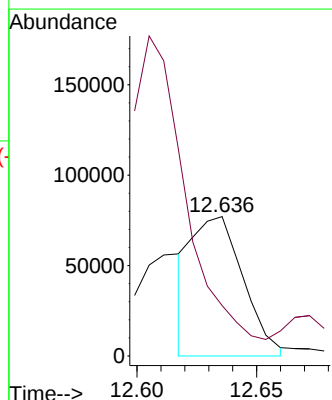
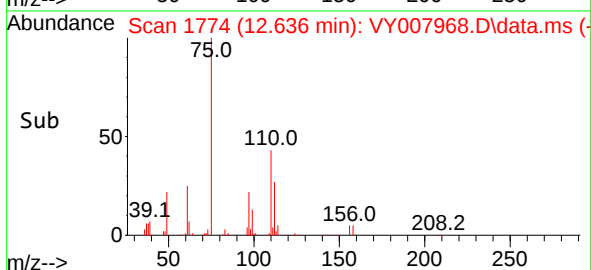
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

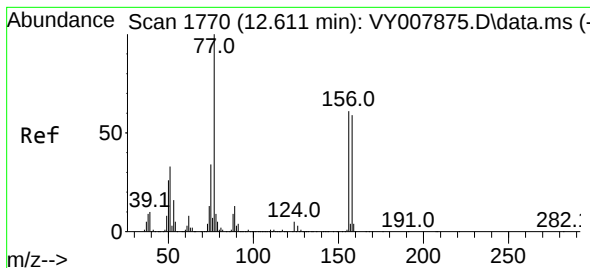


#76
1,2,3-Trichloropropane
Concen: 47.949 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50



Tgt Ion: 75 Resp: 116128
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.897 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY007968.D

Acq: 21 Mar 2022 20:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

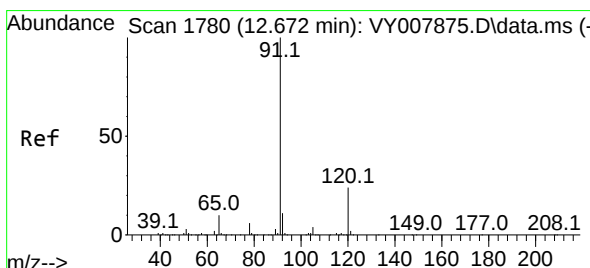
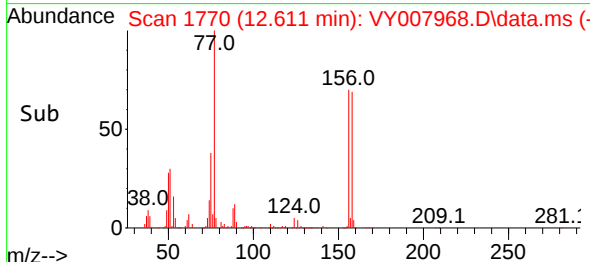
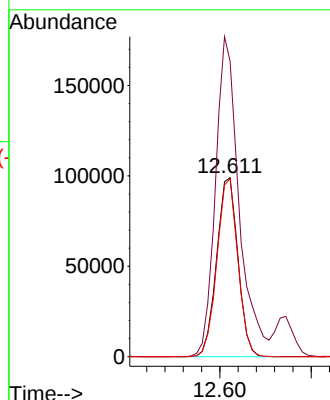
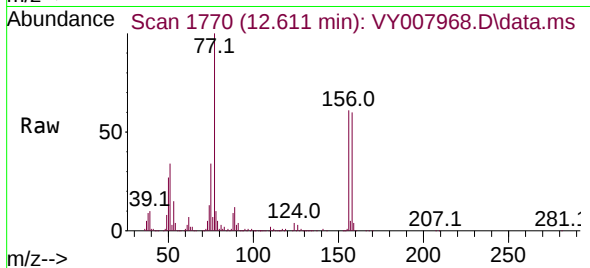
Tgt Ion:	156	Resp:	16028
Ion Ratio	Lower	Upper	
156	100		
77	198.3	95.5	286.4
158	97.3	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 03/22/2022



#78

n-propylbenzene

Concen: 48.024 ug/l

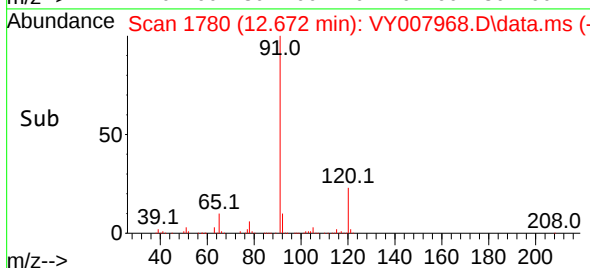
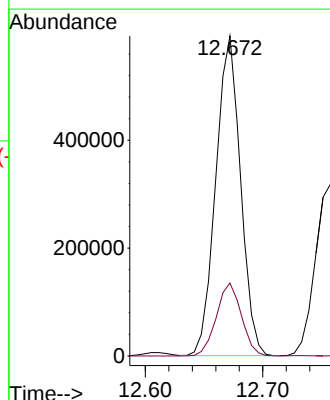
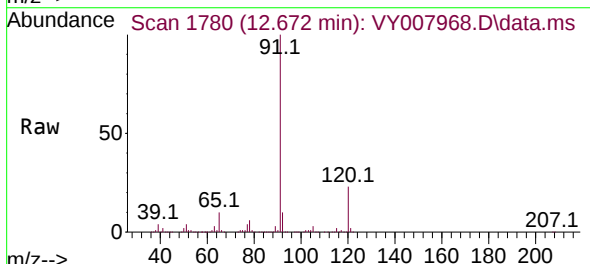
RT: 12.672 min Scan# 1780

