

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060722\
 Data File : VY009173.D
 Acq On : 07 Jun 2022 18:48
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/08/2022
 Supervised By : Mahesh Dadoda 06/08/2022

Quant Time: Jun 08 07:59:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	107647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	180207	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	178030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	119526	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	55653	50.234	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.460%	
35) Dibromofluoromethane	7.710	113	58734	52.413	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.820%	
50) Toluene-d8	10.179	98	182022	44.030	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 88.060%	
62) 4-Bromofluorobenzene	12.477	95	99584	59.716	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 119.440%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	48448	49.208	ug/l	99
3) Chloromethane	2.107	50	94964	67.326	ug/l	98
4) Vinyl Chloride	2.241	62	147906	70.778	ug/l	96
5) Bromomethane	2.625	94	132508	64.688	ug/l	98
6) Chloroethane	2.778	64	107659	72.721	ug/l	98
7) Trichlorofluoromethane	3.113	101	102092	57.528	ug/l	100
8) Diethyl Ether	3.521	74	31329	56.458	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.887	101	57402	52.629	ug/l	94
10) Methyl Iodide	4.082	142	59113	52.487	ug/l	93
11) Tert butyl alcohol	4.942	59	28743	255.776	ug/l #	94
12) 1,1-Dichloroethene	3.863	96	52802	52.150	ug/l	79
13) Acrolein	3.716	56	3607	97.515	ug/l	97
14) Allyl chloride	4.472	41	80398	52.690	ug/l #	86
15) Acrylonitrile	5.149	53	85738	275.954	ug/l	99
16) Acetone	3.936	43	63227	274.168	ug/l	95
17) Carbon Disulfide	4.180	76	158342	47.869	ug/l	99
18) Methyl Acetate	4.466	43	39429	54.905	ug/l #	88
19) Methyl tert-butyl Ether	5.210	73	167060	54.972	ug/l	98
20) Methylene Chloride	4.704	84	71881	56.908	ug/l	87
21) trans-1,2-Dichloroethene	5.210	96	65015	50.028	ug/l	82
22) Diisopropyl ether	6.112	45	200186	54.609	ug/l #	95
23) Vinyl Acetate	6.051	43	692682	285.655	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	118016	53.825	ug/l	98
25) 2-Butanone	6.978	43	115028	279.260	ug/l #	87
26) 2,2-Dichloropropane	6.972	77	107943	53.444	ug/l	96
27) cis-1,2-Dichloroethene	6.972	96	76964	52.536	ug/l	89
28) Bromochloromethane	7.325	49	35972	47.798	ug/l #	92
29) Tetrahydrofuran	7.338	42	77482	276.923	ug/l #	85
30) Chloroform	7.502	83	126866	53.602	ug/l	100
31) Cyclohexane	7.777	56	101751	46.947	ug/l	90
32) 1,1,1-Trichloroethane	7.697	97	112925	52.590	ug/l	99
36) 1,1-Dichloropropene	7.911	75	95835	50.253	ug/l	98
37) Ethyl Acetate	7.069	43	53822	54.408	ug/l	98
38) Carbon Tetrachloride	7.892	117	101081	50.668	ug/l	99
39) Methylcyclohexane	9.179	83	118426	48.110	ug/l	88
40) Benzene	8.155	78	284769	51.784	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	31738m	62.173	ug/l	
42) 1,2-Dichloroethane	8.228	62	86684	53.681	ug/l	93
43) Isopropyl Acetate	8.270	43	106108	57.686	ug/l #	93
44) Trichloroethene	8.935	130	74226	50.977	ug/l	99
45) 1,2-Dichloropropane	9.209	63	70921	53.710	ug/l	97
46) Dibromomethane	9.301	93	44748	53.296	ug/l	93
47) Bromodichloromethane	9.496	83	101177	52.728	ug/l	99
48) Methyl methacrylate	9.289	41	46374	56.461	ug/l #	81
49) 1,4-Dioxane	9.295	88	12188	1085.917	ug/l #	84
51) 4-Methyl-2-Pentanone	10.069	43	296409	291.173	ug/l	91
52) Toluene	10.240	92	195990	50.998	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	110625	54.290	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	116505	53.185	ug/l	91
55) 1,1,2-Trichloroethane	10.642	97	62435	53.152	ug/l	99
56) Ethyl methacrylate	10.508	69	82675	55.051	ug/l	88
57) 1,3-Dichloropropane	10.788	76	103157	53.835	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	154763	238.200	ug/l	97
59) 2-Hexanone	10.831	43	208066	298.523	ug/l	91
60) Dibromochloromethane	10.983	129	74662	52.434	ug/l	100
61) 1,2-Dibromoethane	11.087	107	59335	50.975	ug/l	98
64) Tetrachloroethene	10.715	164	65703	50.704	ug/l	98
65) Chlorobenzene	11.514	112	211285	51.707	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	81050	54.170	ug/l	97
67) Ethyl Benzene	11.587	91	393776	53.474	ug/l	99
68) m/p-Xylenes	11.703	106	330952	110.709	ug/l	92
69) o-Xylene	12.026	106	155206	55.910	ug/l	92
70) Styrene	12.044	104	279869	58.624	ug/l	94
71) Bromoform	12.209	173	54561	55.009	ug/l #	98
73) Isopropylbenzene	12.325	105	420841	47.087	ug/l	100
74) N-amyl acetate	12.142	43	118495	57.464	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	89316	48.513	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	64247m	50.054	ug/l	
77) Bromobenzene	12.605	156	93688	45.221	ug/l	98
78) n-propylbenzene	12.672	91	542422	52.530	ug/l	99
79) 2-Chlorotoluene	12.757	91	292917	49.178	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	379971	50.722	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	31863	50.951	ug/l	89
82) 4-Chlorotoluene	12.855	91	323592	50.794	ug/l	98
83) tert-Butylbenzene	13.074	119	331355	49.857	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	387992	52.174	ug/l	98
85) sec-Butylbenzene	13.251	105	513355	50.485	ug/l	100
86) p-Isopropyltoluene	13.367	119	443788	52.336	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	224029	50.691	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	223311	50.294	ug/l	98
89) n-Butylbenzene	13.696	91	399016	51.435	ug/l	99
90) Hexachloroethane	13.958	117	78172	49.193	ug/l	84
91) 1,2-Dichlorobenzene	13.739	146	197855	50.716	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	13759	48.136	ug/l	84
93) 1,2,4-Trichlorobenzene	15.007	180	95089	44.412	ug/l	99
94) Hexachlorobutadiene	15.111	225	49871	42.737	ug/l	97
95) Naphthalene	15.239	128	201156	46.768	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	82355	44.264	ug/l	99

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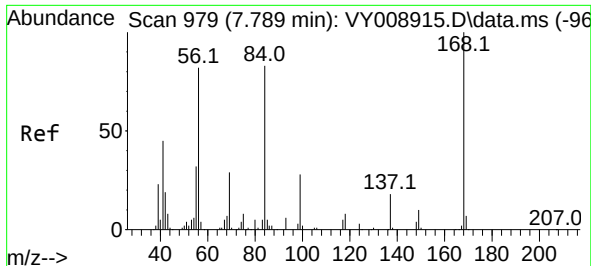
Manual Integrations
APPROVED

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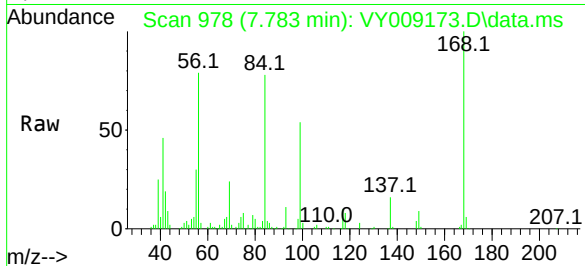
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
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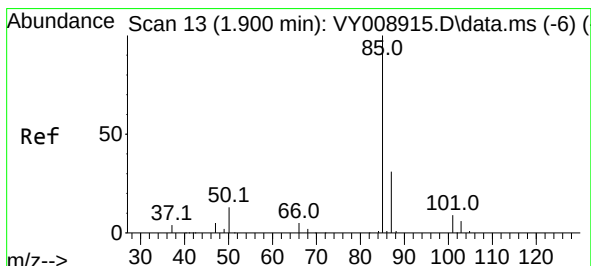
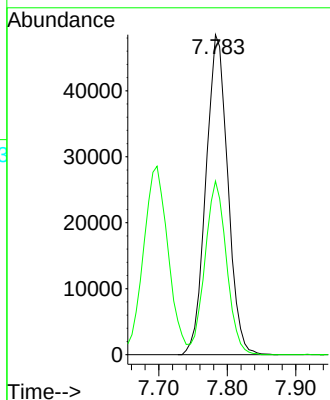
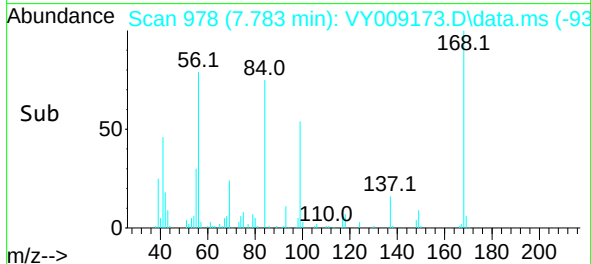
Instrument :
MSVOA_Y
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VSTDCCC050EC



Tgt Ion:168 Resp: 10764
Ion Ratio Lower Upper
168 100
99 54.2 46.9 70.3

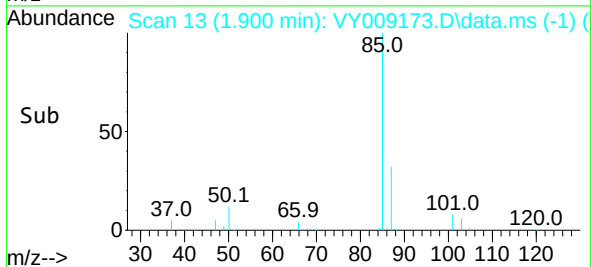
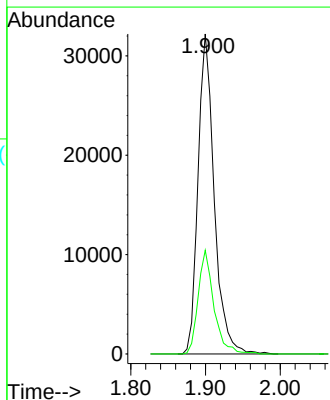
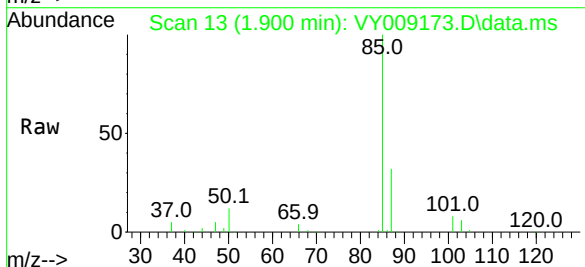
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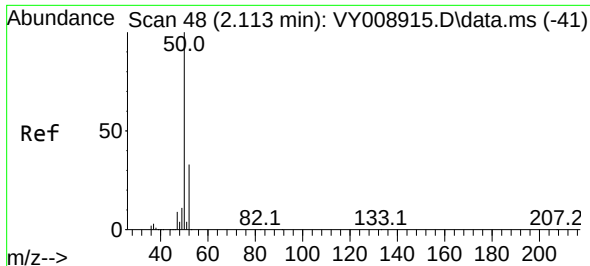
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#2
Dichlorodifluoromethane
Concen: 49.208 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48

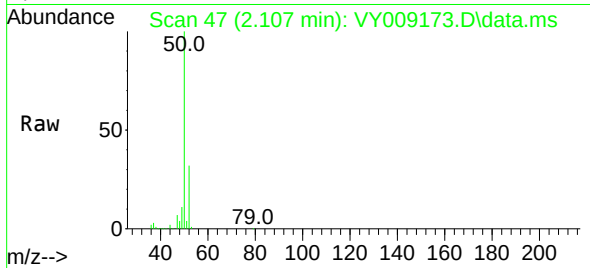
Tgt Ion: 85 Resp: 48448
Ion Ratio Lower Upper
85 100
87 32.4 16.1 48.2





#3
Chloromethane
Concen: 67.326 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48

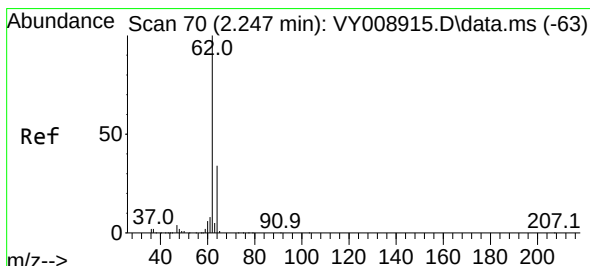
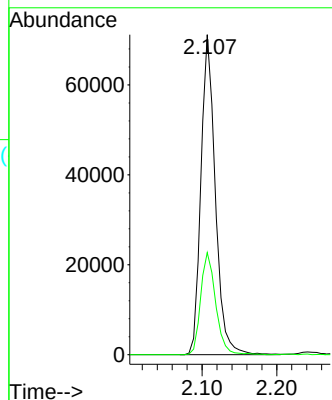
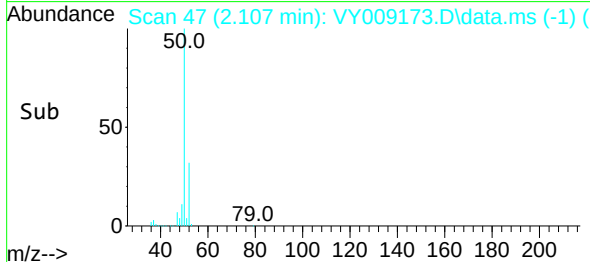
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Tgt Ion: 50 Resp: 94964
Ion Ratio Lower Upper
50 100
52 31.9 24.6 37.0

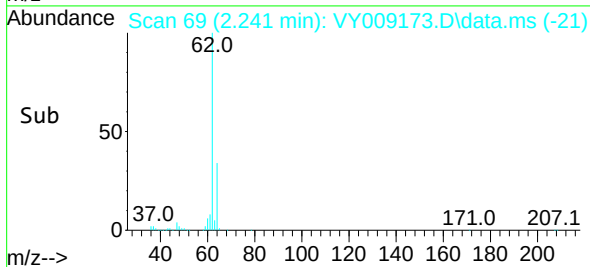
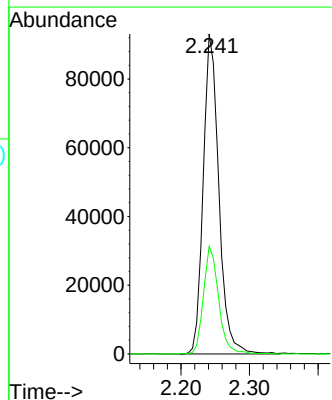
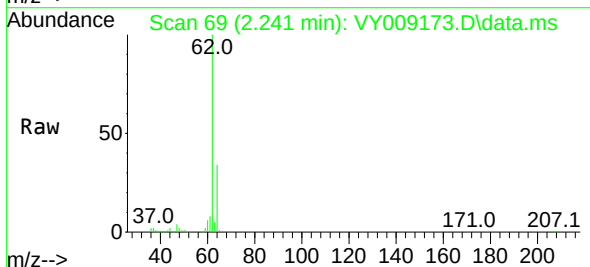
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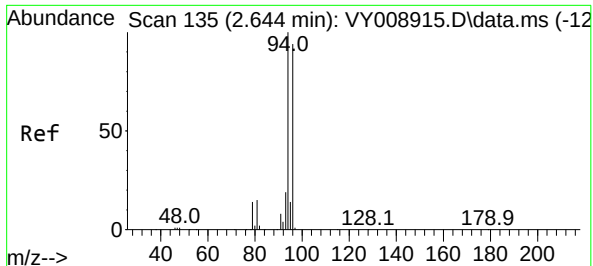
Reviewed By :John Carlone 06/08/2022
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#4
Vinyl Chloride
Concen: 70.778 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.006 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48

Tgt Ion: 62 Resp: 147906
Ion Ratio Lower Upper
62 100
64 33.6 25.0 37.6





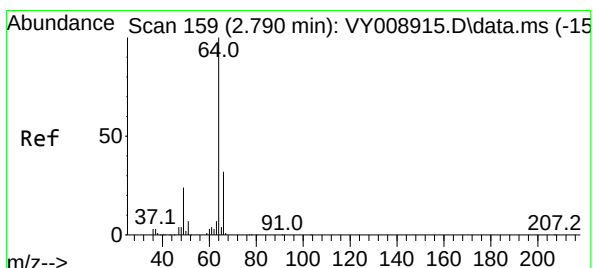
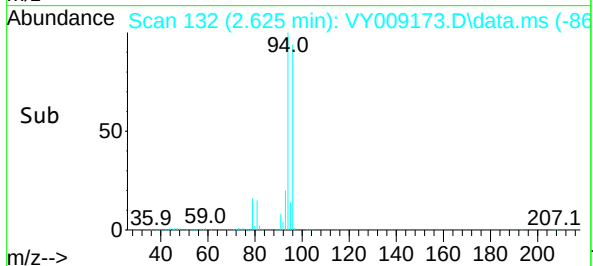
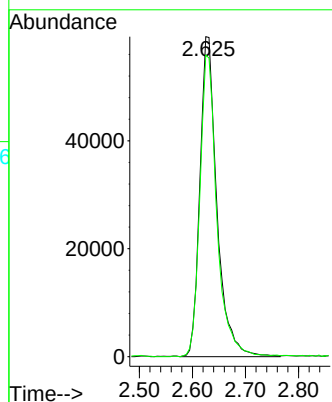
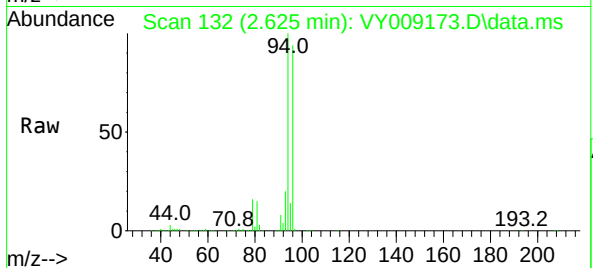
#5
Bromomethane
Concen: 64.688 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.019 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 132508
Ion Ratio Lower Upper
94 100
96 94.2 73.5 110.3

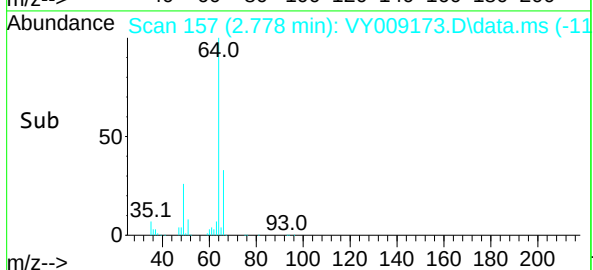
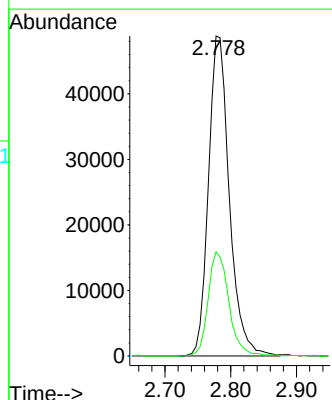
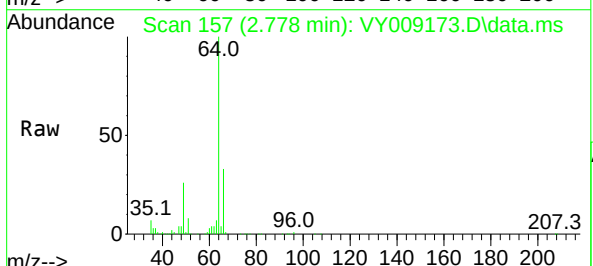
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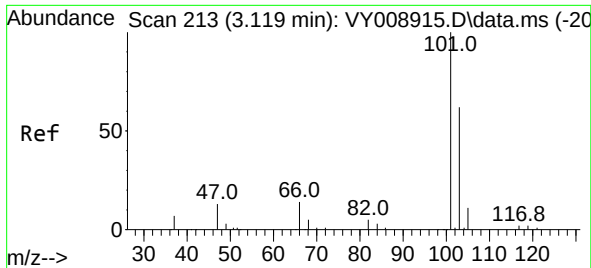
Reviewed By :John Carlone 06/08/2022
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#6
Chloroethane
Concen: 72.721 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.012 min
Lab File: VY009173.D
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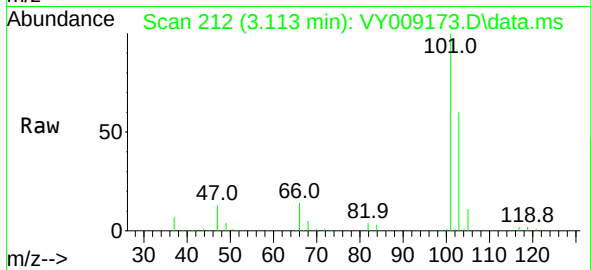
Tgt Ion: 64 Resp: 107659
Ion Ratio Lower Upper
64 100
66 32.5 25.4 38.0





#7
Trichlorofluoromethane
Concen: 57.528 ug/l
RT: 3.113 min Scan# 213
Delta R.T. -0.006 min
Lab File: VY009173.D
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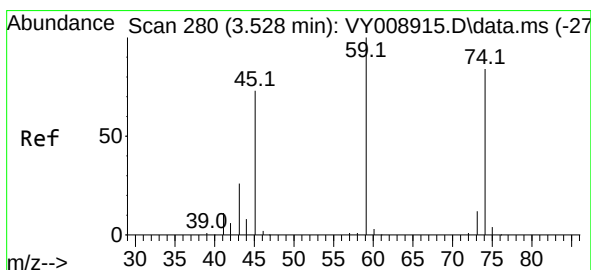
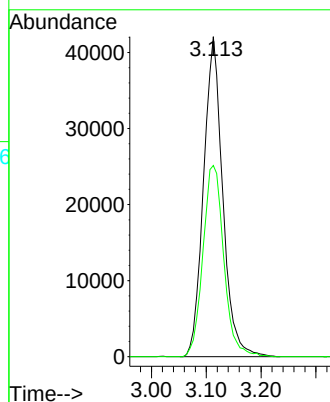
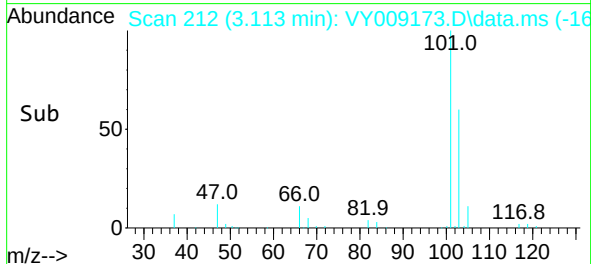
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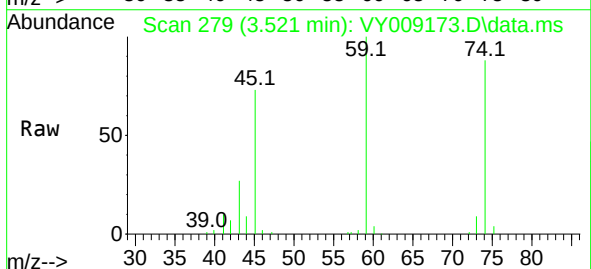
Tgt Ion:101 Resp: 102092
Ion Ratio Lower Upper
101 100
103 59.8 48.0 72.0

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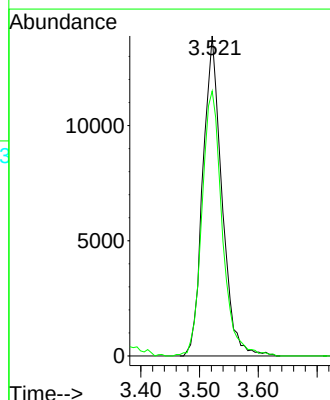
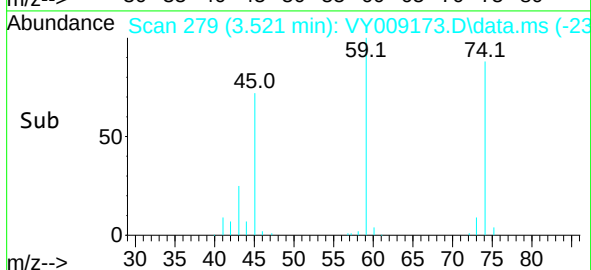
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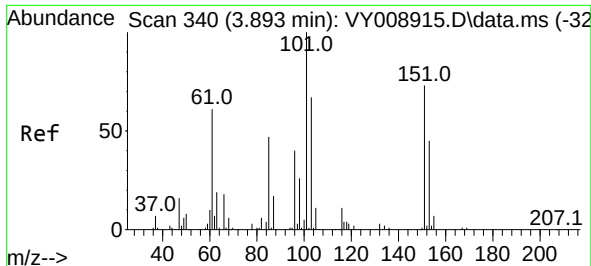


#8
Diethyl Ether
Concen: 56.458 ug/l
RT: 3.521 min Scan# 279
Delta R.T. -0.007 min
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Tgt Ion: 74 Resp: 31329
Ion Ratio Lower Upper
74 100
45 88.0 55.1 165.5





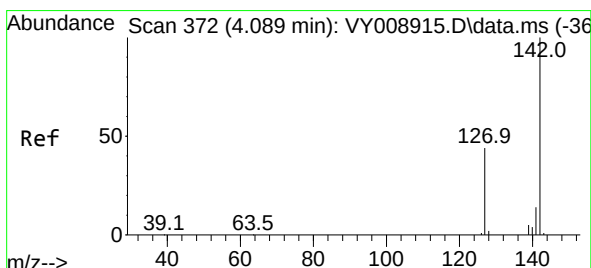
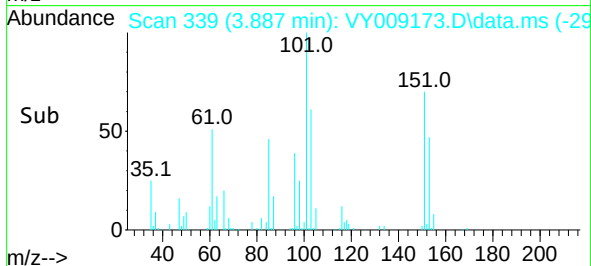
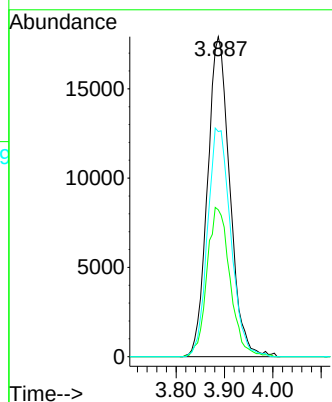
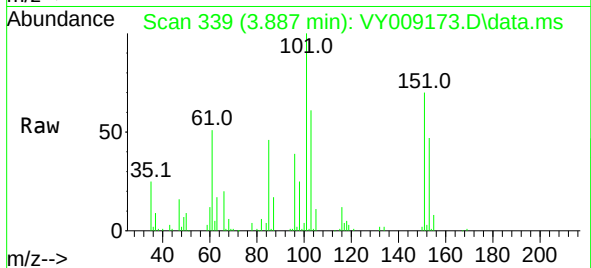
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.629 ug/l
RT: 3.887 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY009173.D
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Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 5740
Ion Ratio Lower Upper
101 100
85 48.1 40.6 60.8
151 74.3 64.9 97.3

