

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032822\
 Data File : VY008058.D
 Acq On : 28 Mar 2022 11:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/29/2022
 Supervised By : Mahesh Dadoda 03/29/2022

Quant Time: Mar 28 18:55:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	151209	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	258871	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	238689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	116703	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	77867	51.327	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.660%	
35) Dibromofluoromethane	7.722	113	83586	51.499	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.000%	
50) Toluene-d8	10.185	98	307880	50.349	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.700%	
62) 4-Bromofluorobenzene	12.483	95	108623	50.350	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.700%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	78307	57.448	ug/l	98
3) Chloromethane	2.119	50	87286	52.586	ug/l	92
4) Vinyl Chloride	2.260	62	114780	51.972	ug/l	97
5) Bromomethane	2.656	94	87783	48.501	ug/l	98
6) Chloroethane	2.802	64	75510	51.977	ug/l	99
7) Trichlorofluoromethane	3.137	101	148759	53.248	ug/l	97
8) Diethyl Ether	3.534	74	49041	54.206	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.906	101	97051	56.003	ug/l	91
10) Methyl Iodide	4.101	142	112883	55.572	ug/l	90
11) Tert butyl alcohol	4.954	59	35116	223.097	ug/l #	95
12) 1,1-Dichloroethene	3.881	96	88420	55.114	ug/l #	80
13) Acrolein	3.735	56	26755	208.835	ug/l	97
14) Allyl chloride	4.485	41	115957	54.935	ug/l #	90
15) Acrylonitrile	5.168	53	109663	254.475	ug/l	98
16) Acetone	3.948	43	101394	292.403	ug/l #	80
17) Carbon Disulfide	4.204	76	255723	56.253	ug/l	100
18) Methyl Acetate	4.485	43	45019	49.328	ug/l #	78
19) Methyl tert-butyl Ether	5.229	73	243533	53.415	ug/l	95
20) Methylene Chloride	4.723	84	102641	59.028	ug/l #	78
21) trans-1,2-Dichloroethene	5.229	96	102460	55.156	ug/l #	82
22) Diisopropyl ether	6.119	45	253125	55.739	ug/l #	93
23) Vinyl Acetate	6.064	43	805981	286.430	ug/l #	86
24) 1,1-Dichloroethane	6.027	63	165766	55.137	ug/l	98
25) 2-Butanone	6.990	43	136043	257.807	ug/l #	77
26) 2,2-Dichloropropane	6.990	77	160257	56.286	ug/l	94
27) cis-1,2-Dichloroethene	6.990	96	118310	54.946	ug/l	81
28) Bromochloromethane	7.338	49	39190	49.278	ug/l #	66
29) Tetrahydrofuran	7.350	42	84956	247.635	ug/l #	75
30) Chloroform	7.509	83	180645	55.491	ug/l	99
31) Cyclohexane	7.789	56	144434	50.933	ug/l #	85
32) 1,1,1-Trichloroethane	7.704	97	165512	55.026	ug/l	94
36) 1,1-Dichloropropene	7.923	75	138343	54.263	ug/l	96
37) Ethyl Acetate	7.076	43	58649	49.243	ug/l #	91
38) Carbon Tetrachloride	7.905	117	152445	54.868	ug/l	98
39) Methylcyclohexane	9.185	83	182174	52.938	ug/l #	85
40) Benzene	8.167	78	394406	54.082	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	32662m	54.616	ug/l	
42) 1,2-Dichloroethane	8.240	62	108286	52.931	ug/l	90
43) Isopropyl Acetate	8.277	43	116978	50.032	ug/l #	84
44) Trichloroethene	8.941	130	116668	55.323	ug/l	100
45) 1,2-Dichloropropane	9.222	63	93136	54.189	ug/l	96
46) Dibromomethane	9.307	93	59779	52.896	ug/l	96
47) Bromodichloromethane	9.502	83	139951	54.157	ug/l	98
48) Methyl methacrylate	9.295	41	50991	49.240	ug/l #	77
49) 1,4-Dioxane	9.295	88	14445	961.499	ug/l #	84
51) 4-Methyl-2-Pentanone	10.075	43	284530	241.287	ug/l #	82
52) Toluene	10.246	92	260612	54.491	ug/l	95
53) t-1,3-Dichloropropene	10.472	75	144177	54.428	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	162561	54.212	ug/l #	83
55) 1,1,2-Trichloroethane	10.648	97	84698	54.277	ug/l	96
56) Ethyl methacrylate	10.514	69	106353	52.248	ug/l #	73
57) 1,3-Dichloropropane	10.795	76	135338	52.991	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.789	63	208536	247.260	ug/l #	88
59) 2-Hexanone	10.837	43	203600	246.742	ug/l	79
60) Dibromochloromethane	10.990	129	102402	53.957	ug/l	99
61) 1,2-Dibromoethane	11.093	107	82723	53.227	ug/l	100
64) Tetrachloroethene	10.721	164	95301	51.985	ug/l	96
65) Chlorobenzene	11.520	112	285984	53.138	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	108184	54.495	ug/l	98
67) Ethyl Benzene	11.599	91	500551	53.065	ug/l	95
68) m/p-Xylenes	11.709	106	400553	106.790	ug/l	90
69) o-Xylene	12.032	106	191224	53.246	ug/l	90
70) Styrene	12.050	104	320559	54.526	ug/l	93
71) Bromoform	12.215	173	63761	53.196	ug/l #	99
73) Isopropylbenzene	12.337	105	506541	52.585	ug/l	98
74) N-amyl acetate	12.148	43	99675	47.072	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.587	83	93202	49.779	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	65083m	45.749	ug/l	
77) Bromobenzene	12.611	156	116784	52.846	ug/l	91
78) n-propylbenzene	12.678	91	589573	51.889	ug/l	96
79) 2-Chlorotoluene	12.764	91	329790	52.322	ug/l	94
80) 1,3,5-Trimethylbenzene	12.819	105	410746	52.050	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.386	75	31741	49.781	ug/l #	79
82) 4-Chlorotoluene	12.861	91	336596	52.045	ug/l	95
83) tert-Butylbenzene	13.081	119	371537	52.845	ug/l	92
84) 1,2,4-Trimethylbenzene	13.123	105	401152	52.201	ug/l	97
85) sec-Butylbenzene	13.258	105	547279	52.737	ug/l	99
86) p-Isopropyltoluene	13.373	119	452467	52.390	ug/l	97
87) 1,3-Dichlorobenzene	13.373	146	232253	53.010	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	228945	52.397	ug/l	98
89) n-Butylbenzene	13.703	91	408200	51.371	ug/l	97
90) Hexachloroethane	13.965	117	87516	52.299	ug/l	84
91) 1,2-Dichlorobenzene	13.745	146	202413	52.473	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	13107	43.860	ug/l	70
93) 1,2,4-Trichlorobenzene	15.013	180	112717	48.788	ug/l	98
94) Hexachlorobutadiene	15.117	225	61458	50.284	ug/l	98
95) Naphthalene	15.245	128	240498	47.094	ug/l	98
96) 1,2,3-Trichlorobenzene	15.434	180	97465	48.756	ug/l	99

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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

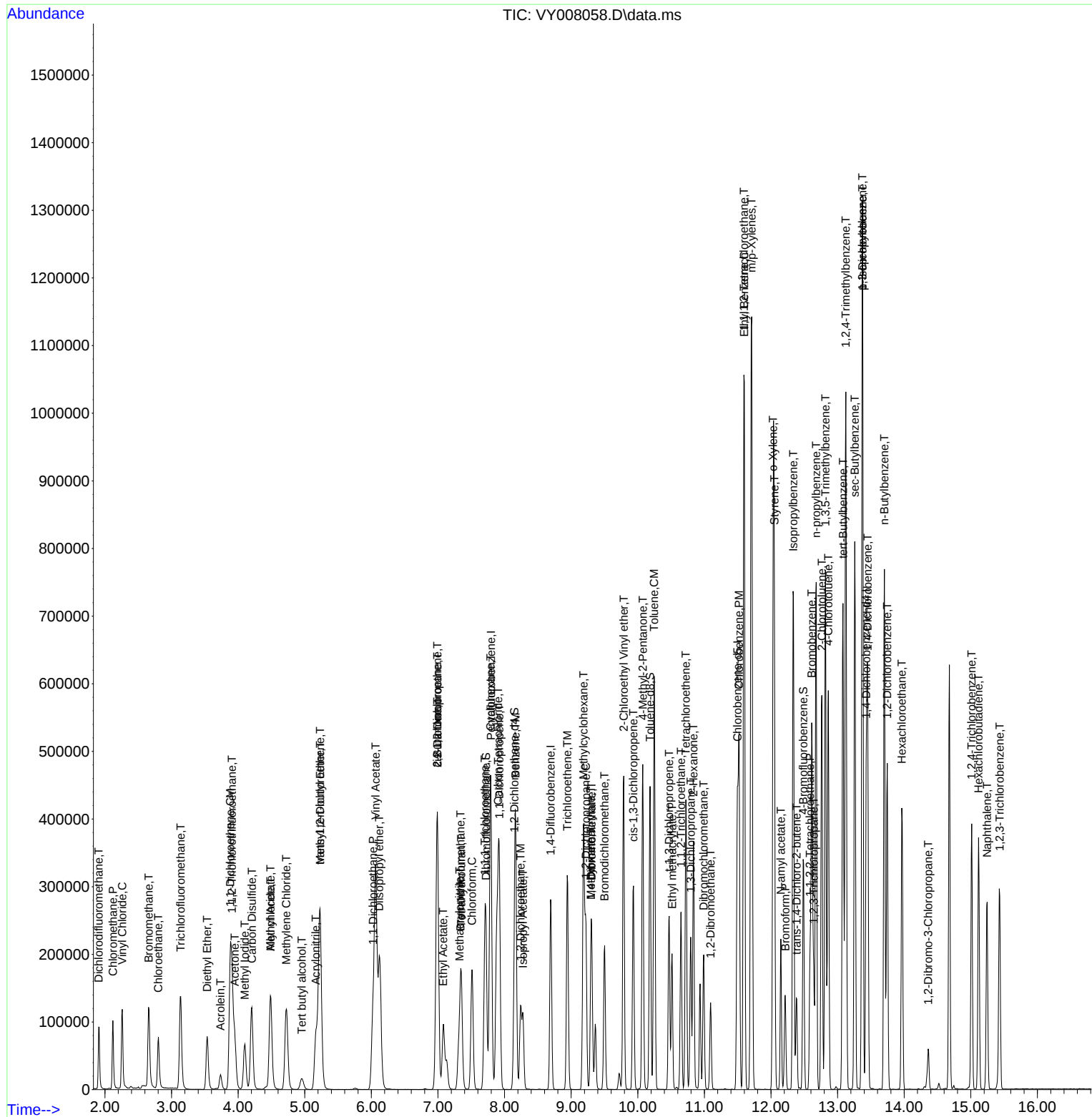
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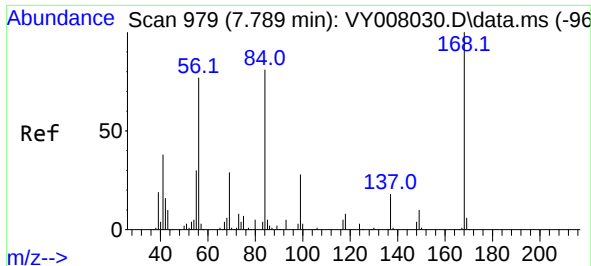
Instrument :
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Manual Integrations APPROVED

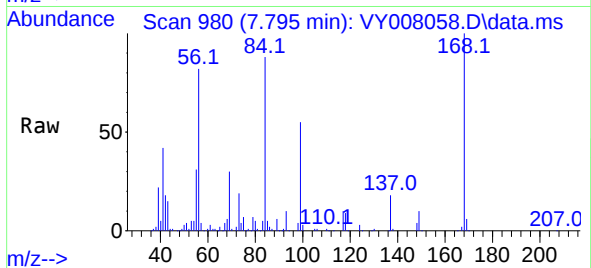
Reviewed By : John Carlone 03/29/2022
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008058.D
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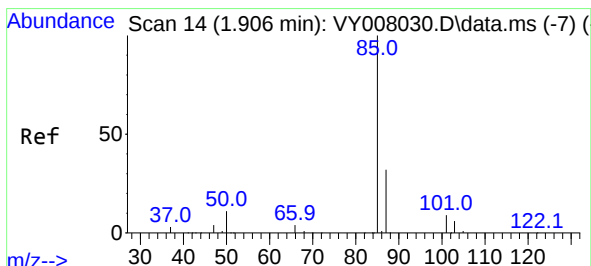
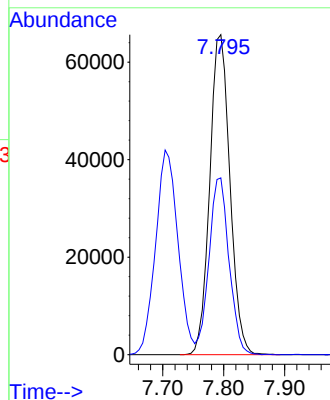
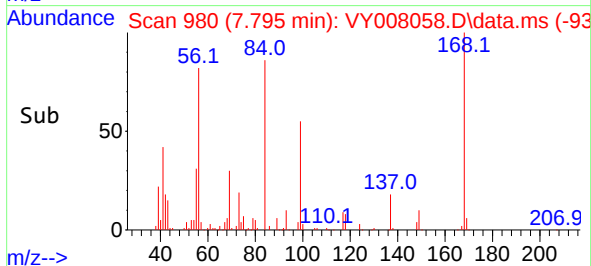
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



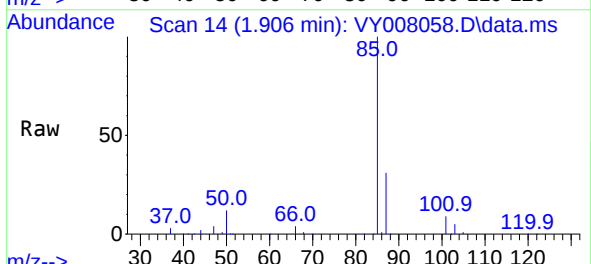
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Ion Ratio Lower Upper
168 100
99 55.3 46.9 70.3

Manual Integrations
APPROVED

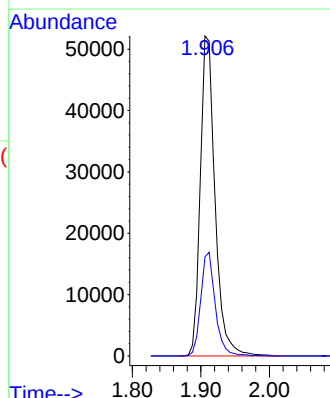
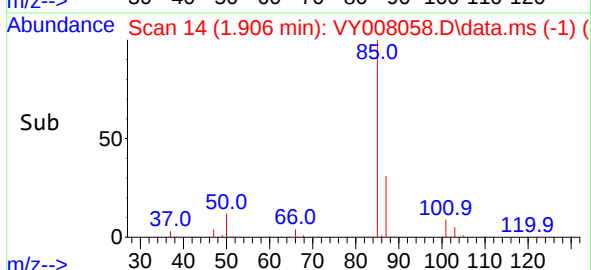
Reviewed By :John Carlone 03/29/2022
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#2
Dichlorodifluoromethane
Concen: 57.448 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02



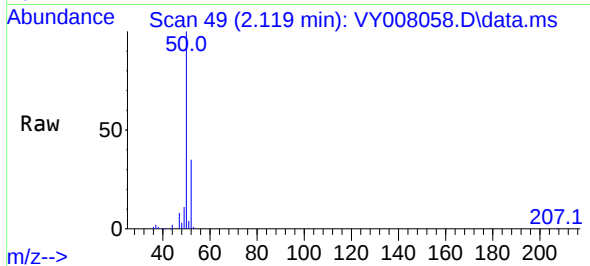
Tgt Ion: 85 Resp: 78307
Ion Ratio Lower Upper
85 100
87 30.9 16.1 48.2





#3
Chloromethane
Concen: 52.586 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

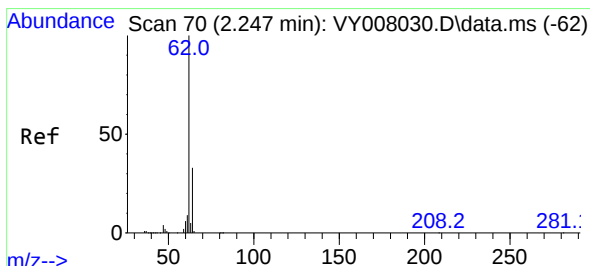
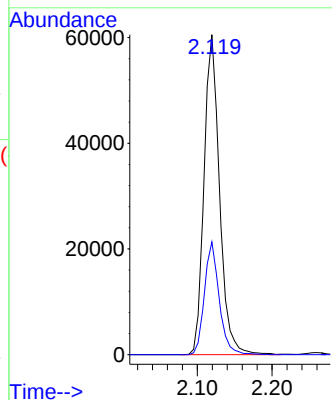
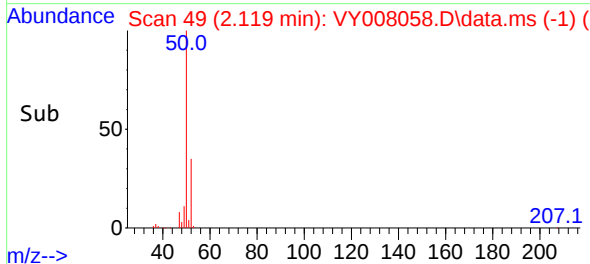
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 87280
Ion Ratio Lower Upper
50 100
52 35.2 24.6 37.0

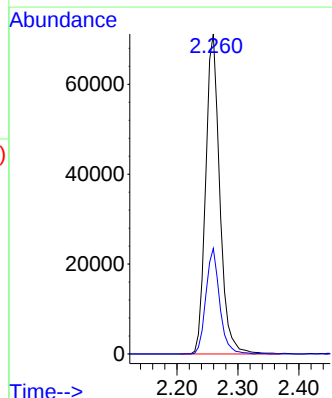
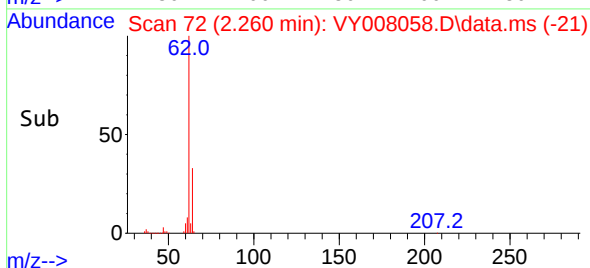
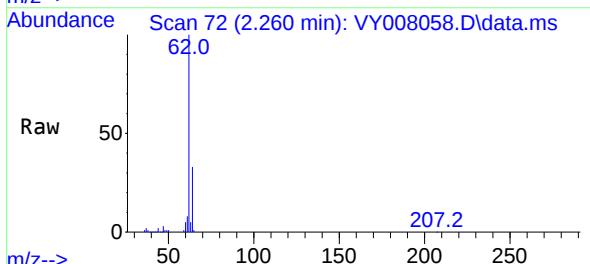
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#4
Vinyl Chloride
Concen: 51.972 ug/l
RT: 2.260 min Scan# 72
Delta R.T. 0.013 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

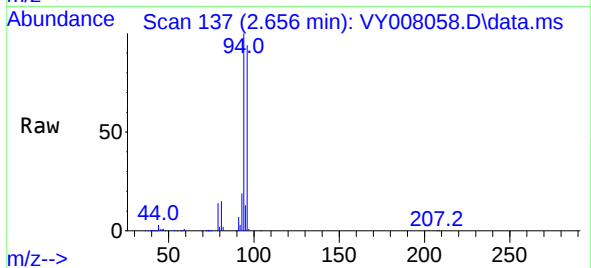
Tgt Ion: 62 Resp: 114780
Ion Ratio Lower Upper
62 100
64 33.0 25.0 37.6





#5
Bromomethane
Concen: 48.501 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

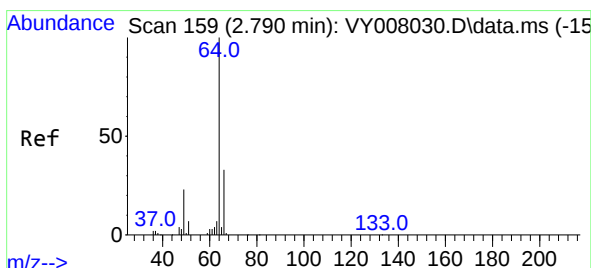
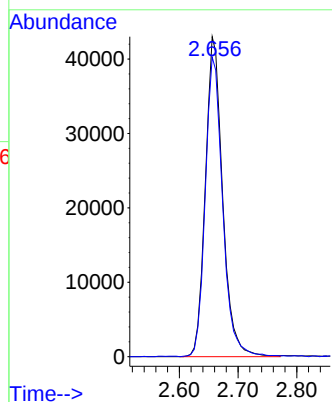
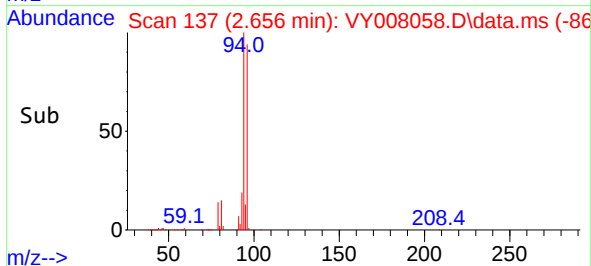
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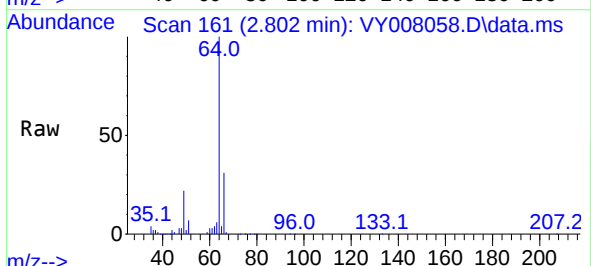
Tgt Ion: 94 Resp: 8778
Ion Ratio Lower Upper
94 100
96 93.6 73.5 110.3

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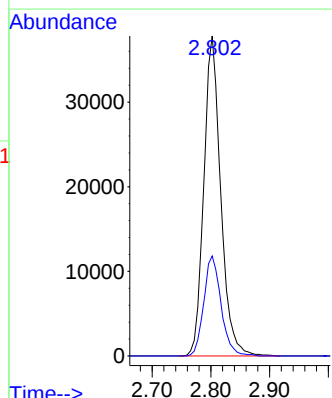
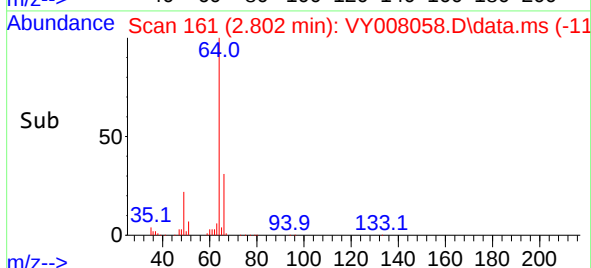
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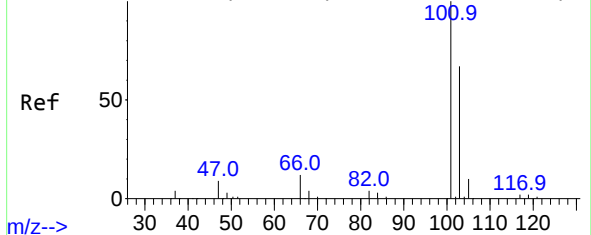
#6
Chloroethane
Concen: 51.977 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.012 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02



Tgt Ion: 64 Resp: 75510
Ion Ratio Lower Upper
64 100
66 31.2 25.4 38.0



Abundance Scan 214 (3.125 min): VY008030.D\data.ms (-20



#7

Trichlorofluoromethane

Concen: 53.248 ug/l

RT: 3.137 min Scan# 214

Delta R.T. 0.012 min

Lab File: VY008058.D

Acq: 28 Mar 2022 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:101 Resp: 14875