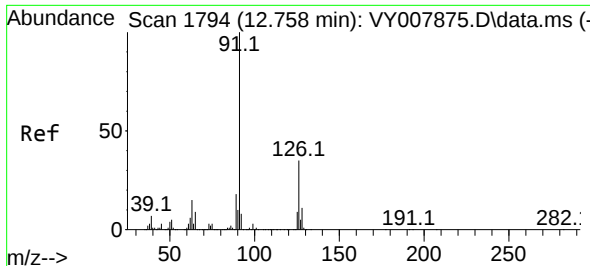
Delta R.T. -0.000 min

Lab File: VY007968.D

Acq: 21 Mar 2022 20:50

Tgt Ion:	91	Resp:	867336
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.3	33.9





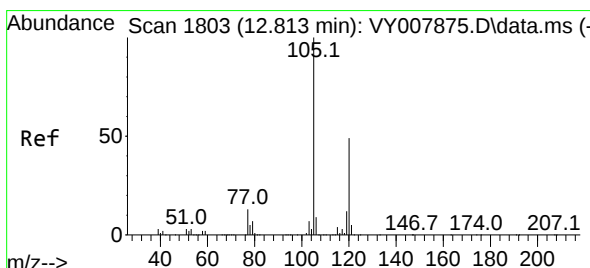
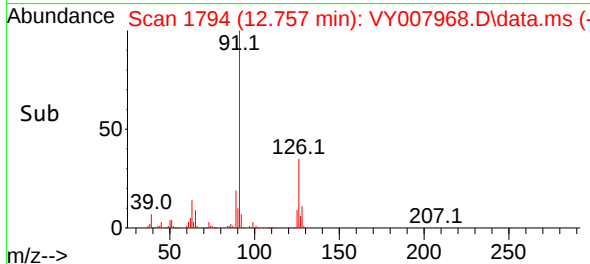
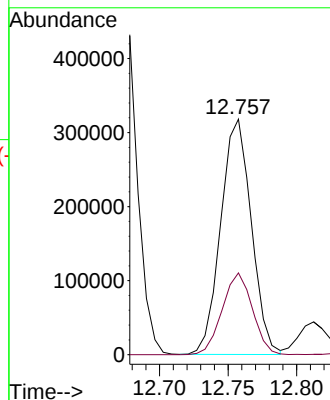
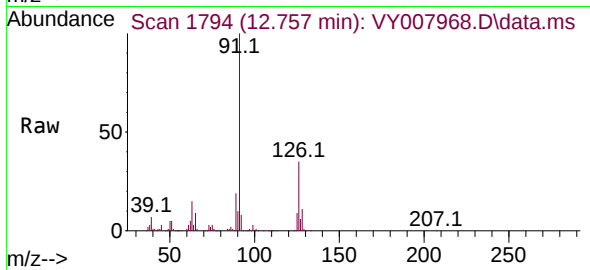
#79
2-Chlorotoluene
Concen: 48.643 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 49427
Ion Ratio Lower Upper
91 100
126 34.3 16.9 50.6

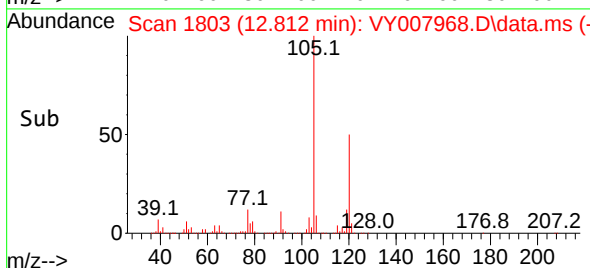
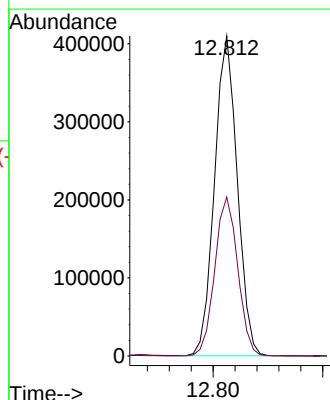
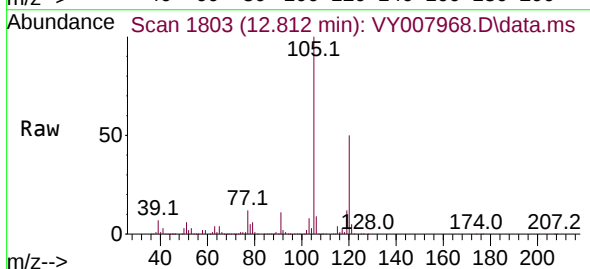
Manual Integrations
APPROVED

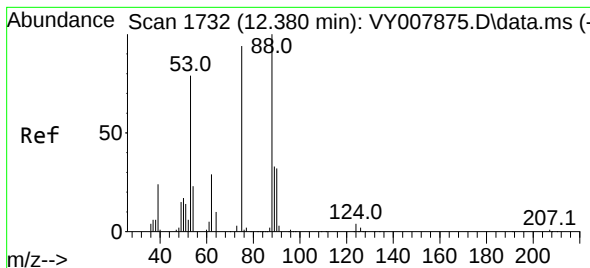
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#80
1,3,5-Trimethylbenzene
Concen: 48.015 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50

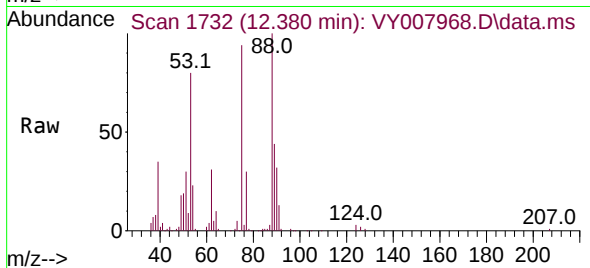
Tgt Ion:105 Resp: 590571
Ion Ratio Lower Upper
105 100
120 50.2 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 46.263 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50