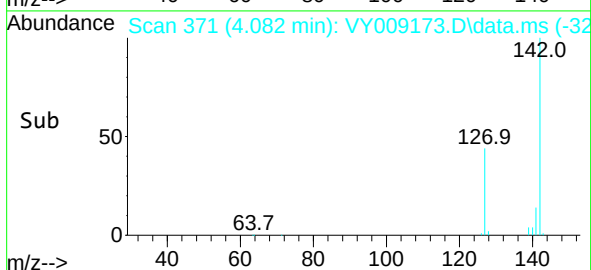
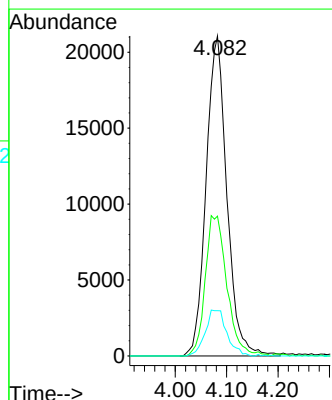
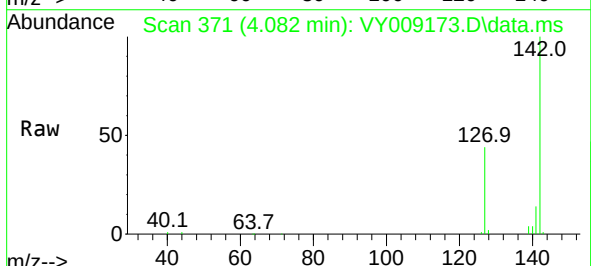
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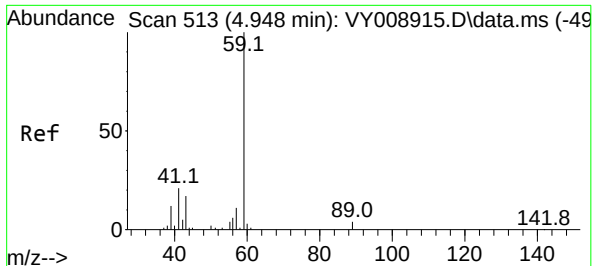
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#10
Methyl Iodide
Concen: 52.487 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.007 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48

Tgt Ion:142 Resp: 59113
Ion Ratio Lower Upper
142 100
127 45.8 41.5 62.3
141 14.9 11.9 17.9





#11

Tert butyl alcohol

Concen: 255.776 ug/l

RT: 4.942 min Scan# 513

Delta R.T. -0.006 min

Lab File: VY009173.D

Acq: 07 Jun 2022 18:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 2874

Ion Ratio Lower Upper

59 100

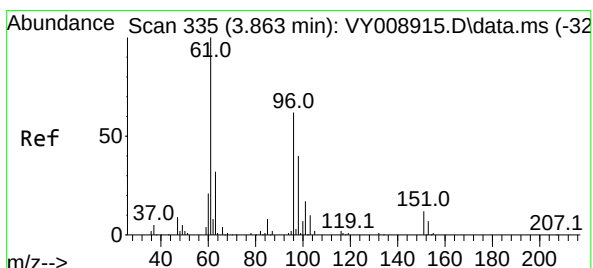
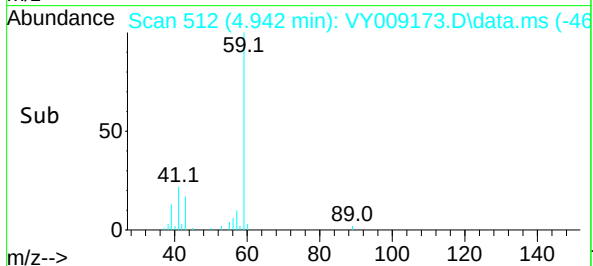
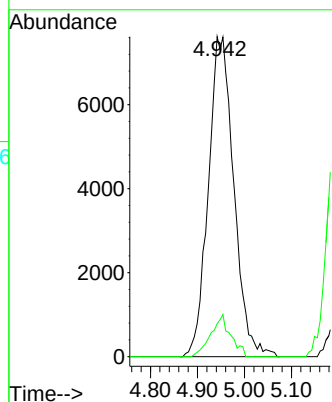
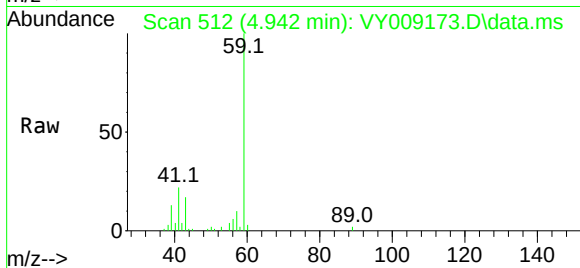
57 10.1 6.4 9.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2022

Supervised By :Mahesh Dadoda 06/08/2022



#12

1,1-Dichloroethene

Concen: 52.150 ug/l

RT: 3.863 min Scan# 335

Delta R.T. -0.000 min

Lab File: VY009173.D

Acq: 07 Jun 2022 18:48

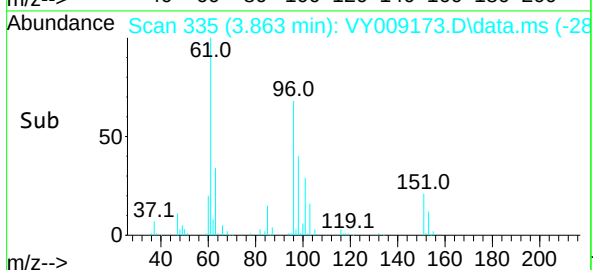
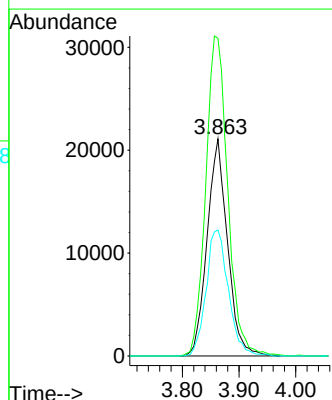
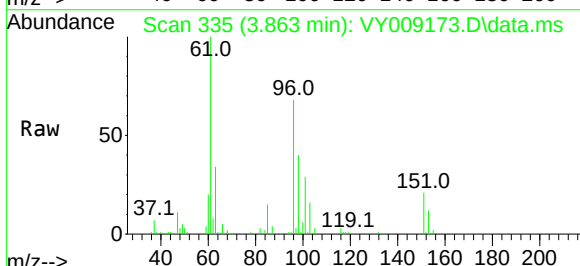
Tgt Ion: 96 Resp: 52802

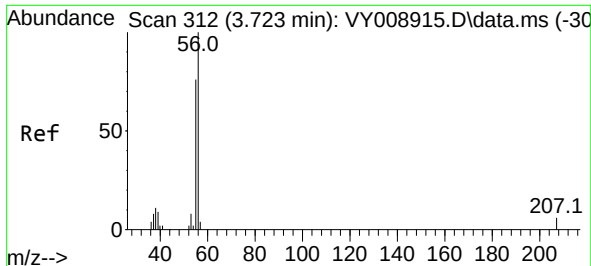
Ion Ratio Lower Upper

96 100

61 146.2 145.8 218.6

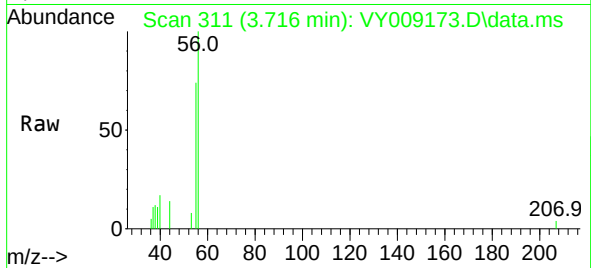
98 58.0 52.5 78.7





#13
Acrolein
Concen: 97.515 ug/l
RT: 3.716 min Scan# 312
Delta R.T. -0.007 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48

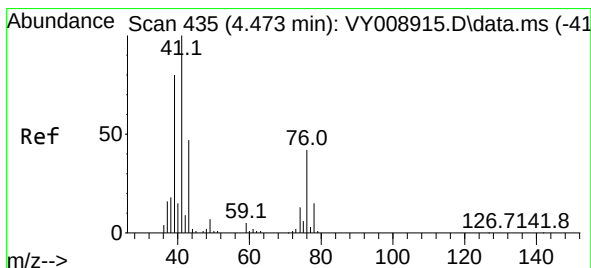
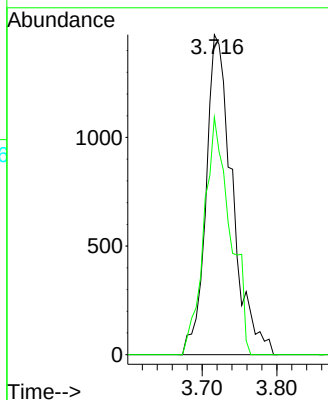
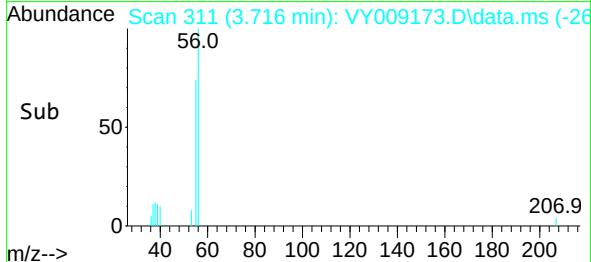
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 360
Ion Ratio Lower Upper
56 100
55 74.1 57.6 86.4

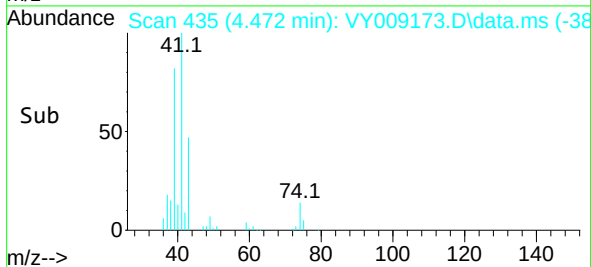
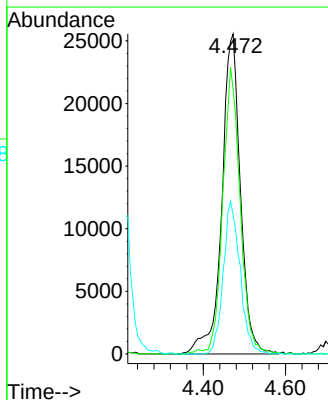
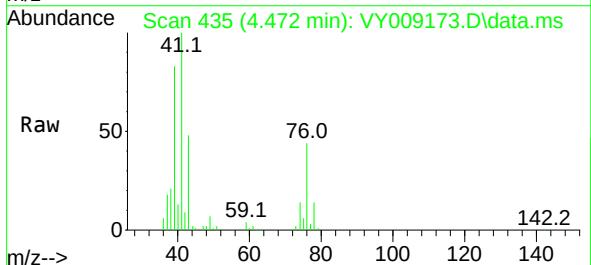
Manual Integrations
APPROVED

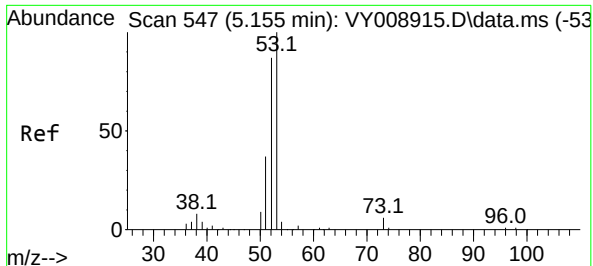
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#14
Allyl chloride
Concen: 52.690 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.001 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48

Tgt Ion: 41 Resp: 80398
Ion Ratio Lower Upper
41 100
39 83.1 58.8 88.2
76 43.1 25.1 37.7#





#15

Acrylonitrile

Concen: 275.954 ug/l

RT: 5.149 min Scan# 54

Delta R.T. -0.006 min

Lab File: VY009173.D

Acq: 07 Jun 2022 18:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

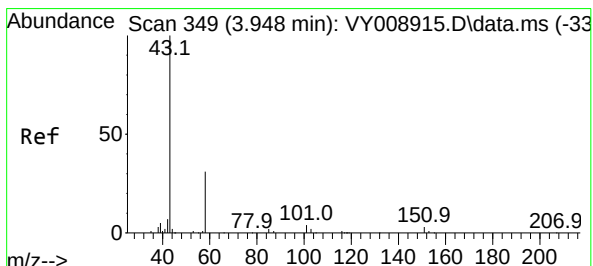
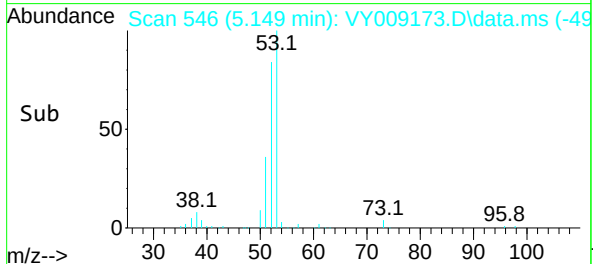
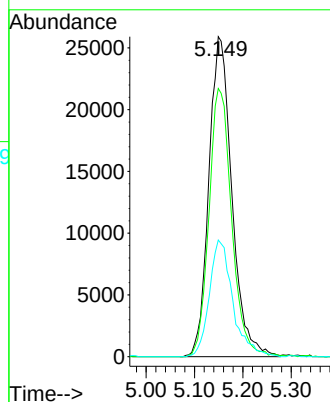
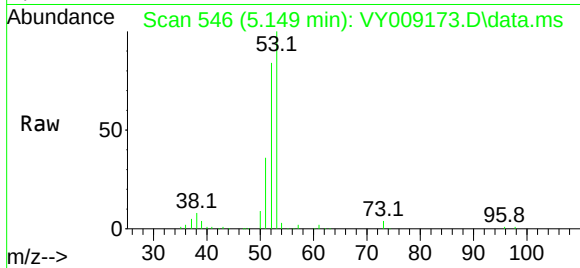
Tgt Ion: 53	Resp: 85738
Ion Ratio	Lower Upper
53	100
52	82.6 67.0 100.4
51	37.1 29.8 44.6

Manual Integrations

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Reviewed By :John Carlone 06/08/2022

Supervised By :Mahesh Dadoda 06/08/2022



#16

Acetone

Concen: 274.168 ug/l

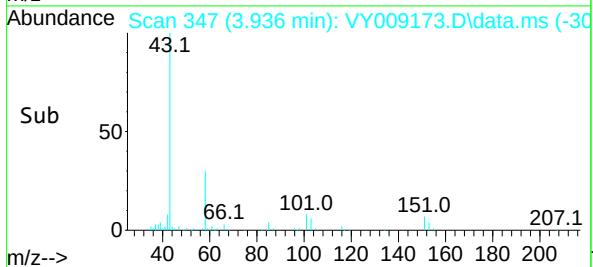
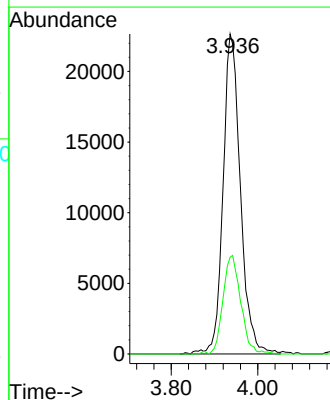
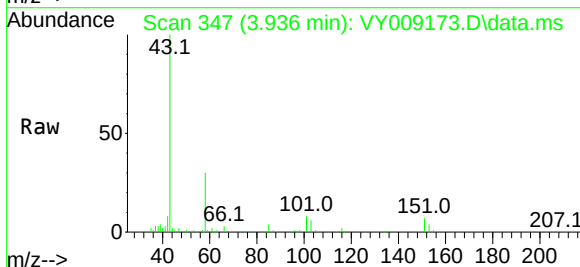
RT: 3.936 min Scan# 347

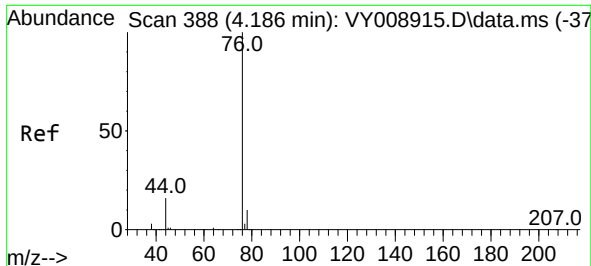
Delta R.T. -0.012 min

Lab File: VY009173.D

Acq: 07 Jun 2022 18:48

Tgt Ion: 43	Resp: 63227
Ion Ratio	Lower Upper
43	100
58	30.2 22.0 33.0





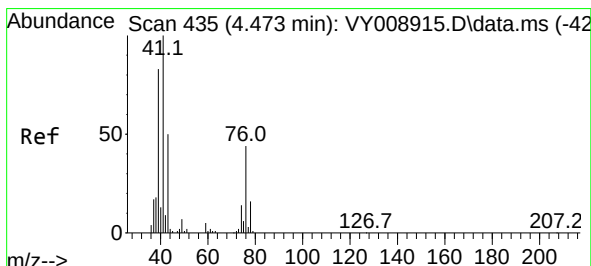
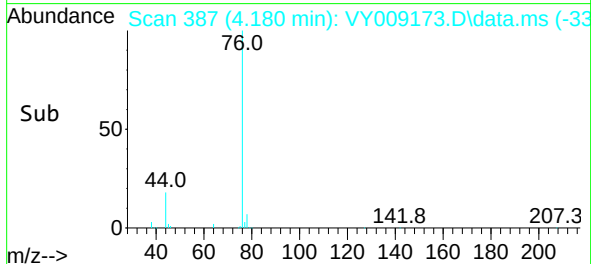
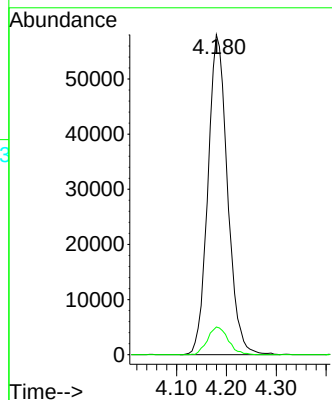
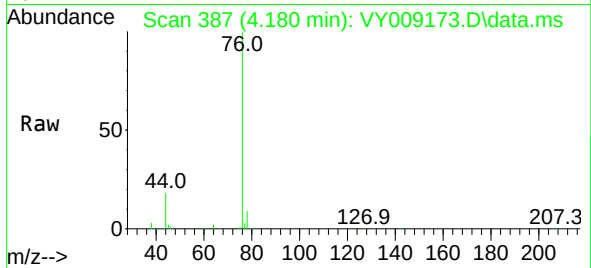
#17
Carbon Disulfide
Concen: 47.869 ug/l
RT: 4.180 min Scan# 388
Delta R.T. -0.006 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 15834
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0

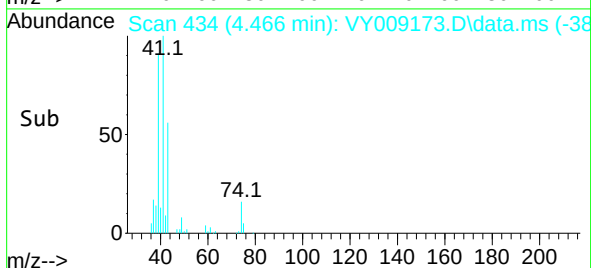
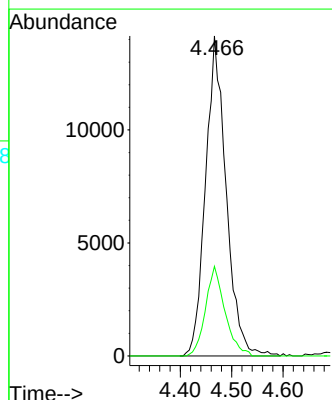
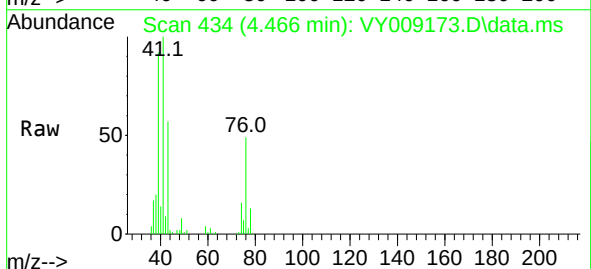
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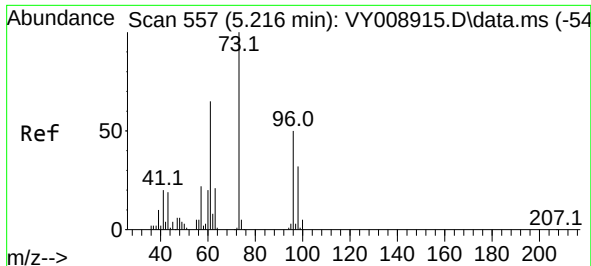
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#18
Methyl Acetate
Concen: 54.905 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.007 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48

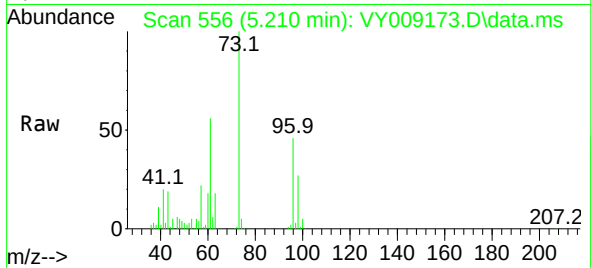
Tgt Ion: 43 Resp: 39429
Ion Ratio Lower Upper
43 100
74 26.4 16.6 24.8





#19
Methyl tert-butyl Ether
Concen: 54.972 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48

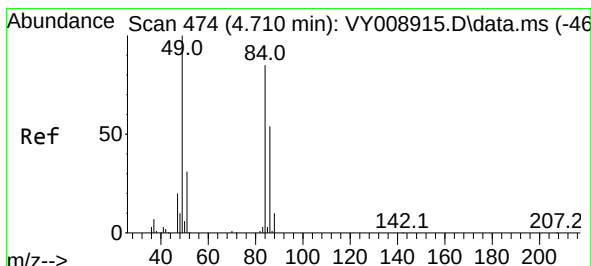
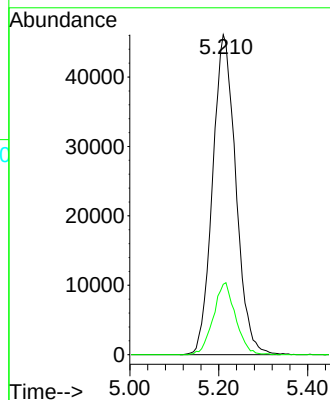
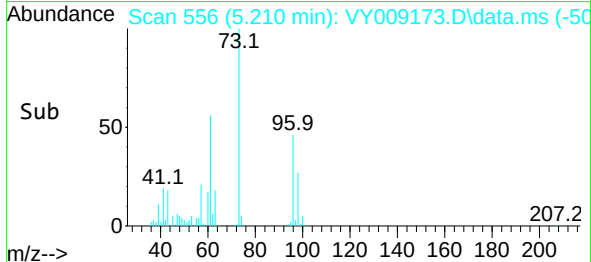
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 167060
Ion Ratio Lower Upper
73 100
57 22.0 18.6 27.8

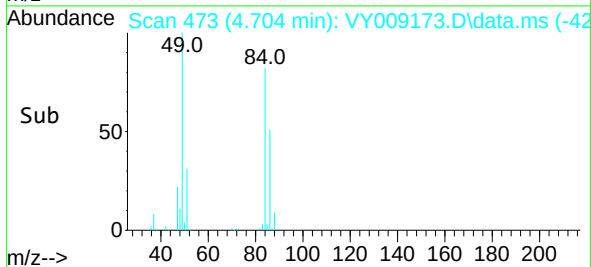
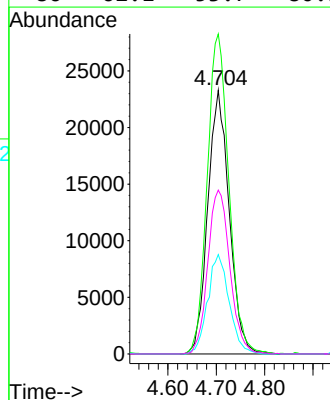
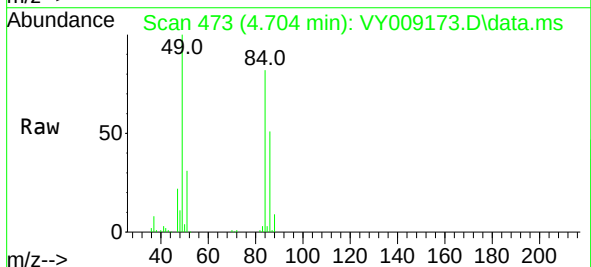
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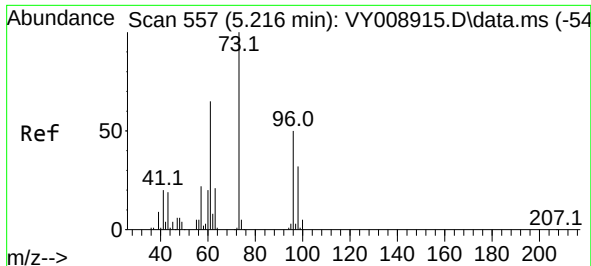
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#20
Methylene Chloride
Concen: 56.908 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48

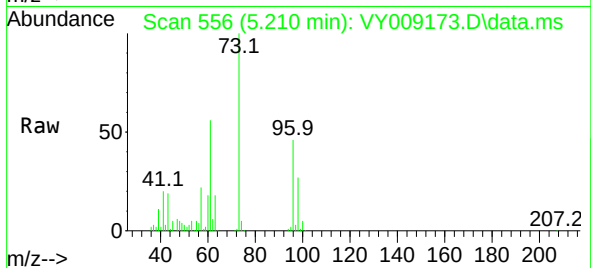
Tgt Ion: 84 Resp: 71881
Ion Ratio Lower Upper
84 100
49 121.4 114.4 171.6
51 37.7 35.3 52.9
86 62.1 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 50.028 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48

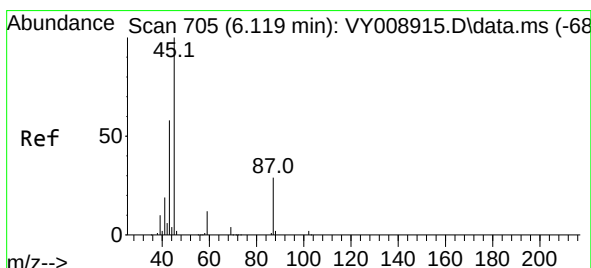
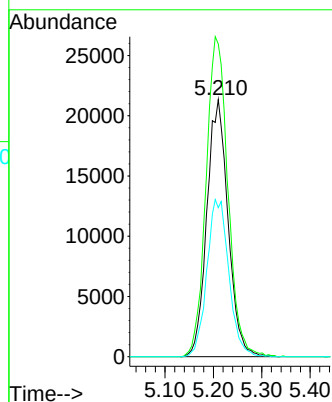
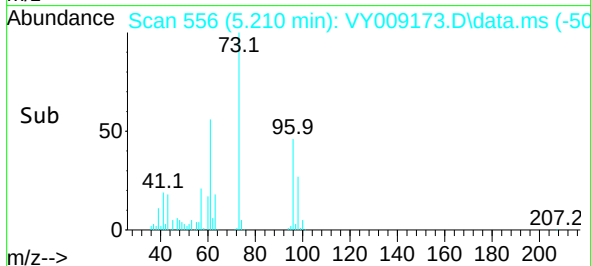
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 6501
Ion Ratio Lower Upper
96 100
61 121.7 120.5 180.7
98 57.9 49.8 74.8