Ion Ratio Lower Upper

101 100

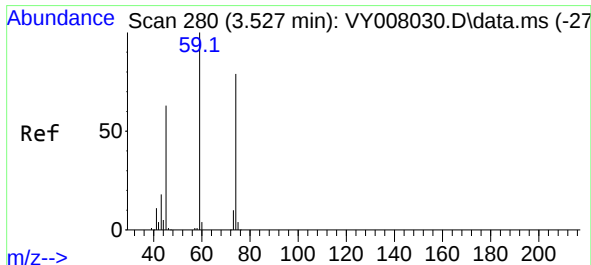
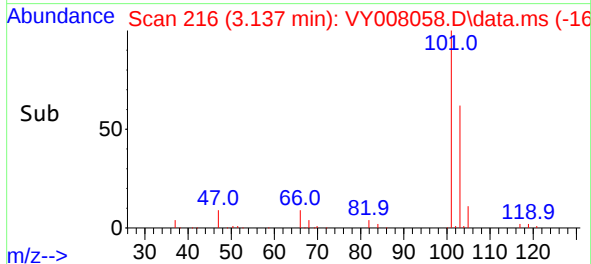
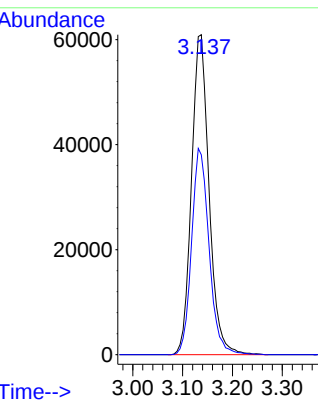
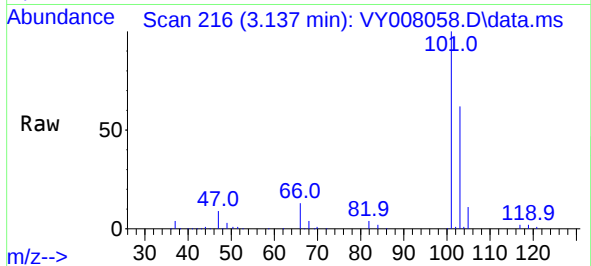
103 62.4 48.0 72.0

Manual Integrations

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#8

Diethyl Ether

Concen: 54.206 ug/l

RT: 3.534 min Scan# 281

Delta R.T. 0.007 min

Lab File: VY008058.D

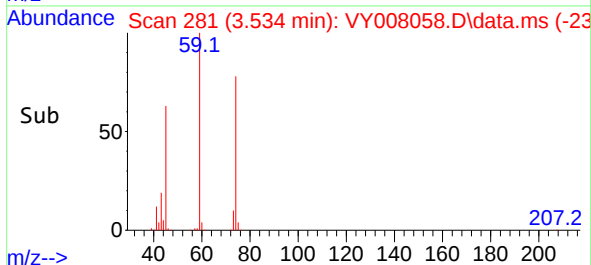
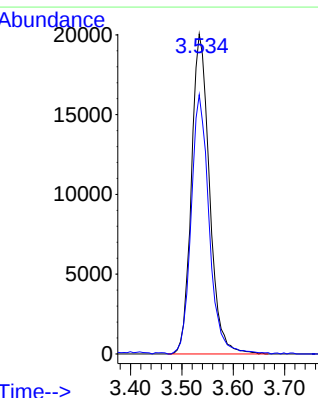
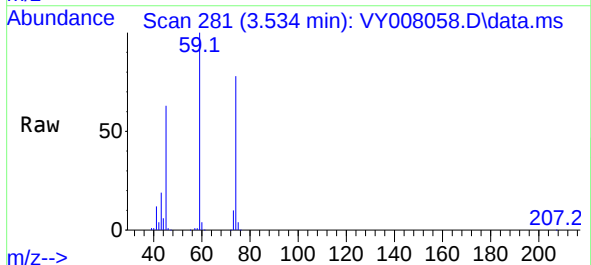
Acq: 28 Mar 2022 11:02

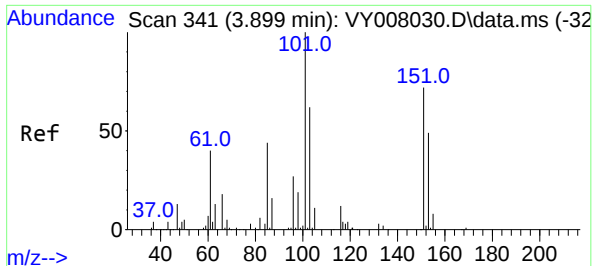
Tgt Ion: 74 Resp: 49041

Ion Ratio Lower Upper

74 100

45 80.6 55.1 165.5





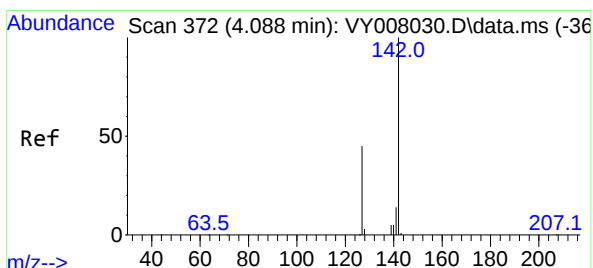
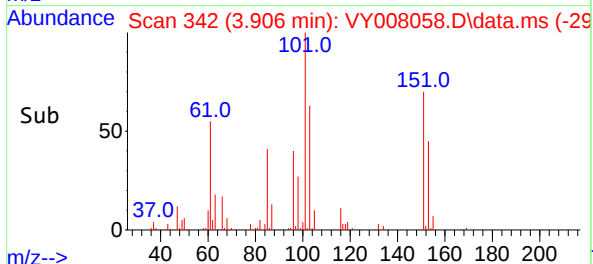
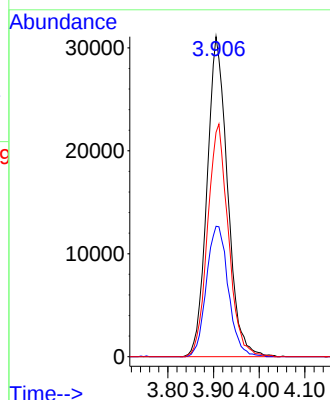
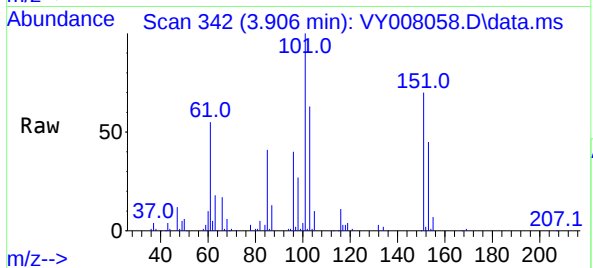
#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.003 ug/l
RT: 3.906 min Scan# 341
Delta R.T. 0.007 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 9705
Ion Ratio Lower Upper
101 100
85 43.5 40.6 60.8
151 73.5 64.9 97.3

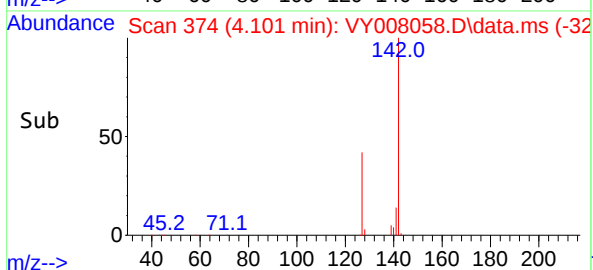
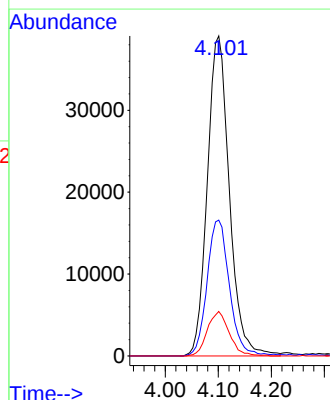
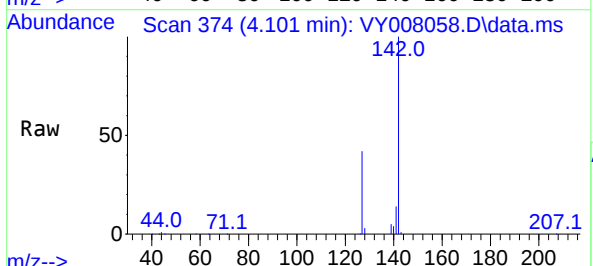
Manual Integrations
APPROVED

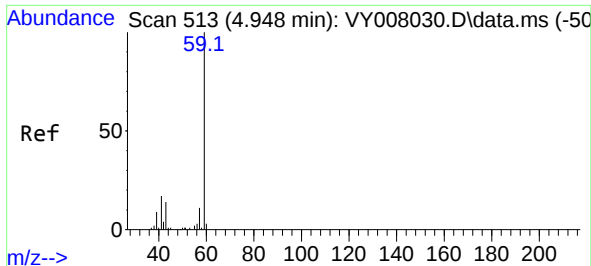
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#10
Methyl Iodide
Concen: 55.572 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.013 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

Tgt Ion:142 Resp: 112883
Ion Ratio Lower Upper
142 100
127 43.2 41.5 62.3
141 13.9 11.9 17.9





#11

Tert butyl alcohol

Concen: 223.097 ug/l

RT: 4.954 min Scan# 513

Delta R.T. 0.006 min

Lab File: VY008058.D

Acq: 28 Mar 2022 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 35110

Ion Ratio Lower Upper

59 100

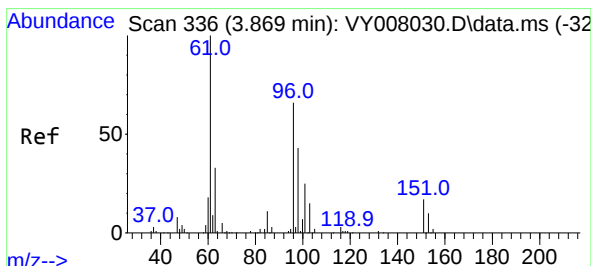
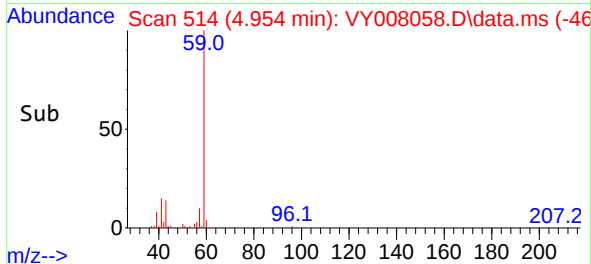
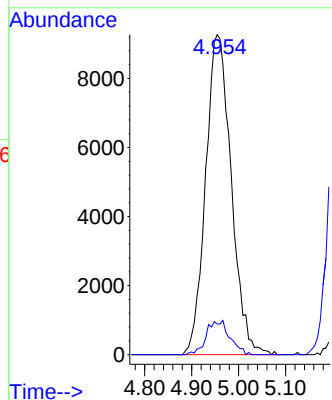
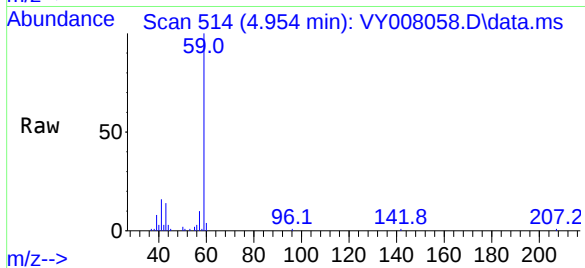
57 9.7 6.4 9.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2022

Supervised By :Mahesh Dadoda 03/29/2022



#12

1,1-Dichloroethene

Concen: 55.114 ug/l

RT: 3.881 min Scan# 338

Delta R.T. 0.012 min

Lab File: VY008058.D

Acq: 28 Mar 2022 11:02

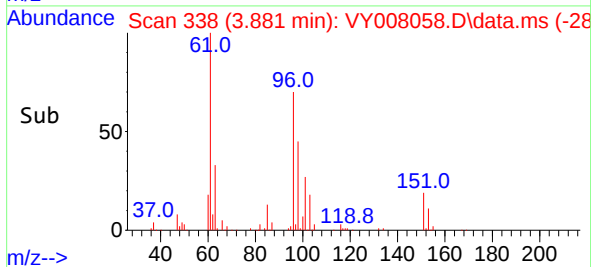
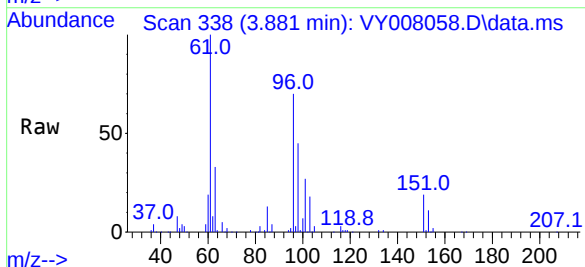
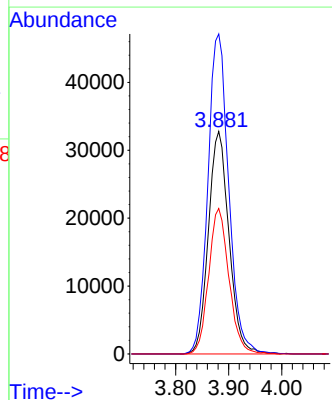
Tgt Ion: 96 Resp: 88420

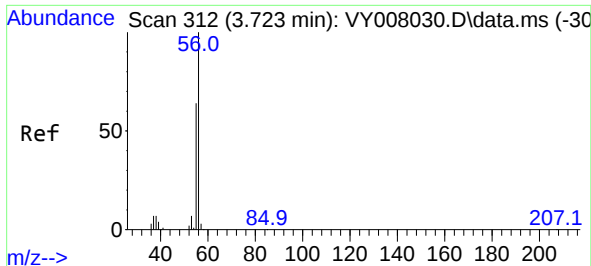
Ion Ratio Lower Upper

96 100

61 143.8 145.8 218.6#

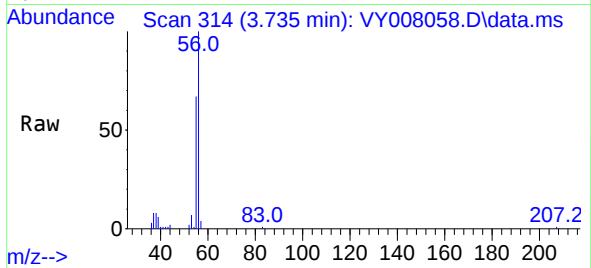
98 65.4 52.5 78.7





#13
Acrolein
Concen: 208.835 ug/l
RT: 3.735 min Scan# 312
Delta R.T. 0.012 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

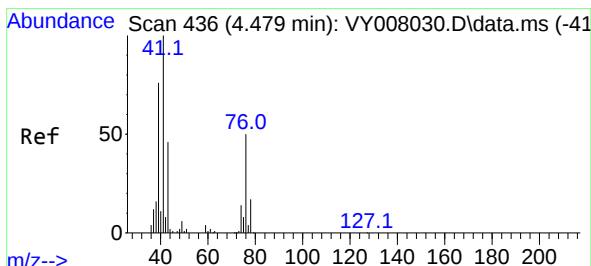
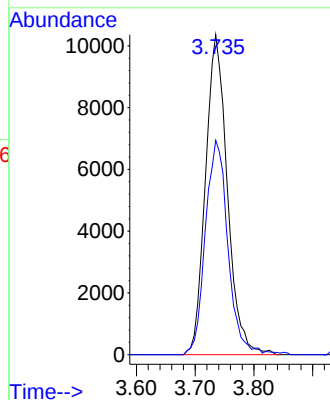
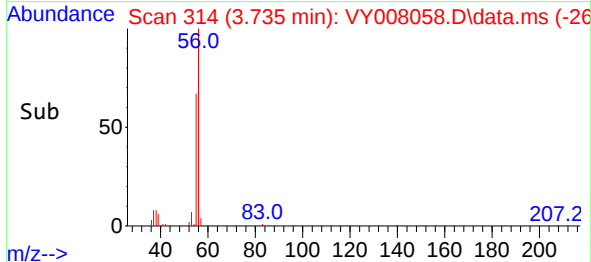
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



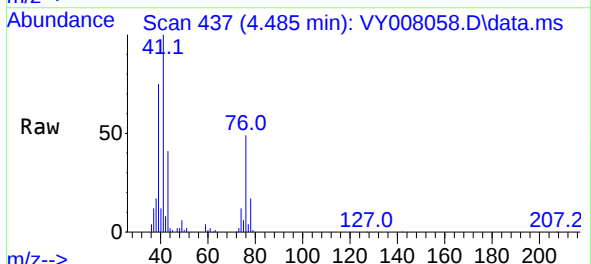
Tgt Ion: 56 Resp: 2675
Ion Ratio Lower Upper
56 100
55 69.4 57.6 86.4

Manual Integrations
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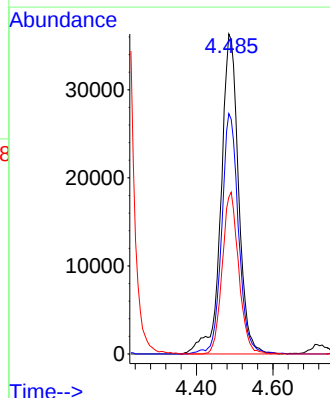
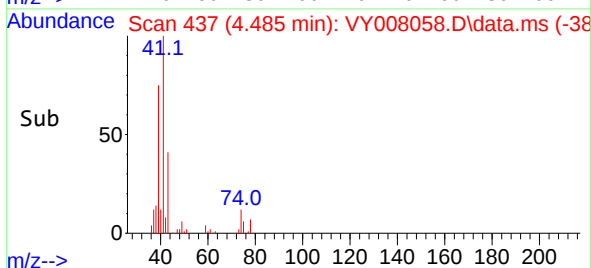
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

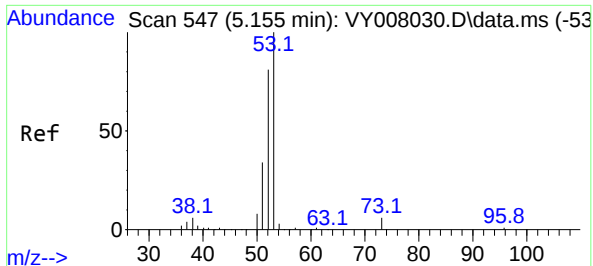


#14
Allyl chloride
Concen: 54.935 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02



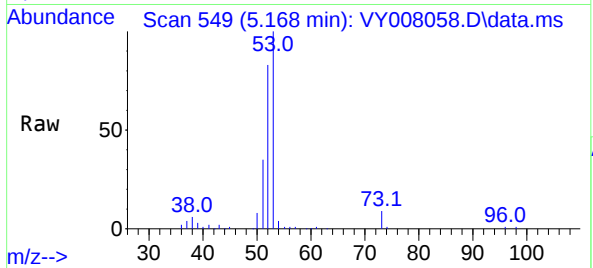
Tgt Ion: 41 Resp: 115957
Ion Ratio Lower Upper
41 100
39 72.0 58.8 88.2
76 47.2 25.1 37.7#





#15
Acrylonitrile
Concen: 254.475 ug/l
RT: 5.168 min Scan# 547
Delta R.T. 0.013 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

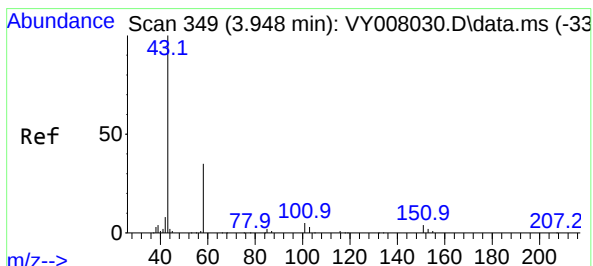
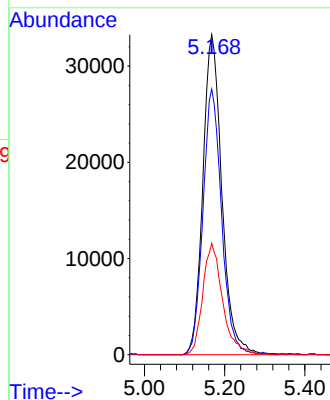
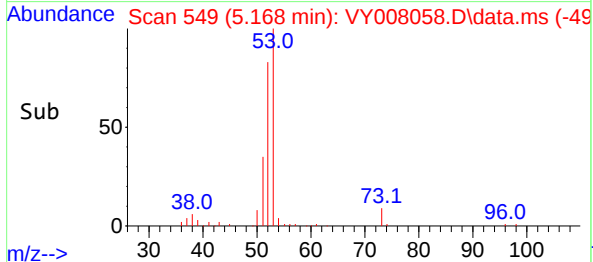
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



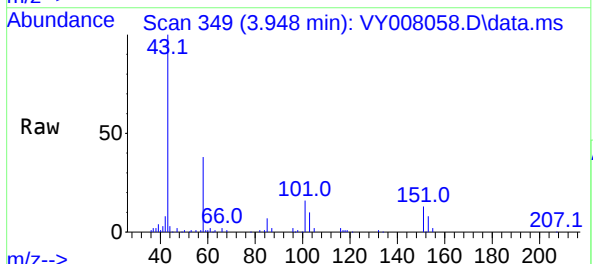
Tgt Ion: 53 Resp: 109663
Ion Ratio Lower Upper
53 100
52 81.4 67.0 100.4
51 36.1 29.8 44.6

Manual Integrations
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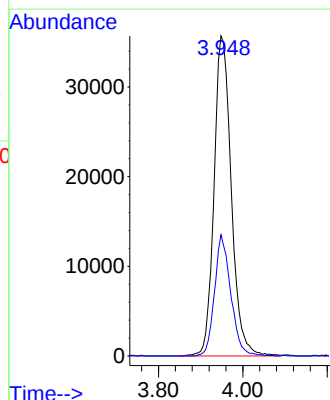
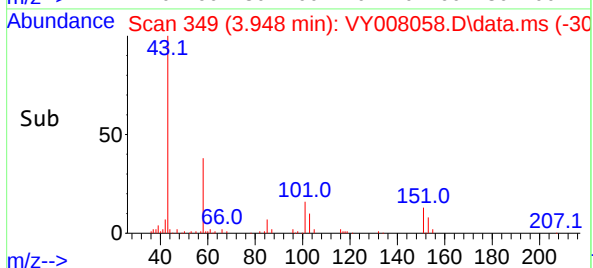
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

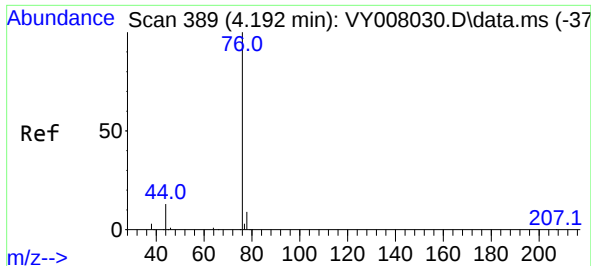


#16
Acetone
Concen: 292.403 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02



Tgt Ion: 43 Resp: 101394
Ion Ratio Lower Upper
43 100
58 37.8 22.0 33.0#





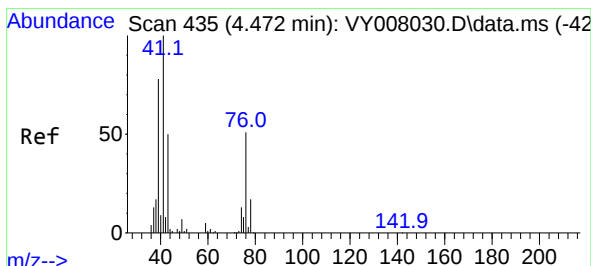
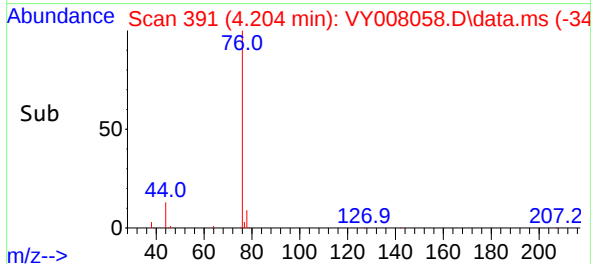
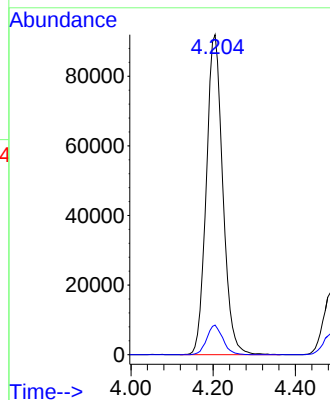
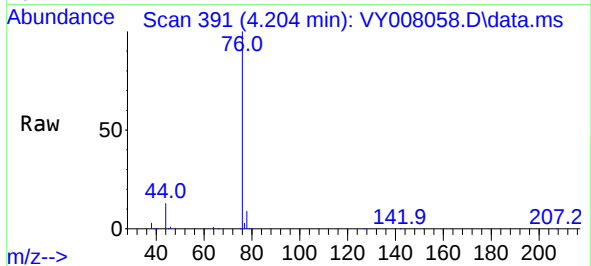
#17
Carbon Disulfide
Concen: 56.253 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 25572
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