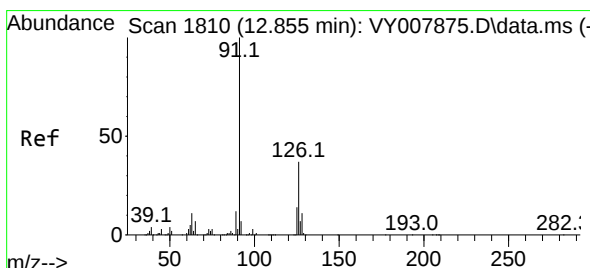
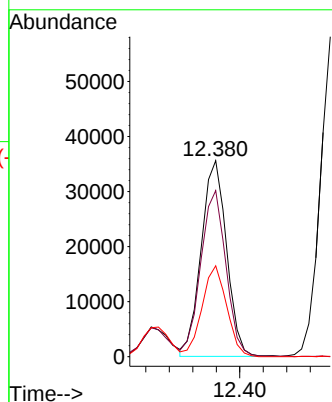
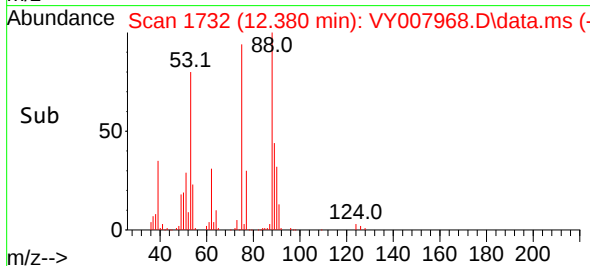
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 53344
Ion Ratio Lower Upper
75 100
53 84.8 85.3 127.9
89 45.2 37.0 55.4

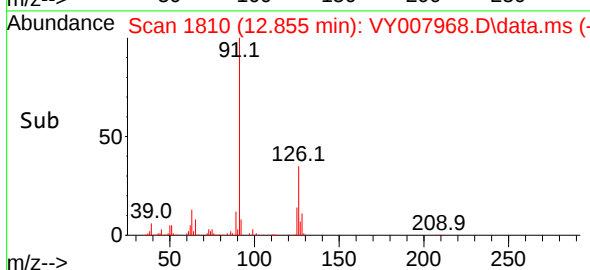
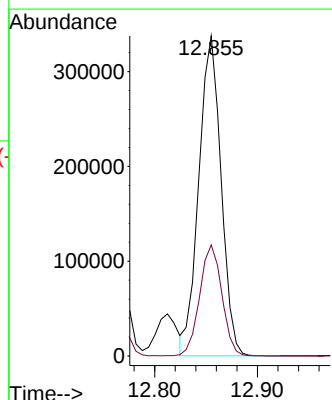
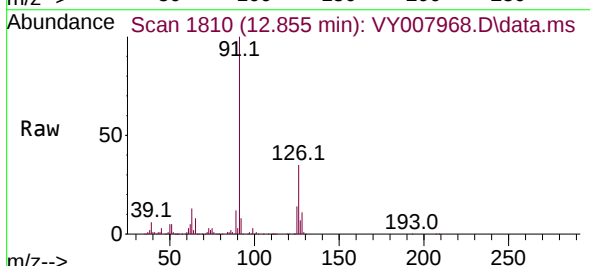
Manual Integrations
APPROVED

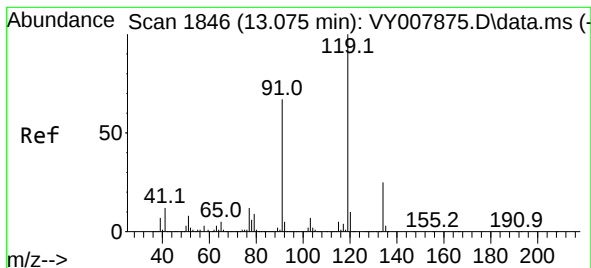
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#82
4-Chlorotoluene
Concen: 48.202 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50

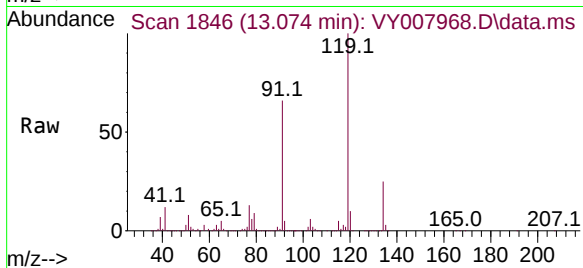
Tgt Ion: 91 Resp: 508810
Ion Ratio Lower Upper
91 100
126 34.7 17.0 51.0





#83
tert-Butylbenzene
Concen: 49.466 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50

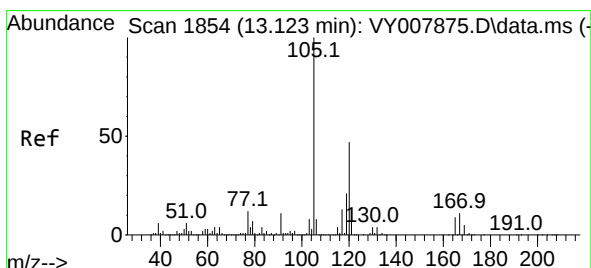
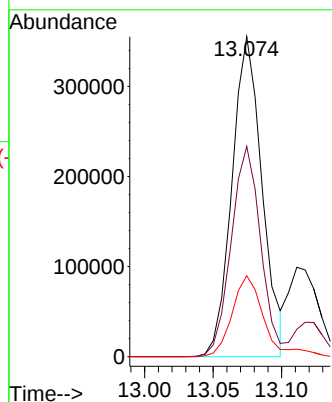
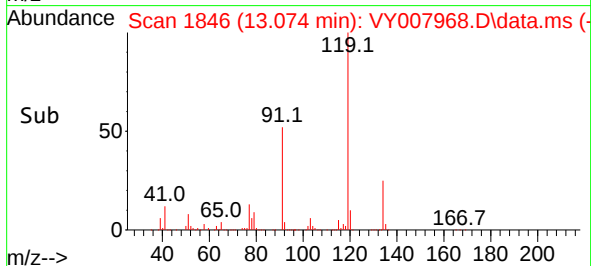
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