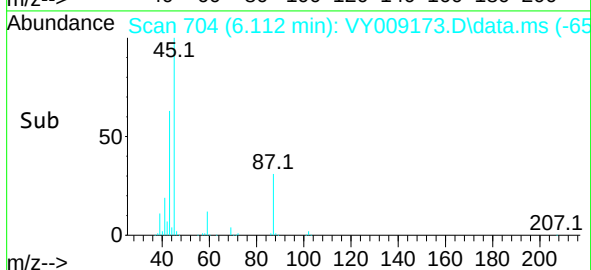
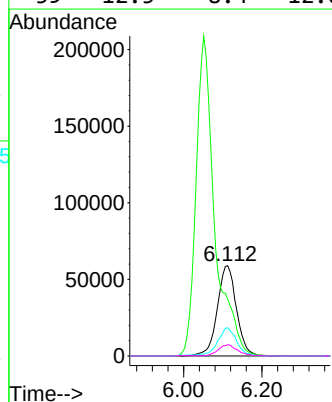
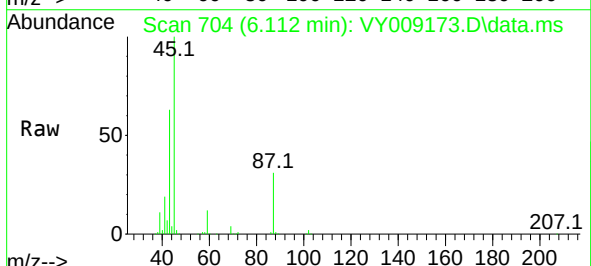
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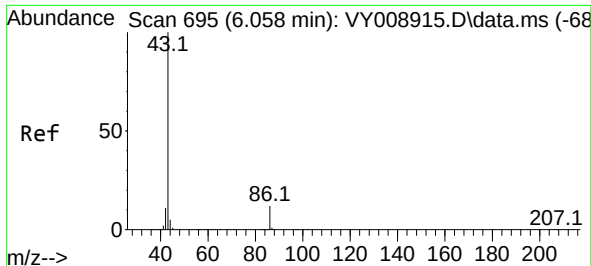
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#22
Diisopropyl ether
Concen: 54.609 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.007 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48

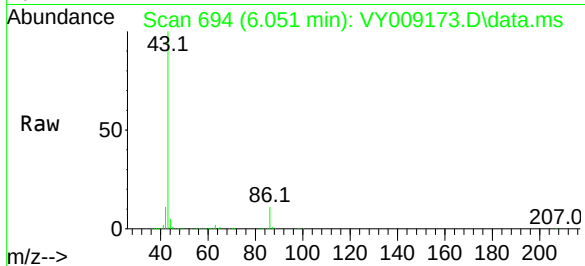
Tgt Ion: 45 Resp: 200186
Ion Ratio Lower Upper
45 100
43 62.8 49.3 73.9
87 31.3 19.2 28.8#
59 12.5 8.4 12.6





#23
 Vinyl Acetate
 Concen: 285.655 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.007 min
 Lab File: VY009173.D
 Acq: 07 Jun 2022 18:48

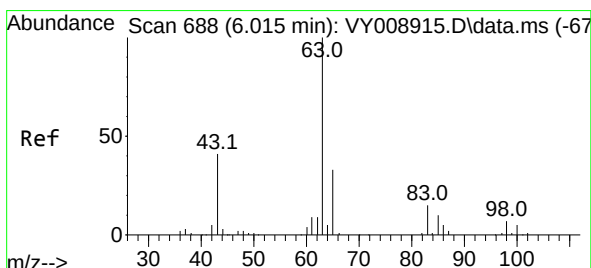
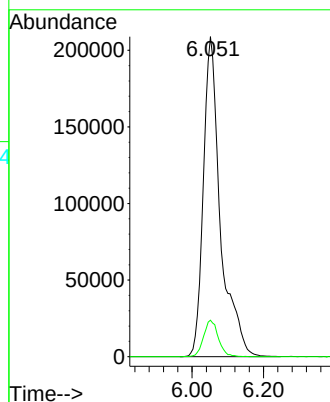
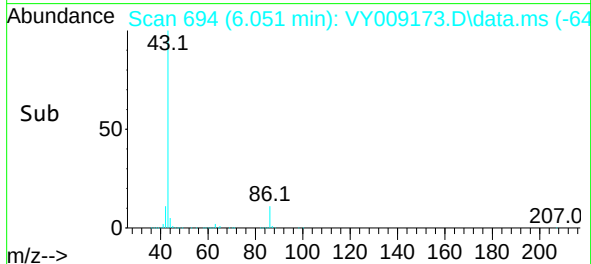
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 69268
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.1 10.7

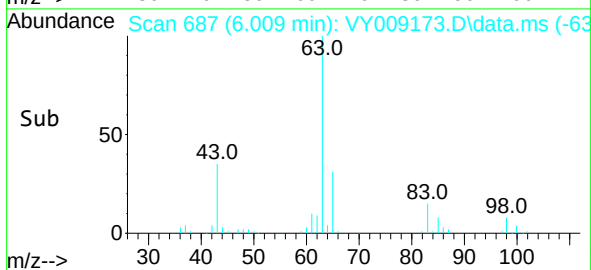
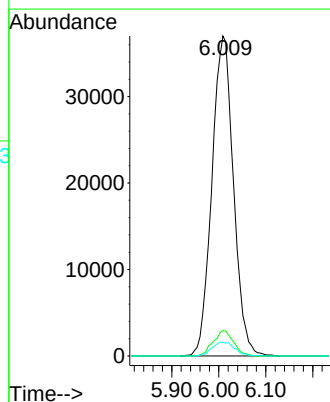
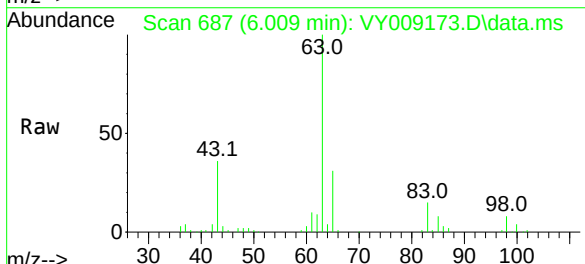
Manual Integrations
 APPROVED

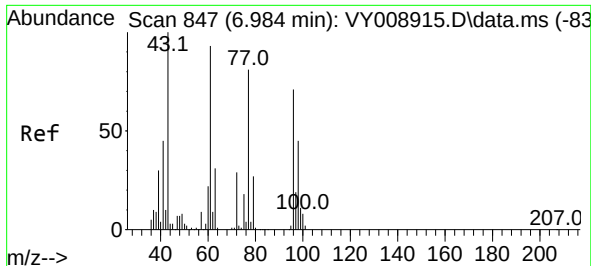
Reviewed By :John Carlone 06/08/2022
 Supervised By :Mahesh Dadoda 06/08/2022



#24
 1,1-Dichloroethane
 Concen: 53.825 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY009173.D
 Acq: 07 Jun 2022 18:48

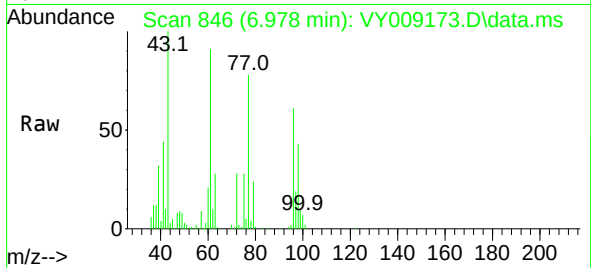
Tgt Ion: 63 Resp: 118016
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.6 10.8
 100 4.2 2.0 5.8





#25
2-Butanone
Concen: 279.260 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48

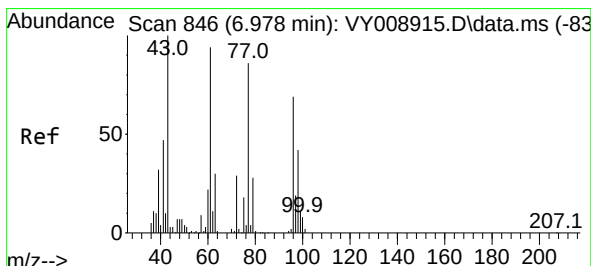
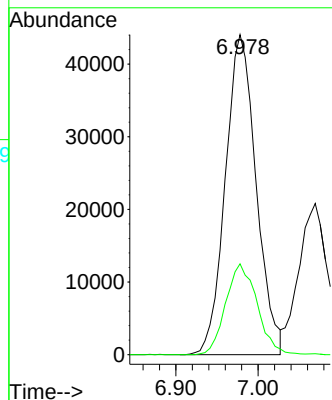
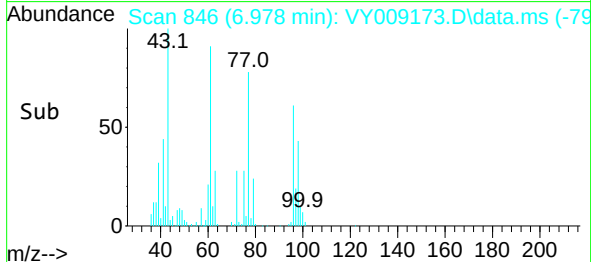
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



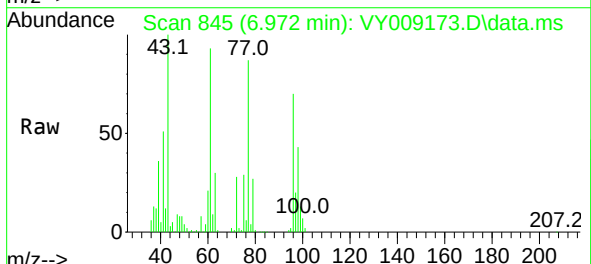
Tgt Ion: 43 Resp: 115028
Ion Ratio Lower Upper
43 100
72 28.4 17.7 26.5

Manual Integrations
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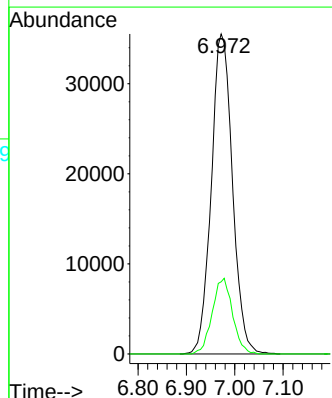
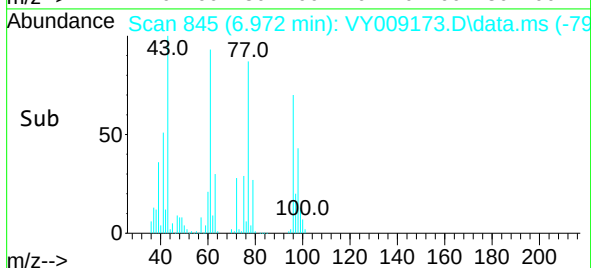
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

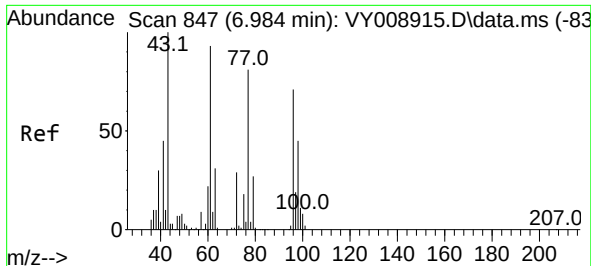


#26
2,2-Dichloropropane
Concen: 53.444 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48



Tgt Ion: 77 Resp: 107943
Ion Ratio Lower Upper
77 100
97 22.7 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 52.536 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY009173.D

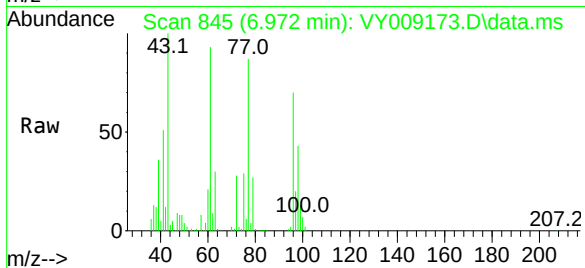
Acq: 07 Jun 2022 18:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



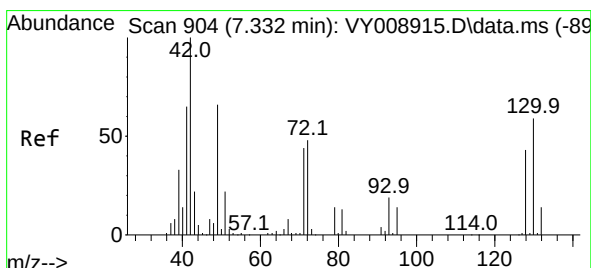
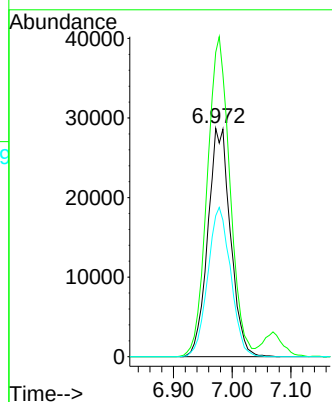
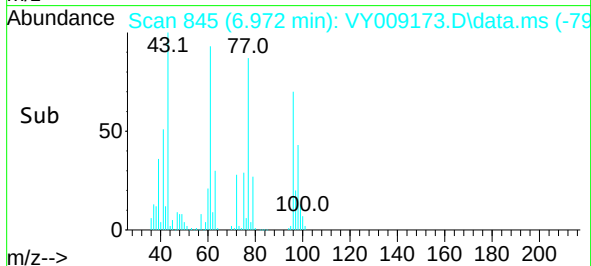
Tgt Ion:	96	Resp:	76964
Ion	Ratio	Lower	Upper
96	100		
61	140.3	0.0	319.8
98	65.9	0.0	127.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2022

Supervised By :Mahesh Dadoda 06/08/2022



#28

Bromochloromethane

Concen: 47.798 ug/l

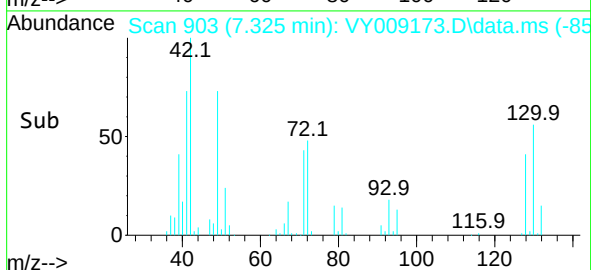
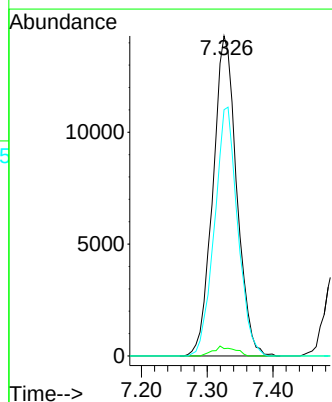
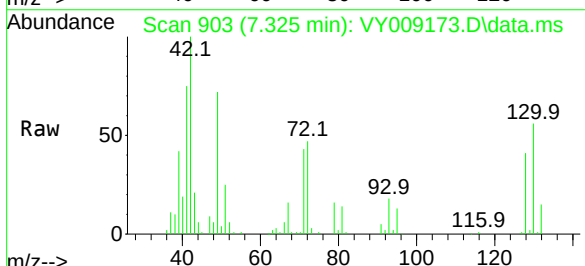
RT: 7.325 min Scan# 903

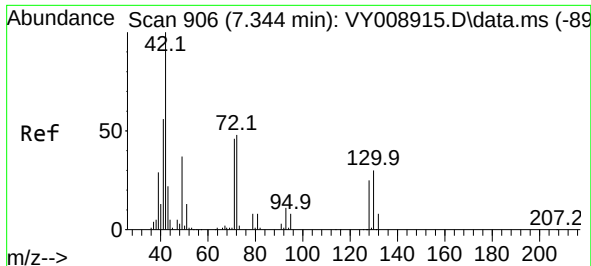
Delta R.T. -0.006 min

Lab File: VY009173.D

Acq: 07 Jun 2022 18:48

Tgt Ion:	49	Resp:	35972
Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	2.2#
130	75.9	55.4	83.0





#29

Tetrahydrofuran

Concen: 276.923 ug/l

RT: 7.338 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY009173.D

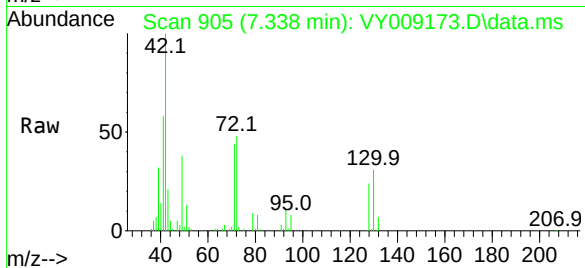
Acq: 07 Jun 2022 18:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



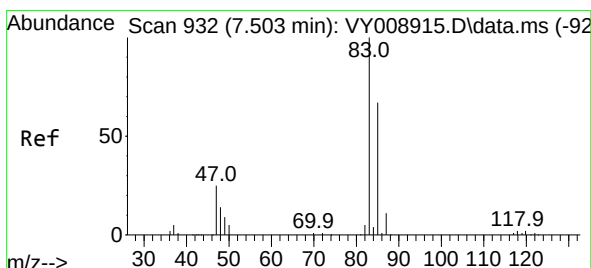
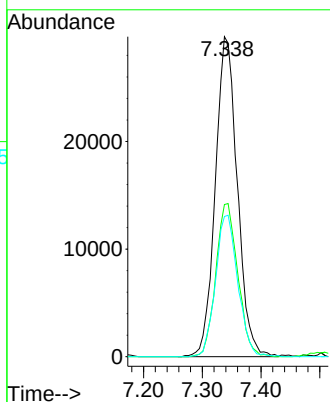
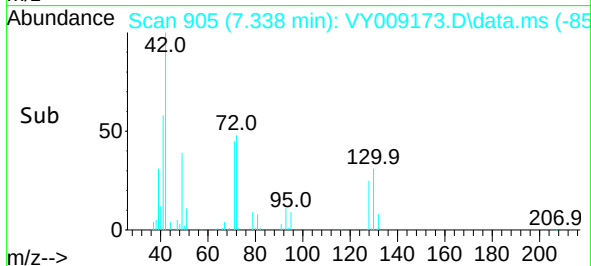
Tgt Ion:	42	Resp:	7748
Ion Ratio	Lower	Upper	
42	100		
72	47.8	30.3	45.5
71	44.8	29.0	43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2022

Supervised By :Mahesh Dadoda 06/08/2022



#30

Chloroform

Concen: 53.602 ug/l

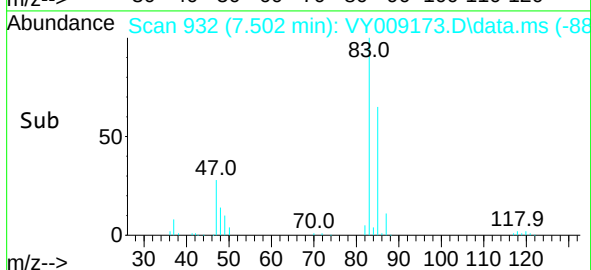
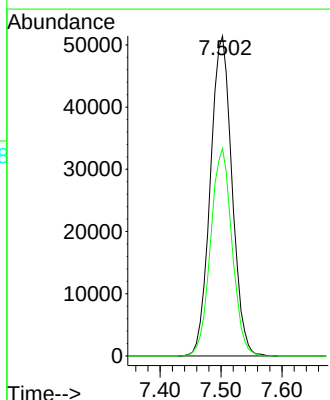
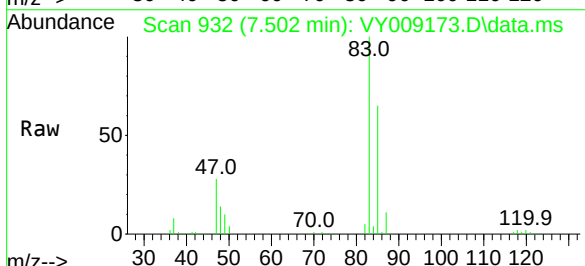
RT: 7.502 min Scan# 932

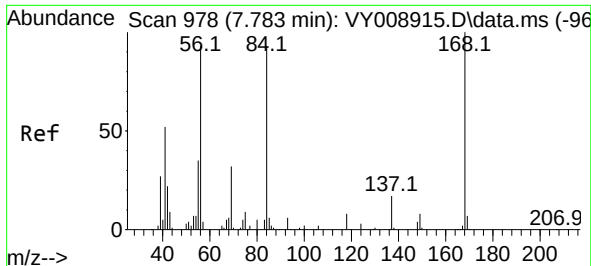
Delta R.T. -0.001 min

Lab File: VY009173.D

Acq: 07 Jun 2022 18:48

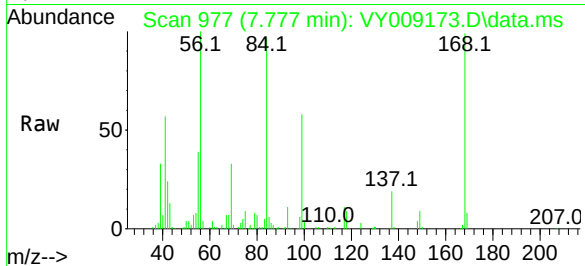
Tgt Ion:	83	Resp:	126866
Ion Ratio	Lower	Upper	
83	100		
85	64.8	51.8	77.6





#31
Cyclohexane
Concen: 46.947 ug/l
RT: 7.777 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48

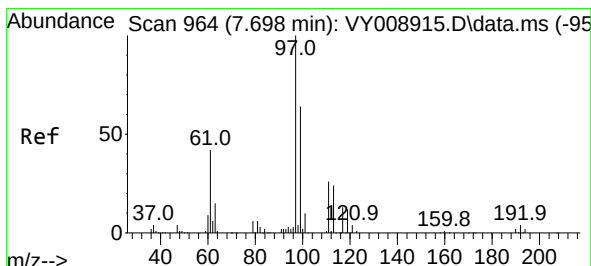
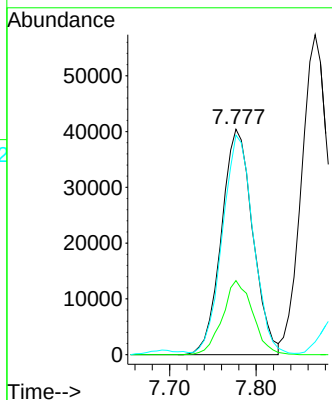
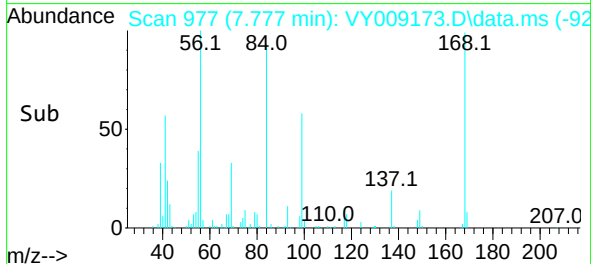
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



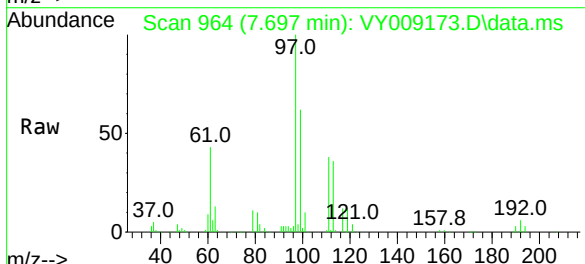
Tgt Ion: 56 Resp: 10175
Ion Ratio Lower Upper
56 100
69 32.8 26.7 40.1
84 96.1 67.2 100.8

Manual Integrations
APPROVED

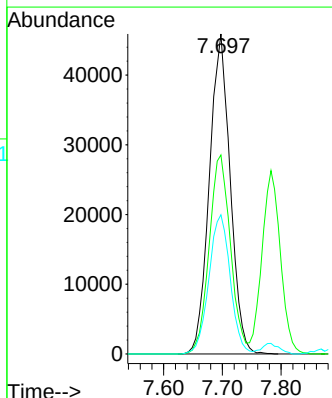
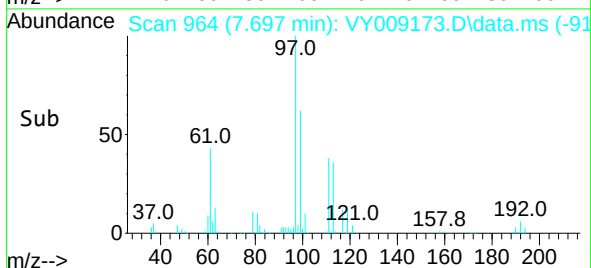
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

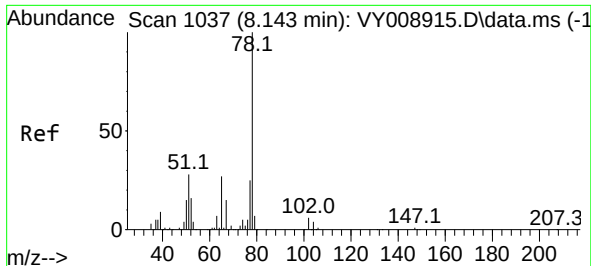


#32
1,1,1-Trichloroethane
Concen: 52.590 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.001 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48



Tgt Ion: 97 Resp: 112925
Ion Ratio Lower Upper
97 100
99 63.4 50.7 76.1
61 44.7 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 50.234 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY009173.D

Acq: 07 Jun 2022 18:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 5565

Ion Ratio Lower Upper

65 100

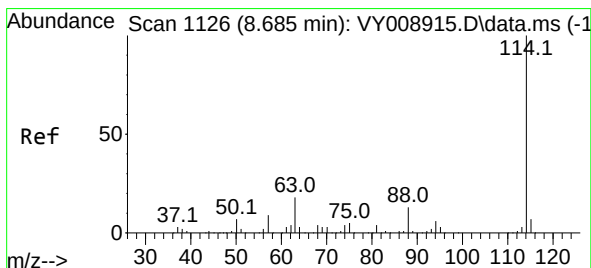
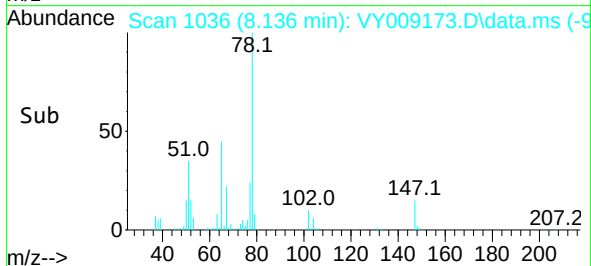
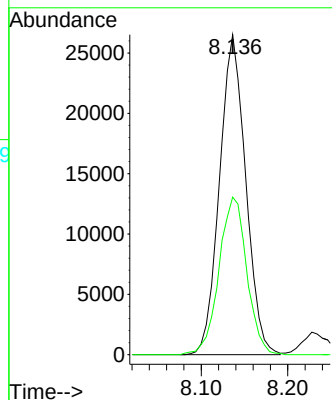
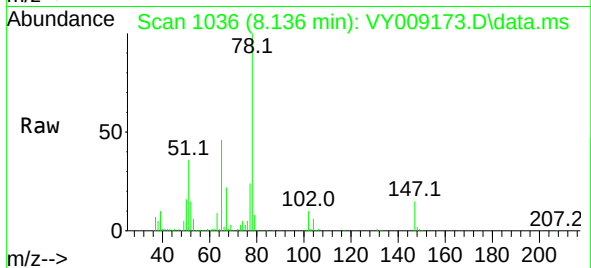
67 52.3 0.0 99.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2022

Supervised By :Mahesh Dadoda 06/08/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009173.D

Acq: 07 Jun 2022 18:48

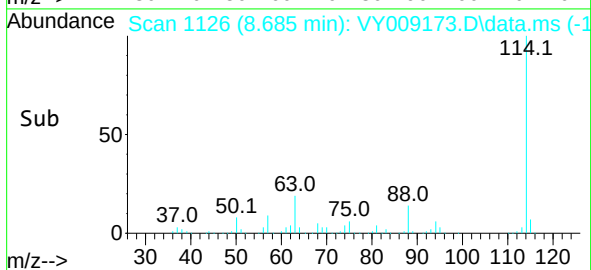
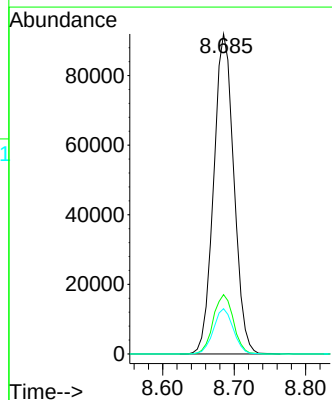
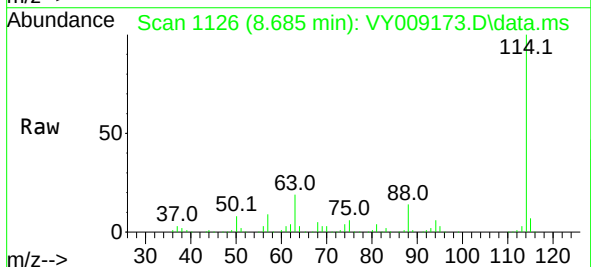
Tgt Ion:114 Resp: 180207