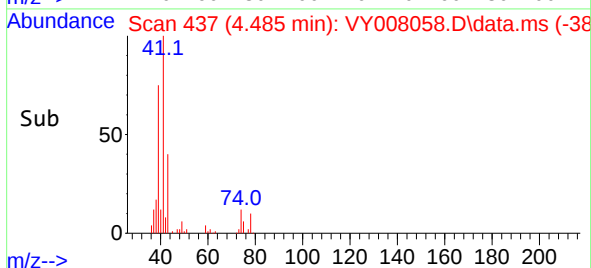
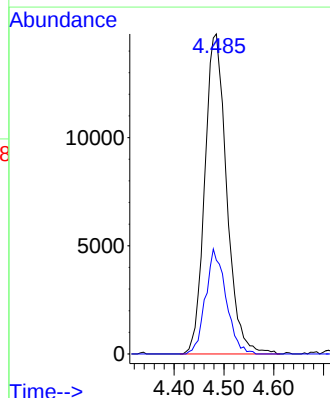
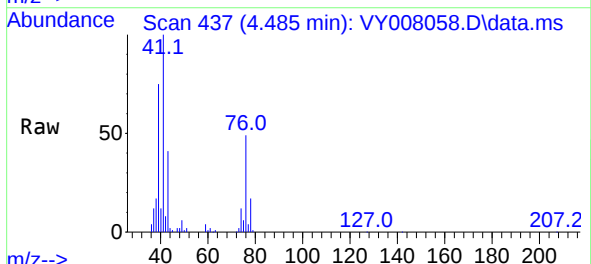
Manual Integrations
APPROVED

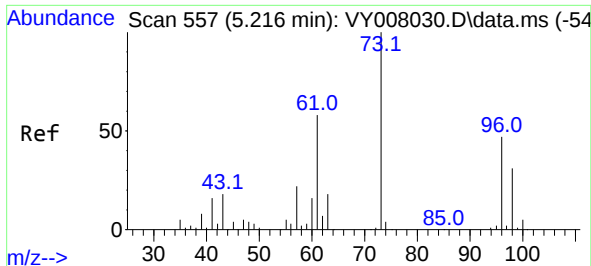
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#18
Methyl Acetate
Concen: 49.328 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.013 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

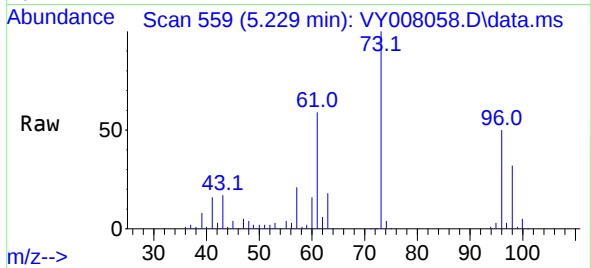
Tgt Ion: 43 Resp: 45019
Ion Ratio Lower Upper
43 100
74 30.7 16.6 24.8





#19
Methyl tert-butyl Ether
Concen: 53.415 ug/l
RT: 5.229 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

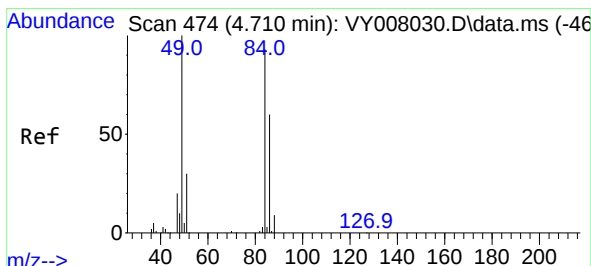
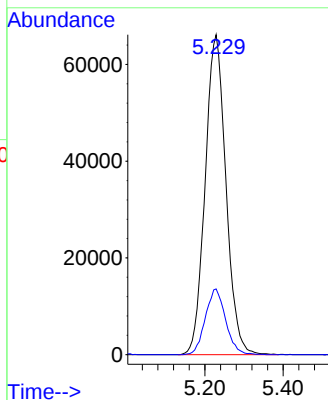
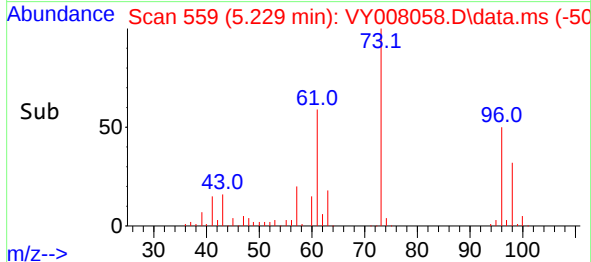
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 24353
Ion Ratio Lower Upper
73 100
57 20.5 18.6 27.8

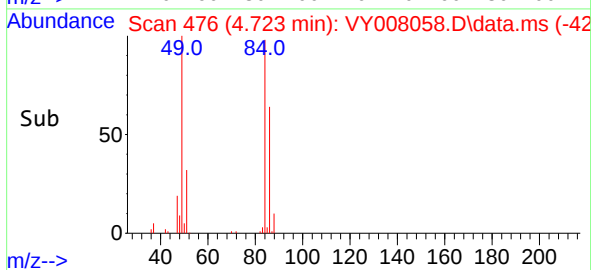
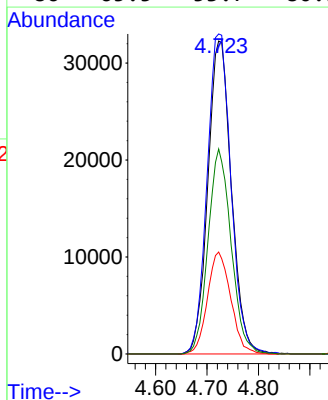
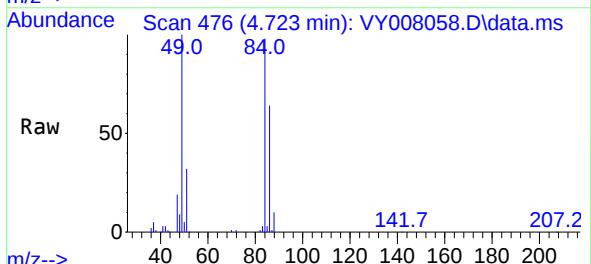
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#20
Methylene Chloride
Concen: 59.028 ug/l
RT: 4.723 min Scan# 476
Delta R.T. 0.013 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

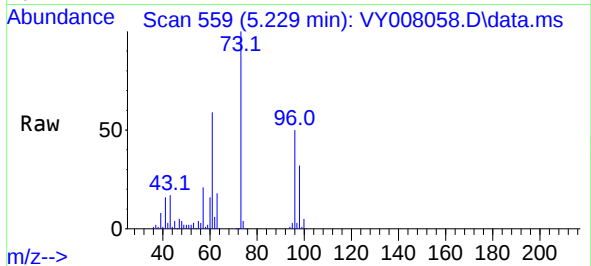
Tgt Ion: 84 Resp: 102641
Ion Ratio Lower Upper
84 100
49 102.3 114.4 171.6#
51 32.6 35.3 52.9#
86 65.5 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 55.156 ug/l
RT: 5.229 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

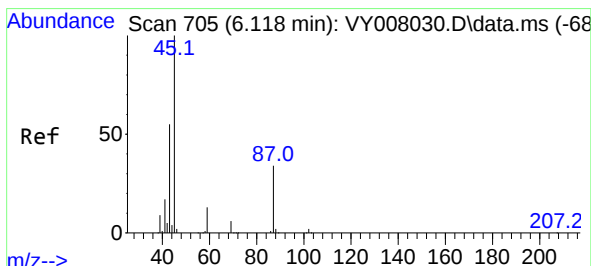
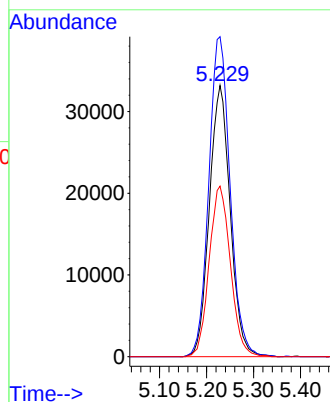
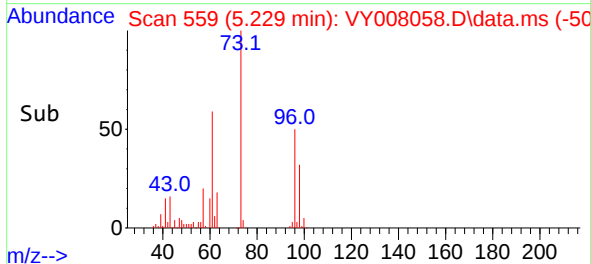
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



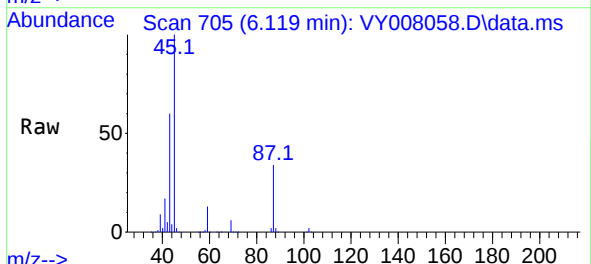
Tgt Ion: 96 Resp: 102460
Ion Ratio Lower Upper
96 100
61 118.0 120.5 180.7
98 62.9 49.8 74.8

Manual Integrations
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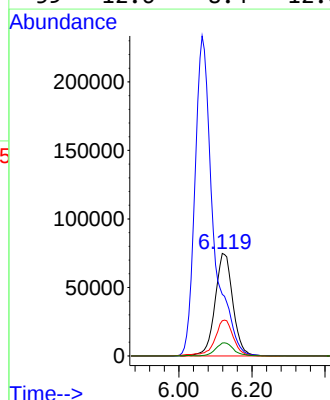
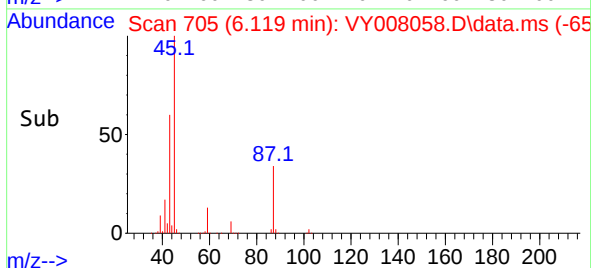
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

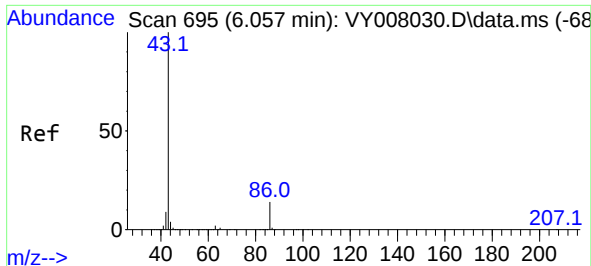


#22
Diisopropyl ether
Concen: 55.739 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.001 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02



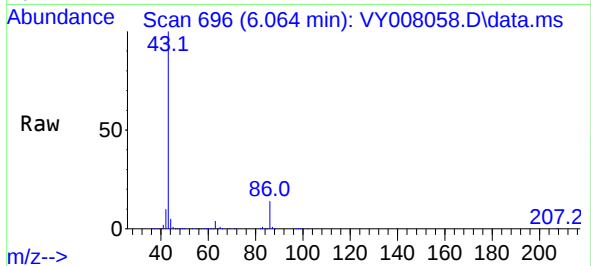
Tgt Ion: 45 Resp: 253125
Ion Ratio Lower Upper
45 100
43 59.8 49.3 73.9
87 34.4 19.2 28.8
59 12.6 8.4 12.6





#23
 Vinyl Acetate
 Concen: 286.430 ug/l
 RT: 6.064 min Scan# 695
 Delta R.T. 0.007 min
 Lab File: VY008058.D
 Acq: 28 Mar 2022 11:02

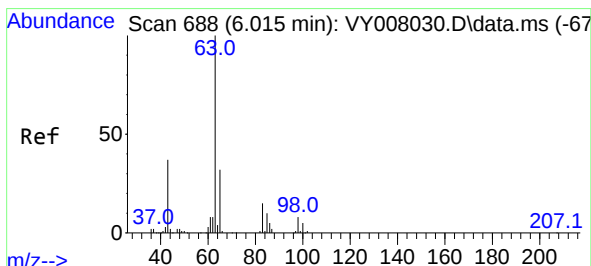
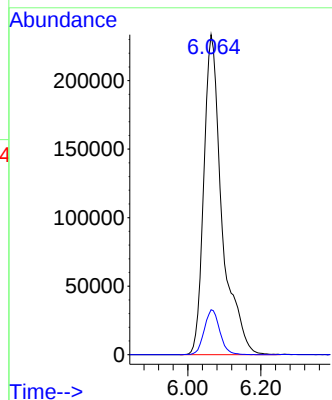
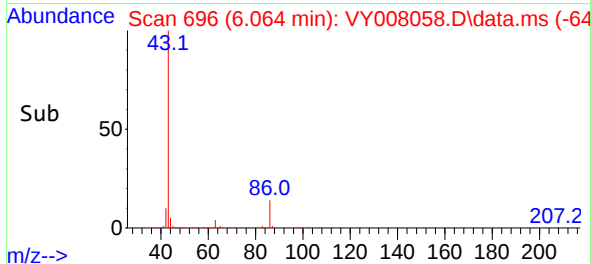
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 80598
 Ion Ratio Lower Upper
 43 100
 86 14.1 7.1 10.7

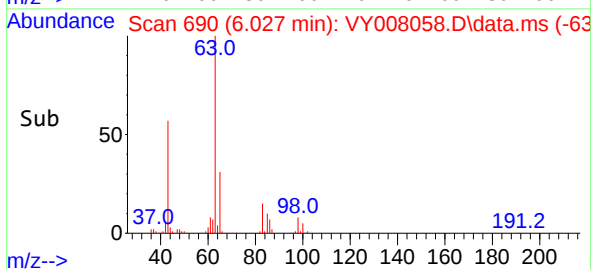
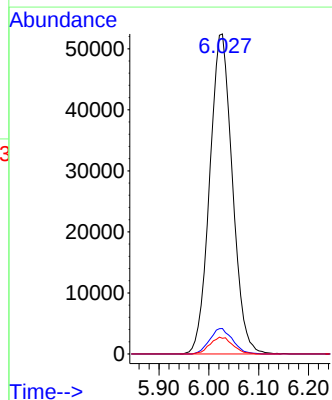
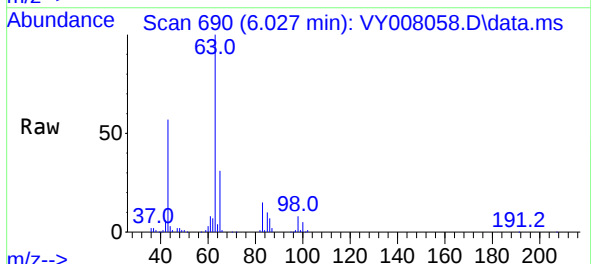
Manual Integrations
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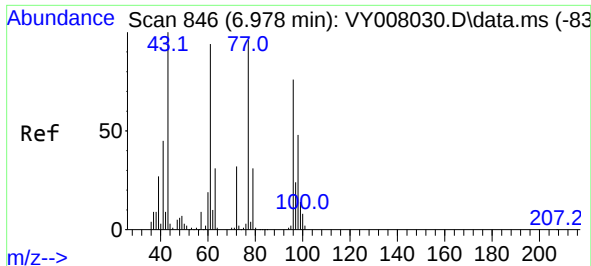
Reviewed By :John Carlone 03/29/2022
 Supervised By :Mahesh Dadoda 03/29/2022



#24
 1,1-Dichloroethane
 Concen: 55.137 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.012 min
 Lab File: VY008058.D
 Acq: 28 Mar 2022 11:02

Tgt Ion: 63 Resp: 165766
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.6 10.8
 100 4.9 2.0 5.8





#25

2-Butanone

Concen: 257.807 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.012 min

Lab File: VY008058.D

Acq: 28 Mar 2022 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 13604

Ion Ratio Lower Upper

43 100

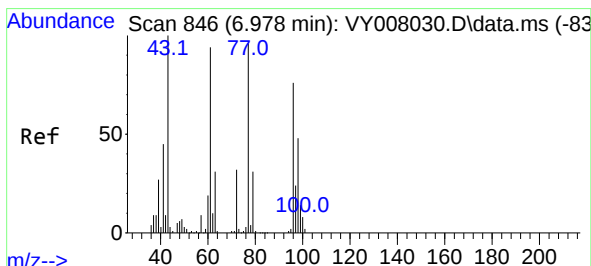
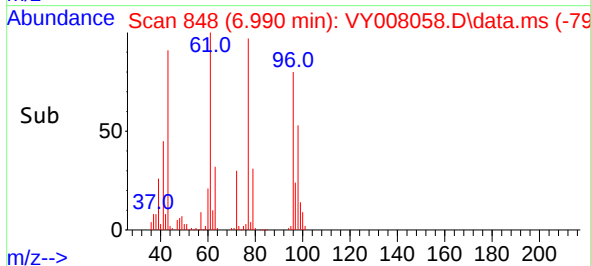
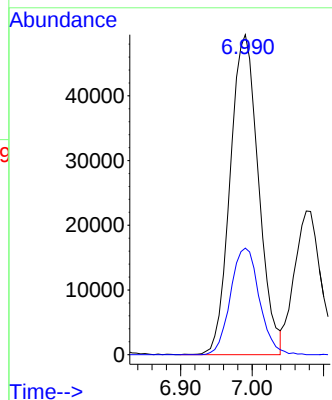
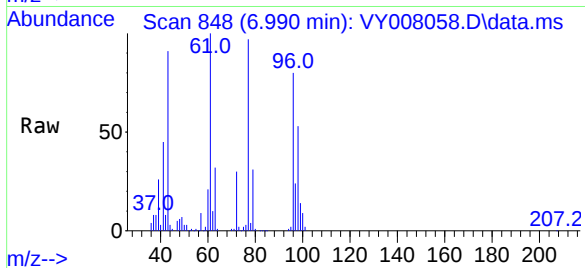
72 33.3 17.7 26.5

Manual Integrations

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Reviewed By :John Carlone 03/29/2022

Supervised By :Mahesh Dadoda 03/29/2022



#26

2,2-Dichloropropane

Concen: 56.286 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.012 min

Lab File: VY008058.D

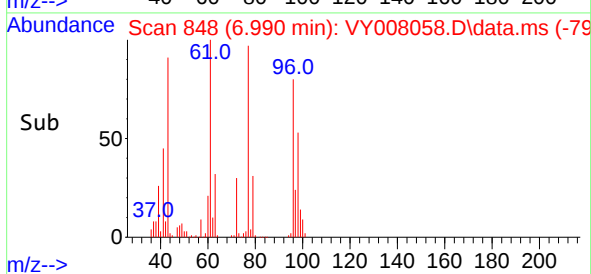
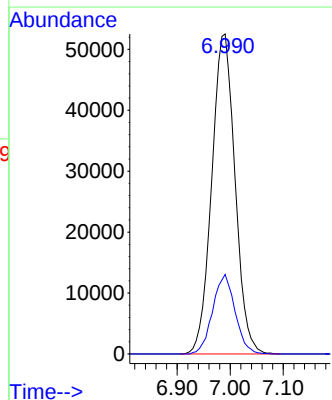
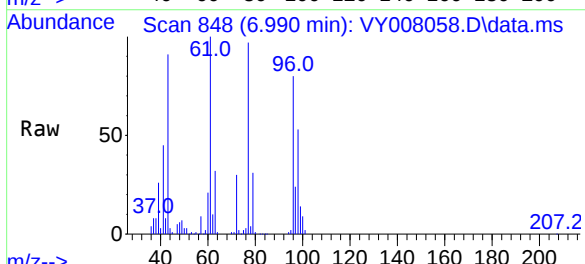
Acq: 28 Mar 2022 11:02

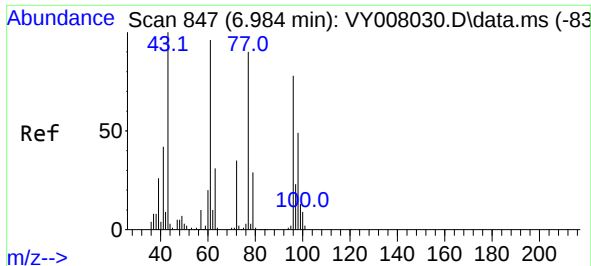
Tgt Ion: 77 Resp: 160257

Ion Ratio Lower Upper

77 100

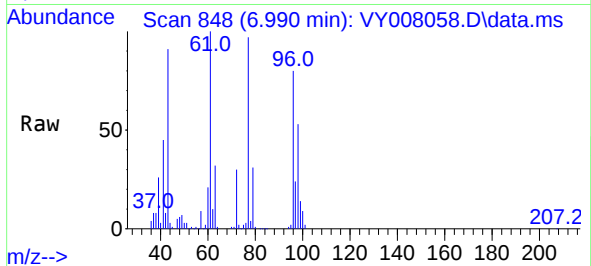
97 23.9 10.4 31.4





#27
cis-1,2-Dichloroethene
Concen: 54.946 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

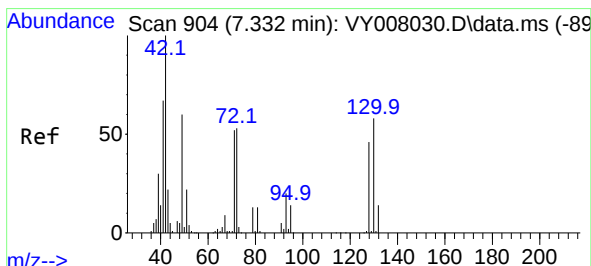
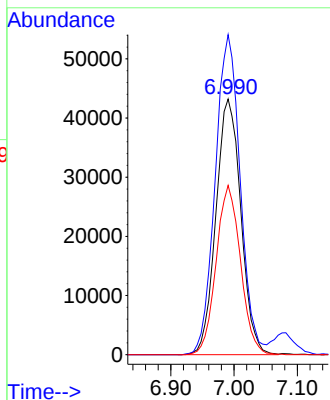
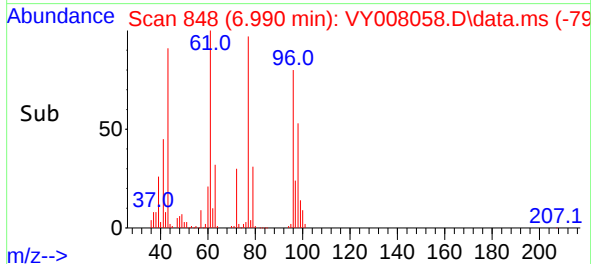
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 118310
Ion Ratio Lower Upper
96 100
61 125.8 0.0 319.8
98 64.6 0.0 127.0

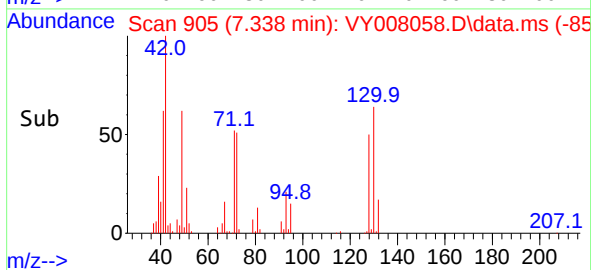
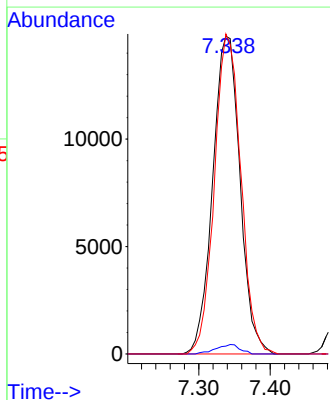
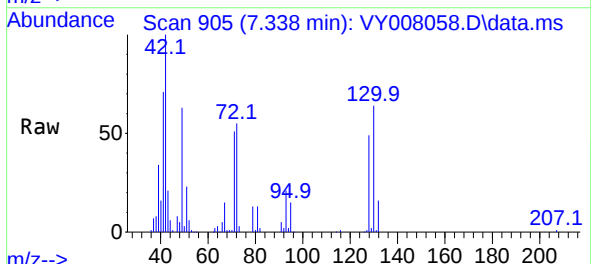
Manual Integrations
APPROVED