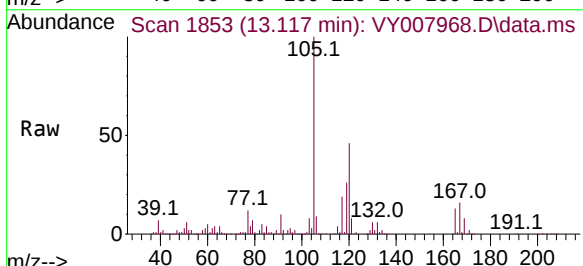
Tgt Ion:119 Resp: 54445
Ion Ratio Lower Upper
119 100
91 64.0 34.8 104.4
134 26.8 13.3 39.9

Manual Integrations
APPROVED

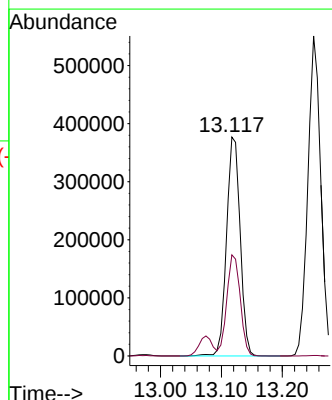
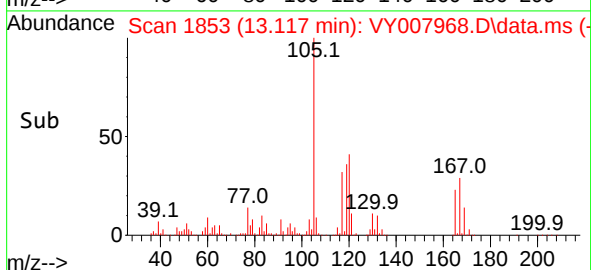
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

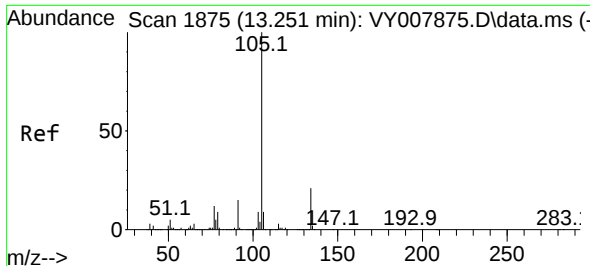


#84
1,2,4-Trimethylbenzene
Concen: 48.512 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50



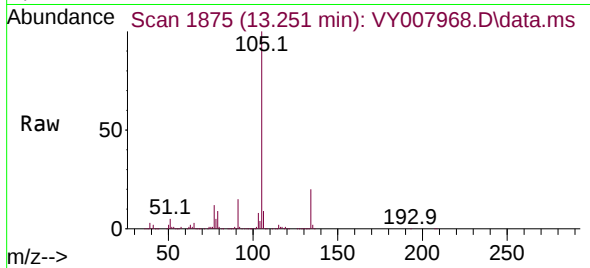
Tgt Ion:105 Resp: 584917
Ion Ratio Lower Upper
105 100
120 45.5 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 49.048 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY007968.D
 Acq: 21 Mar 2022 20:50

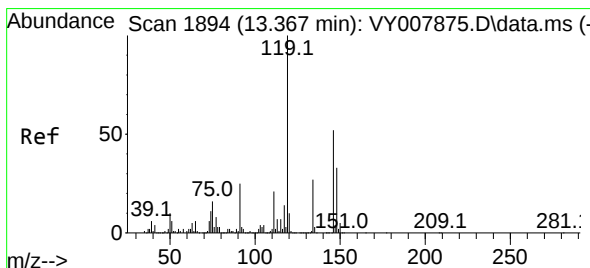
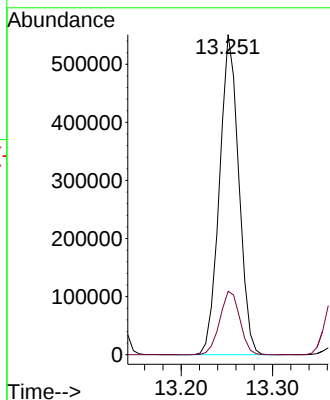
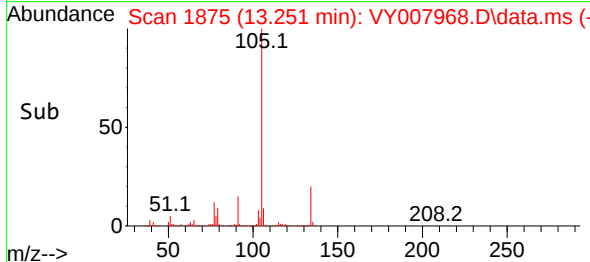
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



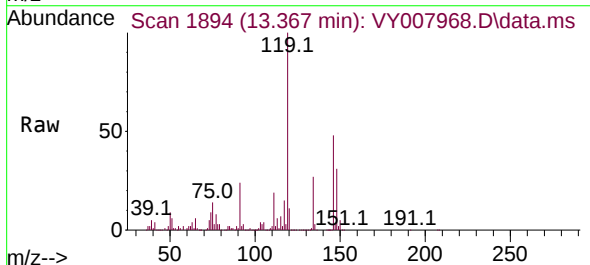
Tgt Ion:105 Resp: 809050
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.4