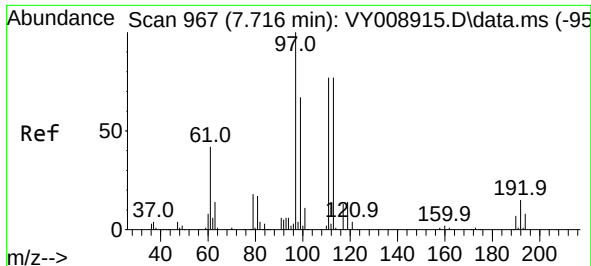
Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

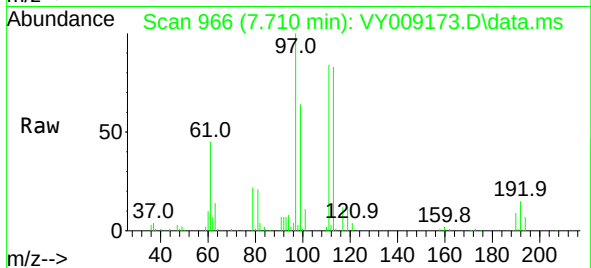
88 14.2 0.0 31.8





#35
Dibromofluoromethane
Concen: 52.413 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48

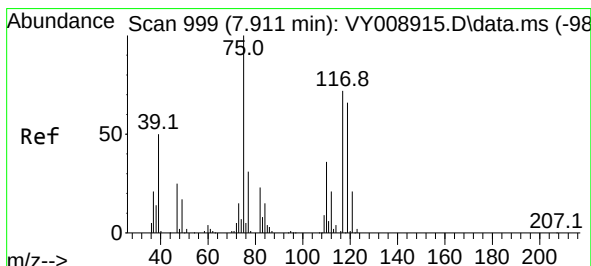
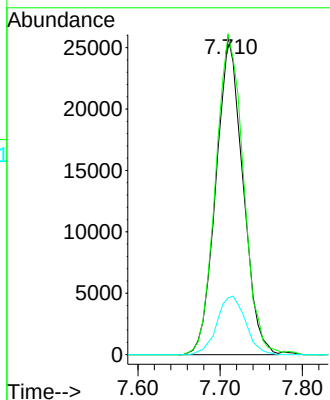
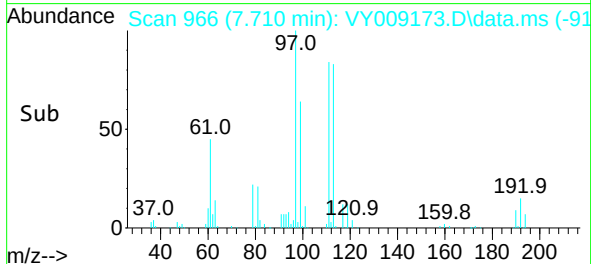
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



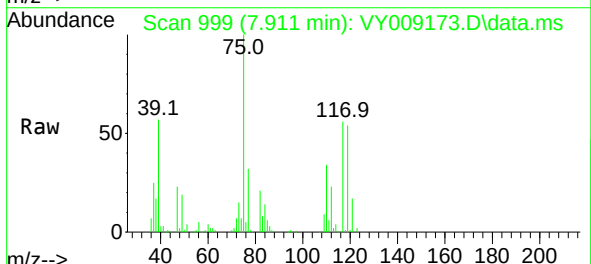
Tgt Ion:113 Resp: 58734
Ion Ratio Lower Upper
113 100
111 104.9 82.6 124.0
192 19.6 17.6 26.4

Manual Integrations
APPROVED

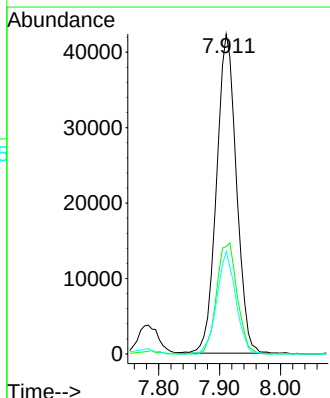
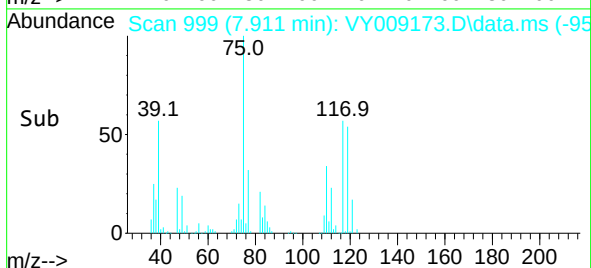
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

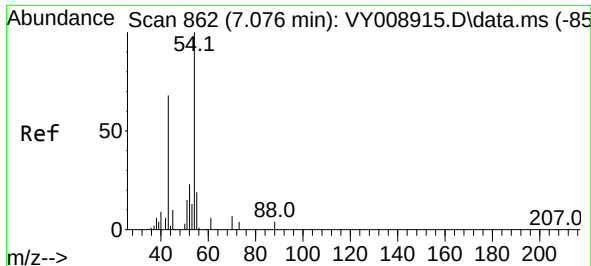


#36
1,1-Dichloropropene
Concen: 50.253 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48



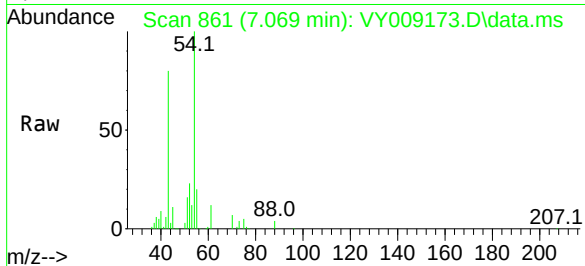
Tgt Ion: 75 Resp: 95835
Ion Ratio Lower Upper
75 100
110 35.9 17.1 51.2
77 30.9 24.4 36.6





#37
Ethyl Acetate
Concen: 54.408 ug/l
RT: 7.069 min Scan# 80
Delta R.T. -0.007 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48

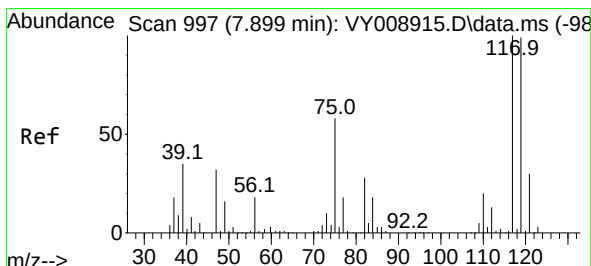
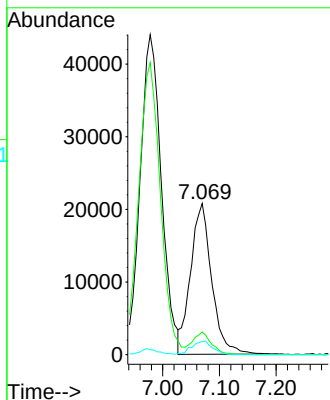
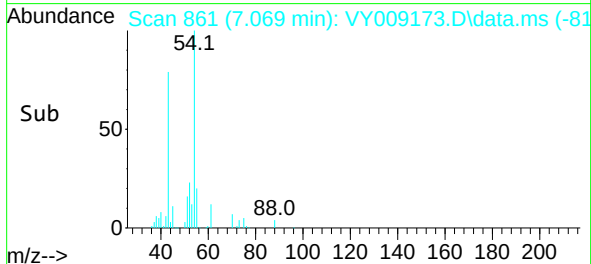
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 5382
Ion Ratio Lower Upper
43 100
61 13.3 9.7 14.5
70 9.0 7.1 10.7

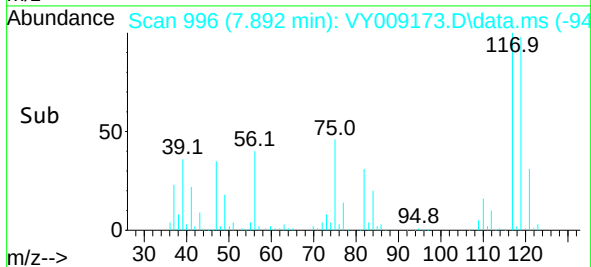
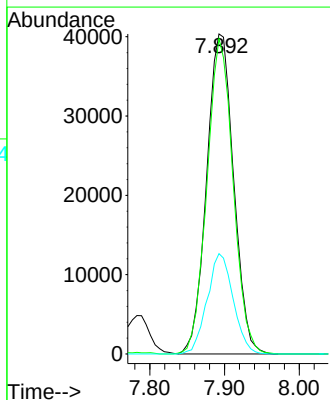
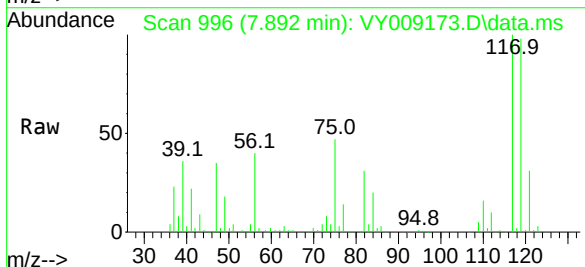
Manual Integrations
APPROVED

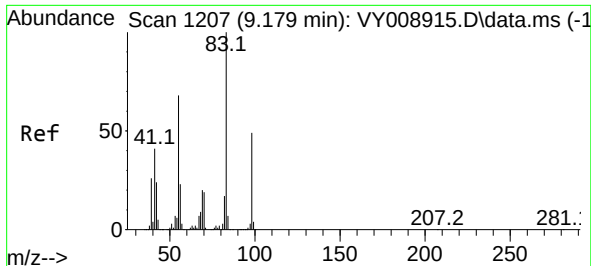
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#38
Carbon Tetrachloride
Concen: 50.668 ug/l
RT: 7.892 min Scan# 996
Delta R.T. -0.007 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48

Tgt Ion:117 Resp: 101081
Ion Ratio Lower Upper
117 100
119 98.5 77.9 116.9
121 31.3 24.8 37.2





#39

Methylcyclohexane

Concen: 48.110 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009173.D

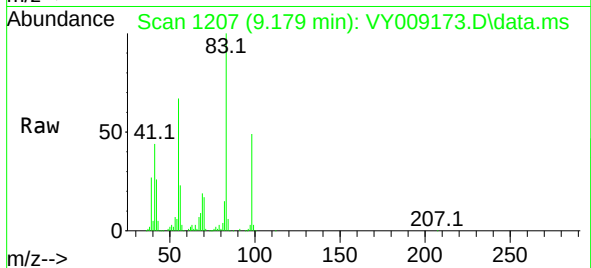
Acq: 07 Jun 2022 18:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 83 Resp: 118420

Ion Ratio Lower Upper

83 100

55 67.3 66.5 99.7

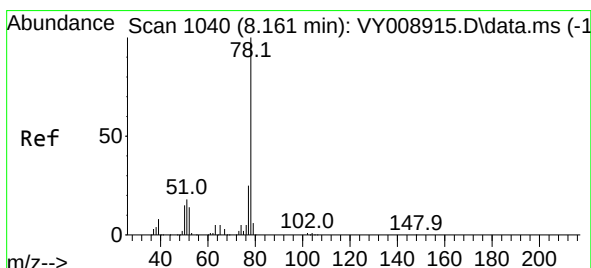
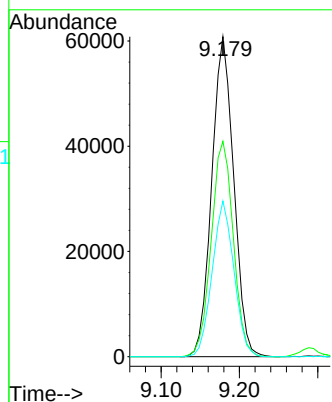
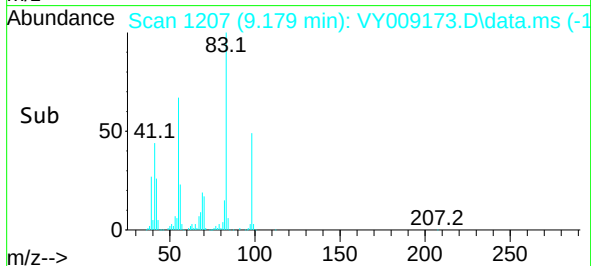
98 48.7 37.9 56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2022

Supervised By :Mahesh Dadoda 06/08/2022



#40

Benzene

Concen: 51.784 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY009173.D

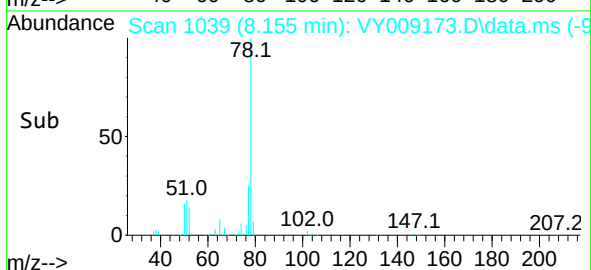
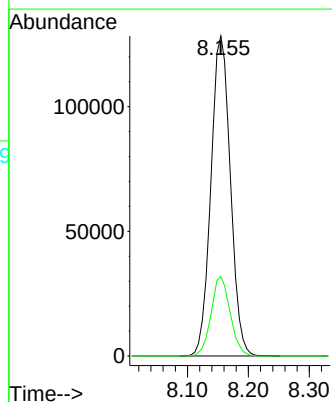
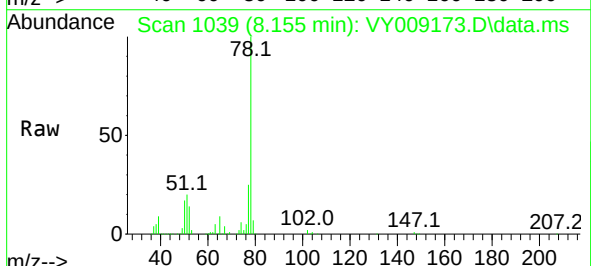
Acq: 07 Jun 2022 18:48

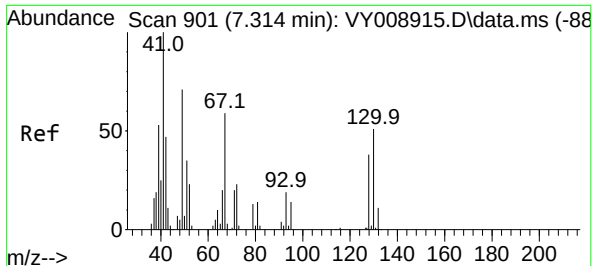
Tgt Ion: 78 Resp: 284769

Ion Ratio Lower Upper

78 100

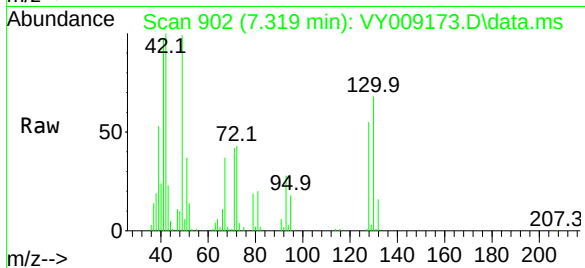
77 24.9 20.4 30.6





#41
Methacrylonitrile
Concen: 62.173 ug/l m
RT: 7.319 min Scan# 901
Delta R.T. 0.005 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48

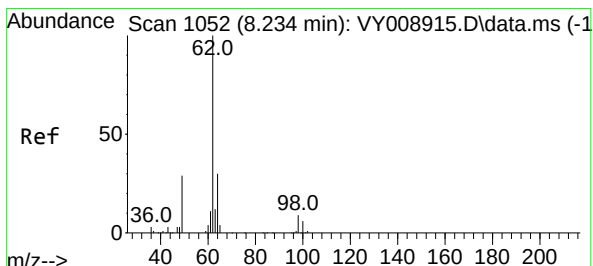
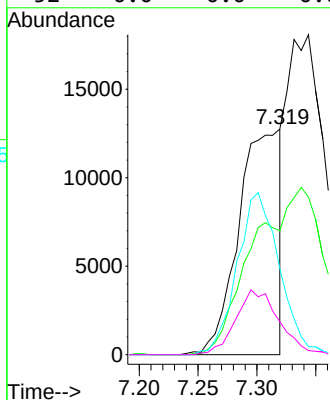
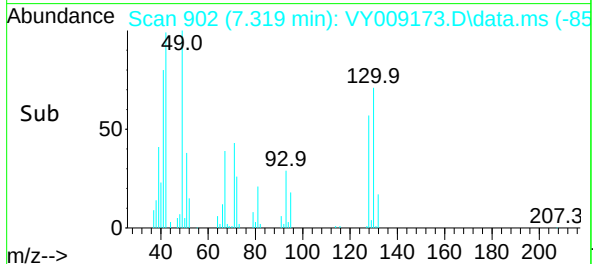
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 31738
Ion Ratio Lower Upper
41 100
39 125.2 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

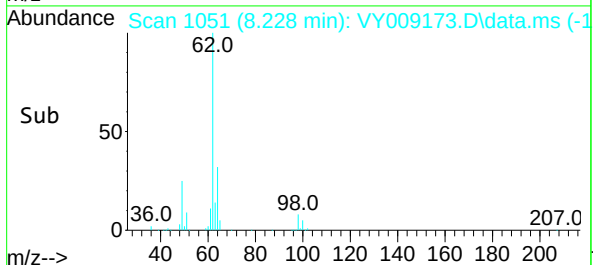
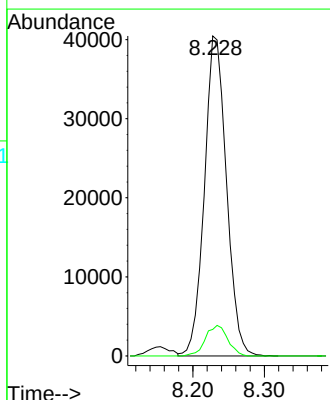
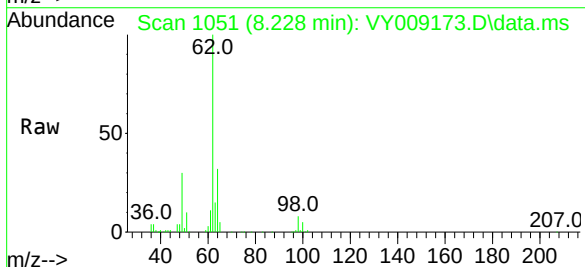
Manual Integrations
APPROVED

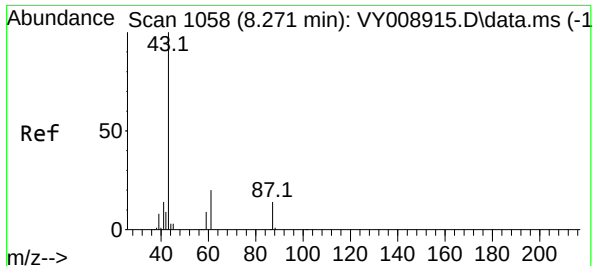
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#42
1,2-Dichloroethane
Concen: 53.681 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48

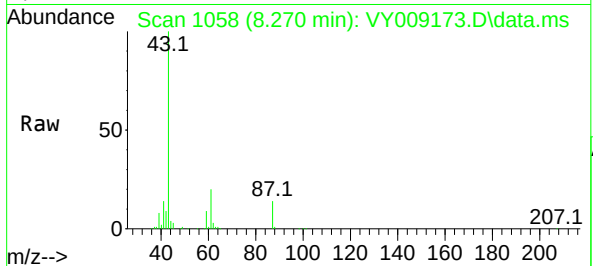
Tgt Ion: 62 Resp: 86684
Ion Ratio Lower Upper
62 100
98 9.7 0.0 14.8





#43
Isopropyl Acetate
Concen: 57.686 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.001 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48

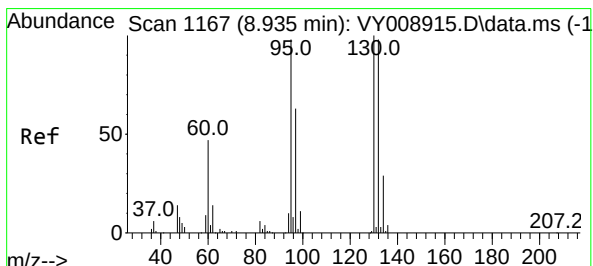
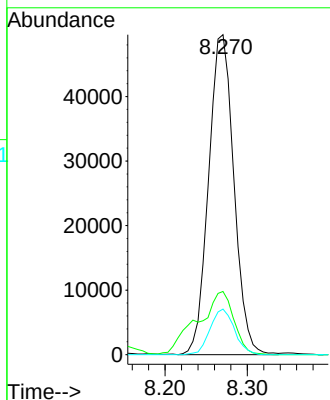
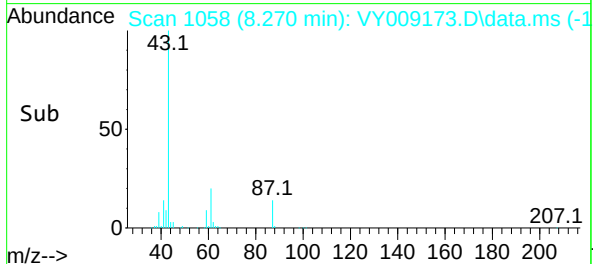
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 106108
Ion Ratio Lower Upper
43 100
61 28.4 20.2 30.2
87 13.8 8.9 13.3

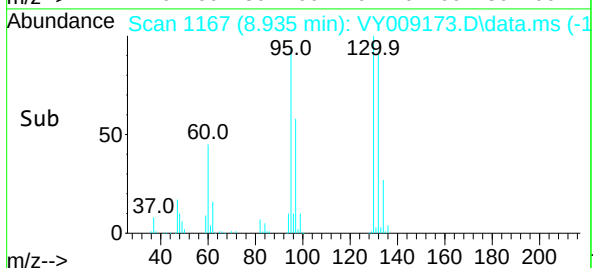
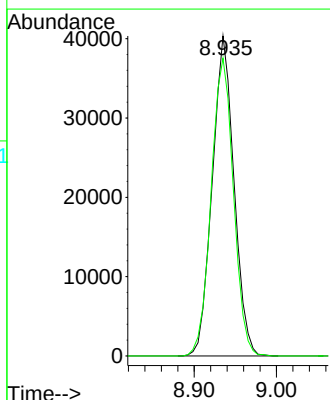
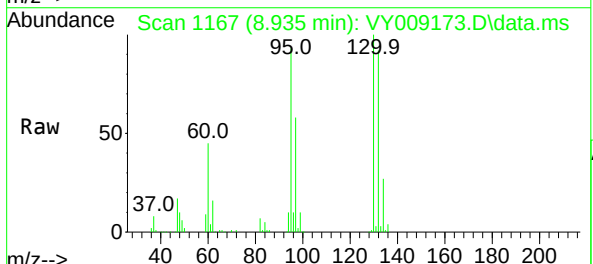
Manual Integrations
APPROVED

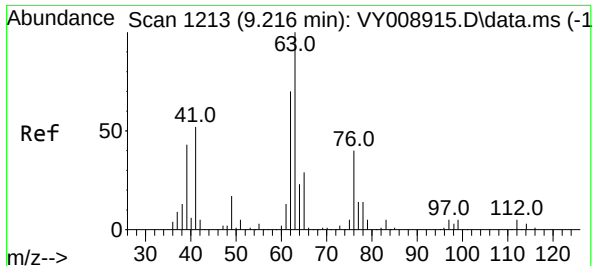
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#44
Trichloroethene
Concen: 50.977 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48

Tgt Ion:130 Resp: 74226
Ion Ratio Lower Upper
130 100
95 93.1 0.0 188.2





#45

1,2-Dichloropropane

Concen: 53.710 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.007 min

Lab File: VY009173.D

Acq: 07 Jun 2022 18:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 7092

Ion Ratio Lower Upper

63 100

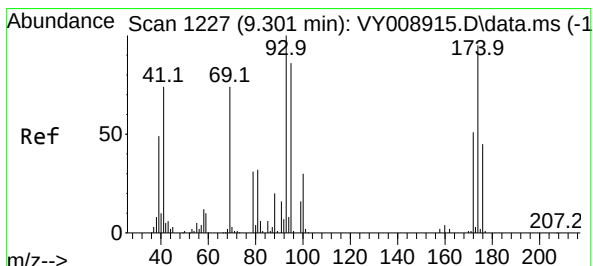
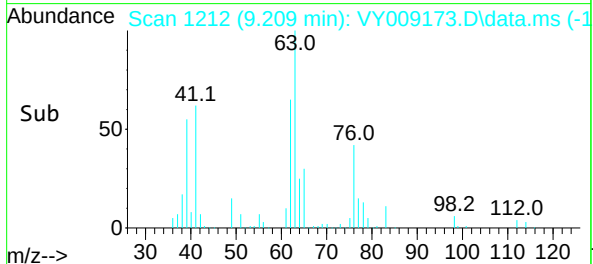
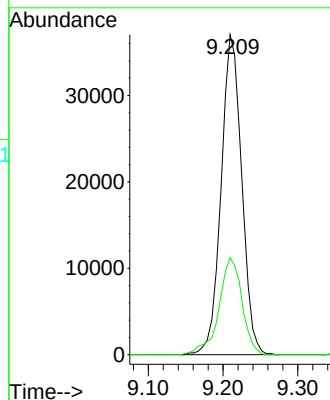
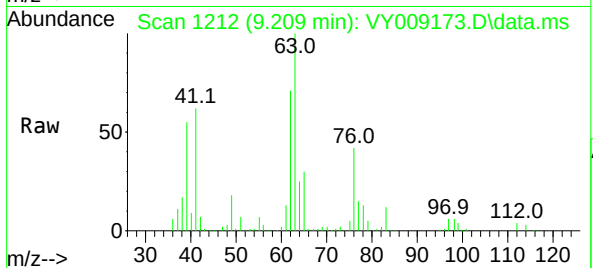
65 30.3 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2022

Supervised By :Mahesh Dadoda 06/08/2022



#46

Dibromomethane

Concen: 53.296 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009173.D

Acq: 07 Jun 2022 18:48

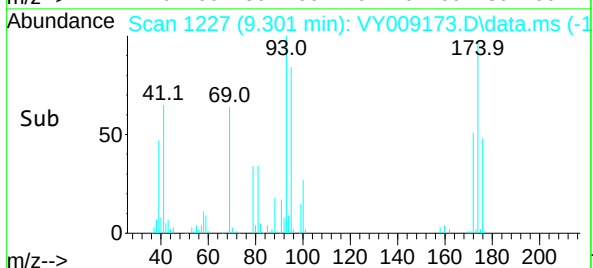
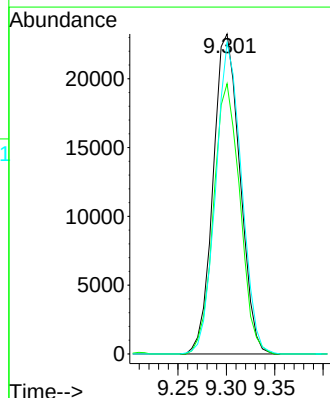
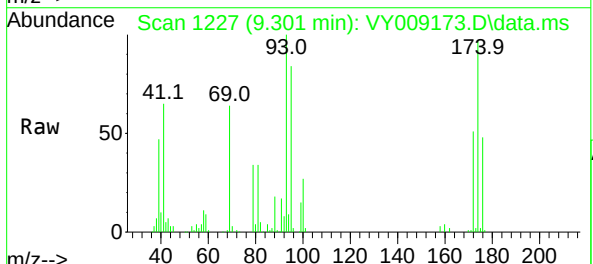
Tgt Ion: 93 Resp: 44748