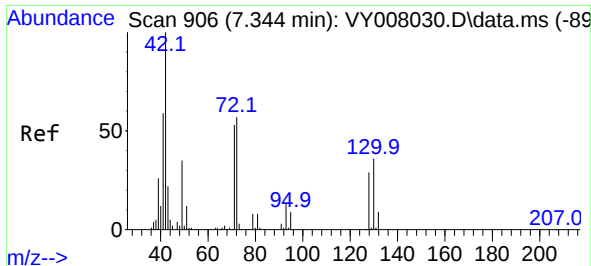
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#28
Bromochloromethane
Concen: 49.278 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.006 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

Tgt Ion: 49 Resp: 39190
Ion Ratio Lower Upper
49 100
129 2.6 0.0 2.2#
130 97.5 55.4 83.0#





#29

Tetrahydrofuran

Concen: 247.635 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY008058.D

Acq: 28 Mar 2022 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

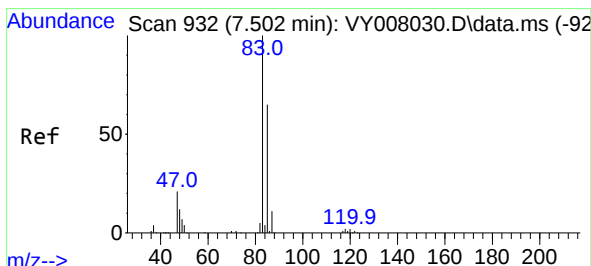
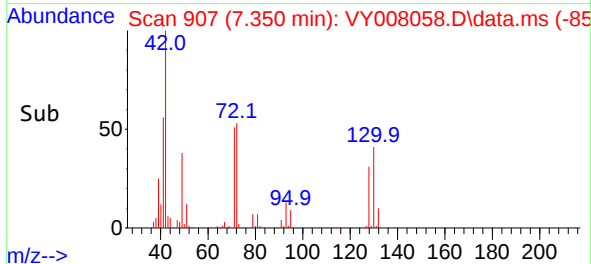
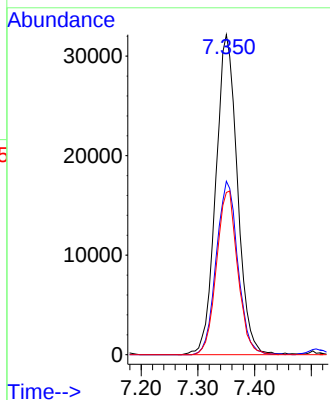
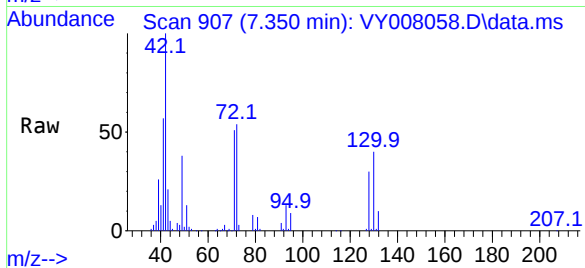
Tgt Ion: 42 Resp: 84950
 Ion Ratio Lower Upper
 42 100
 72 54.1 30.3 45.5
 71 50.2 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2022

Supervised By :Mahesh Dadoda 03/29/2022



#30

Chloroform

Concen: 55.491 ug/l

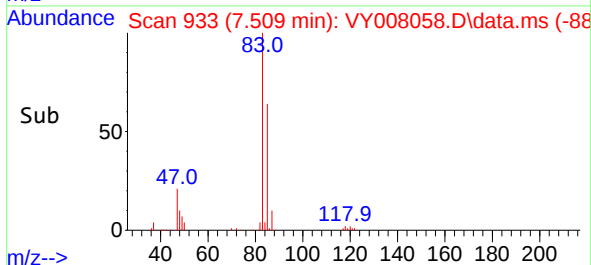
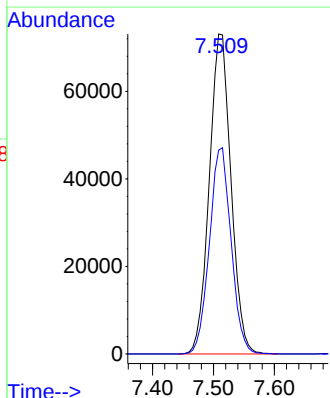
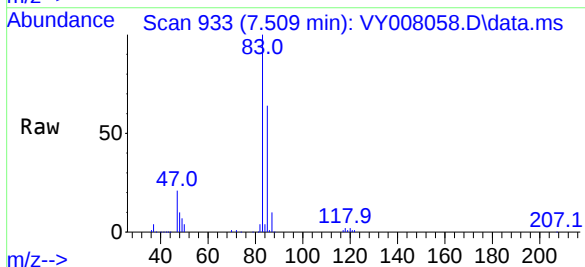
RT: 7.509 min Scan# 933

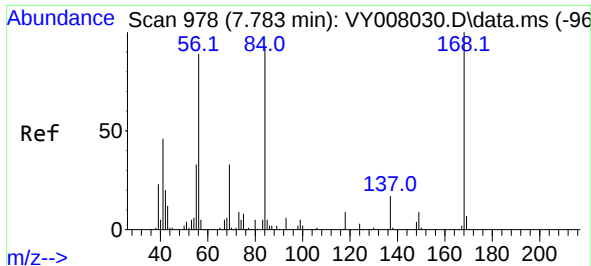
Delta R.T. 0.007 min

Lab File: VY008058.D

Acq: 28 Mar 2022 11:02

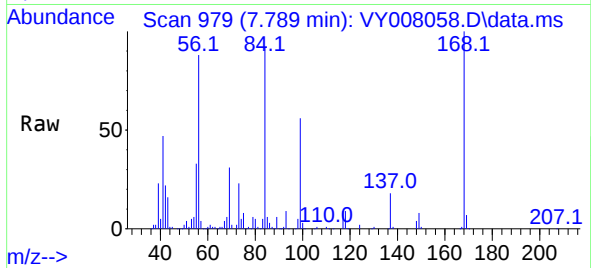
Tgt Ion: 83 Resp: 180645
 Ion Ratio Lower Upper
 83 100
 85 63.7 51.8 77.6





#31
Cyclohexane
Concen: 50.933 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

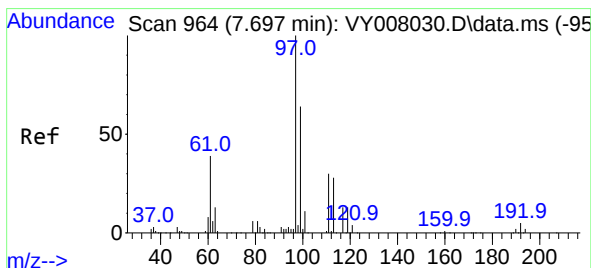
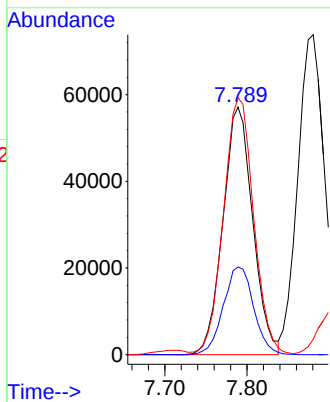
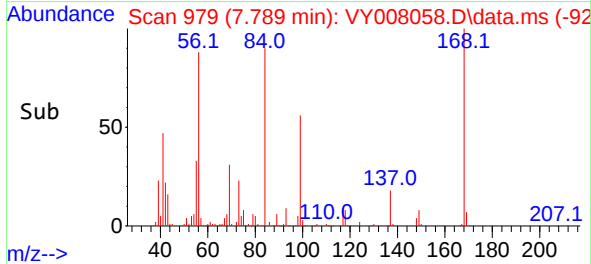
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



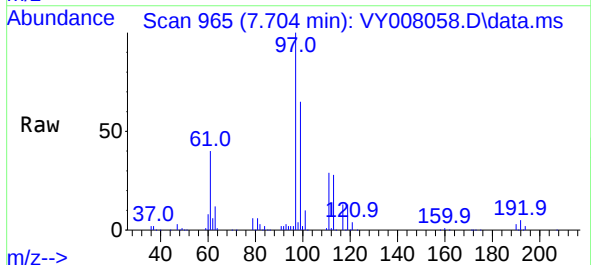
Tgt Ion: 56 Resp: 144434
Ion Ratio Lower Upper
56 100
69 35.4 26.7 40.1
84 102.1 67.2 100.8

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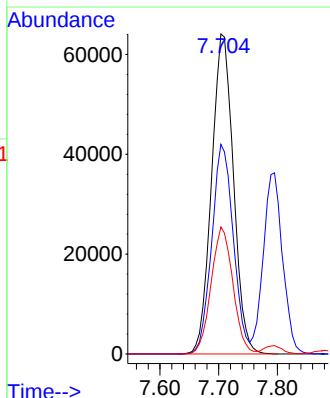
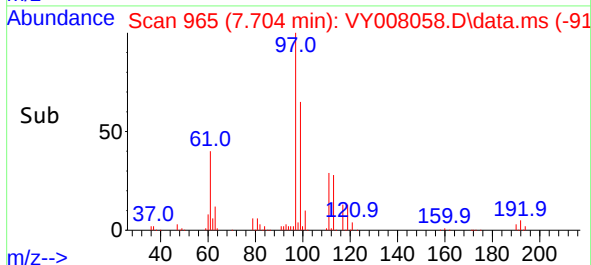
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

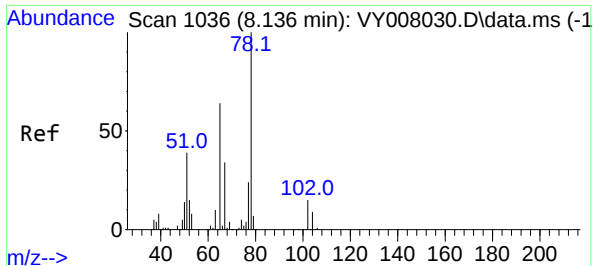


#32
1,1,1-Trichloroethane
Concen: 55.026 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.007 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02



Tgt Ion: 97 Resp: 165512
Ion Ratio Lower Upper
97 100
99 64.8 50.7 76.1
61 39.6 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 51.327 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.013 min

Lab File: VY008058.D

Acq: 28 Mar 2022 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 7786

Ion Ratio Lower Upper

65 100

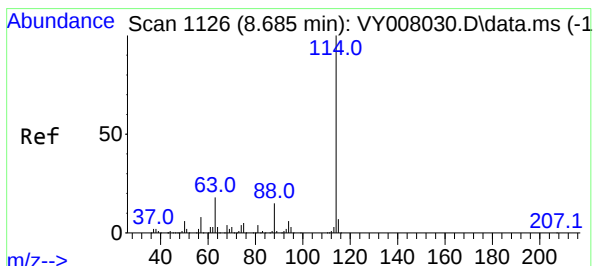
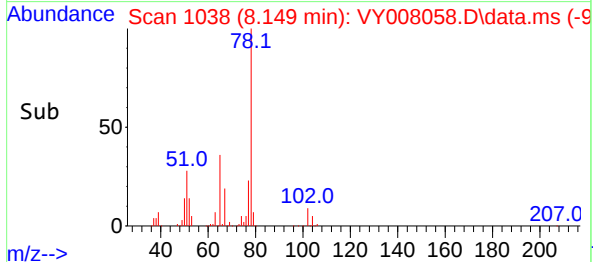
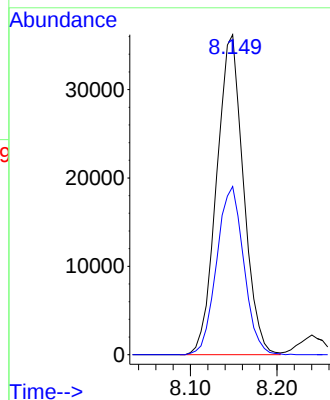
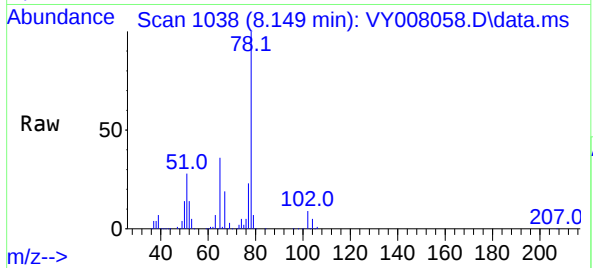
67 53.1 0.0 99.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2022

Supervised By :Mahesh Dadoda 03/29/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008058.D

Acq: 28 Mar 2022 11:02

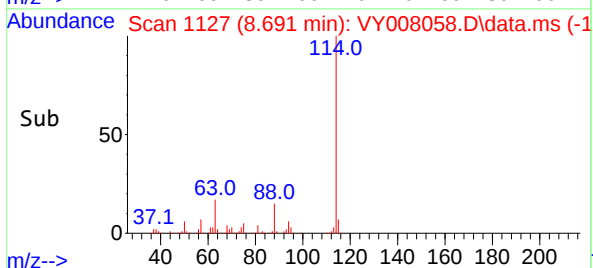
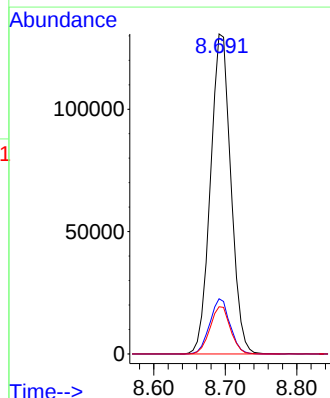
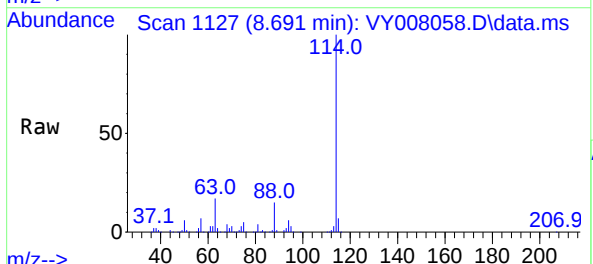
Tgt Ion:114 Resp: 258871

Ion Ratio Lower Upper

114 100

63 17.3 0.0 43.2

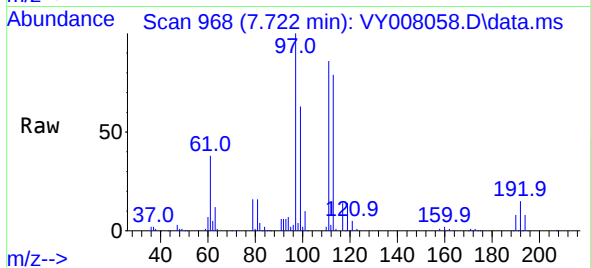
88 14.8 0.0 31.8





#35
Dibromofluoromethane
Concen: 51.499 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

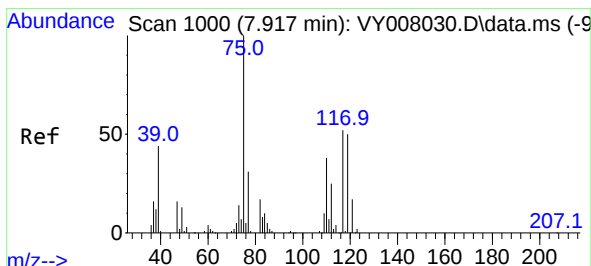
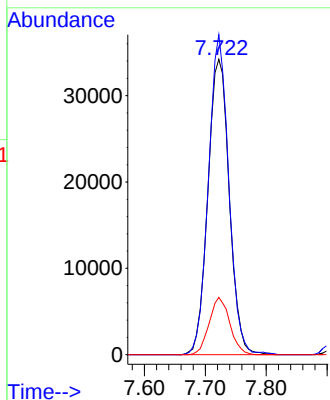
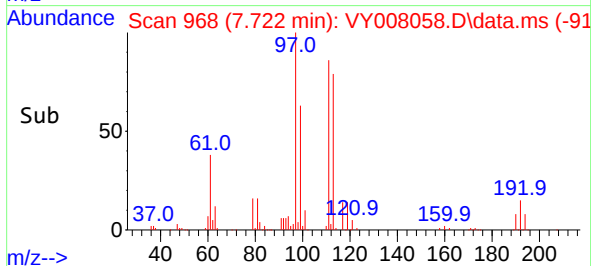
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



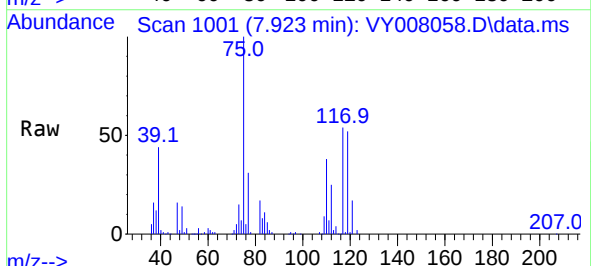
Tgt Ion:113 Resp: 83580
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 18.6 17.6 26.4

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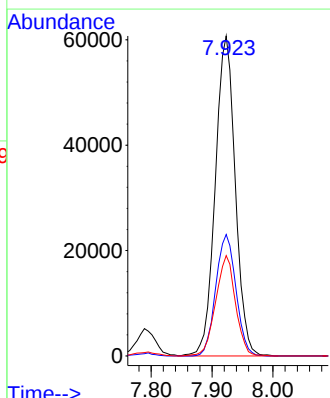
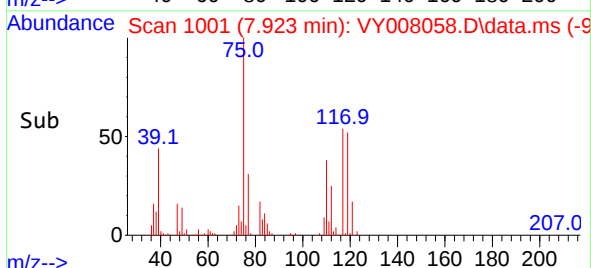
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

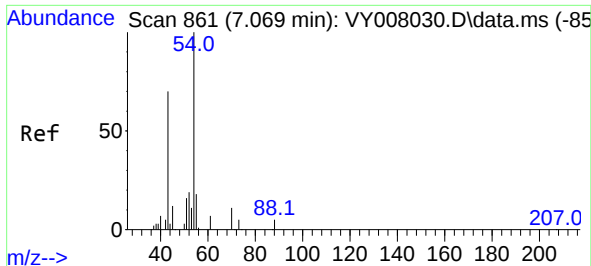


#36
1,1-Dichloropropene
Concen: 54.263 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02



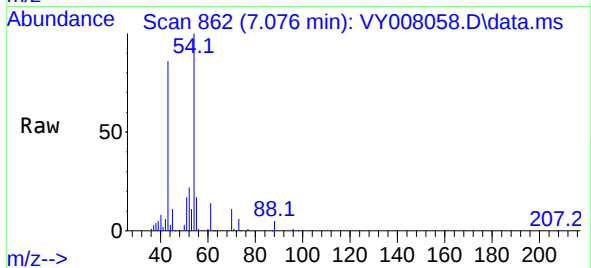
Tgt Ion: 75 Resp: 138343
Ion Ratio Lower Upper
75 100
110 38.3 17.1 51.2
77 31.1 24.4 36.6





#37
Ethyl Acetate
Concen: 49.243 ug/l
RT: 7.076 min Scan# 861
Delta R.T. 0.007 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

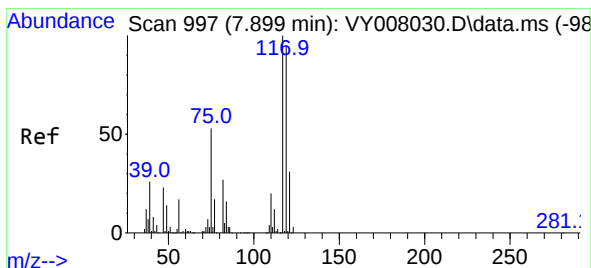
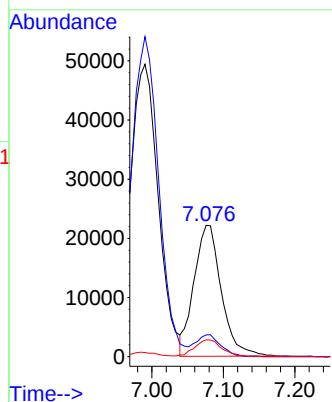
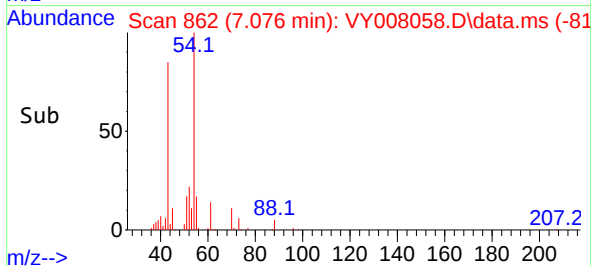
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 58649
Ion Ratio Lower Upper
43 100
61 14.7 9.7 14.5
70 12.9 7.1 10.7

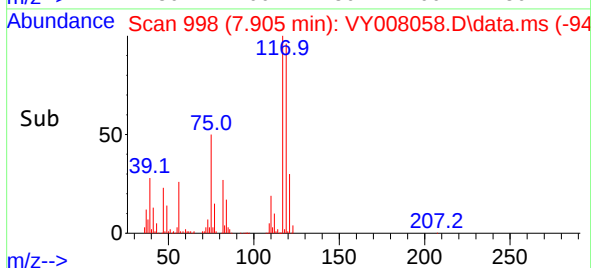
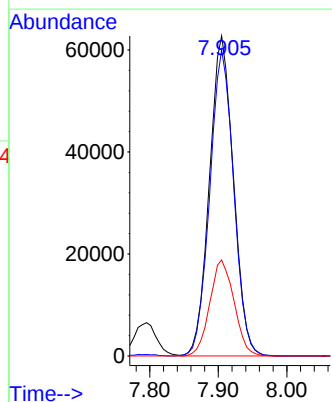
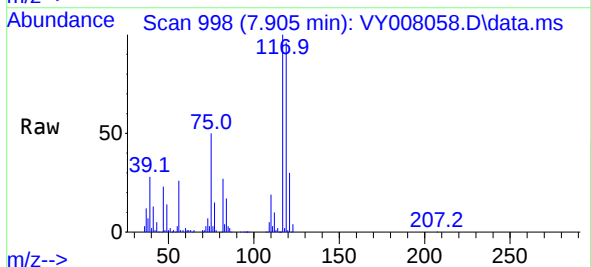
Manual Integrations
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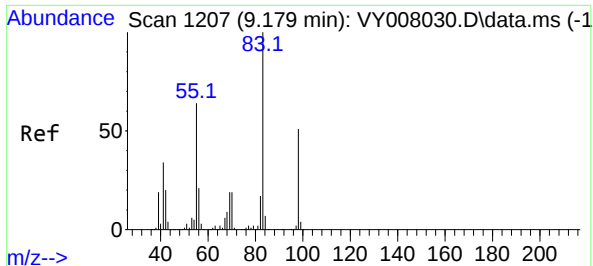
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#38
Carbon Tetrachloride
Concen: 54.868 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.006 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

Tgt Ion:117 Resp: 152445
Ion Ratio Lower Upper
117 100
119 95.6 77.9 116.9
121 30.0 24.8 37.2





#39

Methylcyclohexane

Concen: 52.938 ug/l

RT: 9.185 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY008058.D

Acq: 28 Mar 2022 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 182174

Ion Ratio Lower Upper

83 100

55 64.4 66.5 99.7

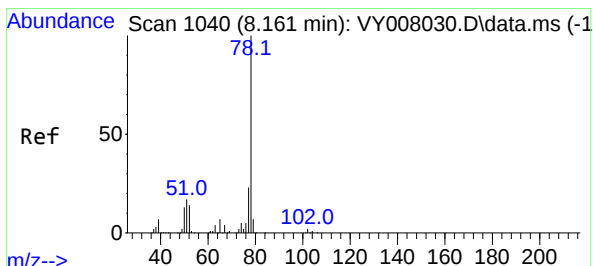
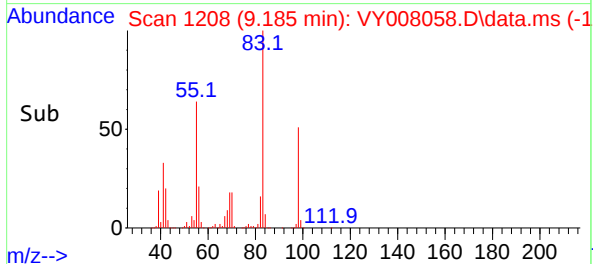
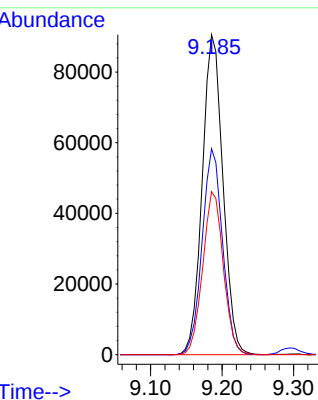
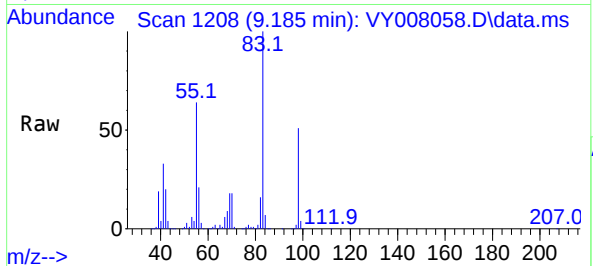
98 51.0 37.9 56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2022