Manual Integrations
 APPROVED

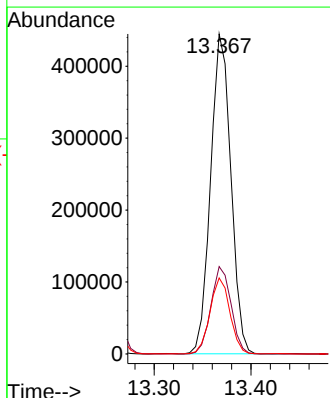
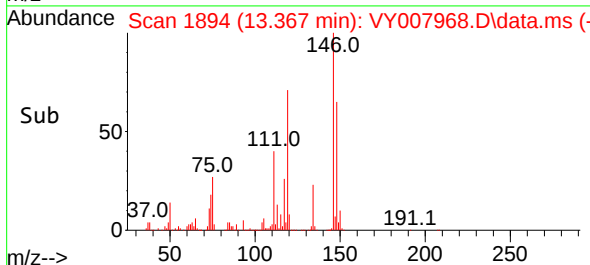
Reviewed By :John Carlone 03/22/2022
 Supervised By :Mahesh Dadoda 03/22/2022

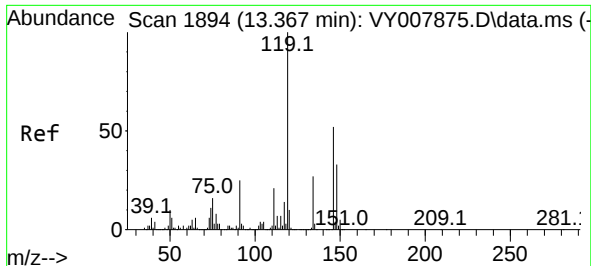


#86
 p-Isopropyltoluene
 Concen: 48.330 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY007968.D
 Acq: 21 Mar 2022 20:50



Tgt Ion:119 Resp: 647206
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.2 39.5
 91 23.3 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 48.591 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY007968.D

Acq: 21 Mar 2022 20:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 324344

Ion Ratio Lower Upper

146 100

111 40.5 19.5 58.5

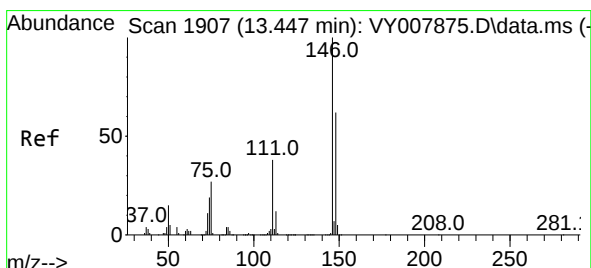
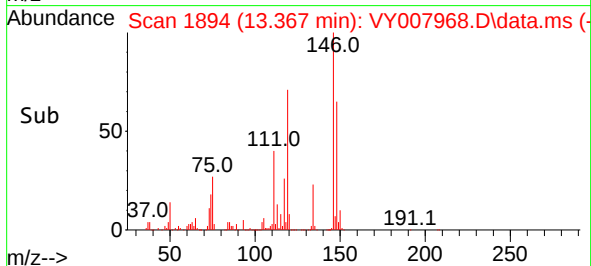
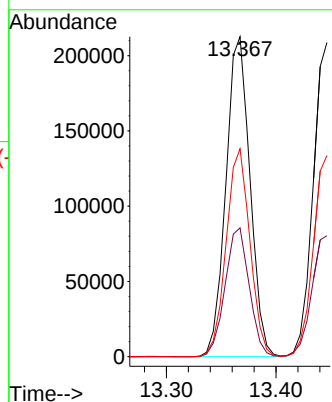
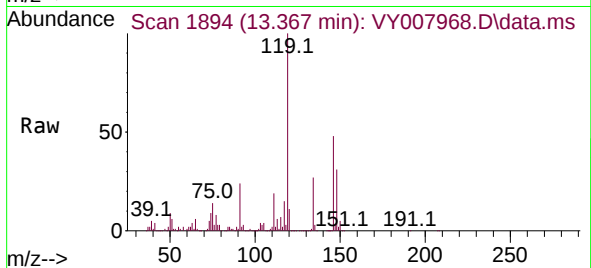
148 64.2 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 03/22/2022



#88

1,4-Dichlorobenzene

Concen: 48.426 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY007968.D

Acq: 21 Mar 2022 20:50

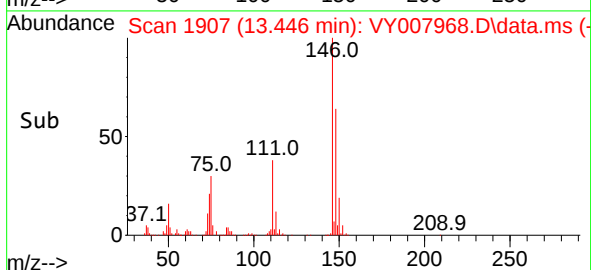
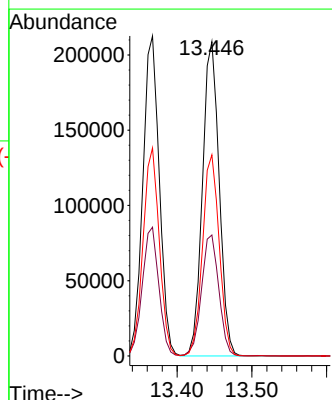
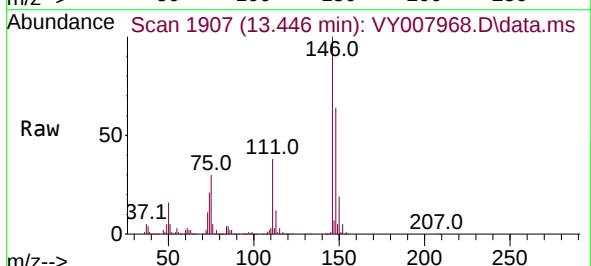
Tgt Ion:146 Resp: 323978