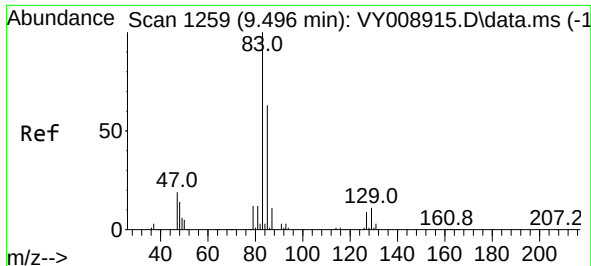
Ion Ratio Lower Upper

93 100

95 82.8 64.3 96.5

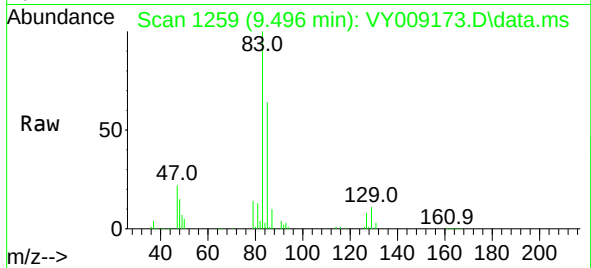
174 94.0 83.4 125.0





#47
Bromodichloromethane
Concen: 52.728 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48

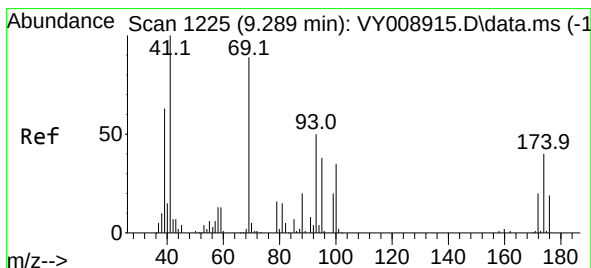
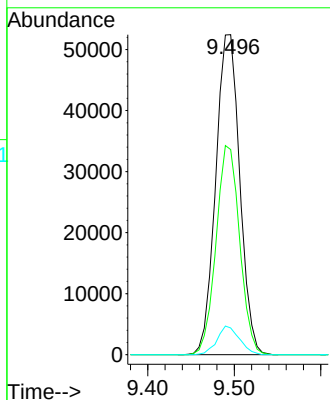
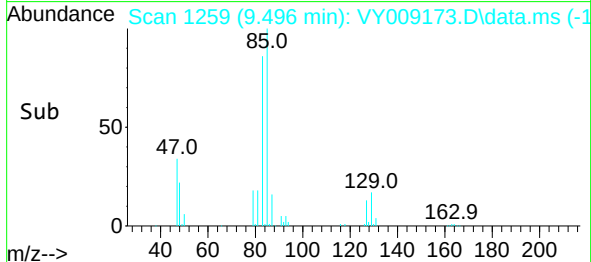
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 10117
Ion Ratio Lower Upper
83 100
85 64.1 51.9 77.9
127 8.4 6.6 10.0

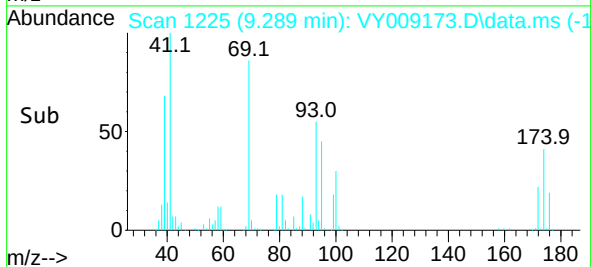
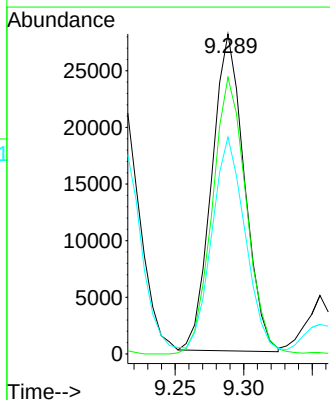
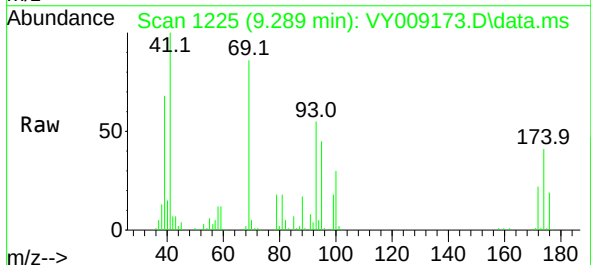
Manual Integrations
APPROVED

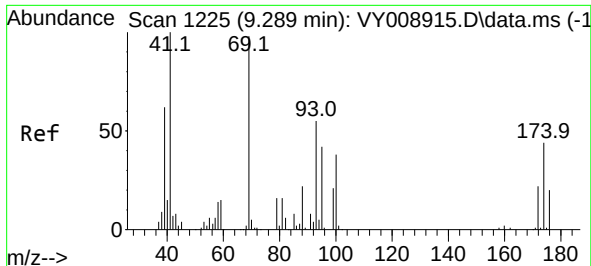
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#48
Methyl methacrylate
Concen: 56.461 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48

Tgt Ion: 41 Resp: 46374
Ion Ratio Lower Upper
41 100
69 90.7 58.2 87.2#
39 70.7 47.4 71.0





#49

1,4-Dioxane

Concen: 1085.917 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY009173.D

Acq: 07 Jun 2022 18:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 1218

Ion Ratio Lower Upper

88 100

43 33.5 32.8 49.2

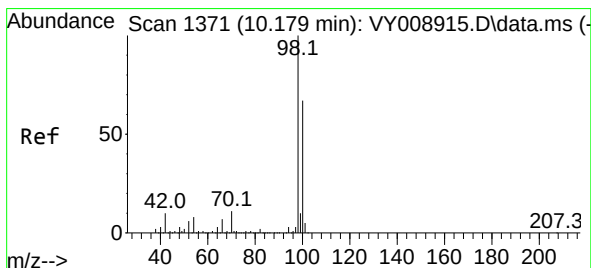
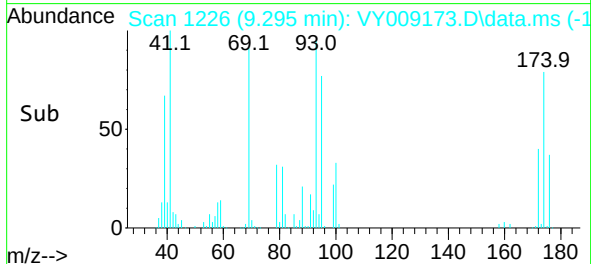
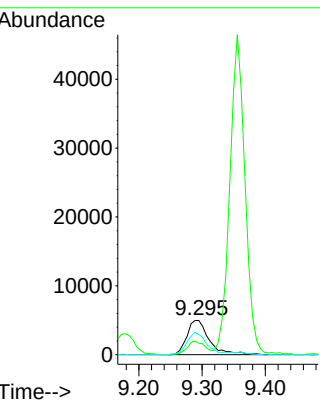
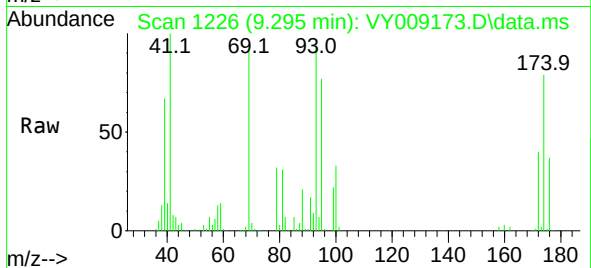
58 59.7 59.8 89.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2022

Supervised By :Mahesh Dadoda 06/08/2022



#50

Toluene-d8

Concen: 44.030 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY009173.D

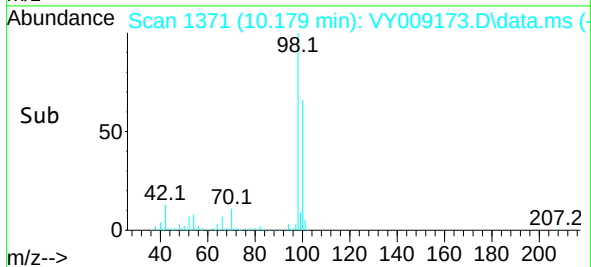
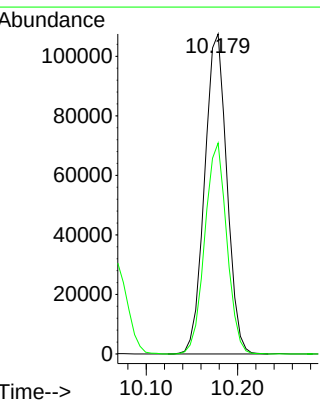
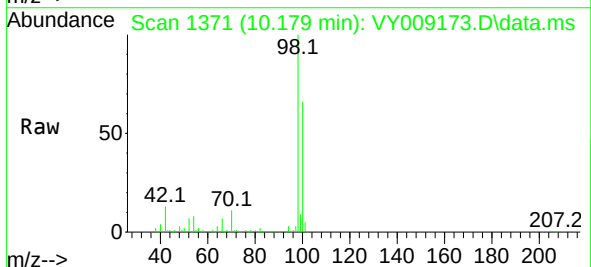
Acq: 07 Jun 2022 18:48

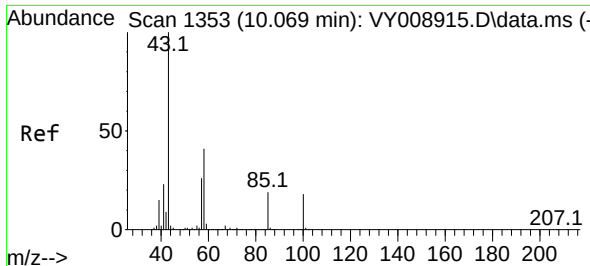
Tgt Ion: 98 Resp: 182022

Ion Ratio Lower Upper

98 100

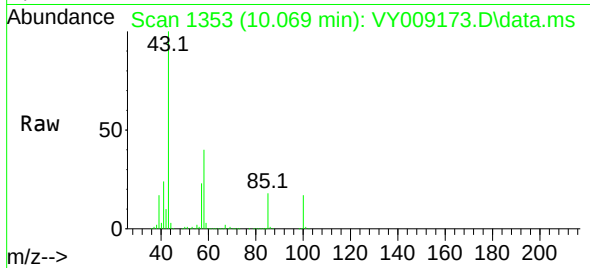
100 65.2 50.2 75.2





#51
4-Methyl-2-Pentanone
Concen: 291.173 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48

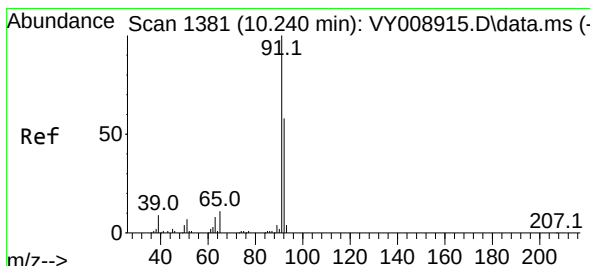
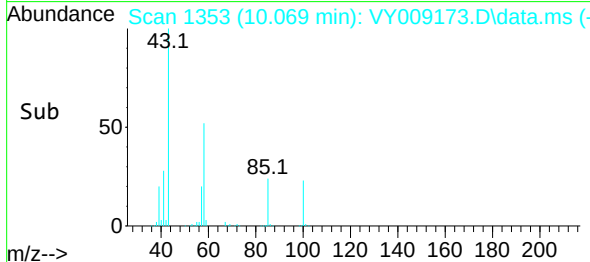
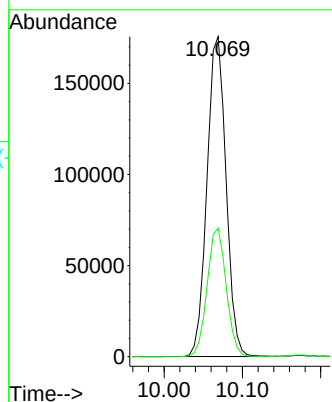
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 296409
Ion Ratio Lower Upper
43 100
58 40.2 28.1 42.1

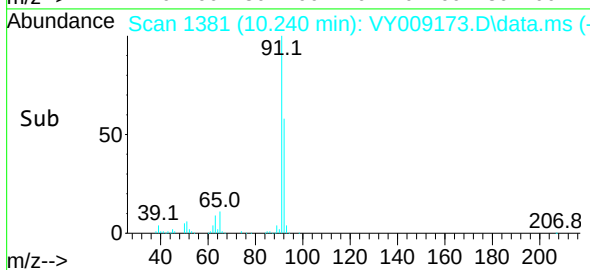
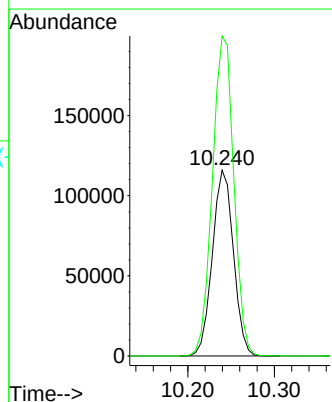
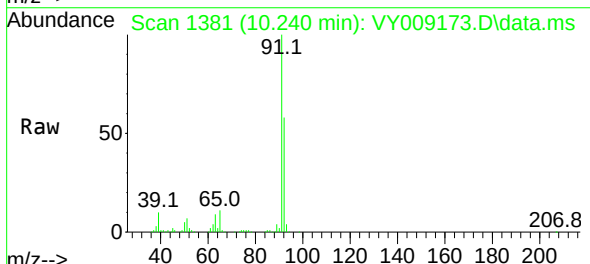
Manual Integrations
APPROVED

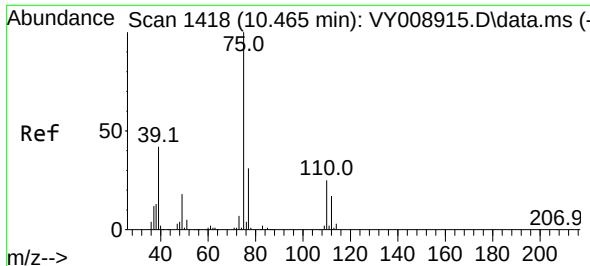
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#52
Toluene
Concen: 50.998 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48

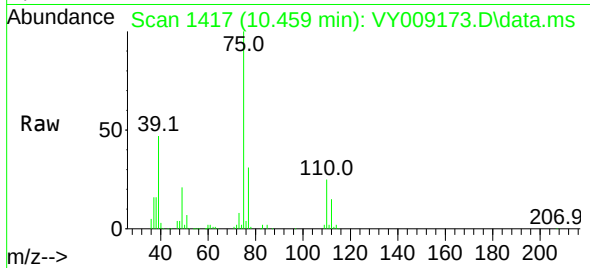
Tgt Ion: 92 Resp: 195990
Ion Ratio Lower Upper
92 100
91 175.2 142.6 213.8





#53
t-1,3-Dichloropropene
Concen: 54.290 ug/l
RT: 10.459 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48

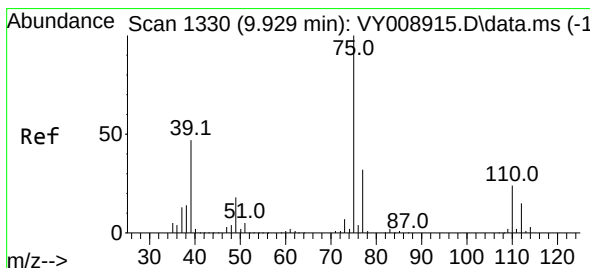
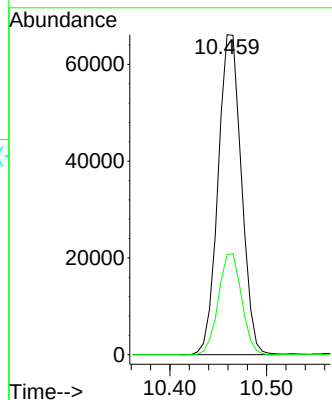
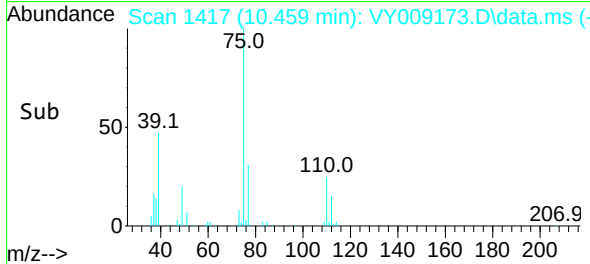
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 110625
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.2

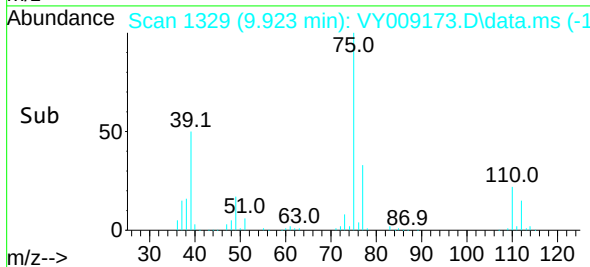
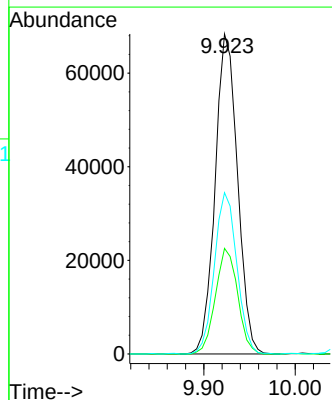
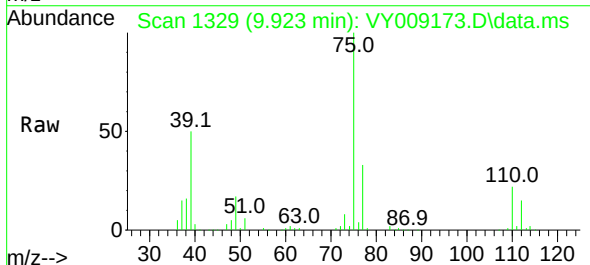
Manual Integrations
APPROVED

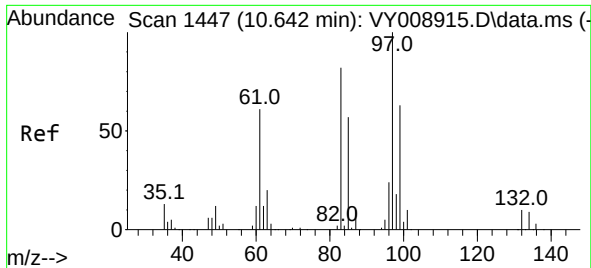
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#54
cis-1,3-Dichloropropene
Concen: 53.185 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48

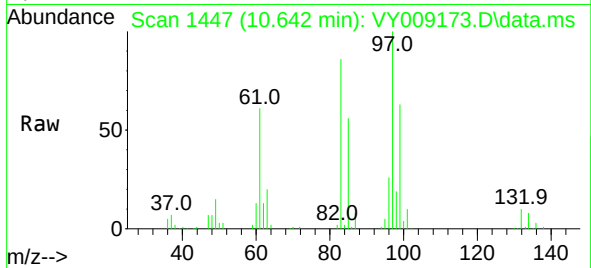
Tgt Ion: 75 Resp: 116505
Ion Ratio Lower Upper
75 100
77 33.0 25.6 38.4
39 50.4 47.6 71.4





#55
1,1,2-Trichloroethane
Concen: 53.152 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

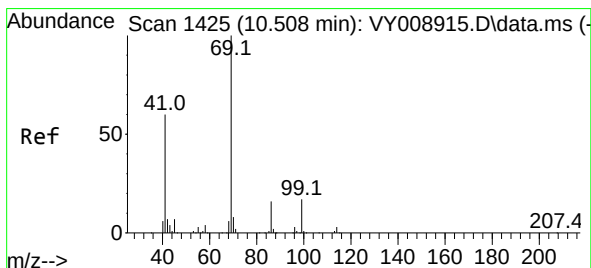
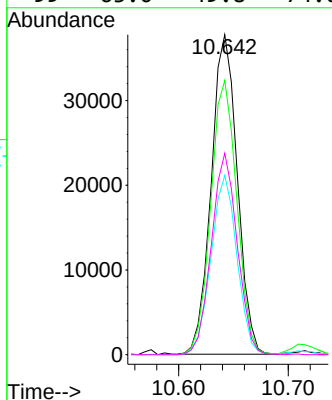
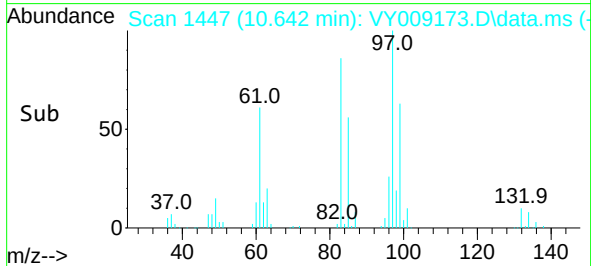


Tgt Ion: 97 Resp: 62435

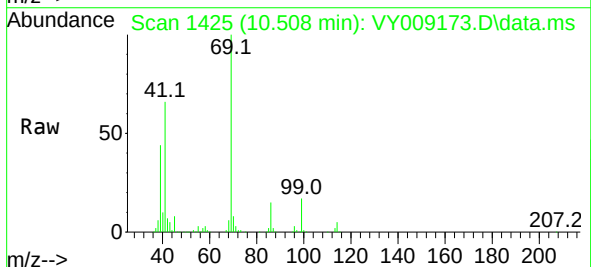
Ion	Ratio	Lower	Upper
97	100		
83	85.8	69.8	104.8
85	56.1	44.3	66.5
99	63.0	49.8	74.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

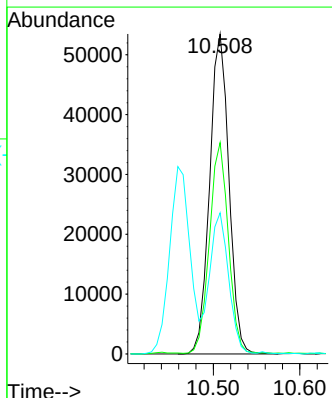
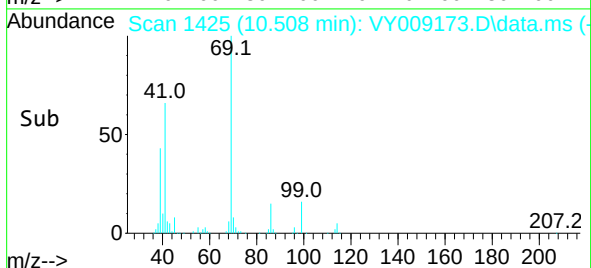


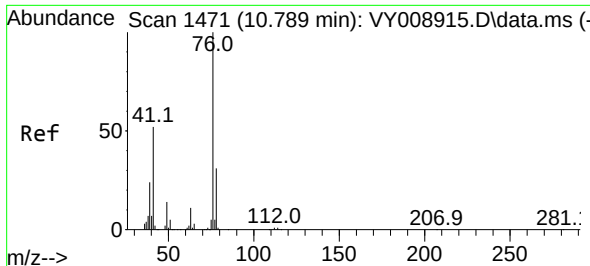
#56
Ethyl methacrylate
Concen: 55.051 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48



Tgt Ion: 69 Resp: 82675

Ion	Ratio	Lower	Upper
69	100		
41	64.5	63.4	95.0
39	43.3	35.8	53.8





#57

1,3-Dichloropropane

Concen: 53.835 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.001 min

Lab File: VY009173.D

Acq: 07 Jun 2022 18:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 10315

Ion Ratio Lower Upper

76 100

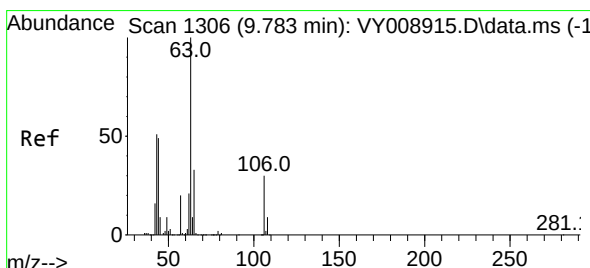
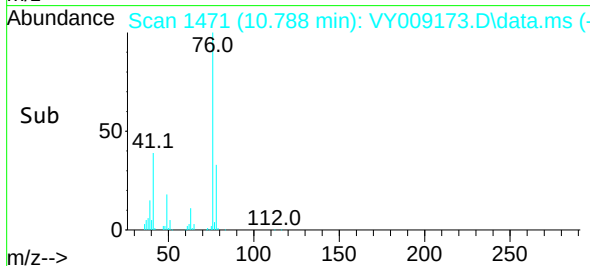
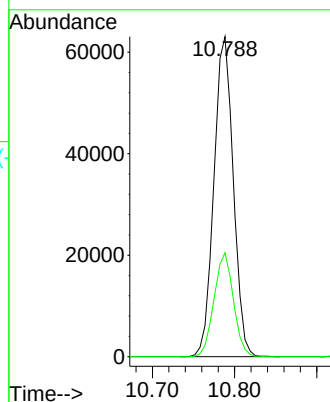
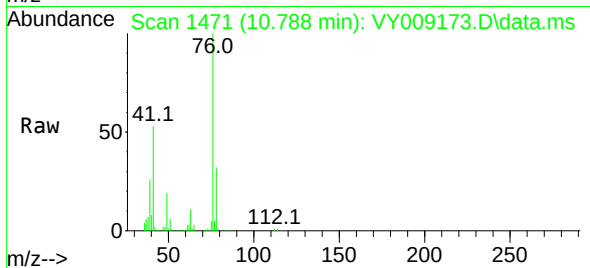
78 32.5 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2022

Supervised By :Mahesh Dadoda 06/08/2022



#58

2-Chloroethyl Vinyl ether

Concen: 238.200 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.007 min

Lab File: VY009173.D

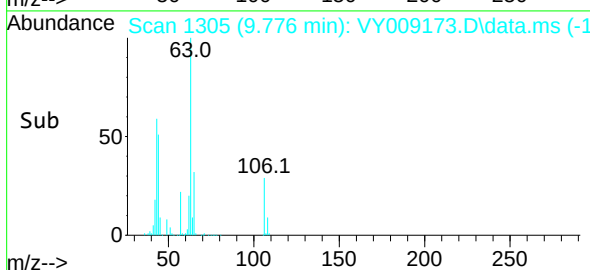
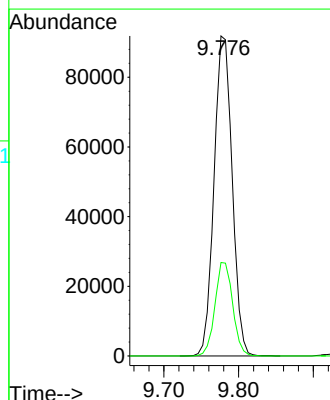
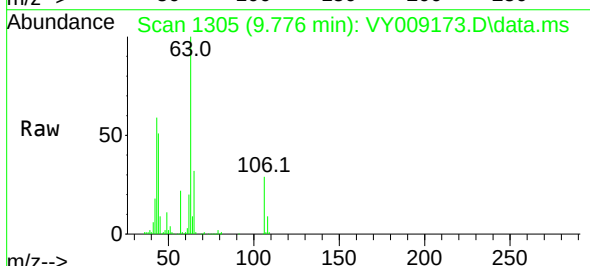
Acq: 07 Jun 2022 18:48

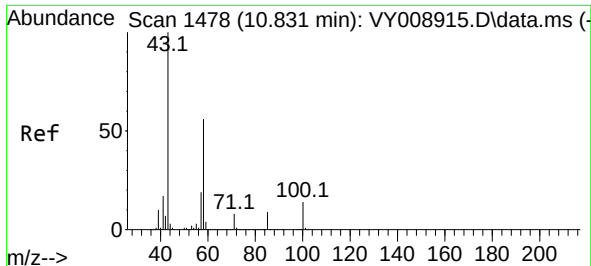
Tgt Ion: 63 Resp: 154763

Ion Ratio Lower Upper

63 100

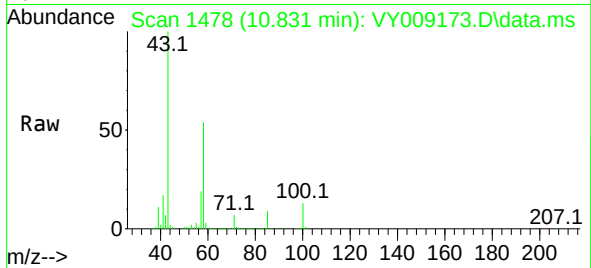
106 28.5 21.5 32.3





#59
2-Hexanone
Concen: 298.523 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48