Supervised By :Mahesh Dadoda 03/29/2022



#40

Benzene

Concen: 54.082 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY008058.D

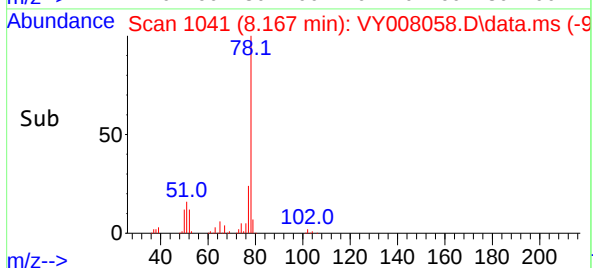
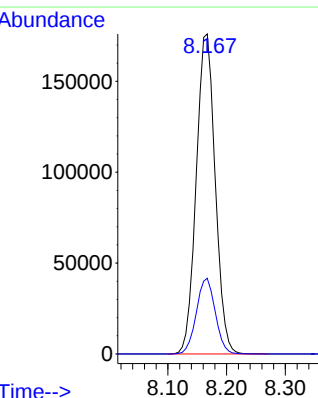
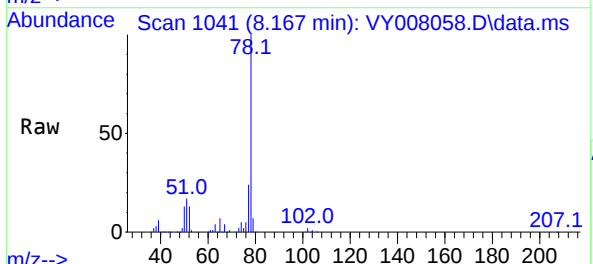
Acq: 28 Mar 2022 11:02

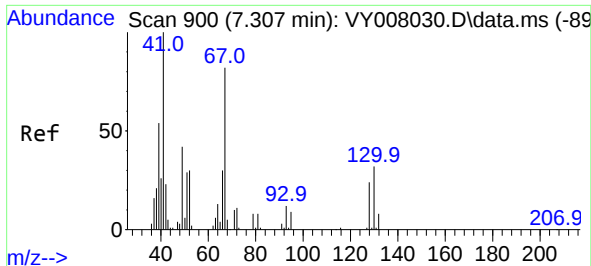
Tgt Ion: 78 Resp: 394406

Ion Ratio Lower Upper

78 100

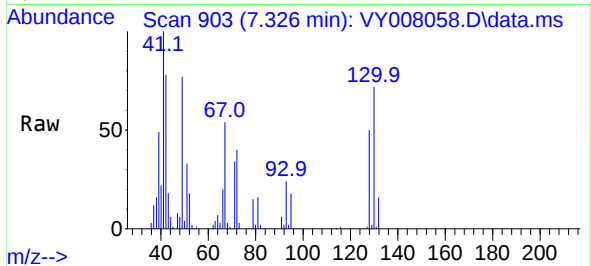
77 23.7 20.4 30.6





#41
Methacrylonitrile
Concen: 54.616 ug/l m
RT: 7.326 min Scan# 90
Delta R.T. 0.019 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

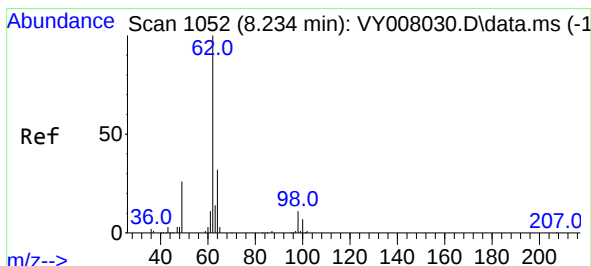
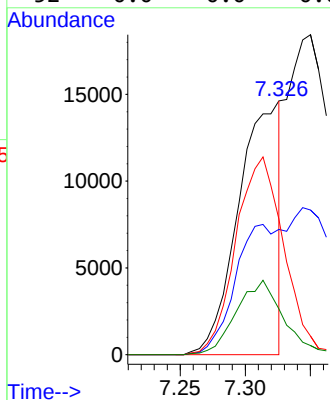
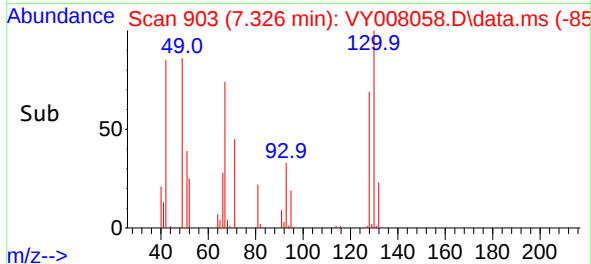
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 32662
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

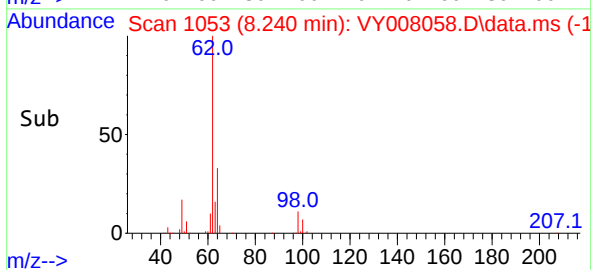
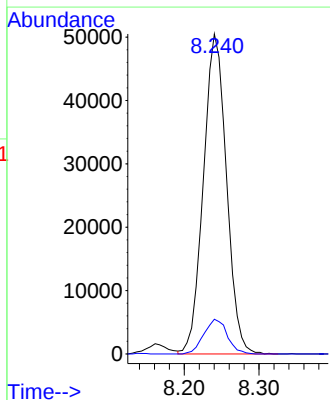
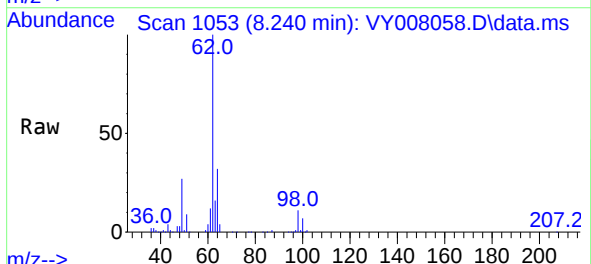
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#42
1,2-Dichloroethane
Concen: 52.931 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

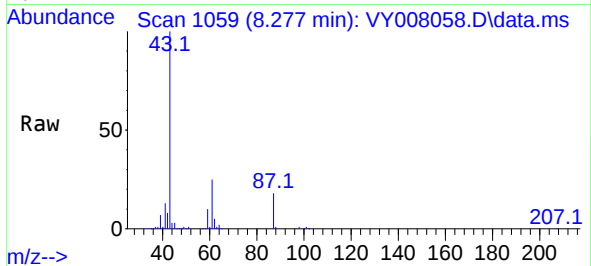
Tgt Ion: 62 Resp: 108286
Ion Ratio Lower Upper
62 100
98 11.0 0.0 14.8





#43
Isopropyl Acetate
Concen: 50.032 ug/l
RT: 8.277 min Scan# 116978
Delta R.T. 0.006 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

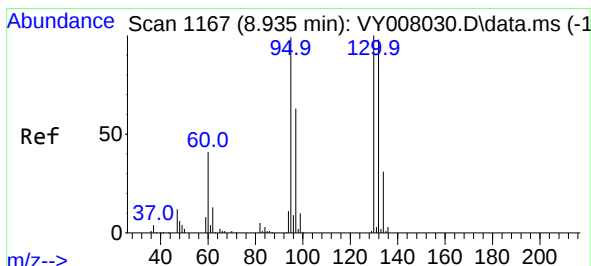
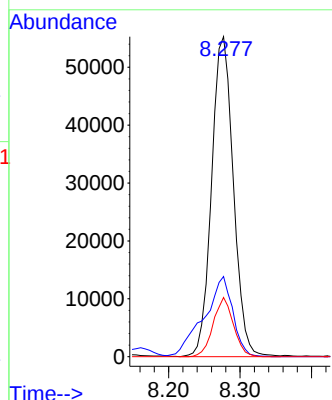
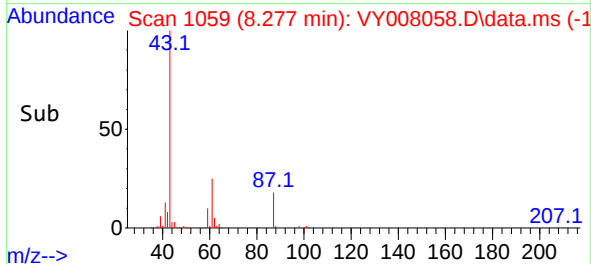
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 116978
Ion Ratio Lower Upper
43 100
61 33.2 20.2 30.2
87 17.2 8.9 13.3

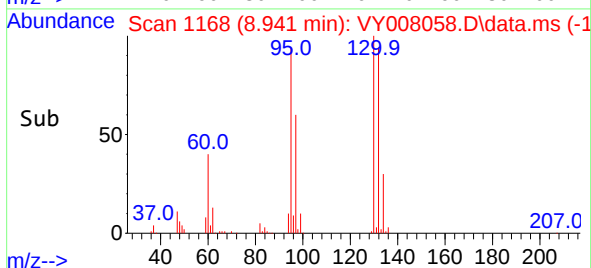
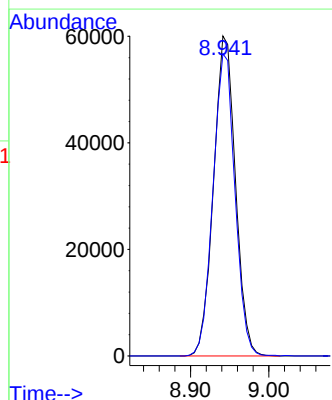
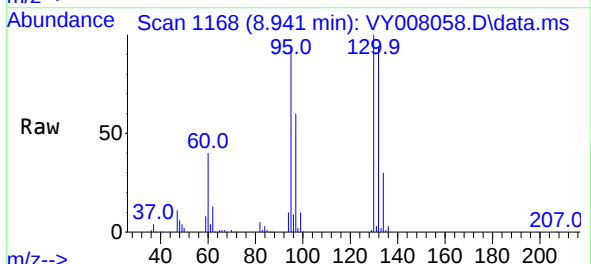
Manual Integrations
APPROVED

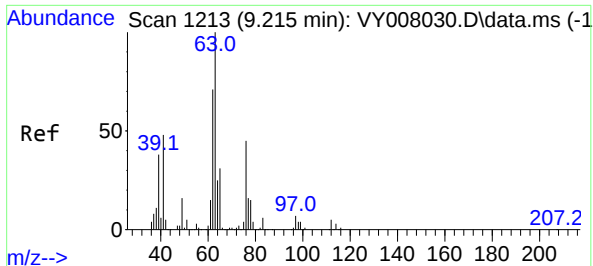
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#44
Trichloroethene
Concen: 55.323 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

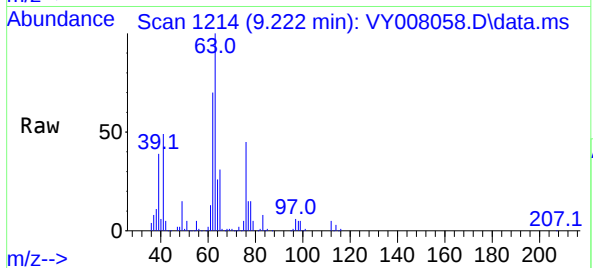
Tgt Ion:130 Resp: 116668
Ion Ratio Lower Upper
130 100
95 94.5 0.0 188.2





#45
1,2-Dichloropropane
Concen: 54.189 ug/l
RT: 9.222 min Scan# 1214
Delta R.T. 0.007 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

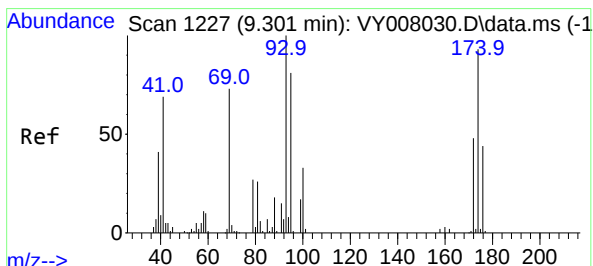
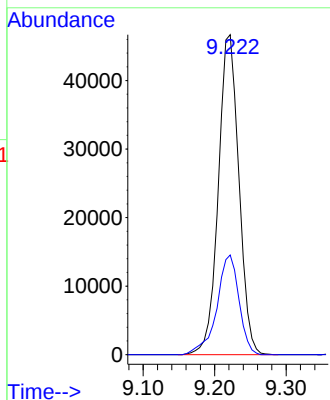
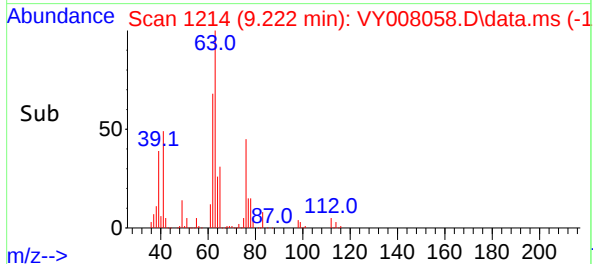
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



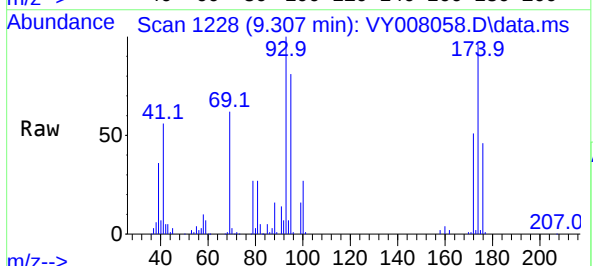
Tgt Ion: 63 Resp: 93130
Ion Ratio Lower Upper
63 100
65 31.1 23.0 34.6

Manual Integrations
APPROVED

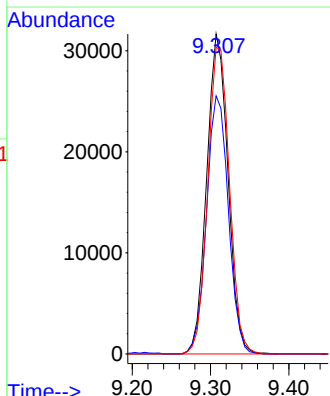
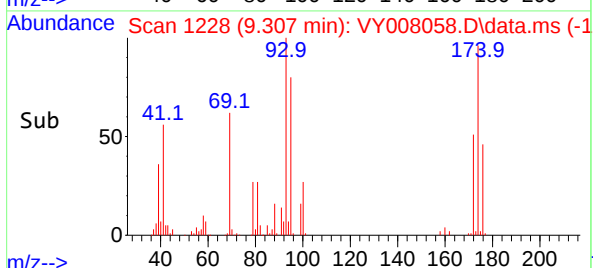
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

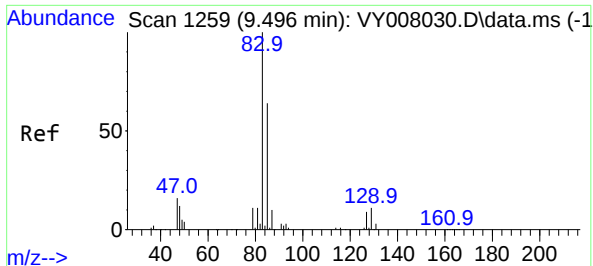


#46
Dibromomethane
Concen: 52.896 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02



Tgt Ion: 93 Resp: 59779
Ion Ratio Lower Upper
93 100
95 82.6 64.3 96.5
174 98.1 83.4 125.0





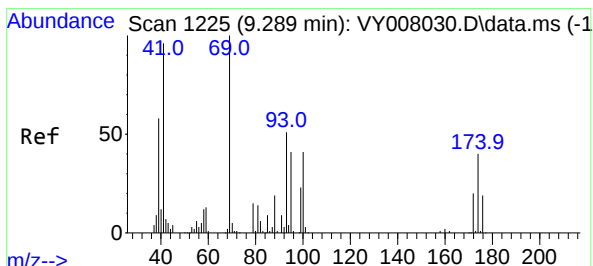
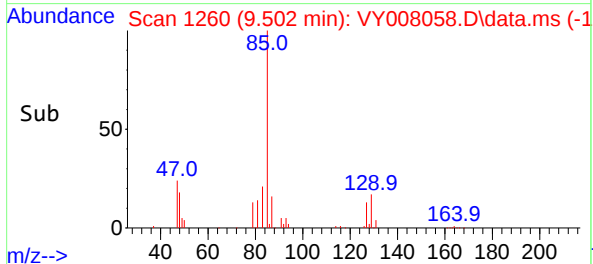
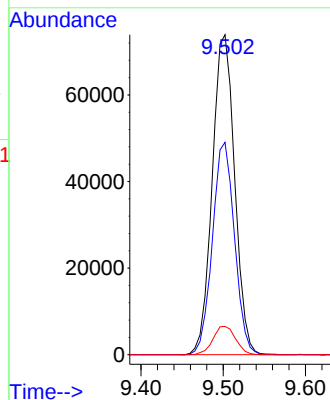
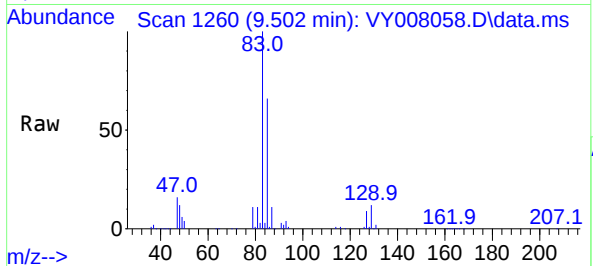
#47
Bromodichloromethane
Concen: 54.157 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 13995
Ion Ratio Lower Upper
83 100
85 66.4 51.9 77.9
127 8.9 6.6 10.0

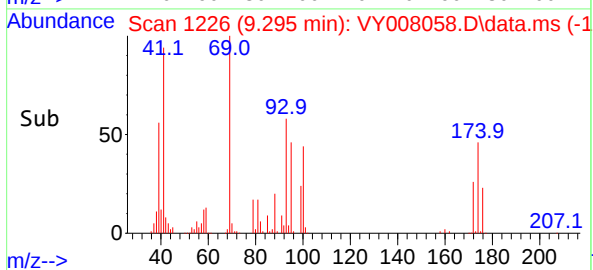
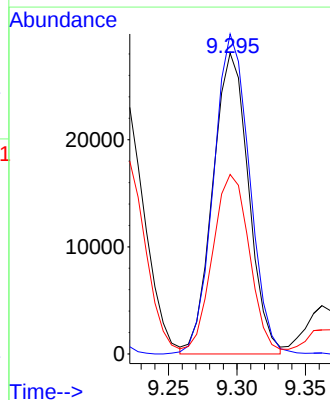
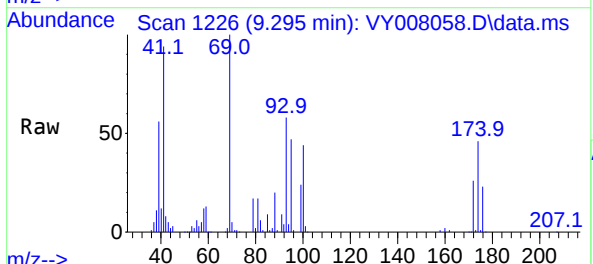
Manual Integrations
APPROVED

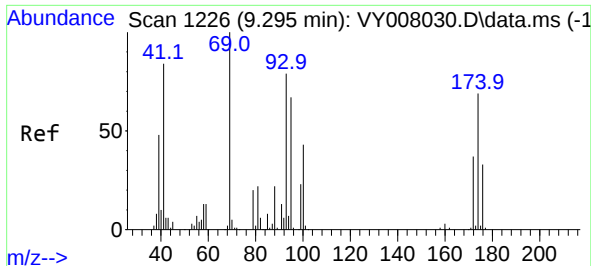
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#48
Methyl methacrylate
Concen: 49.240 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

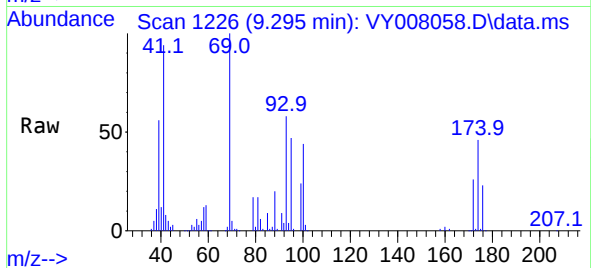
Tgt Ion: 41 Resp: 50991
Ion Ratio Lower Upper
41 100
69 106.8 58.2 87.2#
39 59.0 47.4 71.0





#49
1,4-Dioxane
Concen: 961.499 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

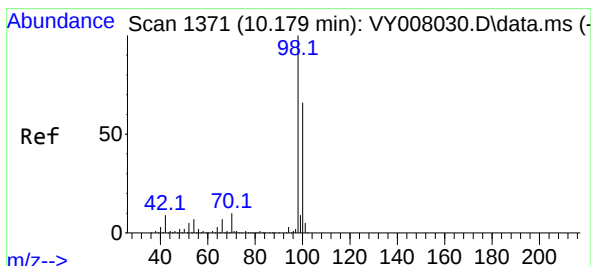
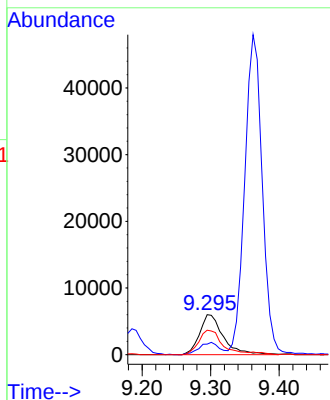
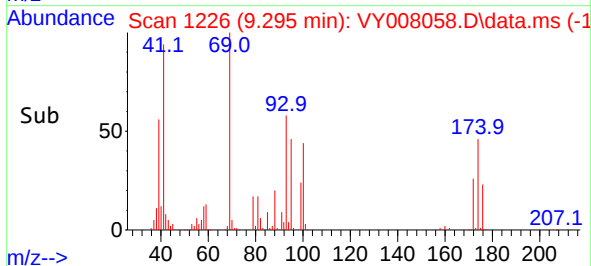
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 1444
Ion Ratio Lower Upper
88 100
43 26.8 32.8 49.2
58 63.7 59.8 89.6

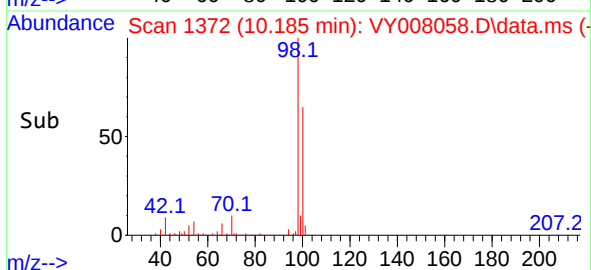
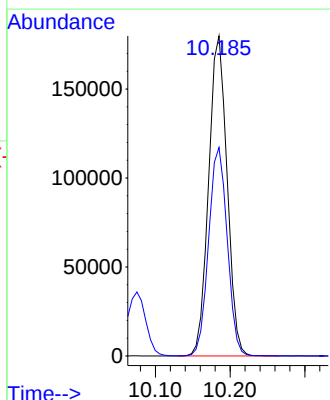
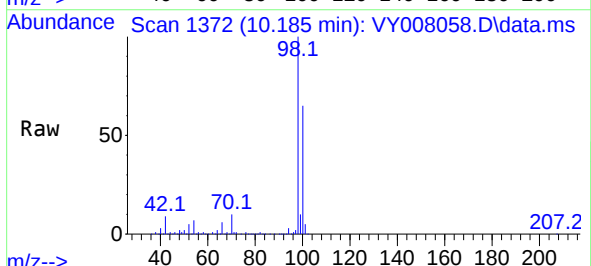
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#50
Toluene-d8
Concen: 50.349 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