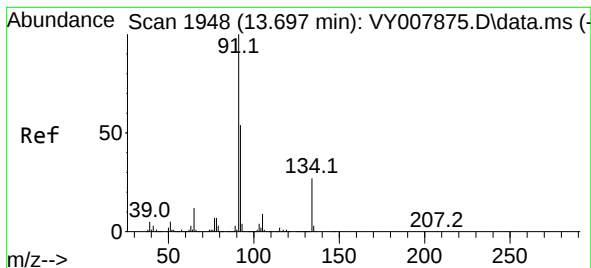
Ion Ratio Lower Upper

146 100

111 39.8 19.3 57.8

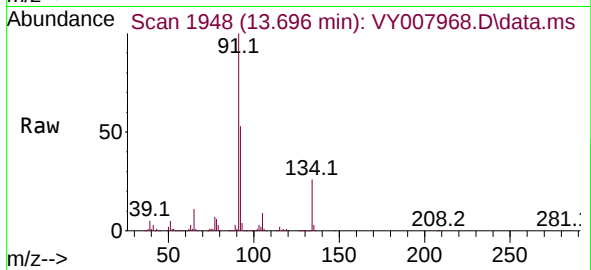
148 64.0 32.6 97.8





#89
n-Butylbenzene
Concen: 48.216 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50

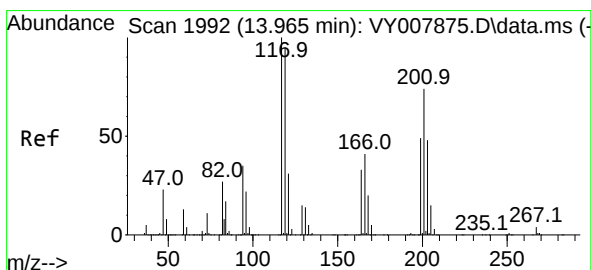
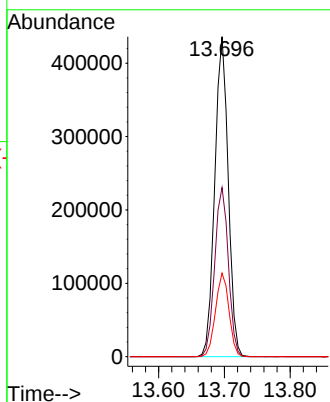
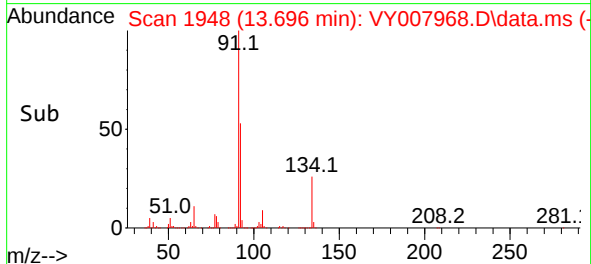
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 61964
Ion Ratio Lower Upper
91 100
92 53.9 26.3 78.9
134 26.2 13.0 38.9

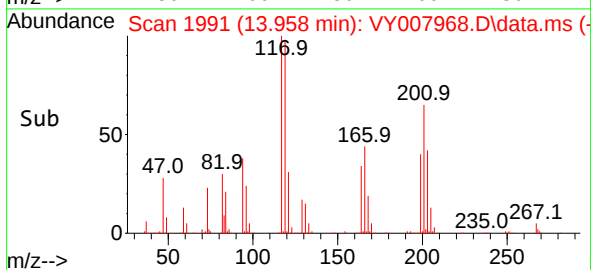
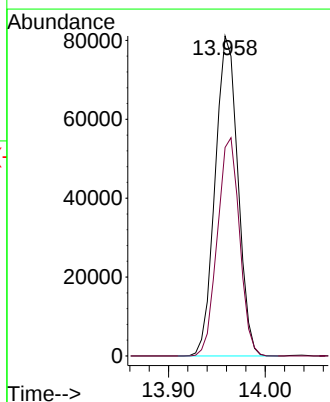
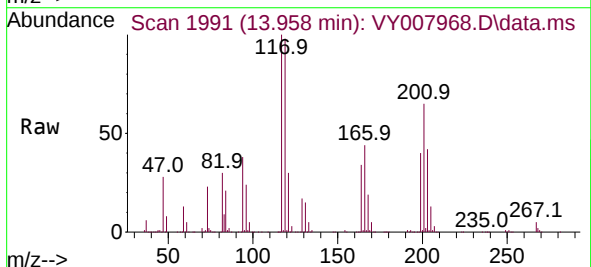
Manual Integrations
APPROVED

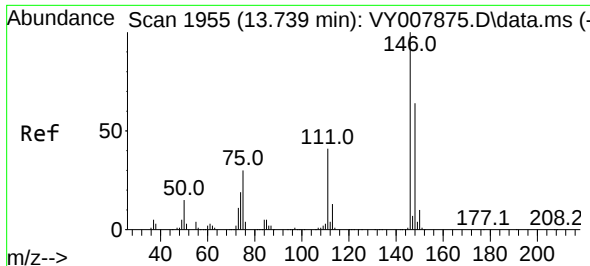
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#90
Hexachloroethane
Concen: 49.462 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.006 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50