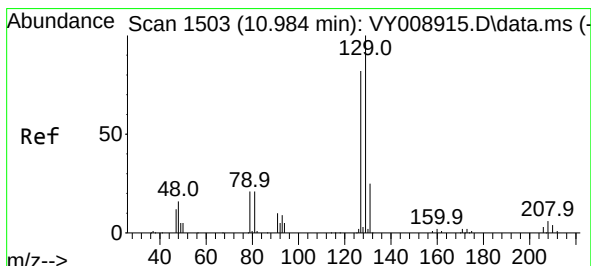
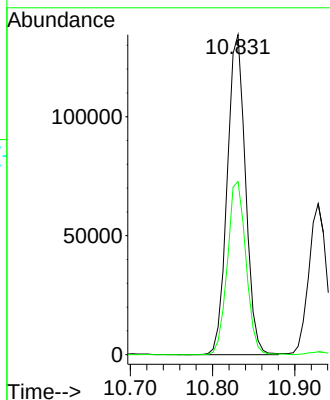
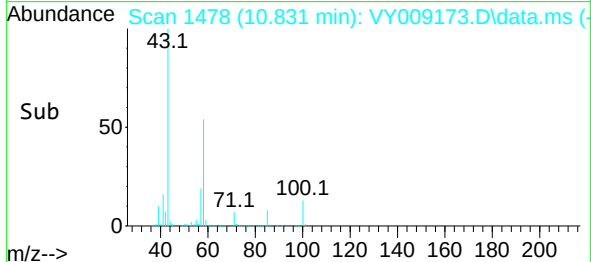
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



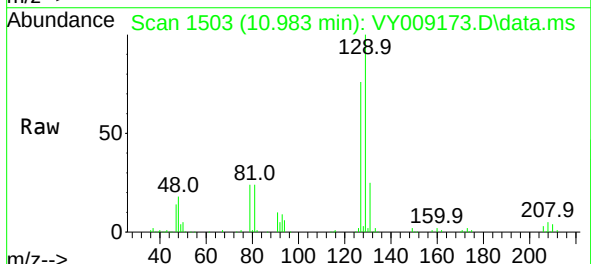
Tgt Ion: 43 Resp: 208060
Ion Ratio Lower Upper
43 100
58 55.0 24.4 73.4

Manual Integrations
APPROVED

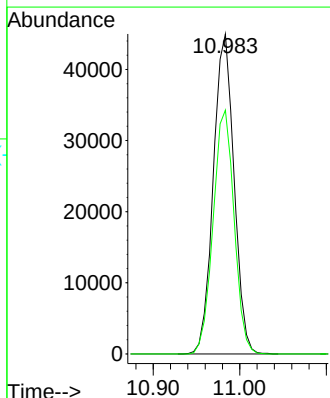
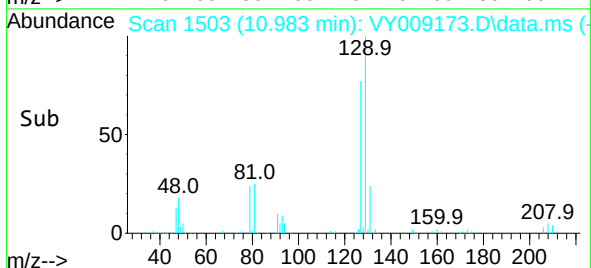
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

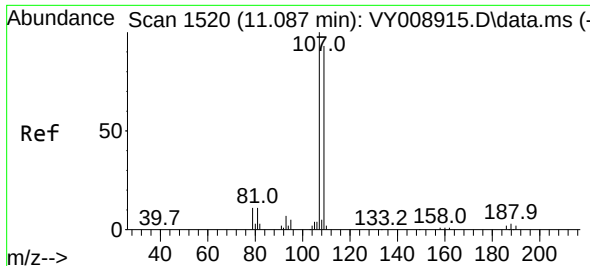


#60
Dibromochloromethane
Concen: 52.434 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48



Tgt Ion:129 Resp: 74662
Ion Ratio Lower Upper
129 100
127 77.2 38.7 116.1





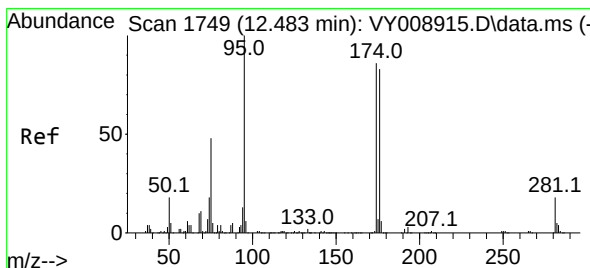
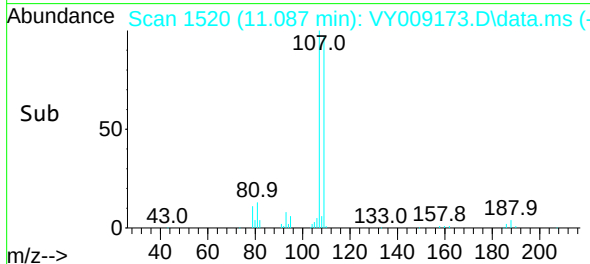
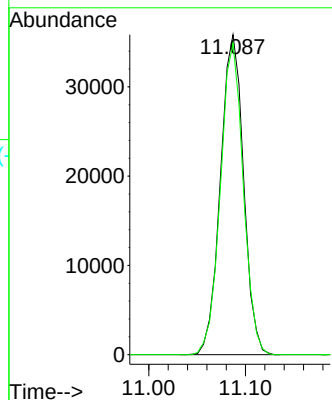
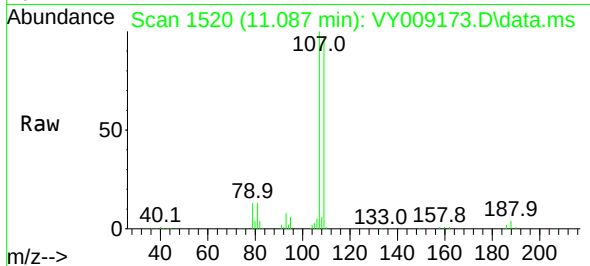
#61
1,2-Dibromoethane
Concen: 50.975 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 5933
Ion Ratio Lower Upper
107 100
109 96.1 75.4 113.2

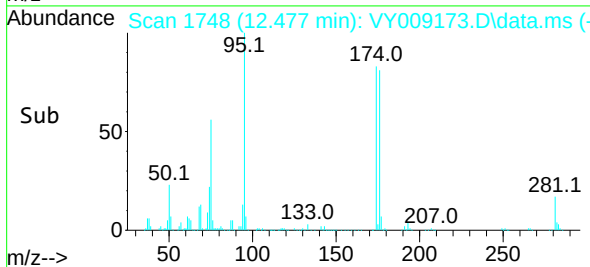
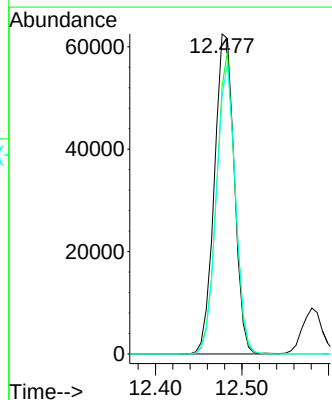
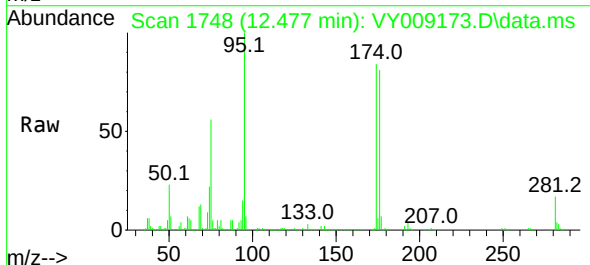
Manual Integrations
APPROVED

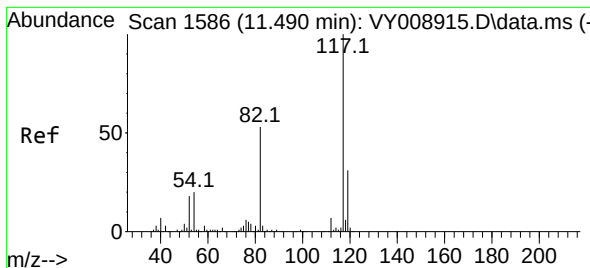
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#62
4-Bromofluorobenzene
Concen: 59.716 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48

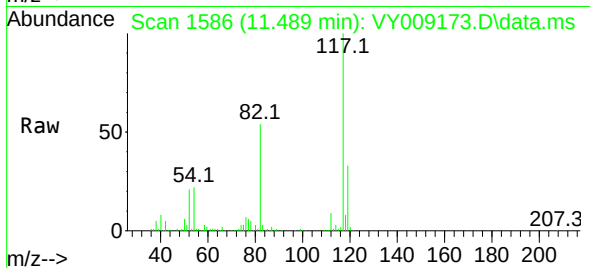
Tgt Ion: 95 Resp: 99584
Ion Ratio Lower Upper
95 100
174 87.9 0.0 177.0
176 86.5 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48

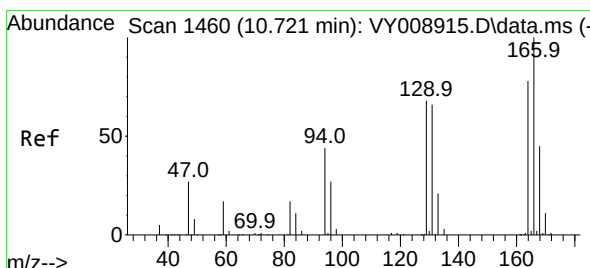
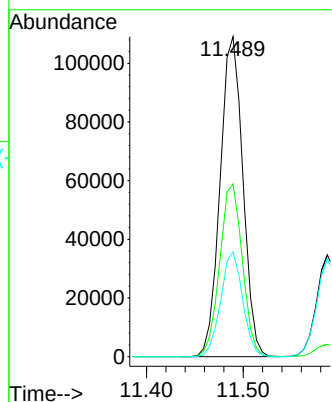
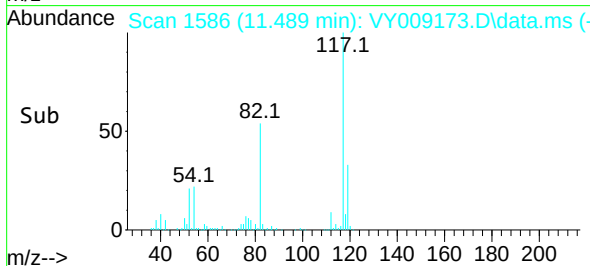
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



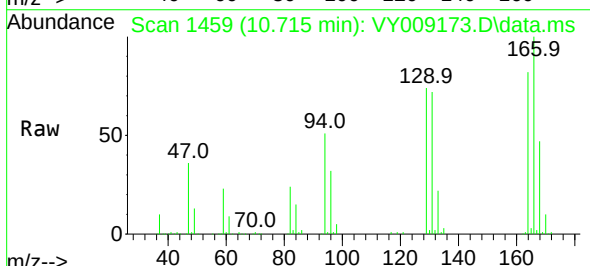
Tgt Ion:117 Resp: 178030
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.4
119 32.7 25.4 38.0

Manual Integrations
APPROVED

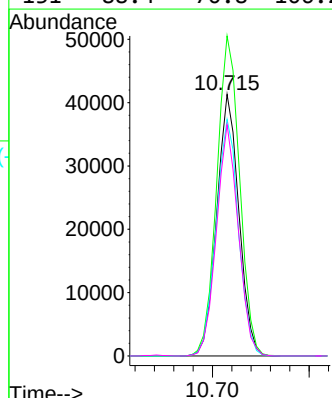
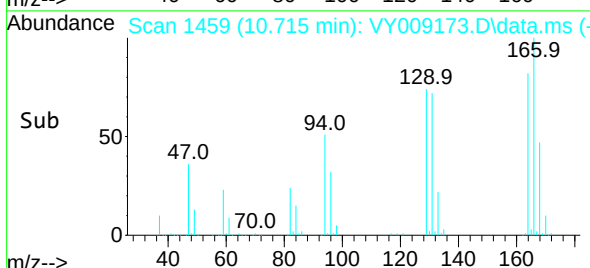
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

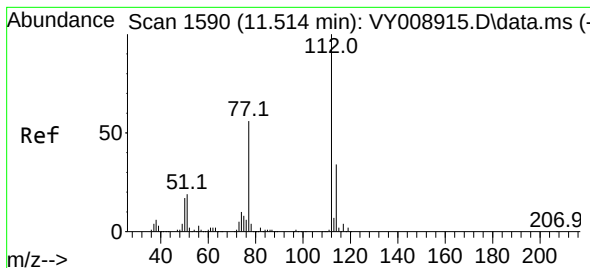


#64
Tetrachloroethene
Concen: 50.704 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48



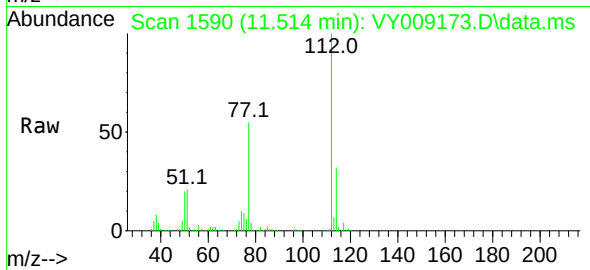
Tgt Ion:164 Resp: 65703
Ion Ratio Lower Upper
164 100
166 122.3 100.4 150.6
129 90.4 71.4 107.0
131 88.4 70.8 106.2





#65
Chlorobenzene
Concen: 51.707 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48

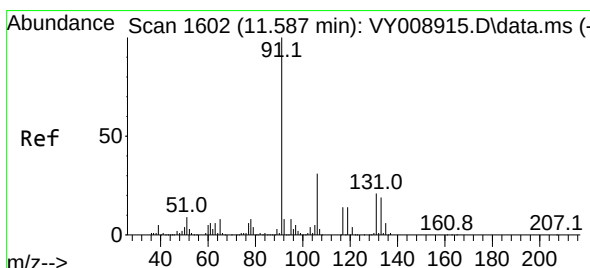
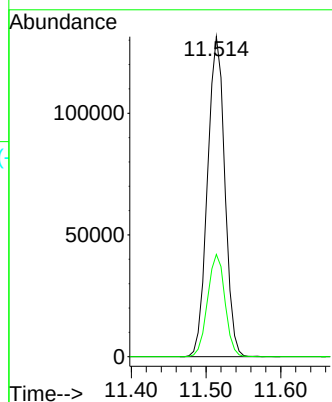
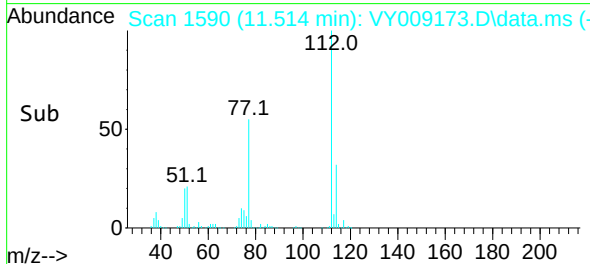
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



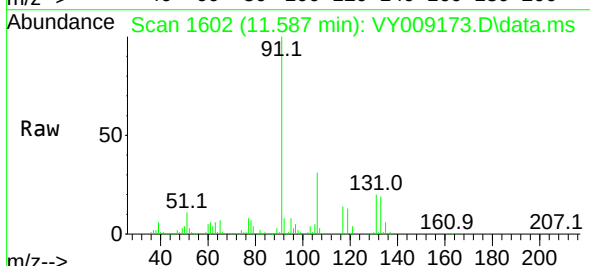
Tgt Ion:112 Resp: 21128
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6

Manual Integrations
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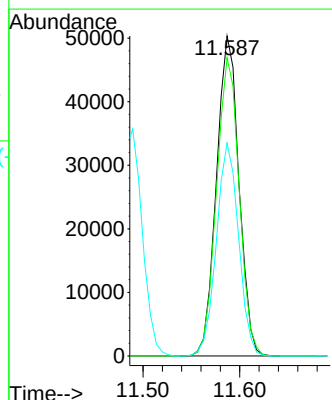
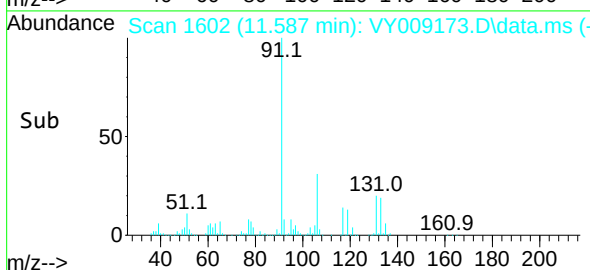
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

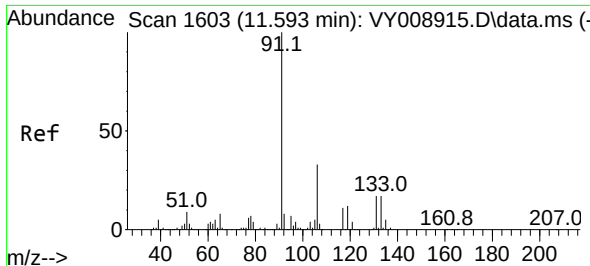


#66
1,1,1,2-Tetrachloroethane
Concen: 54.170 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48



Tgt Ion:131 Resp: 81050
Ion Ratio Lower Upper
131 100
133 94.1 47.9 143.6
119 65.8 30.8 92.3





#67

Ethyl Benzene

Concen: 53.474 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY009173.D

Acq: 07 Jun 2022 18:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 393770

Ion Ratio Lower Upper

91 100

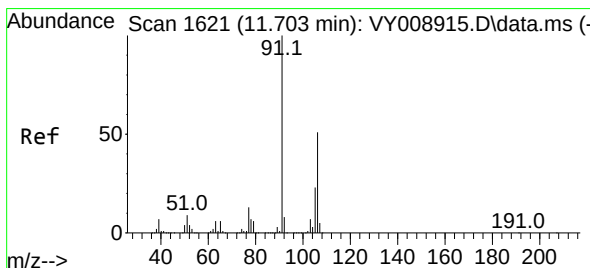
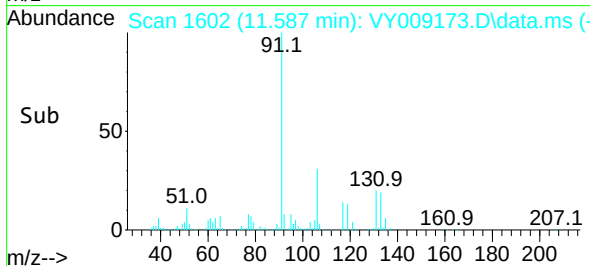
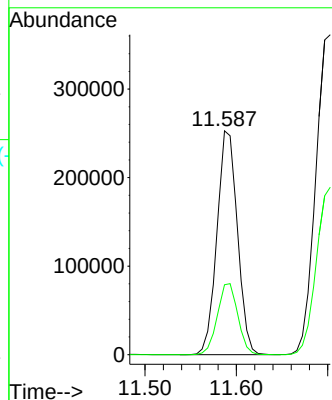
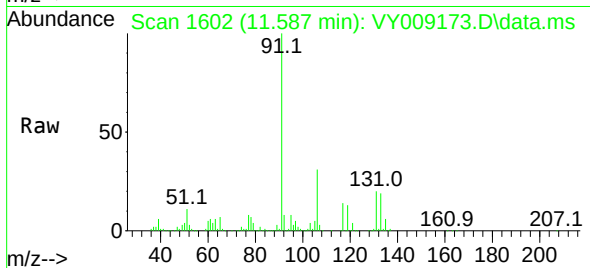
106 31.2 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2022

Supervised By :Mahesh Dadoda 06/08/2022



#68

m/p-Xylenes

Concen: 110.709 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY009173.D

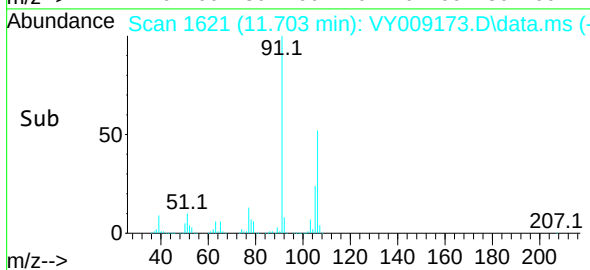
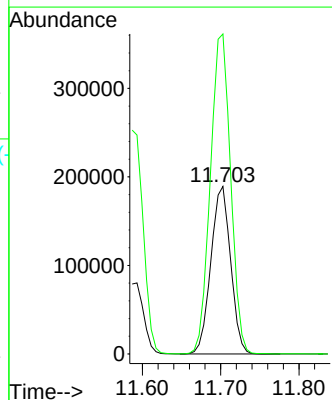
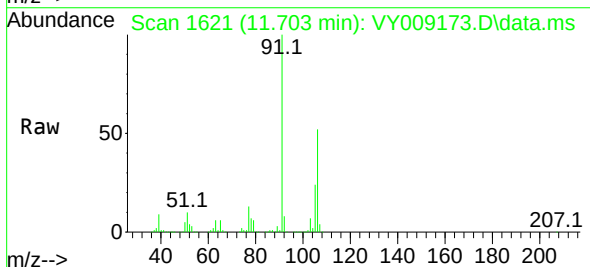
Acq: 07 Jun 2022 18:48

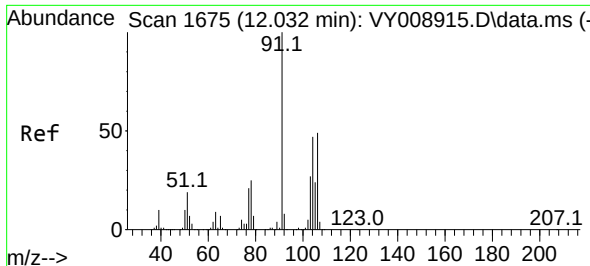
Tgt Ion:106 Resp: 330952

Ion Ratio Lower Upper

106 100

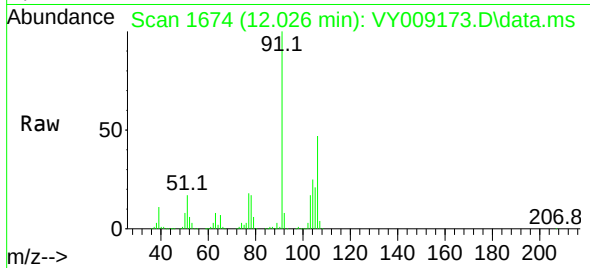
91 196.2 166.6 249.8





#69
o-Xylene
Concen: 55.910 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48

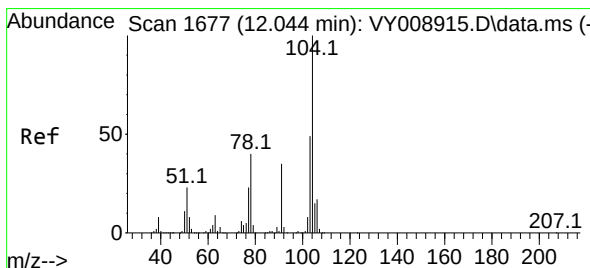
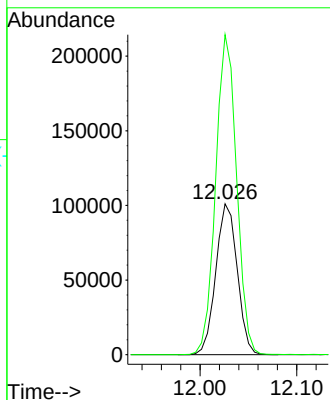
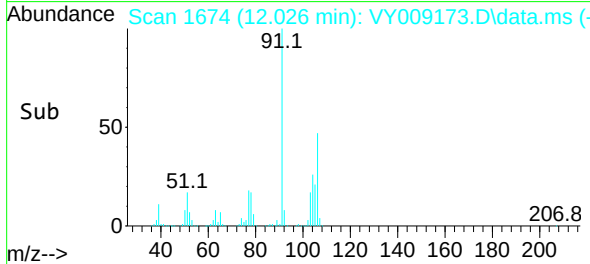
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 155200
Ion Ratio Lower Upper
106 100
91 207.4 110.3 331.0

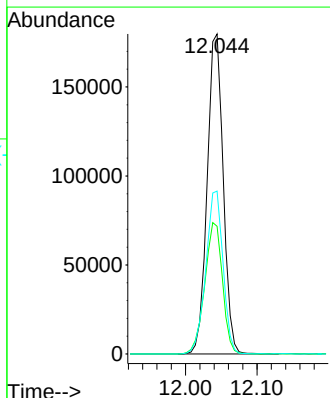
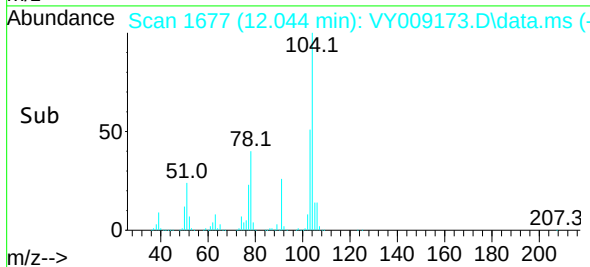
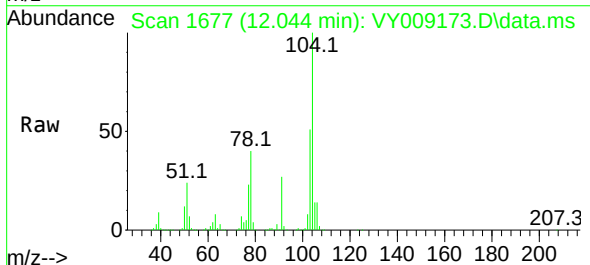
Manual Integrations
APPROVED

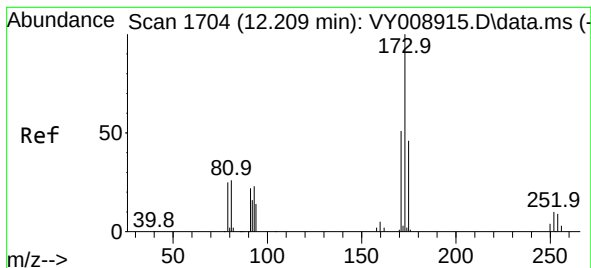
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#70
Styrene
Concen: 58.624 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48

Tgt Ion:104 Resp: 279869
Ion Ratio Lower Upper
104 100
78 45.3 42.4 63.6
103 54.7 44.4 66.6





#71

Bromoform

Concen: 55.009 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009173.D

Acq: 07 Jun 2022 18:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

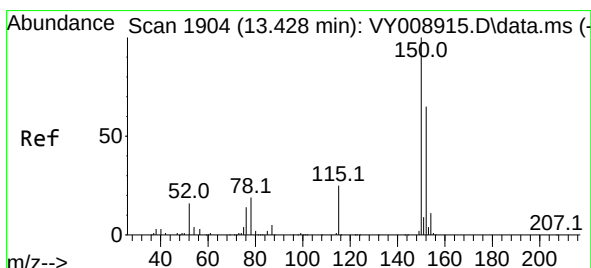
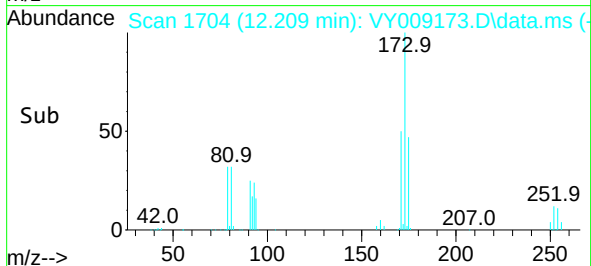
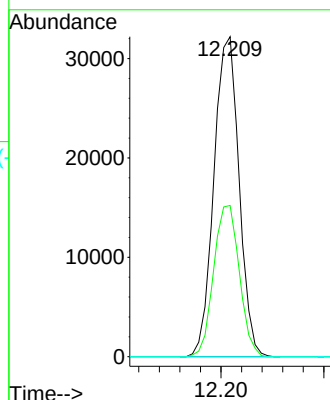
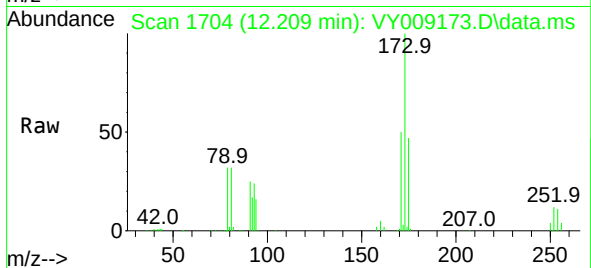
Tgt Ion:173 Resp: 5456
 Ion Ratio Lower Upper
 173 100
 175 48.3 24.6 74.0
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2022