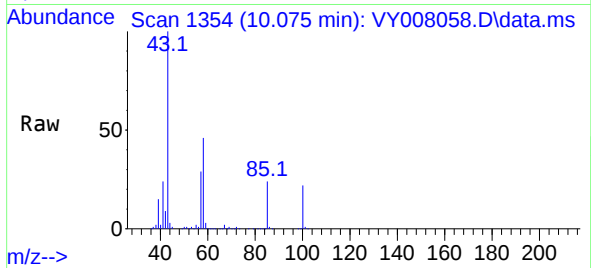
Tgt Ion: 98 Resp: 307880
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2





#51
4-Methyl-2-Pentanone
Concen: 241.287 ug/l
RT: 10.075 min Scan# 1353
Delta R.T. 0.006 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

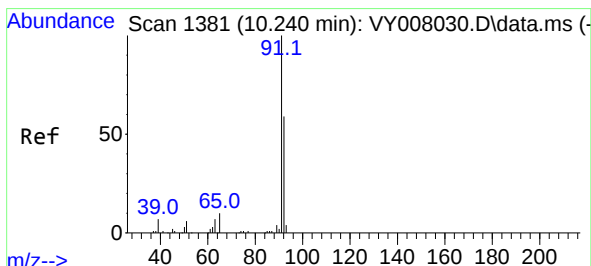
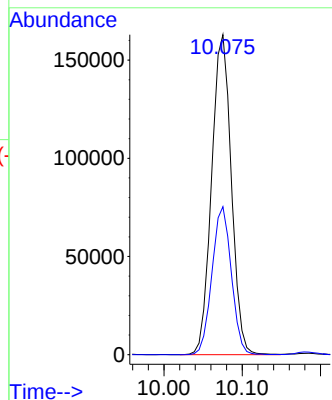
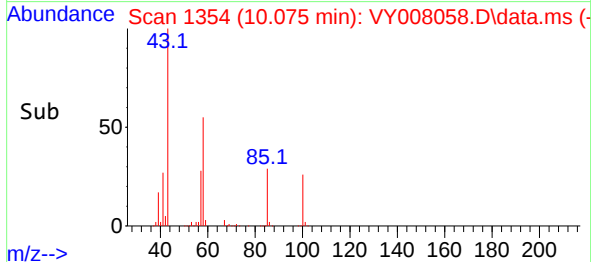
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 284530
Ion Ratio Lower Upper
43 100
58 45.4 28.1 42.1

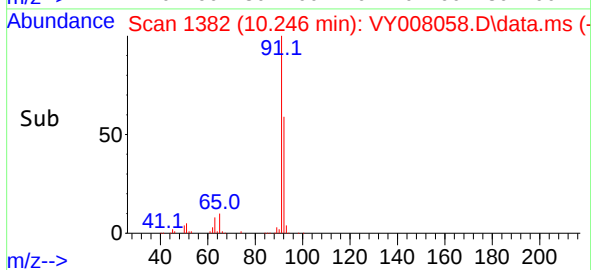
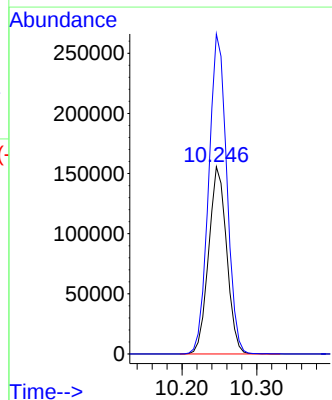
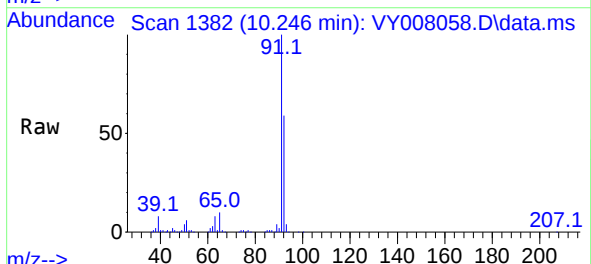
Manual Integrations
APPROVED

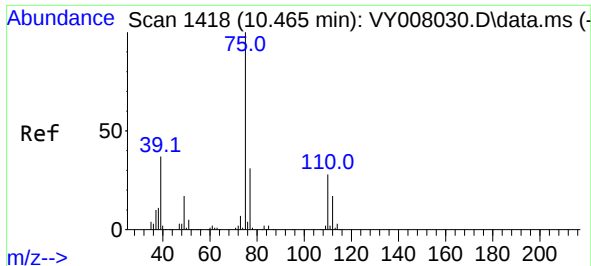
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#52
Toluene
Concen: 54.491 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

Tgt Ion: 92 Resp: 260612
Ion Ratio Lower Upper
92 100
91 171.8 142.6 213.8





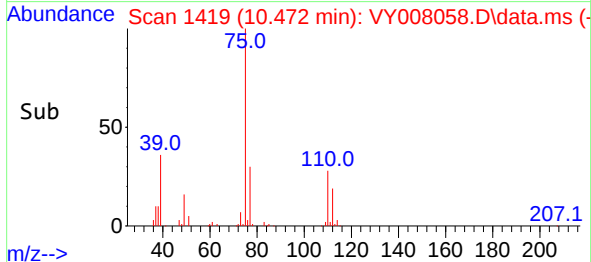
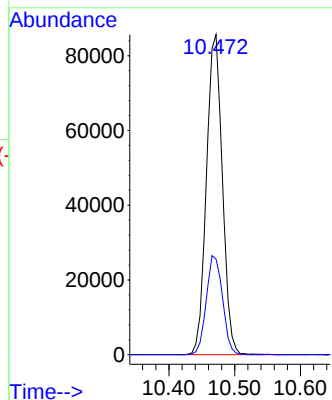
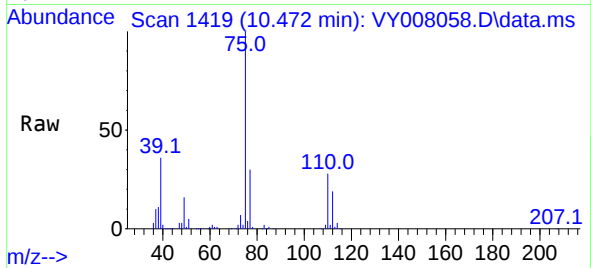
#53
t-1,3-Dichloropropene
Concen: 54.428 ug/l
RT: 10.472 min Scan# 1418
Delta R.T. 0.007 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 14417
Ion Ratio Lower Upper
75 100
77 29.9 25.4 38.2

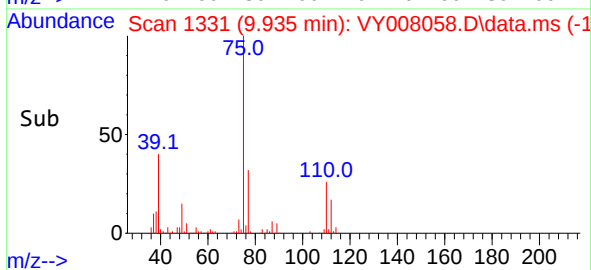
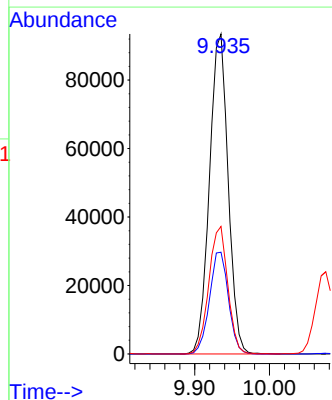
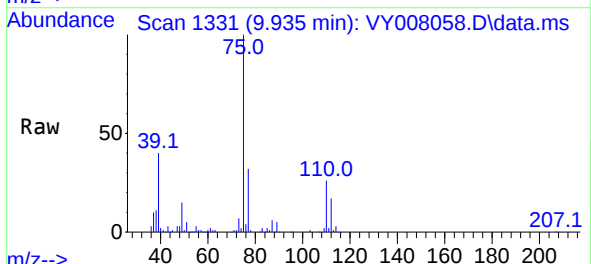
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#54
cis-1,3-Dichloropropene
Concen: 54.212 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.006 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

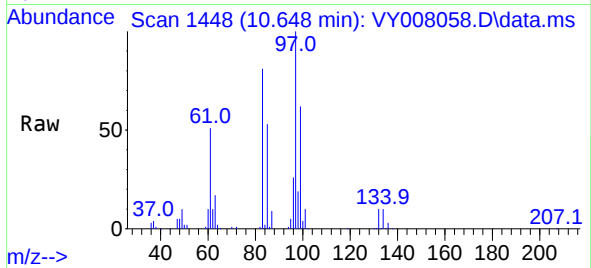
Tgt Ion: 75 Resp: 162561
Ion Ratio Lower Upper
75 100
77 31.8 25.6 38.4
39 39.9 47.6 71.4#





#55
1,1,2-Trichloroethane
Concen: 54.277 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

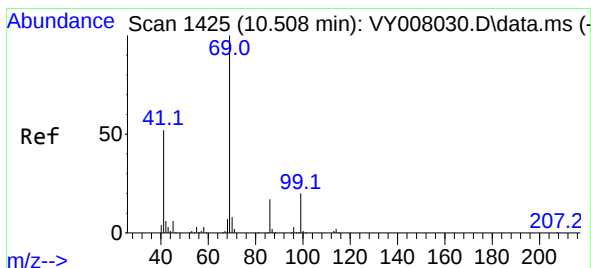
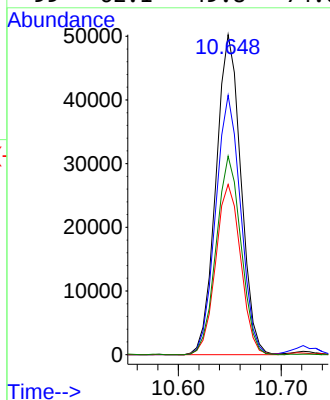
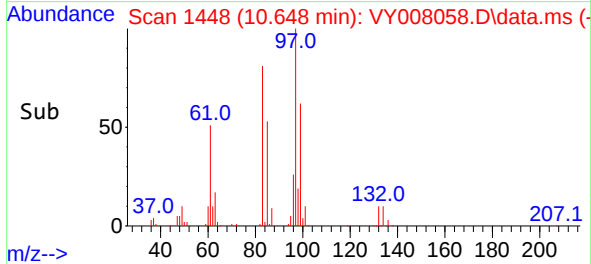
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



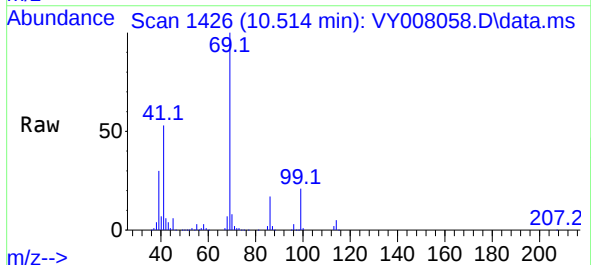
Tgt Ion: 97 Resp: 84698
Ion Ratio Lower Upper
97 100
83 81.0 69.8 104.8
85 53.2 44.3 66.5
99 62.1 49.8 74.6

Manual Integrations
APPROVED

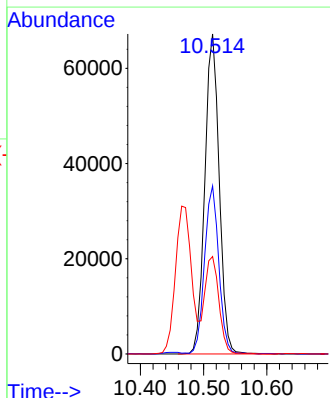
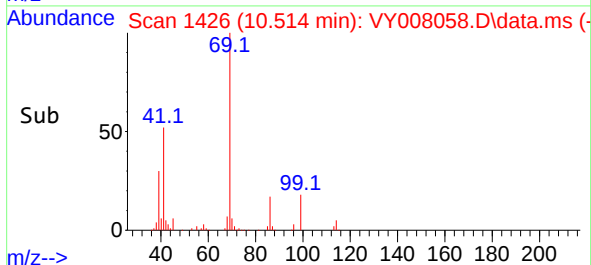
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

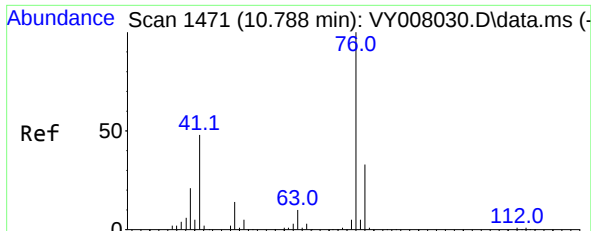


#56
Ethyl methacrylate
Concen: 52.248 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02



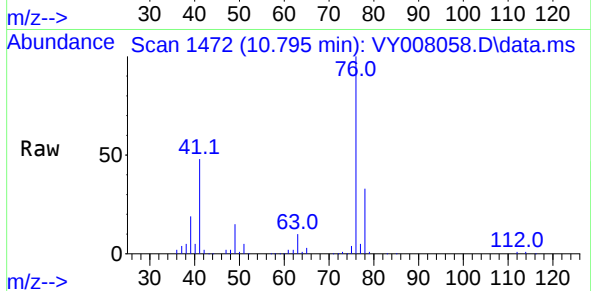
Tgt Ion: 69 Resp: 106353
Ion Ratio Lower Upper
69 100
41 52.3 63.4 95.0#
39 31.3 35.8 53.8#





#57
1,3-Dichloropropane
Concen: 52.991 ug/l
RT: 10.795 min Scan# 1471
Delta R.T. 0.007 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

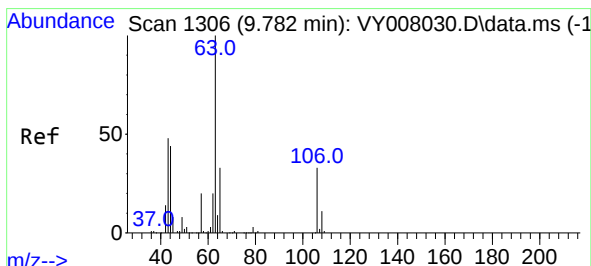
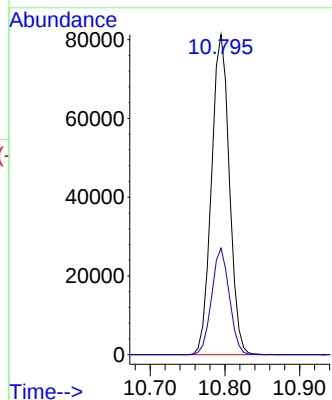
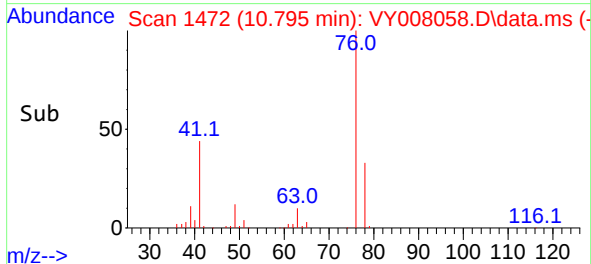
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 135338
Ion Ratio Lower Upper
76 100
78 32.9 25.0 37.6

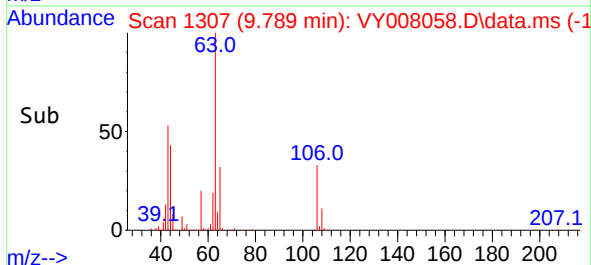
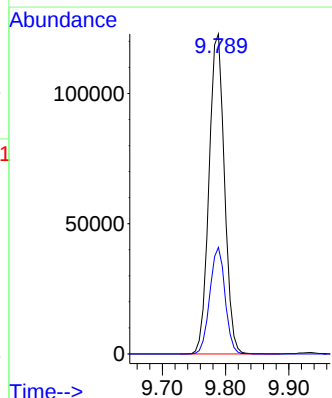
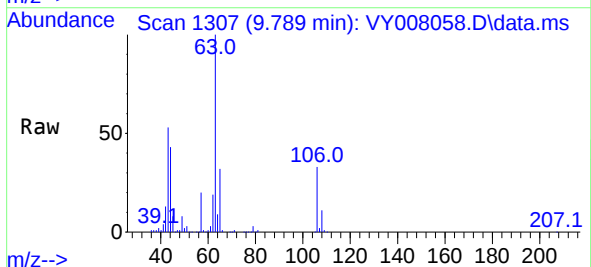
Manual Integrations
APPROVED

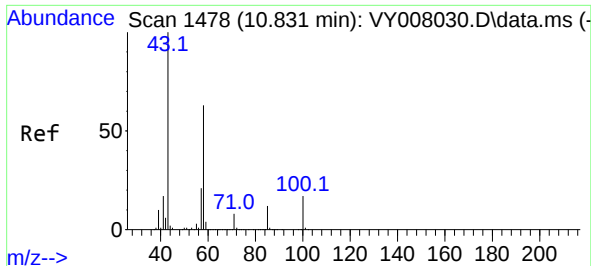
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#58
2-Chloroethyl Vinyl ether
Concen: 247.260 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.007 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

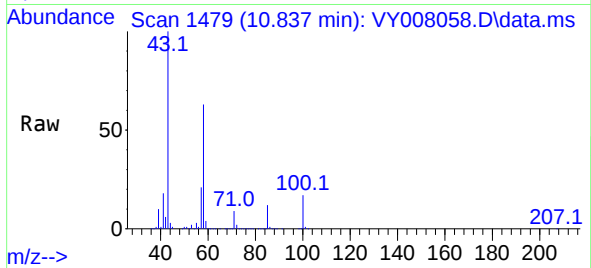
Tgt Ion: 63 Resp: 208536
Ion Ratio Lower Upper
63 100
106 32.9 21.5 32.3#





#59
2-Hexanone
Concen: 246.742 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

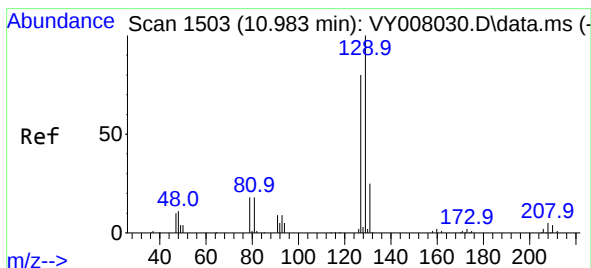
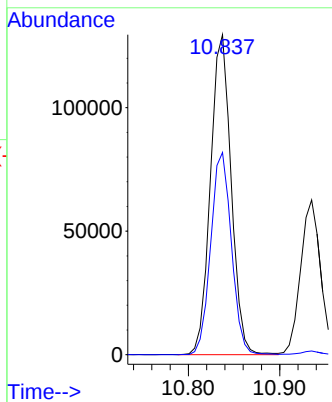
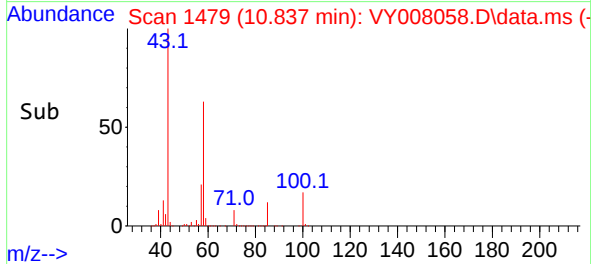
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 203600
Ion Ratio Lower Upper
43 100
58 63.2 24.4 73.4

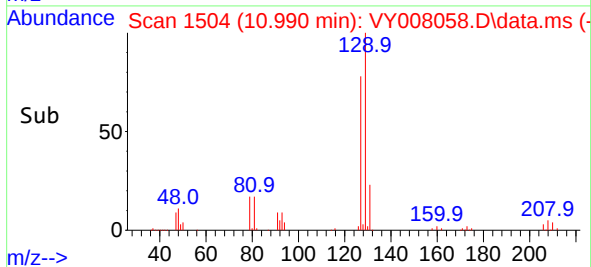
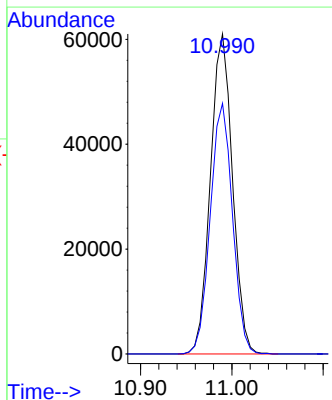
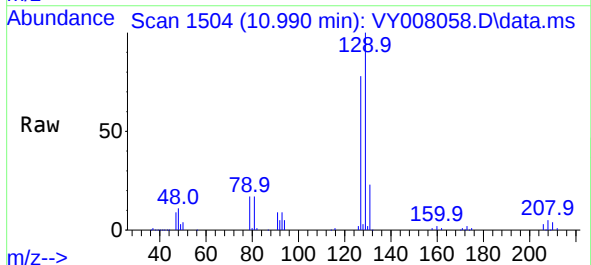
Manual Integrations
APPROVED

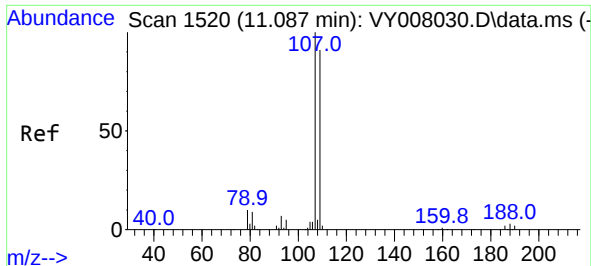
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#60
Dibromochloromethane
Concen: 53.957 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.007 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

Tgt Ion:129 Resp: 102402
Ion Ratio Lower Upper
129 100
127 78.7 38.7 116.1





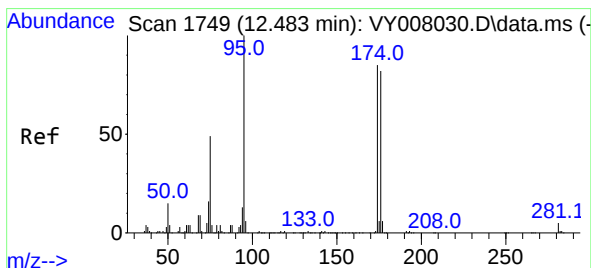
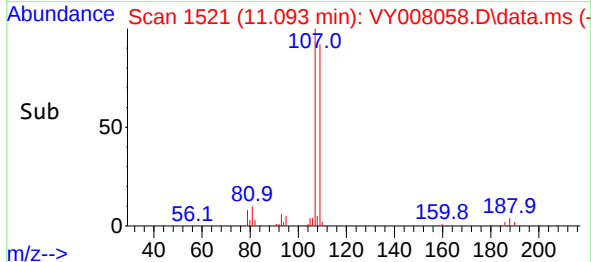
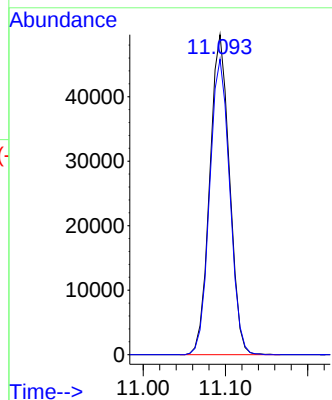
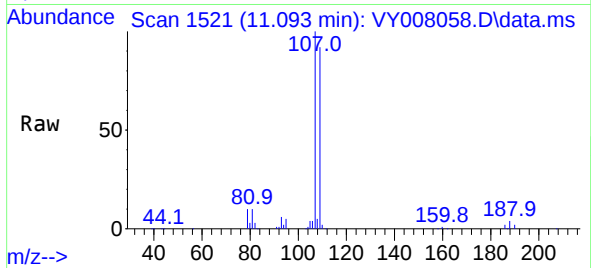
#61
1,2-Dibromoethane
Concen: 53.227 ug/l
RT: 11.093 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 82723
Ion Ratio Lower Upper
107 100
109 93.9 75.4 113.2