Tgt Ion:117 Resp: 132207
Ion Ratio Lower Upper
117 100
201 66.6 43.0 128.8





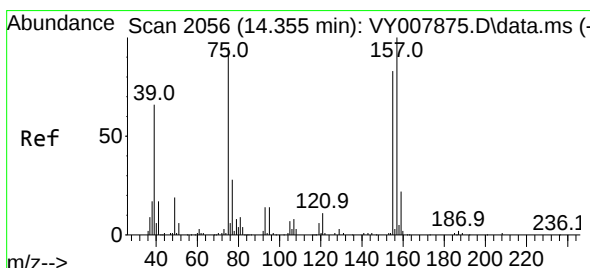
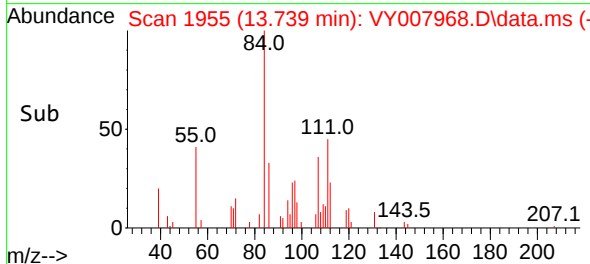
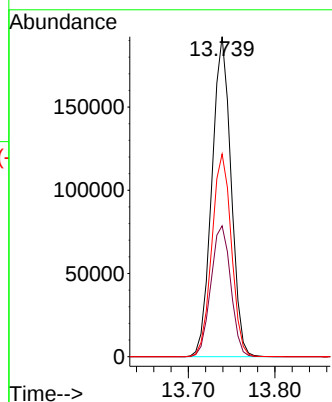
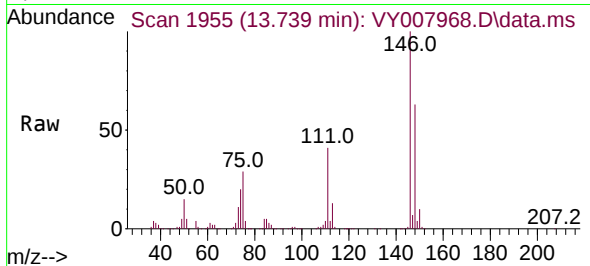
#91
1,2-Dichlorobenzene
Concen: 49.193 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 295359
Ion Ratio Lower Upper
146 100
111 42.3 20.3 60.9
148 64.5 32.3 96.9

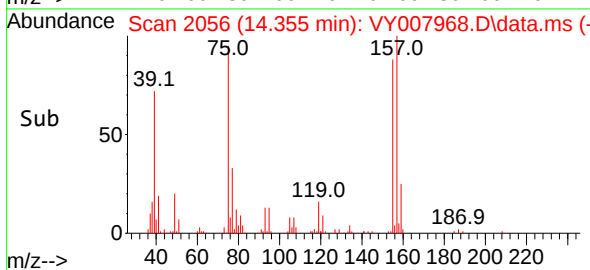
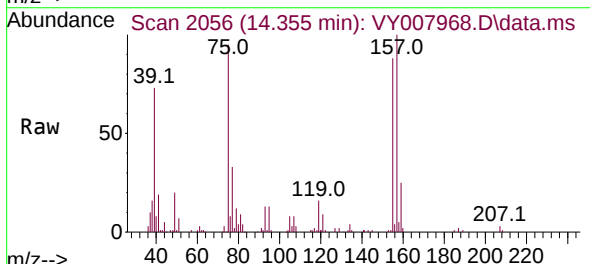
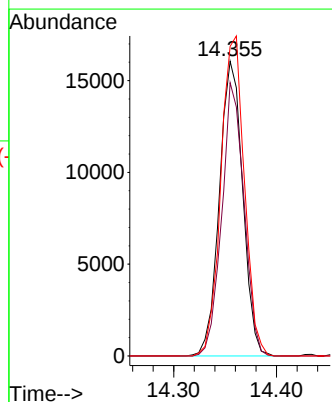
Manual Integrations
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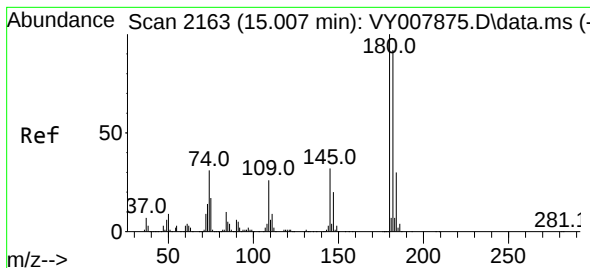
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.626 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50

Tgt Ion: 75 Resp: 25271
Ion Ratio Lower Upper
75 100
155 88.0 38.0 113.9
157 109.3 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 43.679 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY007968.D

Acq: 21 Mar 2022 20:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 16578

Ion Ratio Lower Upper

180 100

182 95.3 47.3 141.9

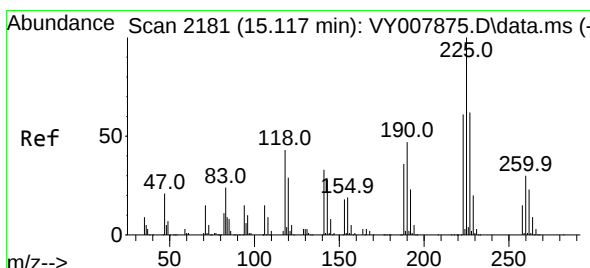
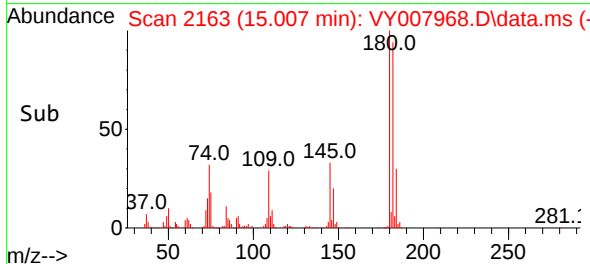
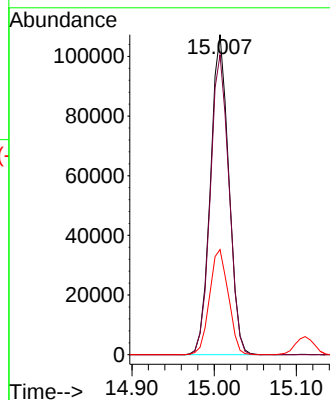
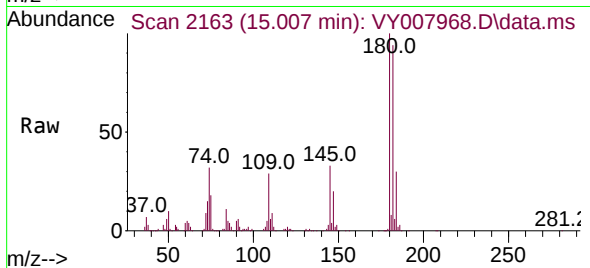
145 33.7 14.6 43.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 03/22/2022