Supervised By :Mahesh Dadoda 06/08/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

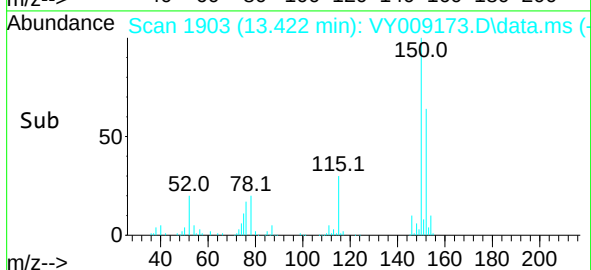
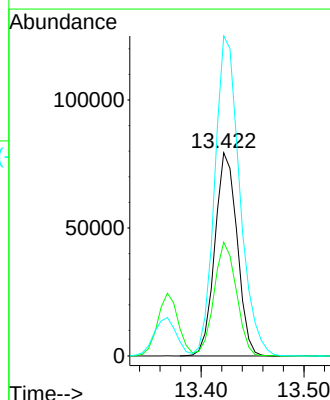
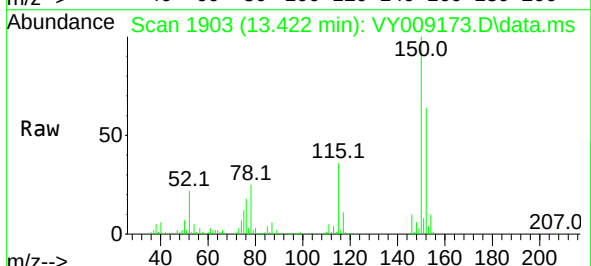
RT: 13.422 min Scan# 1903

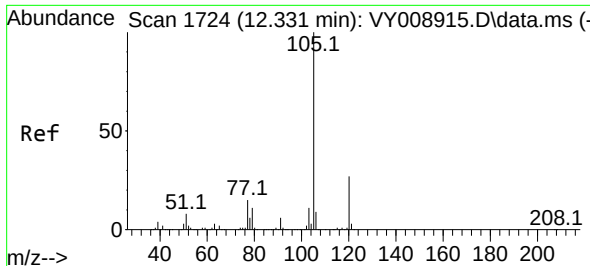
Delta R.T. -0.006 min

Lab File: VY009173.D

Acq: 07 Jun 2022 18:48

Tgt Ion:152 Resp: 119526
 Ion Ratio Lower Upper
 152 100
 115 56.2 28.2 84.7
 150 176.8 0.0 347.6





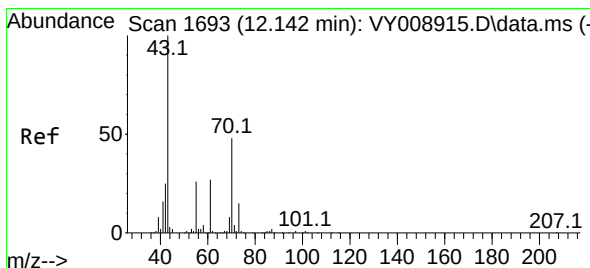
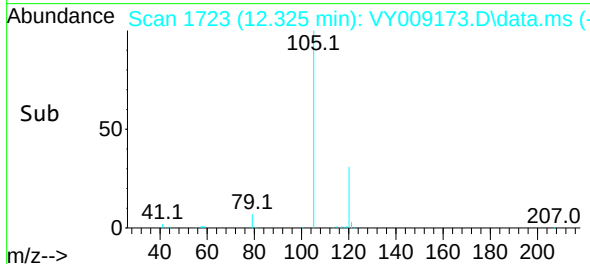
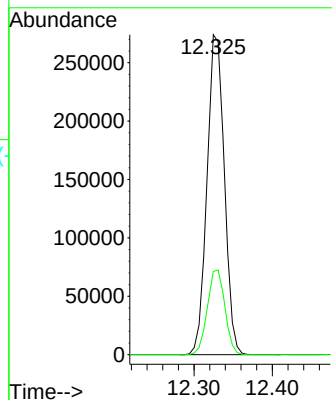
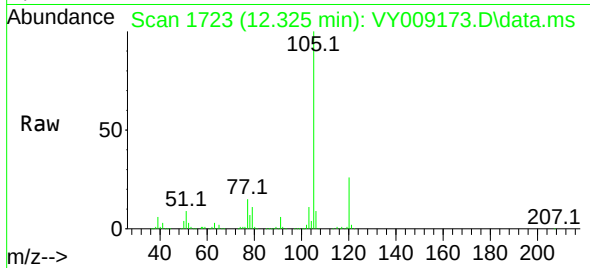
#73
Isopropylbenzene
Concen: 47.087 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 42084
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.2

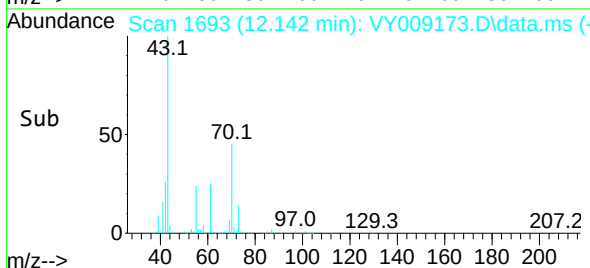
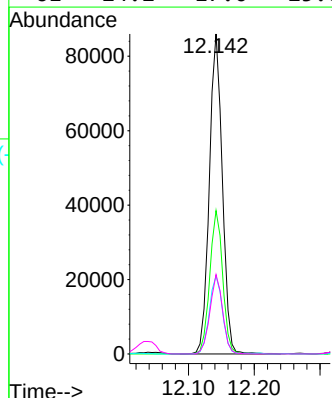
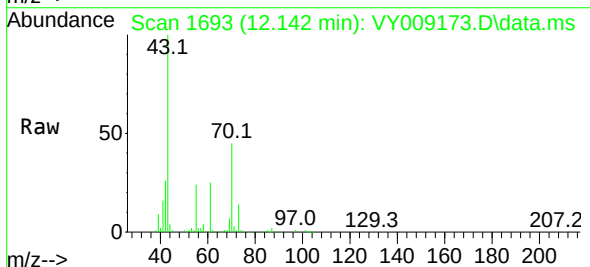
Manual Integrations
APPROVED

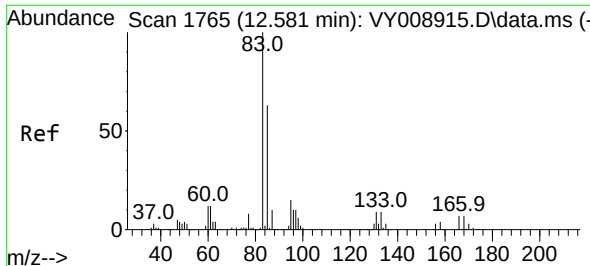
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#74
N-ethyl acetate
Concen: 57.464 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48

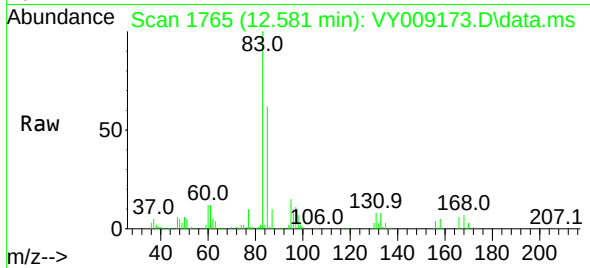
Tgt Ion: 43 Resp: 118495
Ion Ratio Lower Upper
43 100
70 44.5 28.7 43.1#
55 24.7 17.3 25.9
61 24.2 17.0 25.6





#75
1,1,2,2-Tetrachloroethane
Concen: 48.513 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48

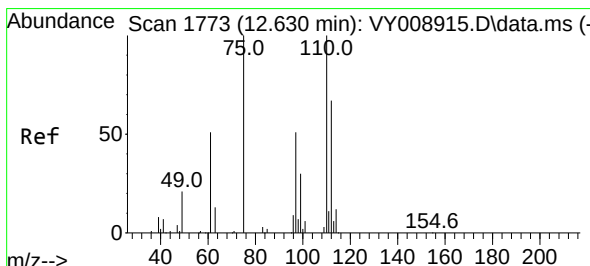
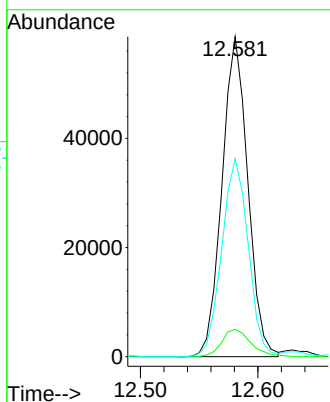
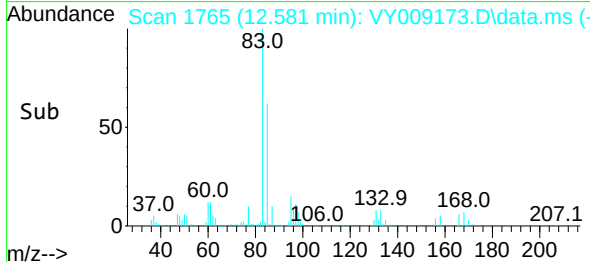
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 89310
Ion Ratio Lower Upper
83 100
131 9.7 5.6 16.8
85 63.6 32.3 96.8

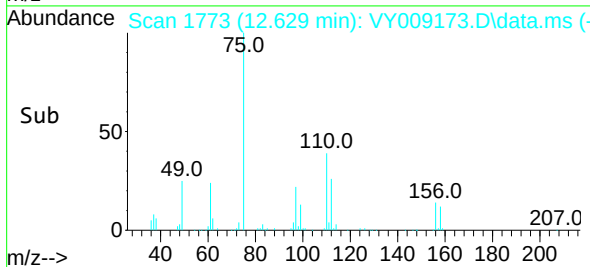
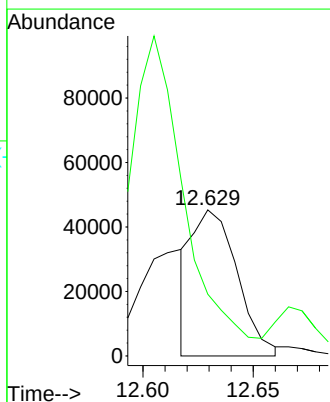
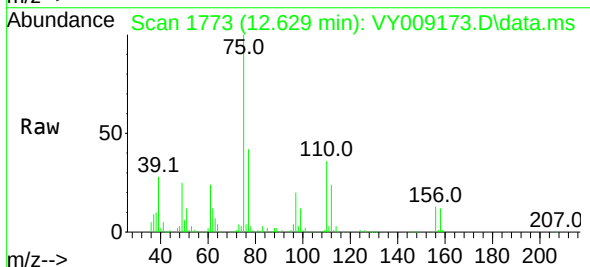
Manual Integrations
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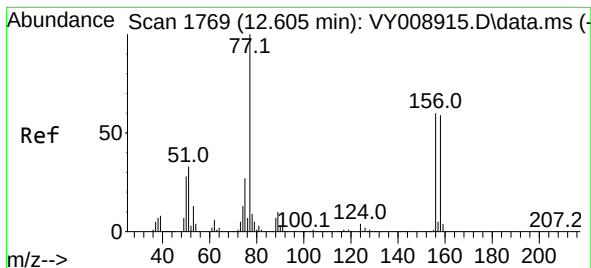
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#76
1,2,3-Trichloropropane
Concen: 50.054 ug/l m
RT: 12.629 min Scan# 1773
Delta R.T. -0.001 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48

Tgt Ion: 75 Resp: 64247
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 45.221 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY009173.D

Acq: 07 Jun 2022 18:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

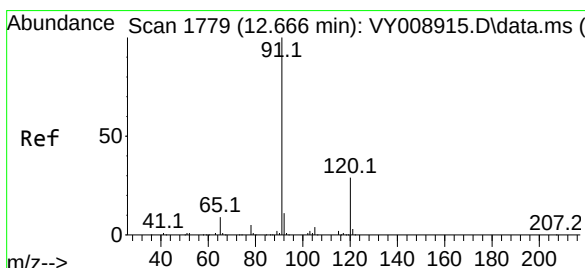
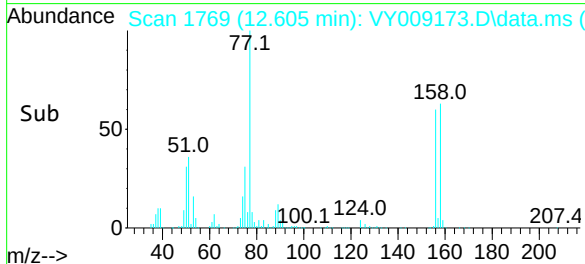
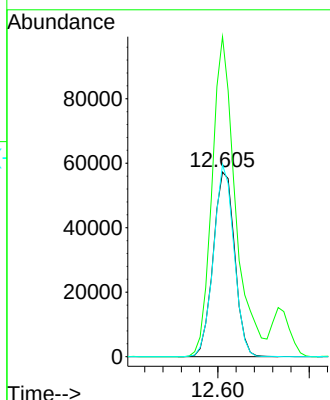
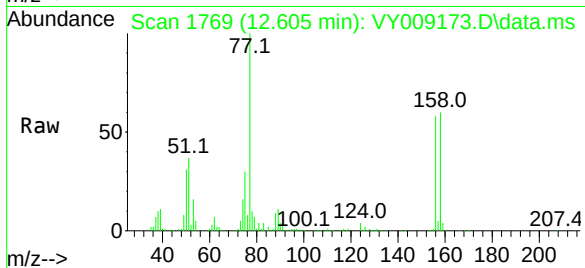
Tgt Ion:	156	Resp:	93688
Ion Ratio	Lower	Upper	
156	100		
77	188.6	95.5	286.4
158	99.1	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2022

Supervised By :Mahesh Dadoda 06/08/2022



#78

n-propylbenzene

Concen: 52.530 ug/l

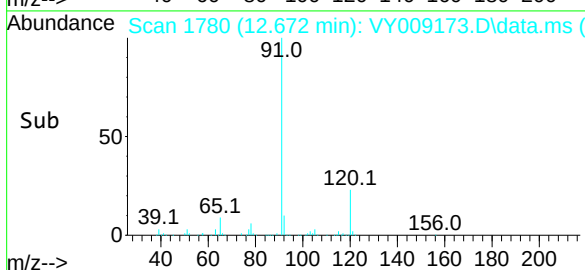
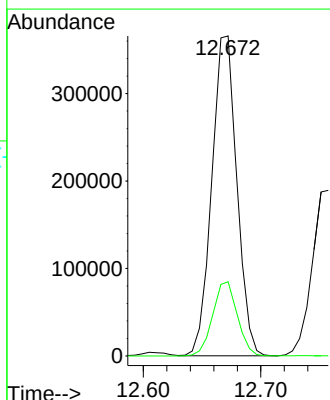
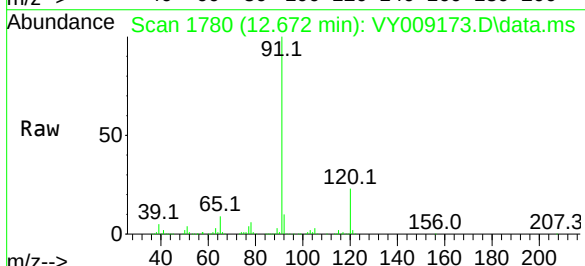
RT: 12.672 min Scan# 1780

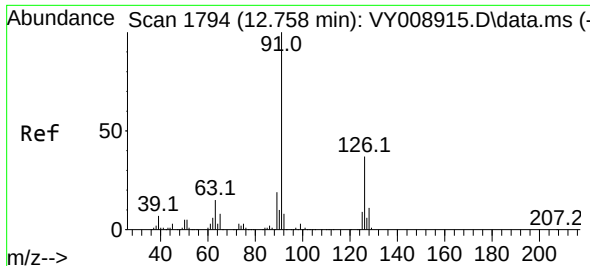
Delta R.T. 0.006 min

Lab File: VY009173.D

Acq: 07 Jun 2022 18:48

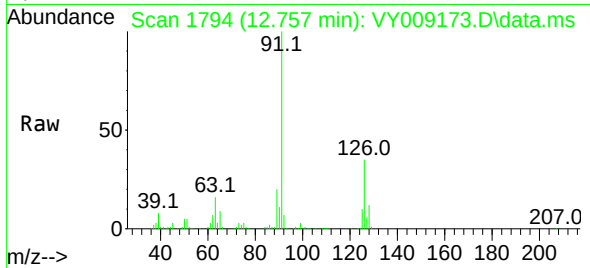
Tgt Ion:	91	Resp:	542422
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.3	33.9





#79
2-Chlorotoluene
Concen: 49.178 ug/l
RT: 12.757 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48

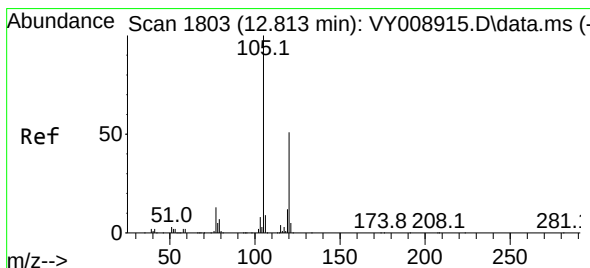
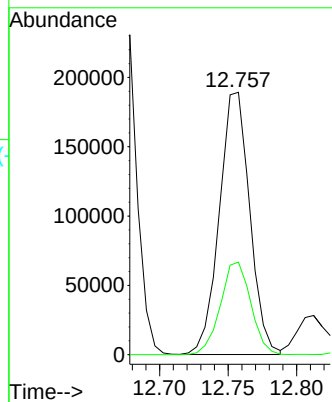
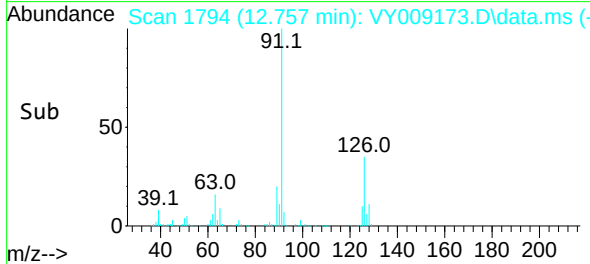
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 29291
Ion Ratio Lower Upper
91 100
126 35.3 16.9 50.6

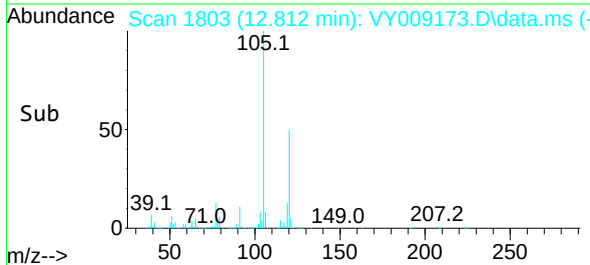
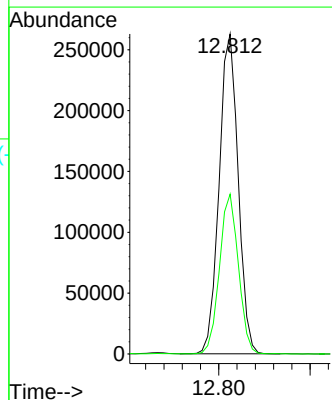
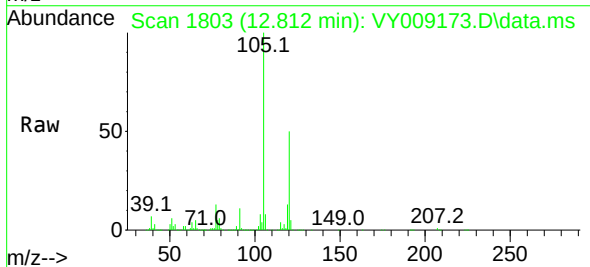
Manual Integrations
APPROVED

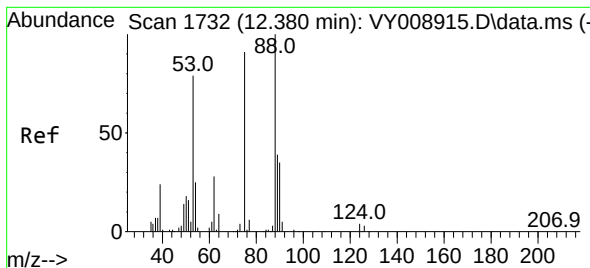
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#80
1,3,5-Trimethylbenzene
Concen: 50.722 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48

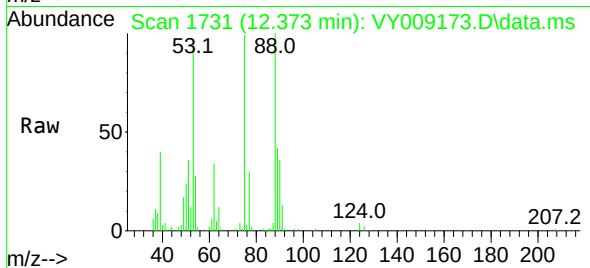
Tgt Ion:105 Resp: 379971
Ion Ratio Lower Upper
105 100
120 49.8 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 50.951 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.007 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48

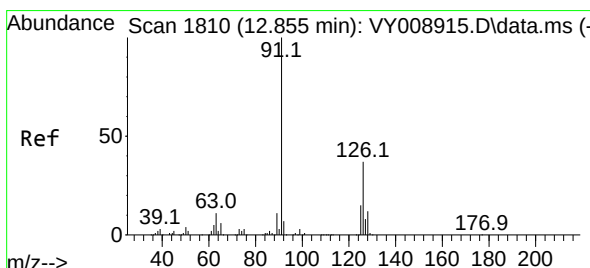
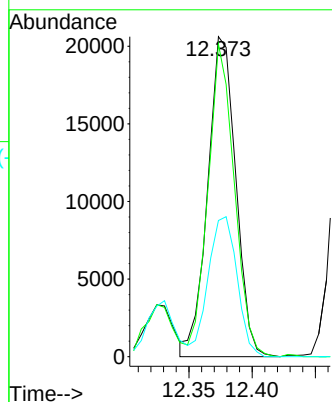
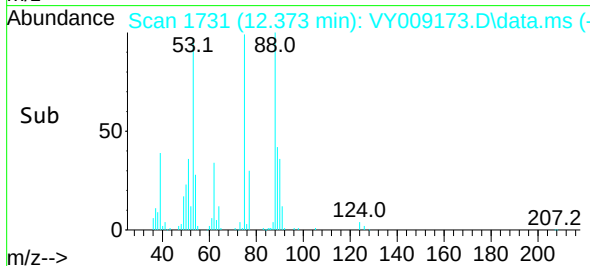
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 3186
Ion Ratio Lower Upper
75 100
53 91.4 85.3 127.9
89 45.0 37.0 55.4

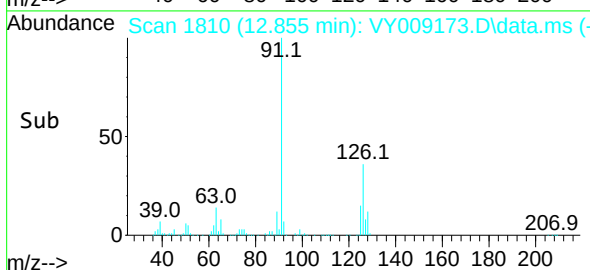
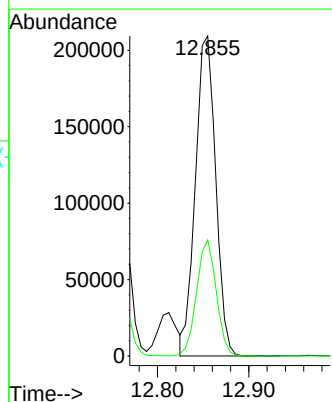
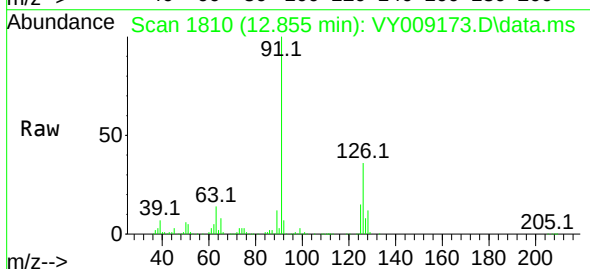
Manual Integrations
APPROVED

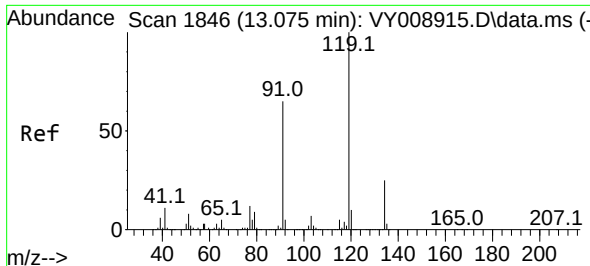
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#82
4-Chlorotoluene
Concen: 50.794 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48

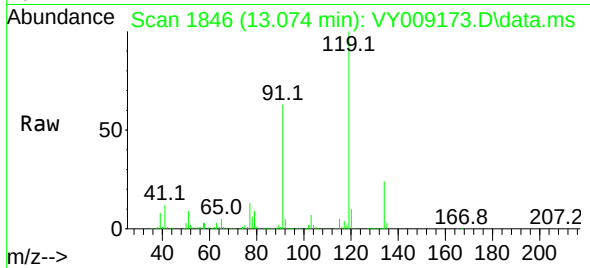
Tgt Ion: 91 Resp: 323592
Ion Ratio Lower Upper
91 100
126 35.2 17.0 51.0





#83
tert-Butylbenzene
Concen: 49.857 ug/l
RT: 13.074 min Scan# 119
Delta R.T. -0.001 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48

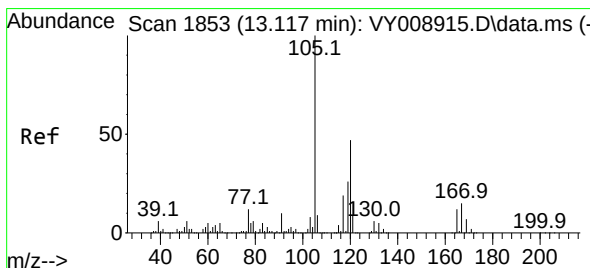
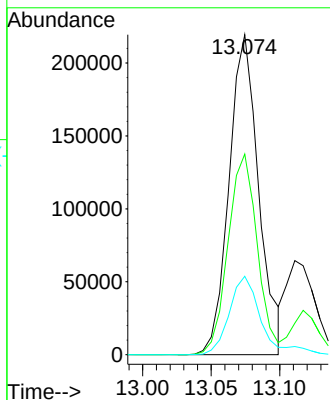
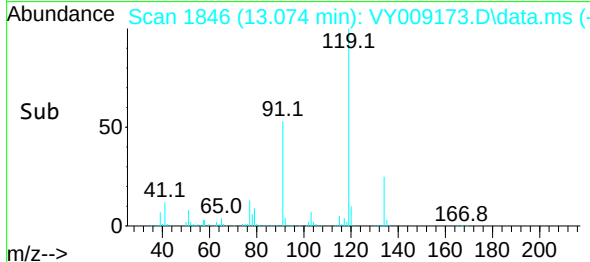
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