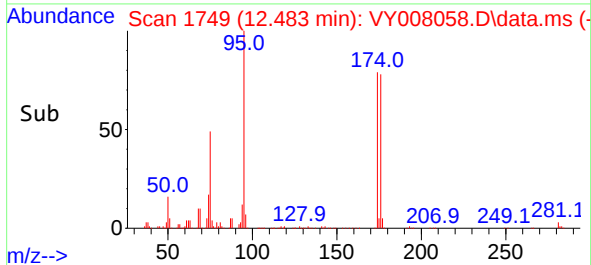
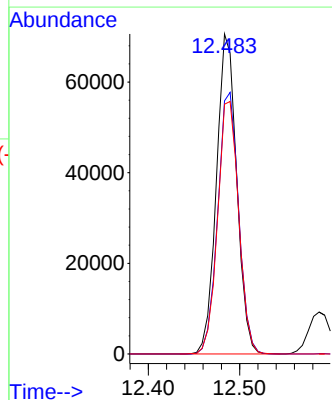
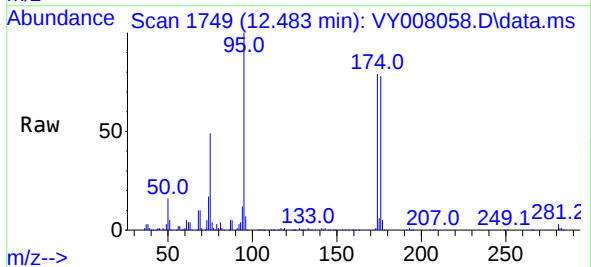
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#62
4-Bromofluorobenzene
Concen: 50.350 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

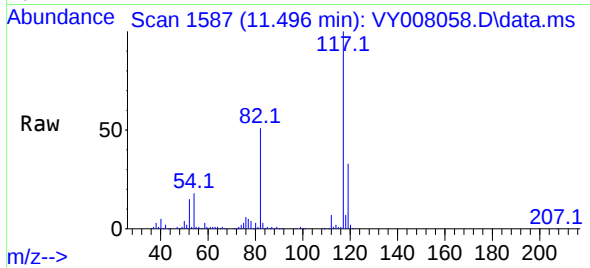
Tgt Ion: 95 Resp: 108623
Ion Ratio Lower Upper
95 100
174 84.1 0.0 177.0
176 82.1 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

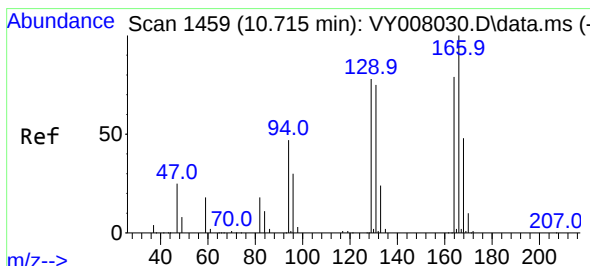
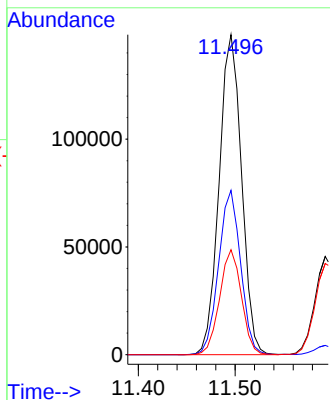
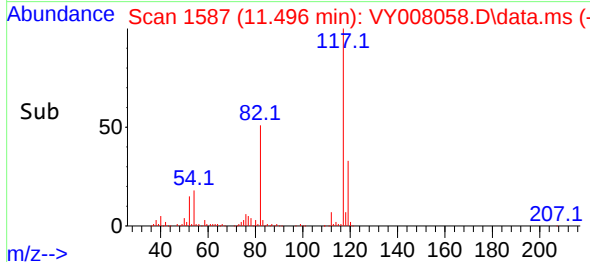
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



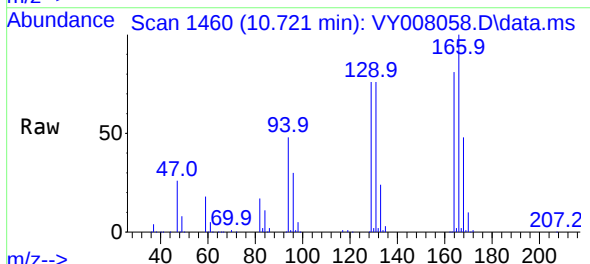
Tgt Ion:117 Resp: 238689
Ion Ratio Lower Upper
117 100
82 51.4 43.0 64.4
119 32.8 25.4 38.0

Manual Integrations
APPROVED

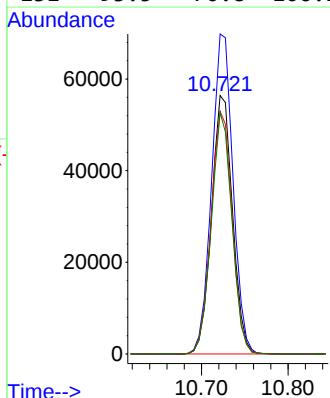
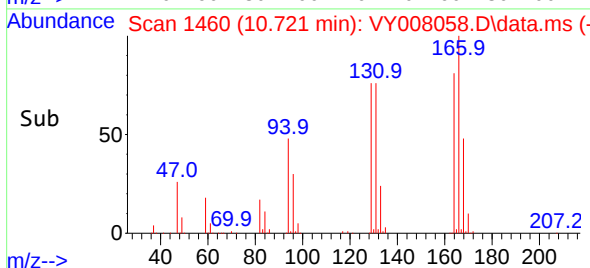
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#64
Tetrachloroethene
Concen: 51.985 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02



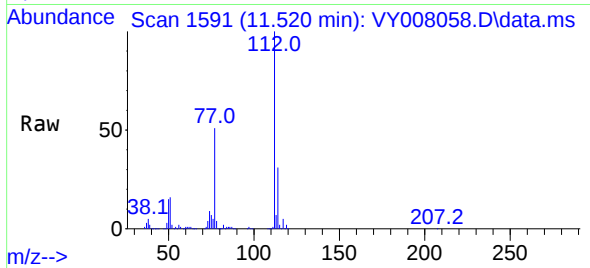
Tgt Ion:164 Resp: 95301
Ion Ratio Lower Upper
164 100
166 123.8 100.4 150.6
129 93.8 71.4 107.0
131 93.5 70.8 106.2





#65
Chlorobenzene
Concen: 53.138 ug/l
RT: 11.520 min Scan# 1590
Delta R.T. 0.006 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

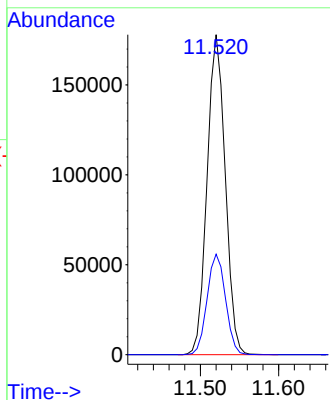
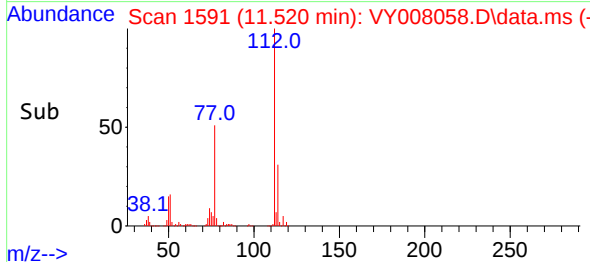
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



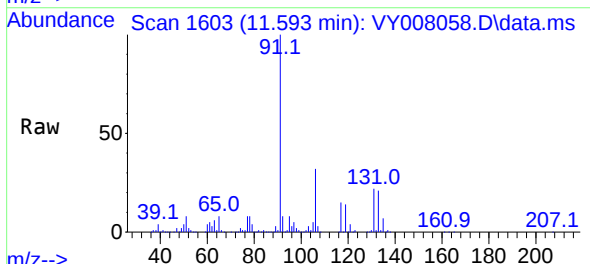
Tgt Ion:112 Resp: 285984
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.6

Manual Integrations
APPROVED

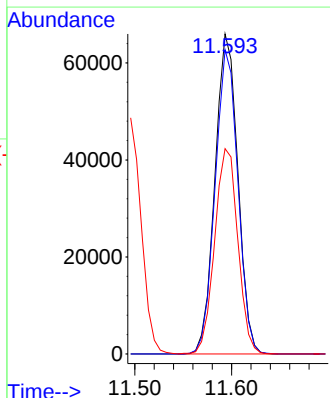
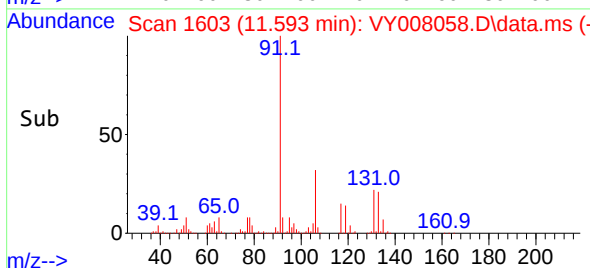
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

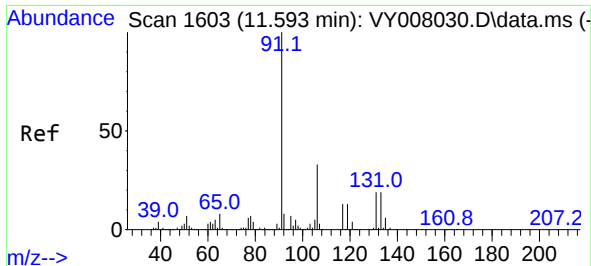


#66
1,1,1,2-Tetrachloroethane
Concen: 54.495 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02



Tgt Ion:131 Resp: 108184
Ion Ratio Lower Upper
131 100
133 94.8 47.9 143.6
119 65.2 30.8 92.3





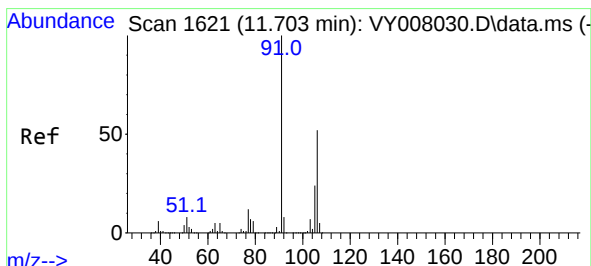
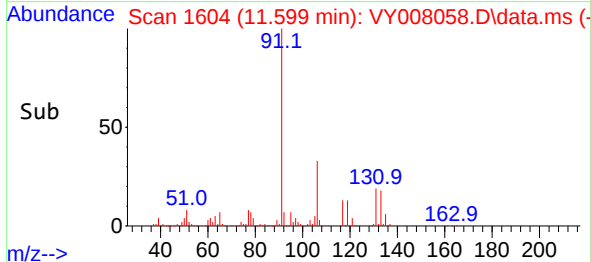
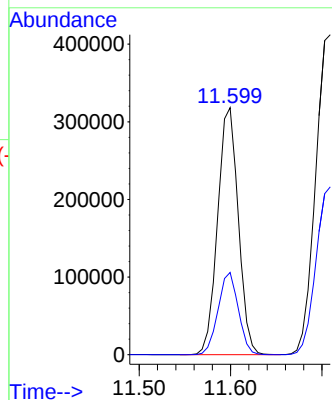
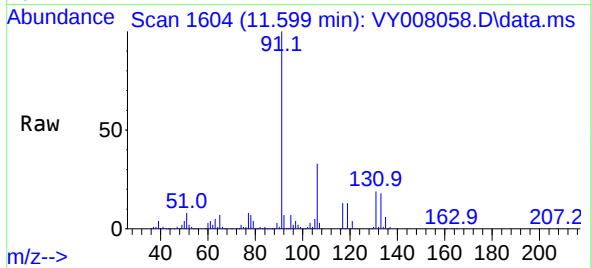
#67
Ethyl Benzene
Concen: 53.065 ug/l
RT: 11.599 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 500553
Ion Ratio Lower Upper
91 100
106 33.3 24.5 36.7

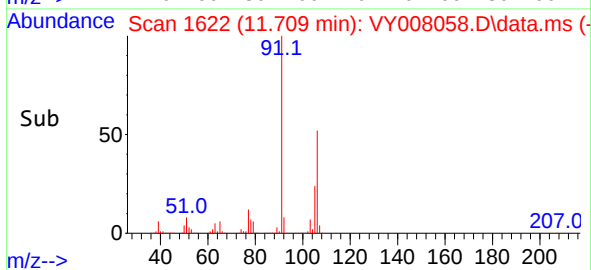
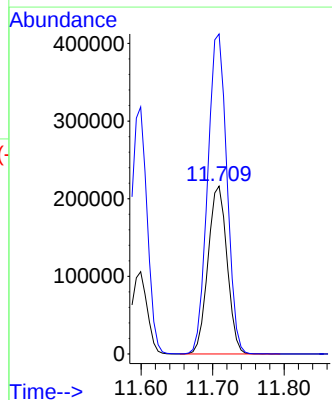
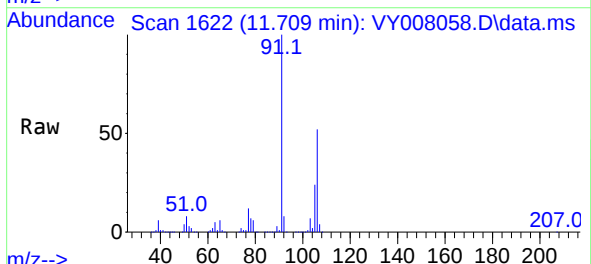
Manual Integrations
APPROVED

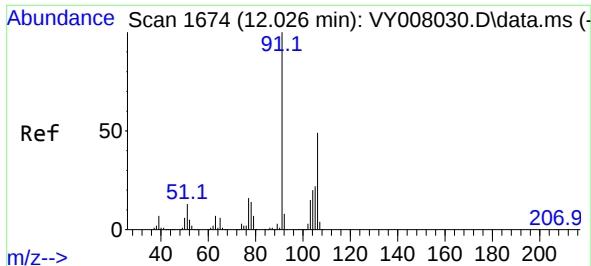
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#68
m/p-Xylenes
Concen: 106.790 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

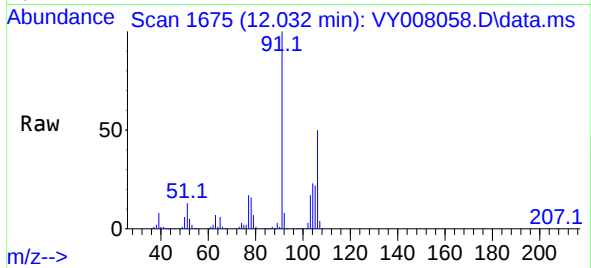
Tgt Ion:106 Resp: 400553
Ion Ratio Lower Upper
106 100
91 192.2 166.6 249.8





#69
o-Xylene
Concen: 53.246 ug/l
RT: 12.032 min Scan# 1674
Delta R.T. 0.006 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

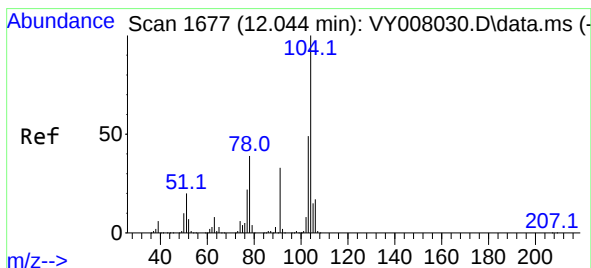
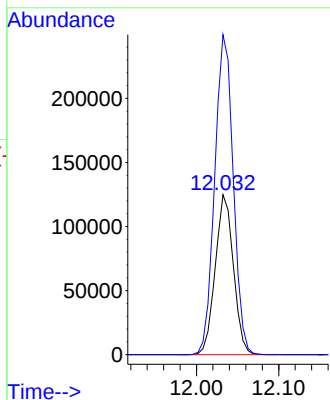
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 191224
Ion Ratio Lower Upper
106 100
91 204.3 110.3 331.0

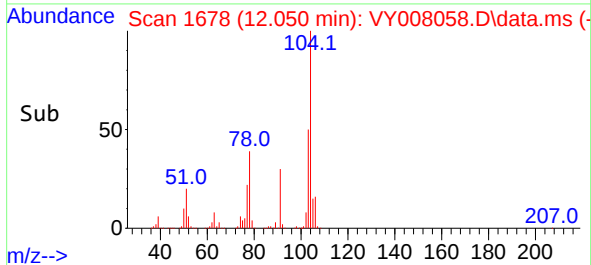
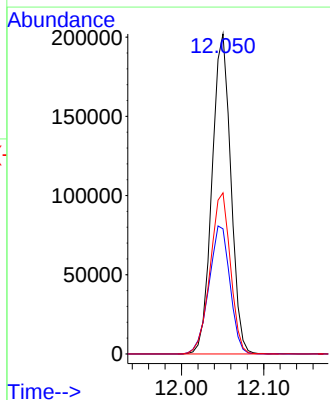
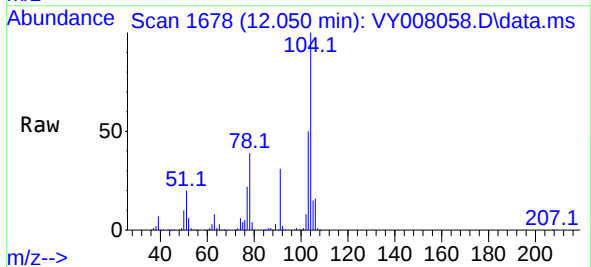
Manual Integrations
APPROVED

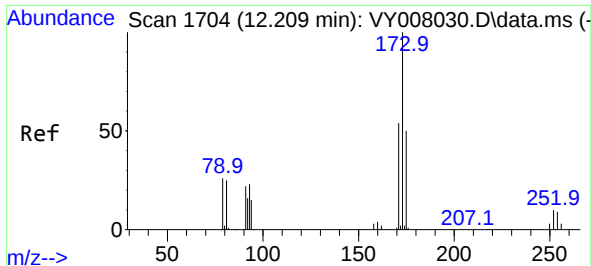
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#70
Styrene
Concen: 54.526 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

Tgt Ion:104 Resp: 320559
Ion Ratio Lower Upper
104 100
78 44.8 42.4 63.6
103 54.2 44.4 66.6





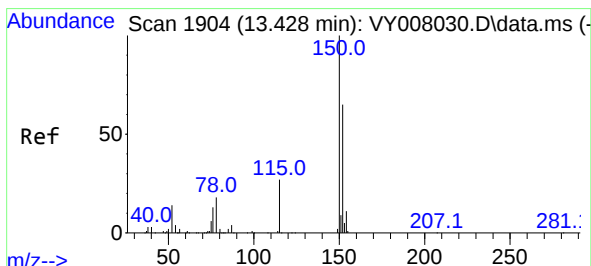
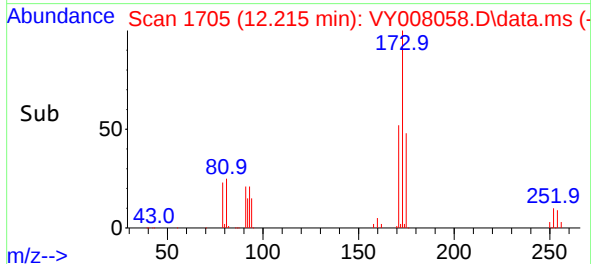
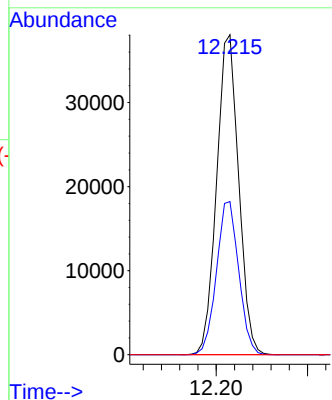
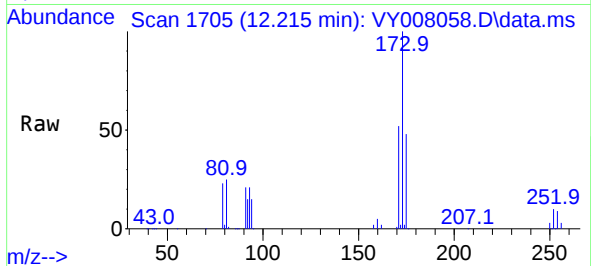
#71
Bromoform
Concen: 53.196 ug/l
RT: 12.215 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 6376
Ion Ratio Lower Upper
173 100
175 48.4 24.6 74.0
254 0.0 0.0 0.0

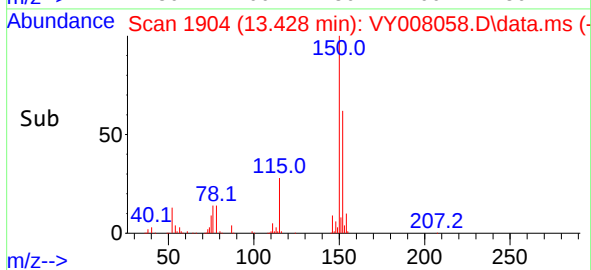
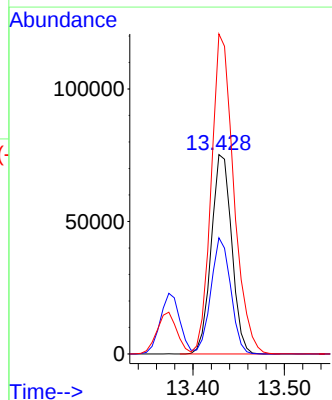
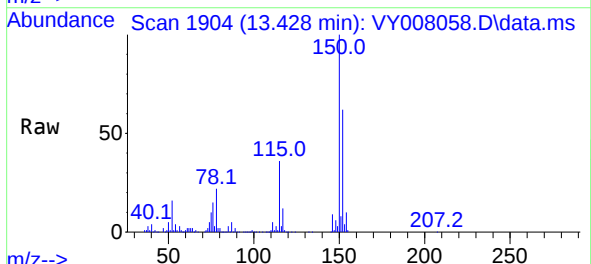
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

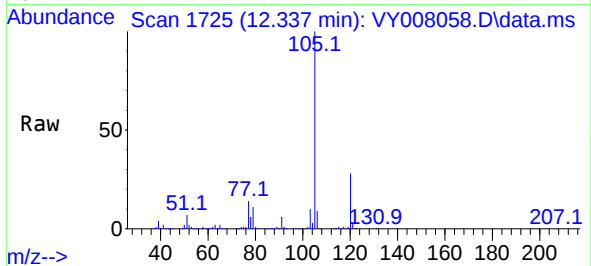
Tgt Ion:152 Resp: 116703
Ion Ratio Lower Upper
152 100
115 56.6 28.2 84.7
150 176.6 0.0 347.6





#73
Isopropylbenzene
Concen: 52.585 ug/l
RT: 12.337 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

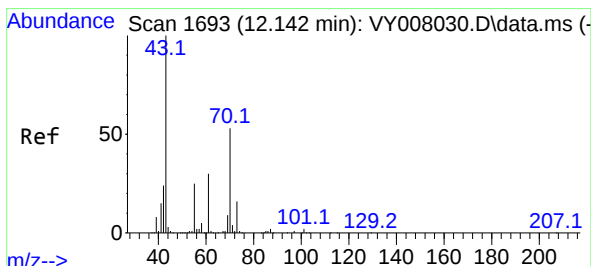
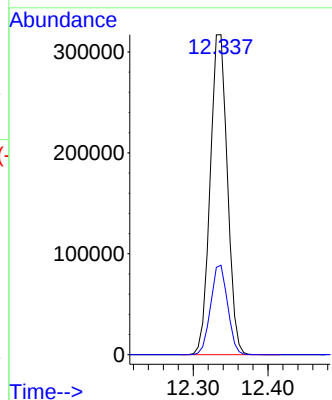
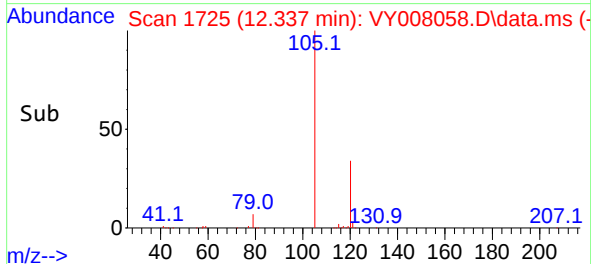
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