#94

Hexachlorobutadiene

Concen: 41.379 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.006 min

Lab File: VY007968.D

Acq: 21 Mar 2022 20:50

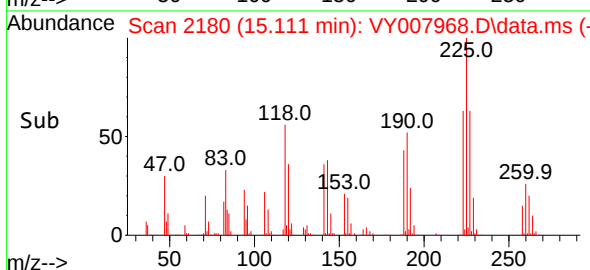
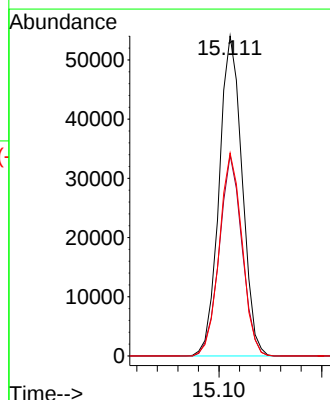
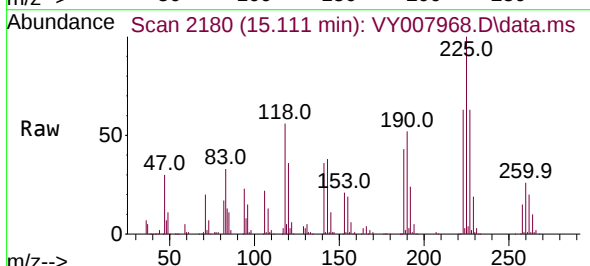
Tgt Ion:225 Resp: 83788

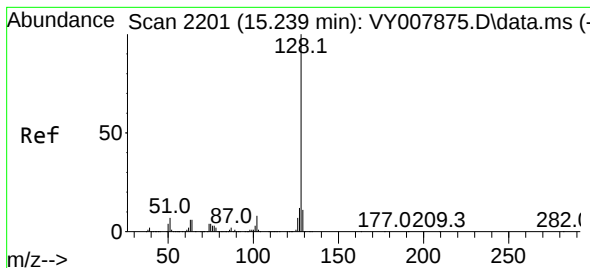
Ion Ratio Lower Upper

225 100

223 61.9 30.8 92.3

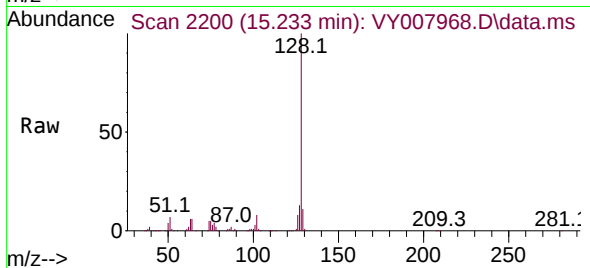
227 62.9 31.6 94.7





#95
Naphthalene
Concen: 46.734 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50

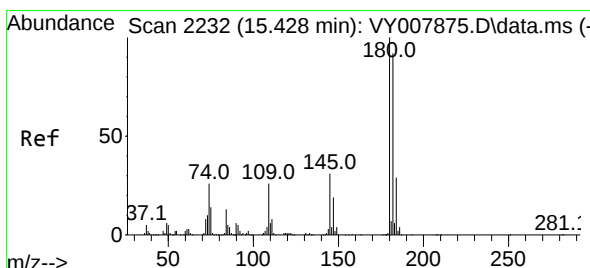
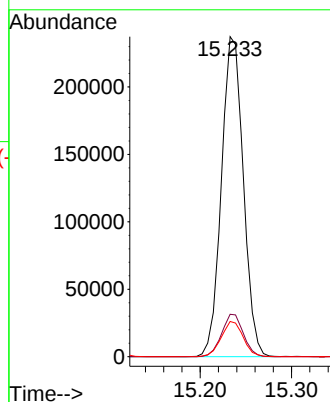
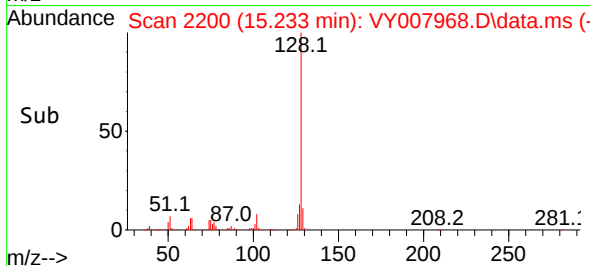
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



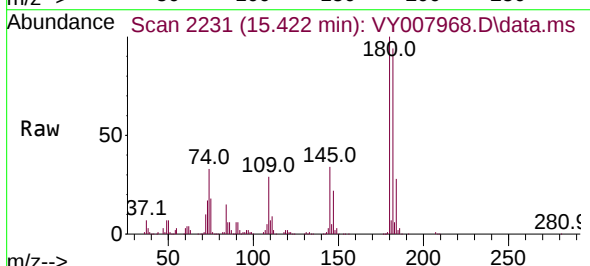
Tgt Ion:128 Resp: 39574
Ion Ratio Lower Upper
128 100
127 13.1 11.0 16.4
129 11.0 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#96
1,2,3-Trichlorobenzene
Concen: 43.869 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY007968.D
Acq: 21 Mar 2022 20:50



Tgt Ion:180 Resp: 146855
Ion Ratio Lower Upper
180 100
182 95.0 47.3 141.9
145 34.3 15.3 45.9