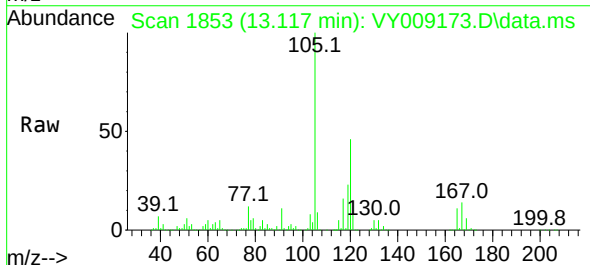
Tgt Ion:119 Resp: 33135
Ion Ratio Lower Upper
119 100
91 61.6 34.8 104.4
134 26.4 13.3 39.9

Manual Integrations
APPROVED

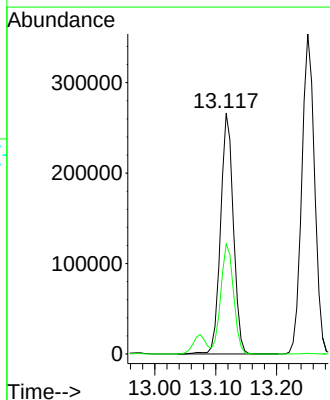
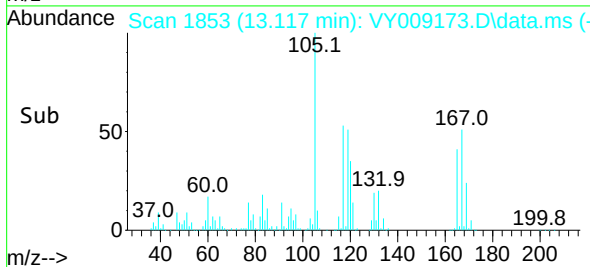
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

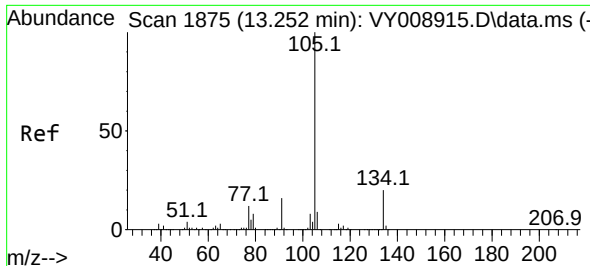


#84
1,2,4-Trimethylbenzene
Concen: 52.174 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48



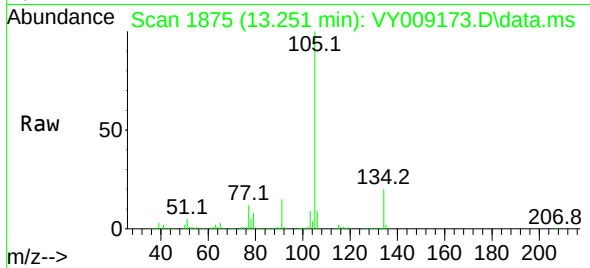
Tgt Ion:105 Resp: 387992
Ion Ratio Lower Upper
105 100
120 45.6 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 50.485 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.001 min
 Lab File: VY009173.D
 Acq: 07 Jun 2022 18:48

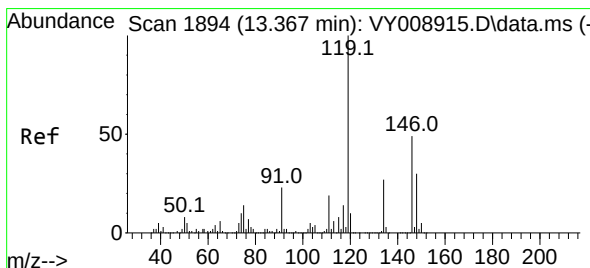
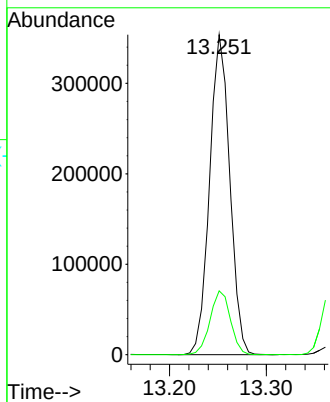
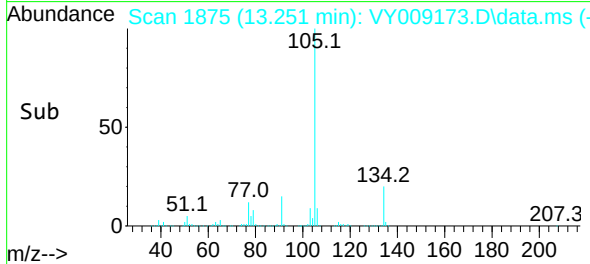
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:105 Resp: 51335
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.4

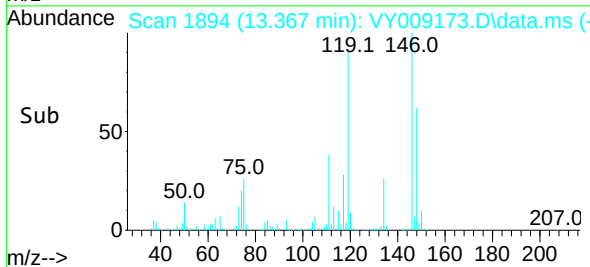
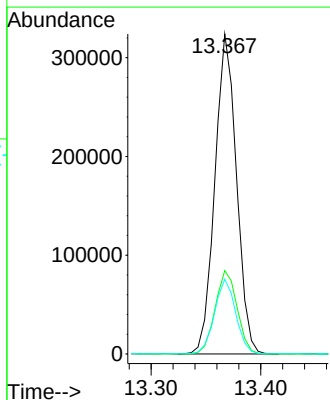
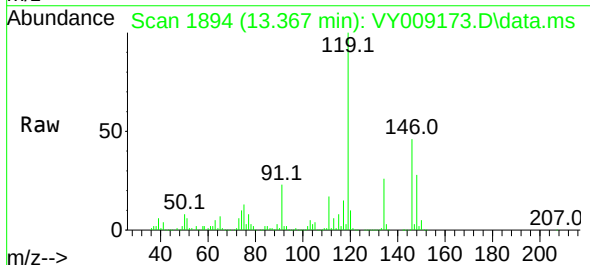
Manual Integrations
 APPROVED

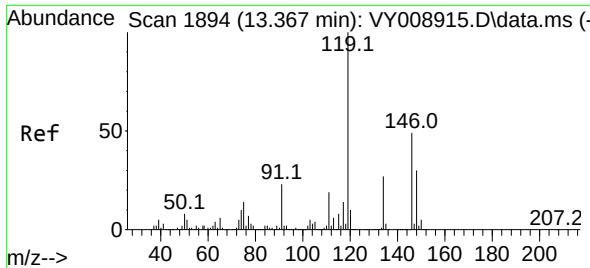
Reviewed By :John Carlone 06/08/2022
 Supervised By :Mahesh Dadoda 06/08/2022



#86
 p-Isopropyltoluene
 Concen: 52.336 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY009173.D
 Acq: 07 Jun 2022 18:48

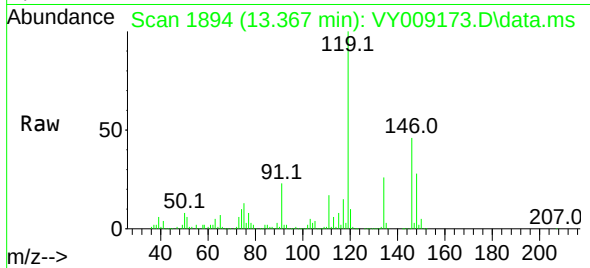
Tgt Ion:119 Resp: 443788
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.2 39.5
 91 22.8 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 50.691 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48

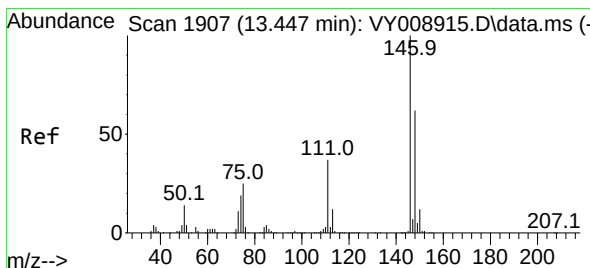
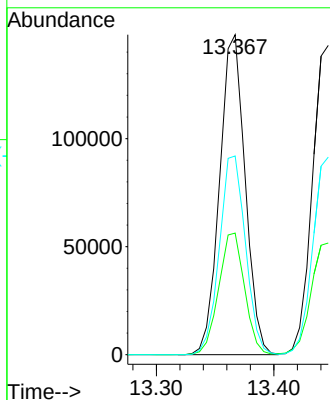
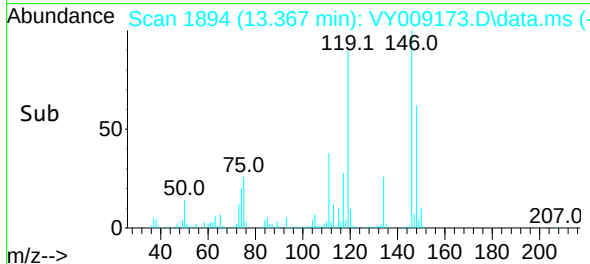
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



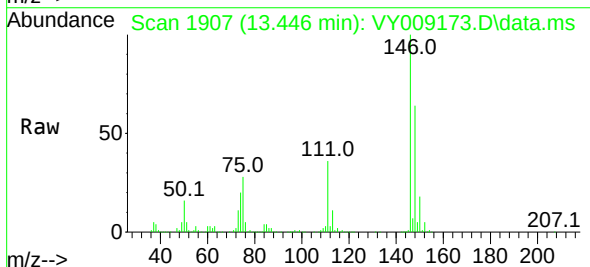
Tgt Ion:146 Resp: 224029
Ion Ratio Lower Upper
146 100
111 38.6 19.5 58.5
148 63.5 31.6 95.0

Manual Integrations
APPROVED

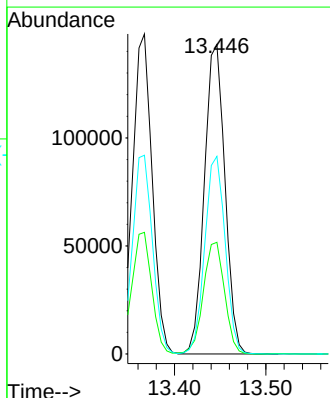
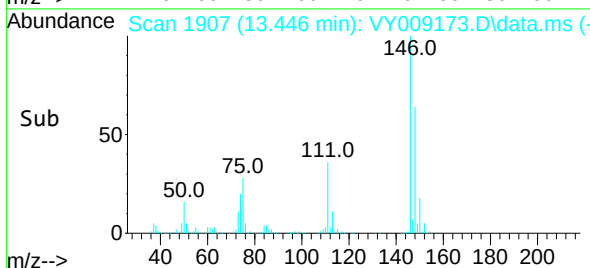
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

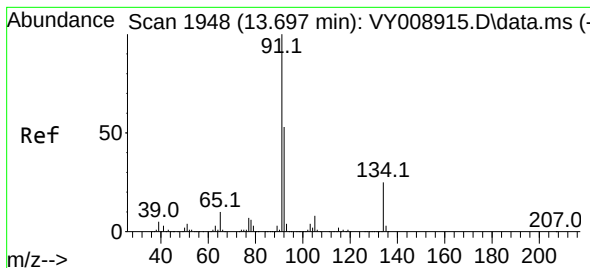


#88
1,4-Dichlorobenzene
Concen: 50.294 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.001 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48



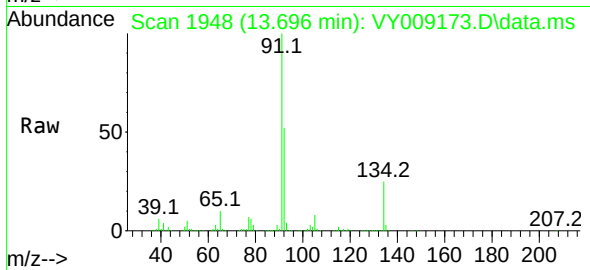
Tgt Ion:146 Resp: 223311
Ion Ratio Lower Upper
146 100
111 37.3 19.3 57.8
148 63.5 32.6 97.8





#89
n-Butylbenzene
Concen: 51.435 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.001 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48

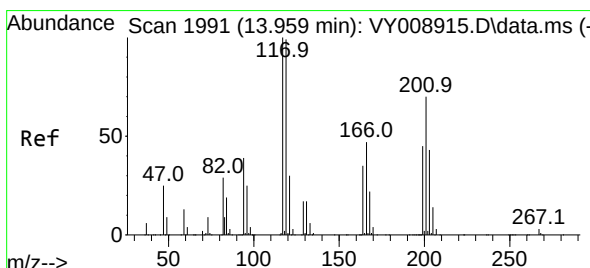
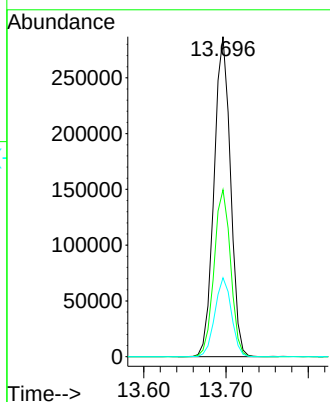
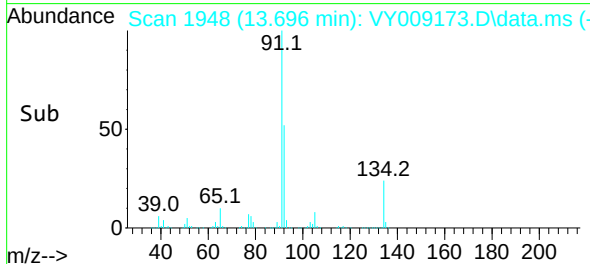
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 399010
Ion Ratio Lower Upper
91 100
92 52.3 26.3 78.9
134 24.8 13.0 38.9

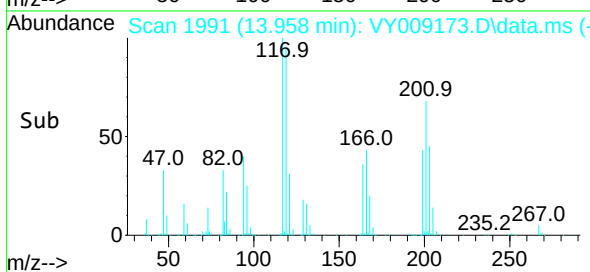
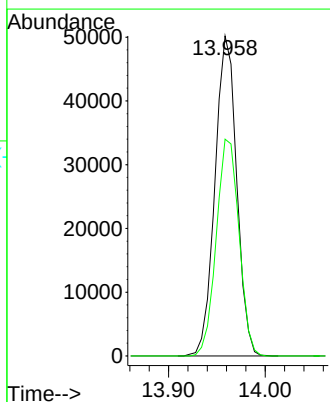
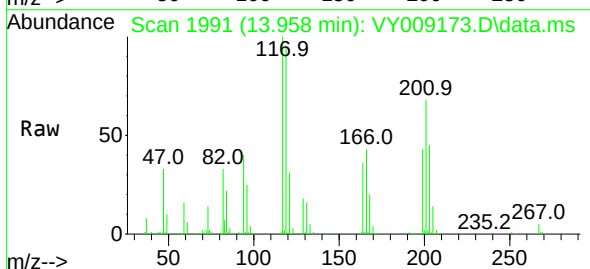
Manual Integrations
APPROVED

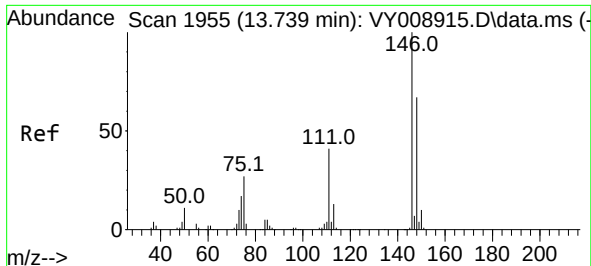
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#90
Hexachloroethane
Concen: 49.193 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.001 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48

Tgt Ion:117 Resp: 78172
Ion Ratio Lower Upper
117 100
201 70.9 43.0 128.8





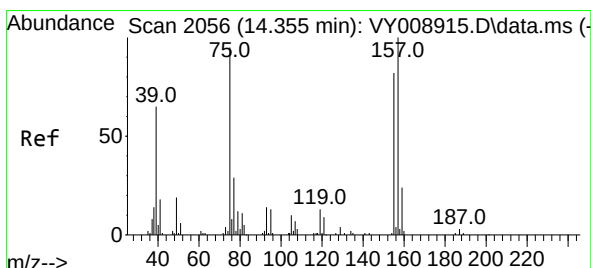
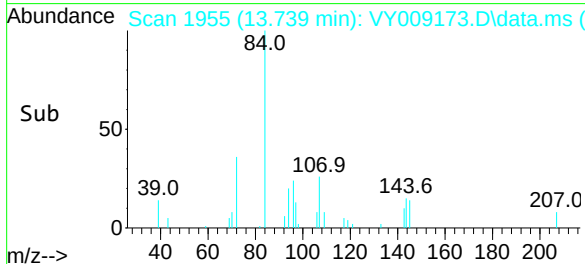
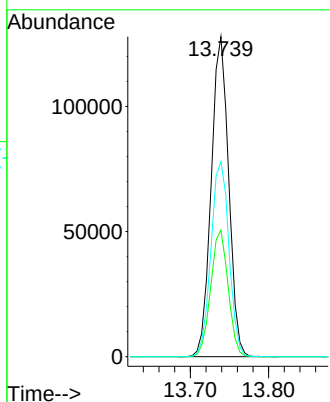
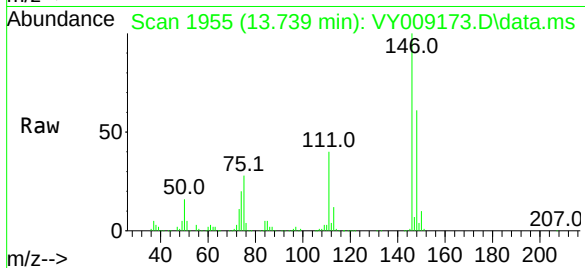
#91
1,2-Dichlorobenzene
Concen: 50.716 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 19785
Ion Ratio Lower Upper
146 100
111 39.4 20.3 60.9
148 63.0 32.3 96.9

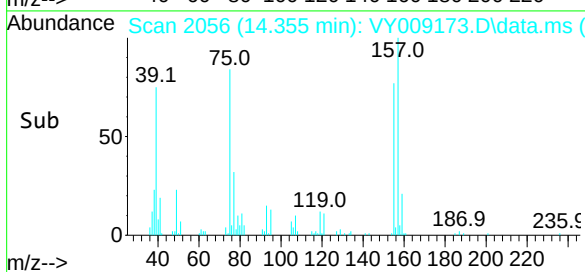
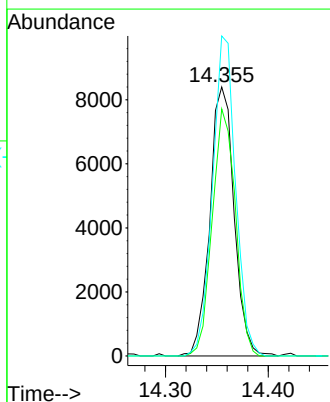
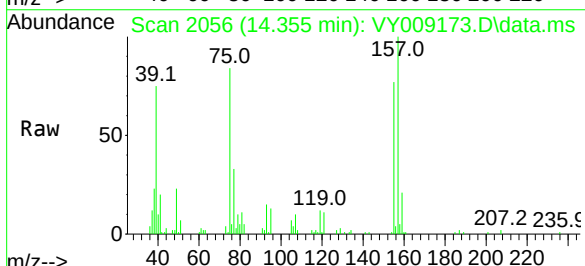
Manual Integrations
APPROVED

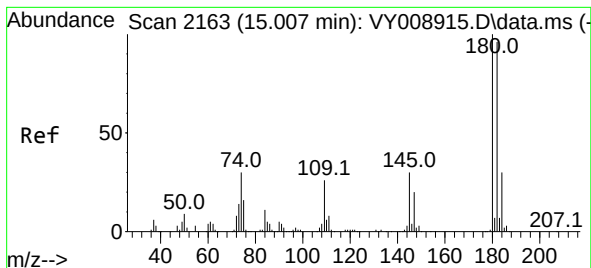
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.136 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48

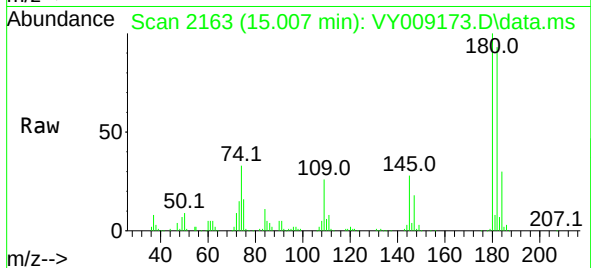
Tgt Ion: 75 Resp: 13759
Ion Ratio Lower Upper
75 100
155 87.4 38.0 113.9
157 113.0 47.8 143.3





#93
1,2,4-Trichlorobenzene
Concen: 44.412 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48

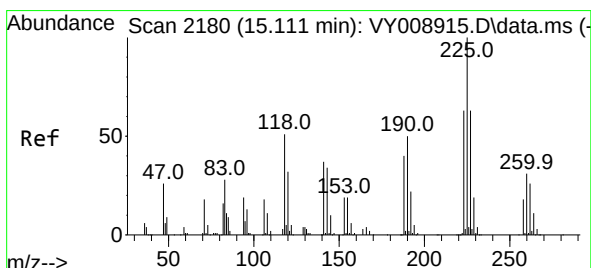
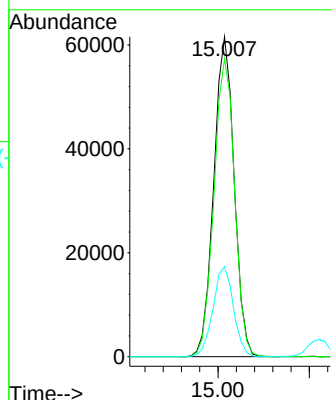
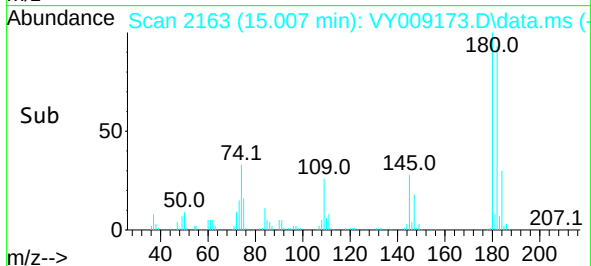
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



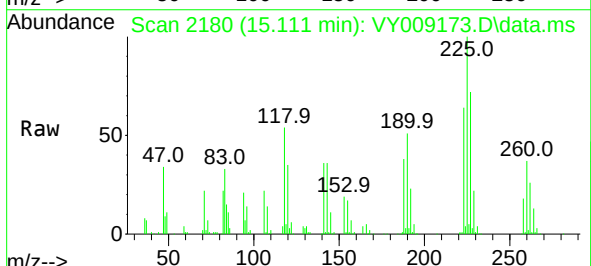
Tgt Ion:180 Resp: 95089
Ion Ratio Lower Upper
180 100
182 94.4 47.3 141.9
145 28.3 14.6 43.8

Manual Integrations
APPROVED

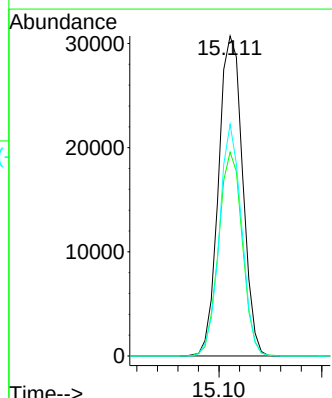
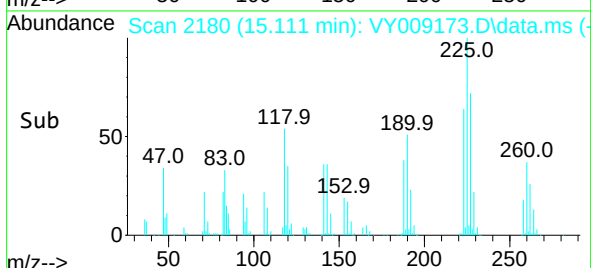
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

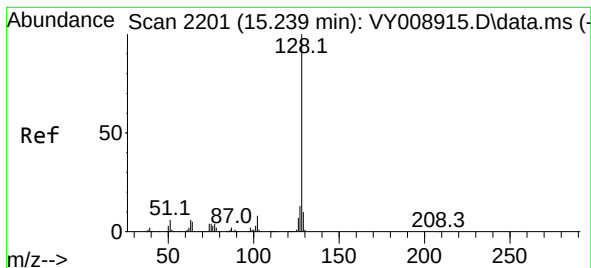


#94
Hexachlorobutadiene
Concen: 42.737 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY009173.D
Acq: 07 Jun 2022 18:48



Tgt Ion:225 Resp: 49871
Ion Ratio Lower Upper
225 100
223 62.8 30.8 92.3
227 66.8 31.6 94.7





#95

Naphthalene

Concen: 46.768 ug/l

RT: 15.239 min Scan# 2115

Delta R.T. -0.000 min

Lab File: VY009173.D

Acq: 07 Jun 2022 18:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 20115

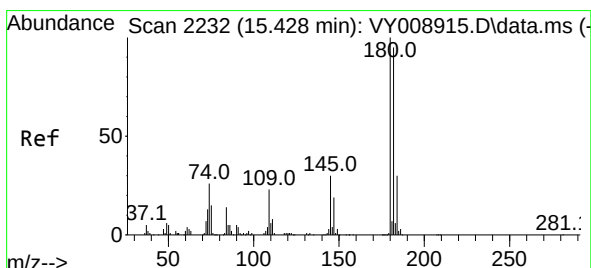
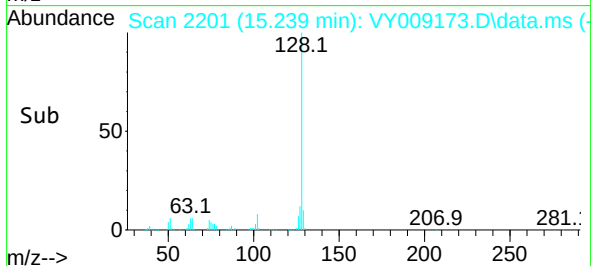
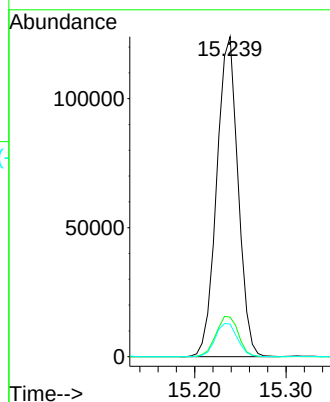
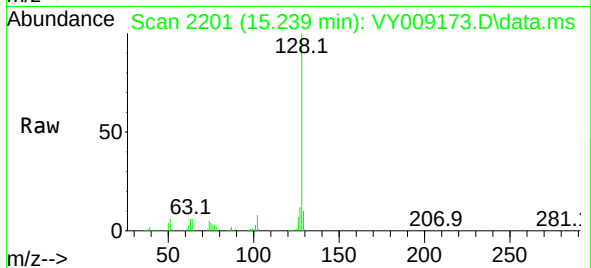
Ion	Ratio	Lower	Upper
128	100		
127	13.2	11.0	16.4
129	10.8	8.4	12.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2022

Supervised By :Mahesh Dadoda 06/08/2022



#96

1,2,3-Trichlorobenzene

Concen: 44.264 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY009173.D

Acq: 07 Jun 2022 18:48

Tgt Ion:180 Resp: 82355

Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.3	141.9
145	30.2	15.3	45.9