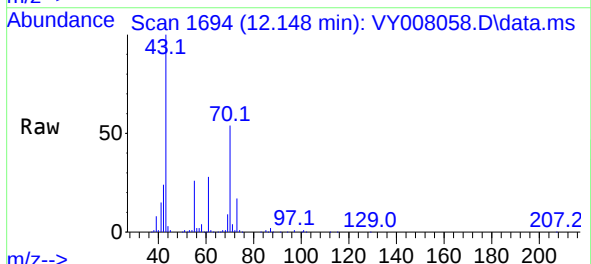
Tgt Ion:105 Resp: 50654
Ion Ratio Lower Upper
105 100
120 27.6 13.4 40.2

Manual Integrations
APPROVED

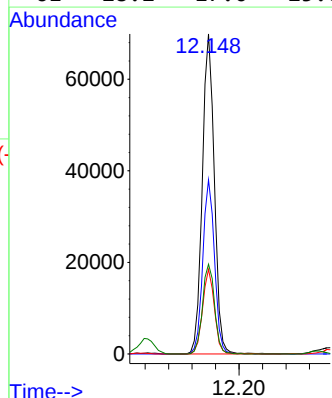
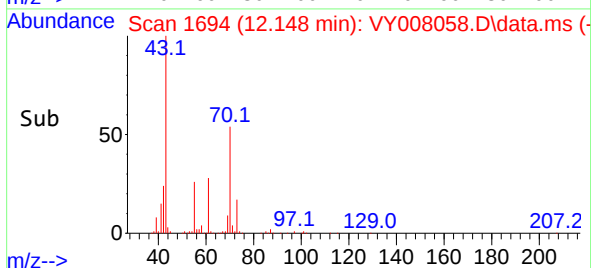
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

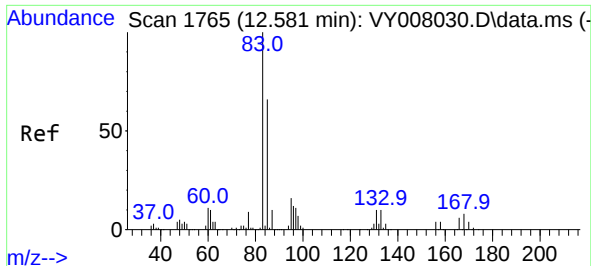


#74
N-ethyl acetate
Concen: 47.072 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02



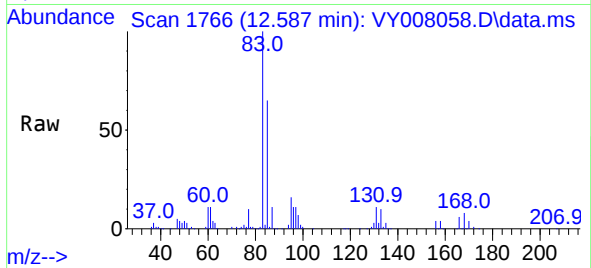
Tgt Ion: 43 Resp: 99675
Ion Ratio Lower Upper
43 100
70 53.2 28.7 43.1#
55 25.8 17.3 25.9
61 28.2 17.0 25.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 49.779 ug/l
RT: 12.587 min Scan# 1765
Delta R.T. 0.006 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

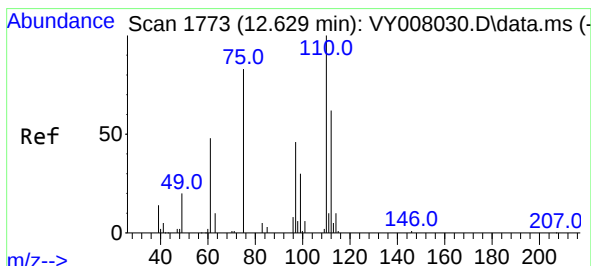
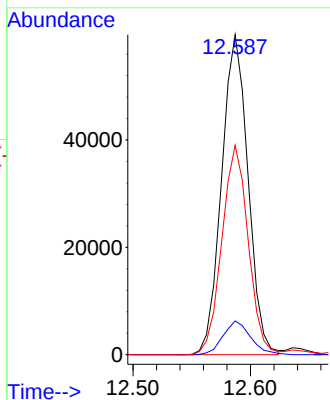
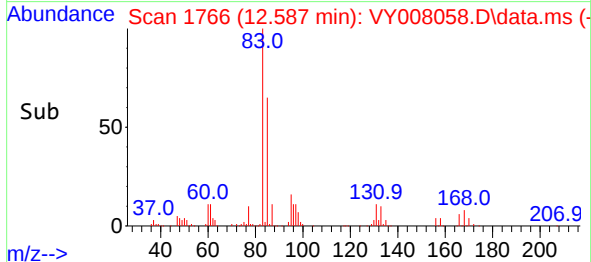
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



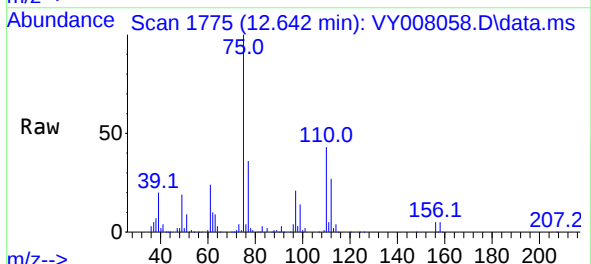
Tgt Ion: 83 Resp: 9320
Ion Ratio Lower Upper
83 100
131 11.0 5.6 16.8
85 65.0 32.3 96.8

Manual Integrations
APPROVED

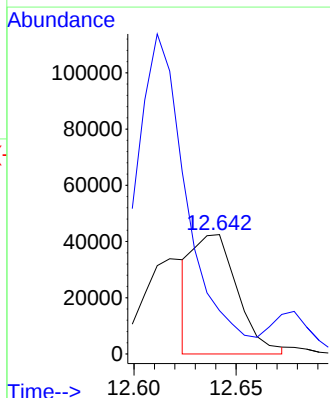
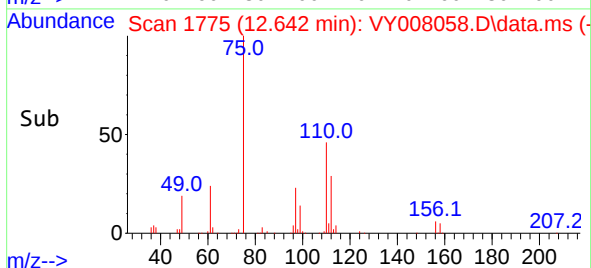
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

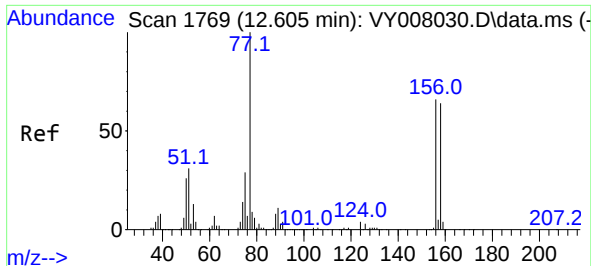


#76
1,2,3-Trichloropropane
Concen: 45.749 ug/l m
RT: 12.642 min Scan# 1775
Delta R.T. 0.013 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02



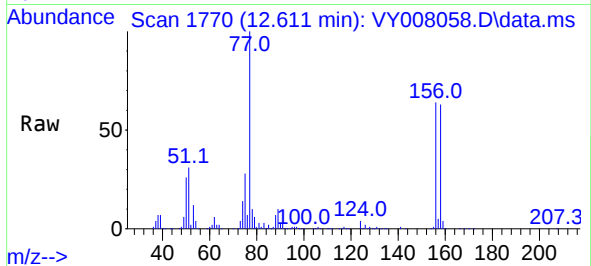
Tgt Ion: 75 Resp: 65083
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 52.846 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

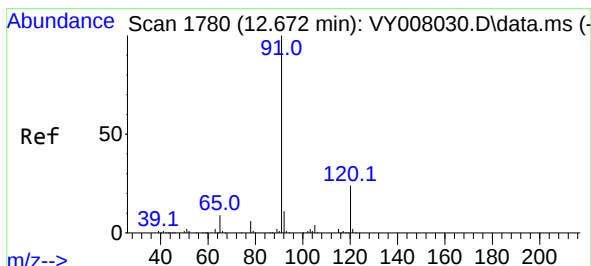
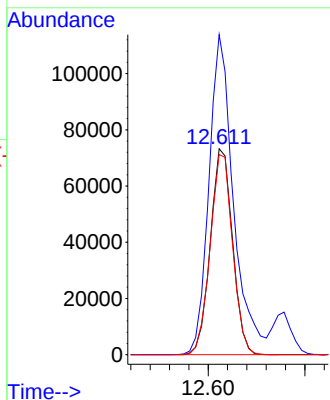
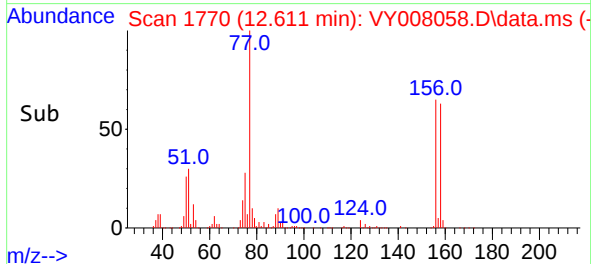
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



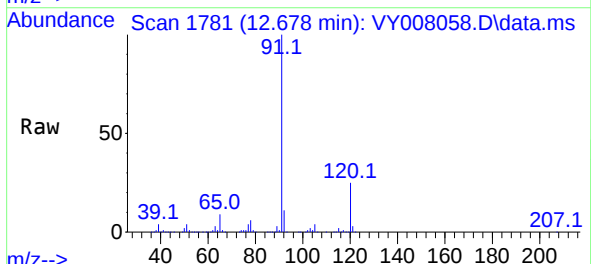
Tgt Ion:156 Resp: 116784
Ion Ratio Lower Upper
156 100
77 171.7 95.5 286.4
158 98.1 48.0 144.0

Manual Integrations
APPROVED

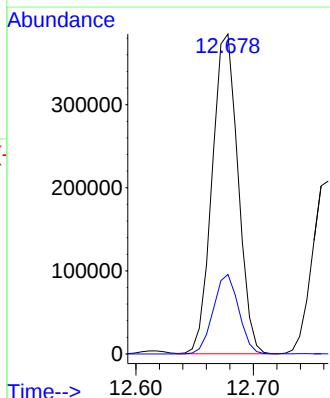
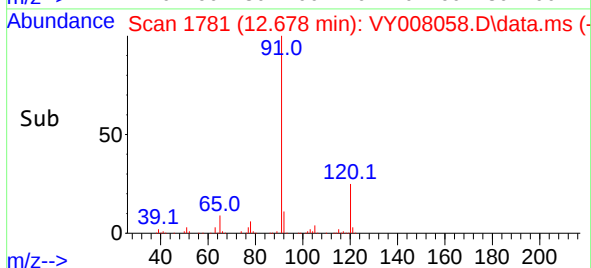
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

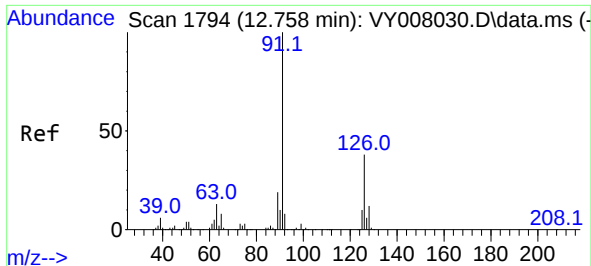


#78
n-propylbenzene
Concen: 51.889 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. 0.006 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02



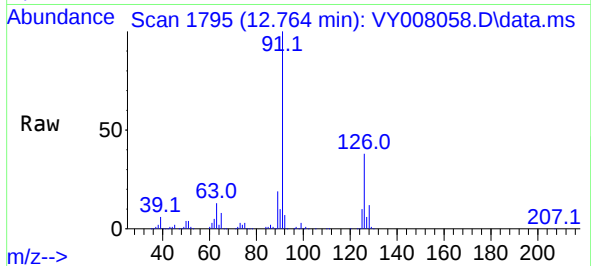
Tgt Ion: 91 Resp: 589573
Ion Ratio Lower Upper
91 100
120 24.4 11.3 33.9





#79
2-Chlorotoluene
Concen: 52.322 ug/l
RT: 12.764 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

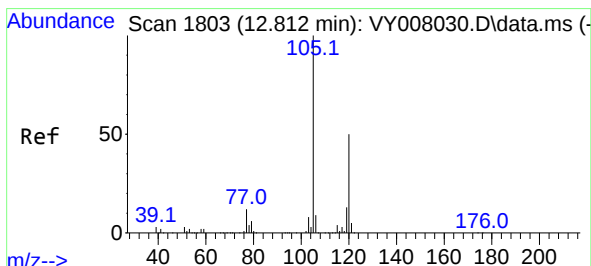
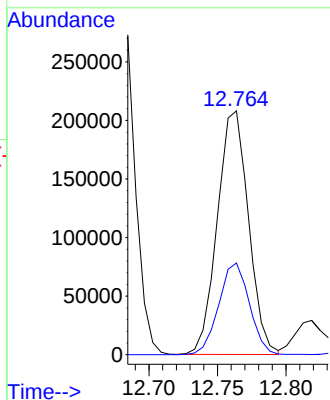
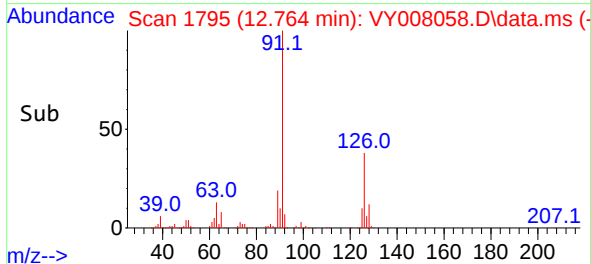
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



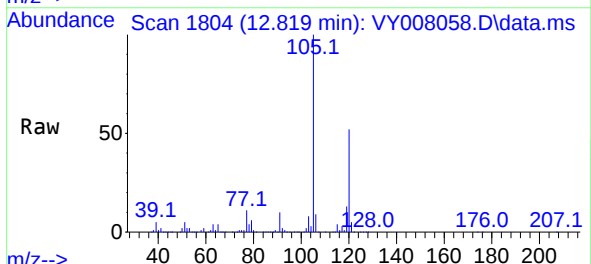
Tgt Ion: 91 Resp: 329790
Ion Ratio Lower Upper
91 100
126 37.0 16.9 50.6

Manual Integrations
APPROVED

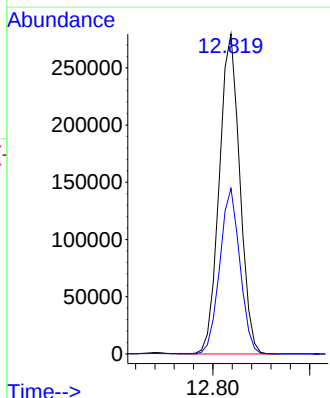
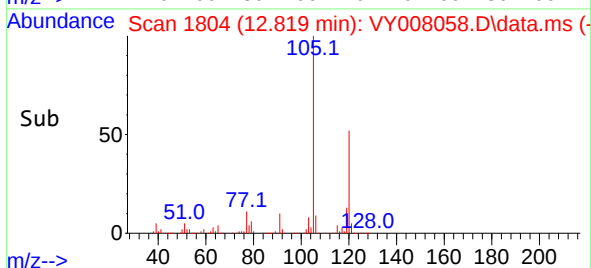
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

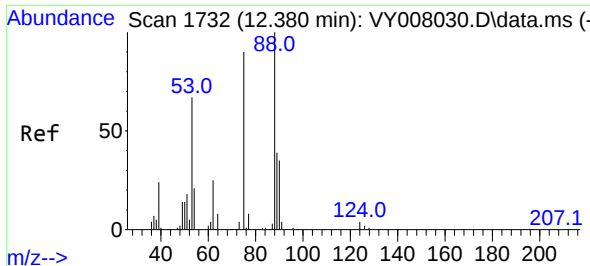


#80
1,3,5-Trimethylbenzene
Concen: 52.050 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.007 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02



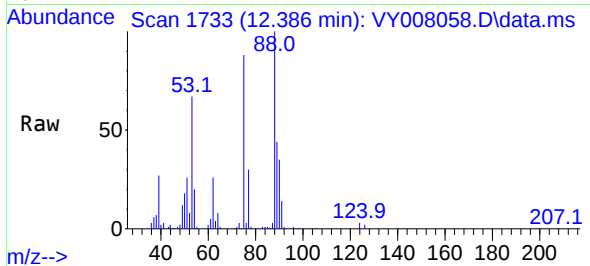
Tgt Ion:105 Resp: 410746
Ion Ratio Lower Upper
105 100
120 50.8 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 49.781 ug/l
RT: 12.386 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

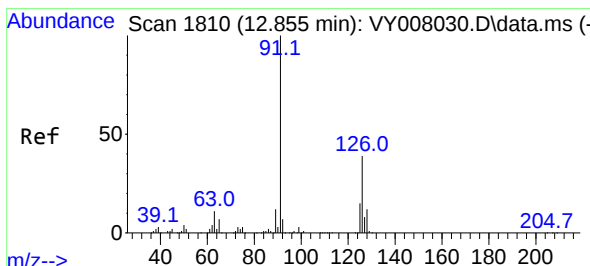
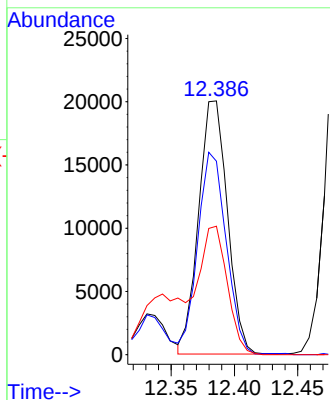
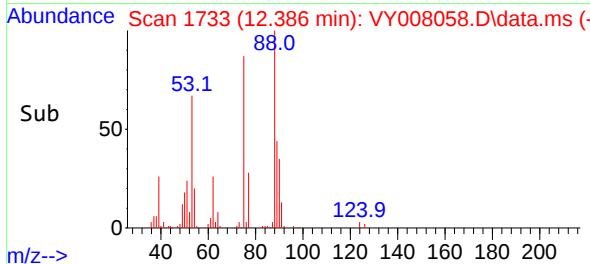
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 3174
Ion Ratio Lower Upper
75 100
53 78.6 85.3 127.9
89 50.7 37.0 55.4

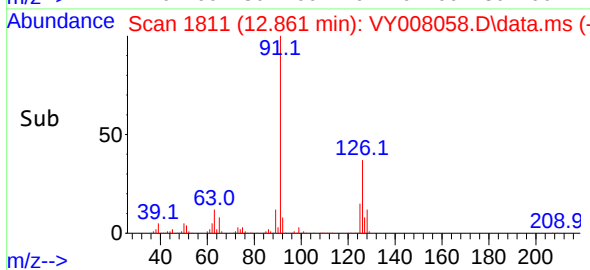
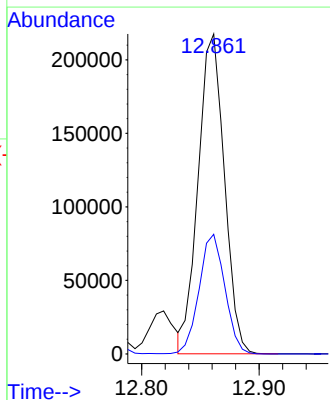
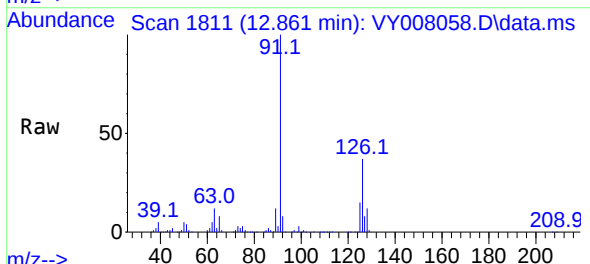
Manual Integrations
APPROVED

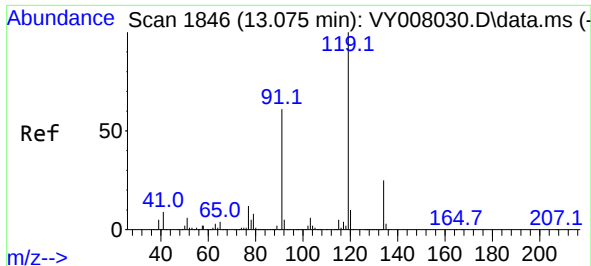
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#82
4-Chlorotoluene
Concen: 52.045 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

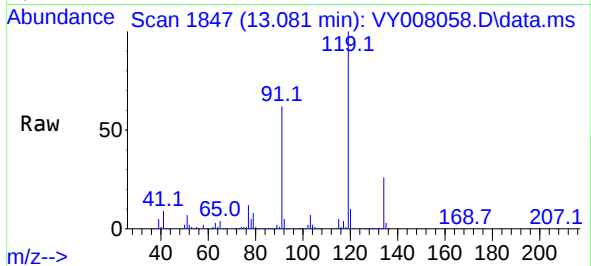
Tgt Ion: 91 Resp: 336596
Ion Ratio Lower Upper
91 100
126 36.9 17.0 51.0





#83
tert-Butylbenzene
Concen: 52.845 ug/l
RT: 13.081 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

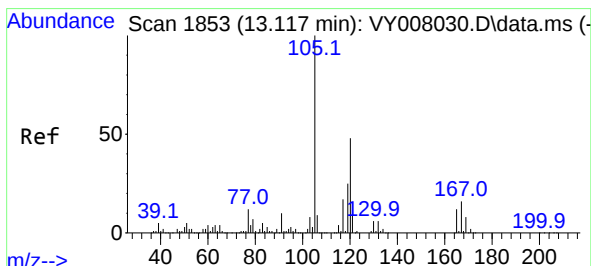
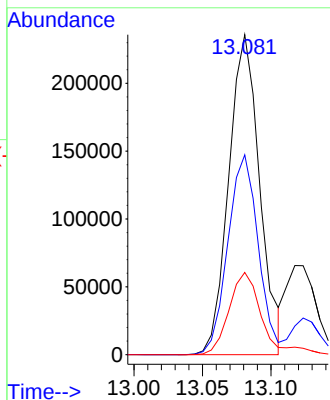
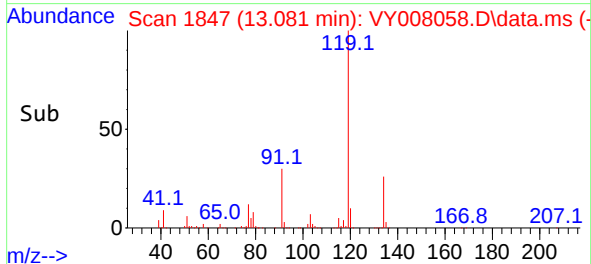
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



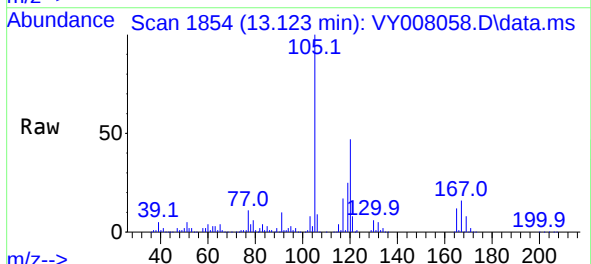
Tgt Ion:119 Resp: 37153
Ion Ratio Lower Upper
119 100
91 61.1 34.8 104.4
134 27.1 13.3 39.9

Manual Integrations
APPROVED

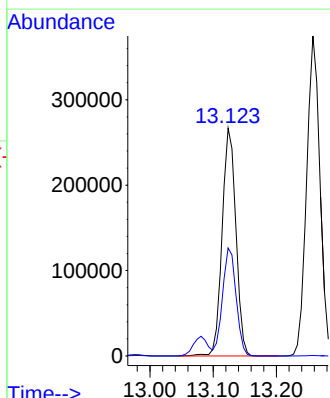
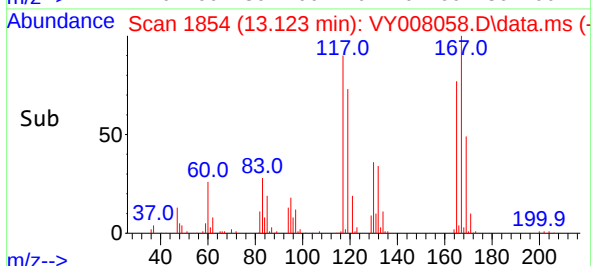
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

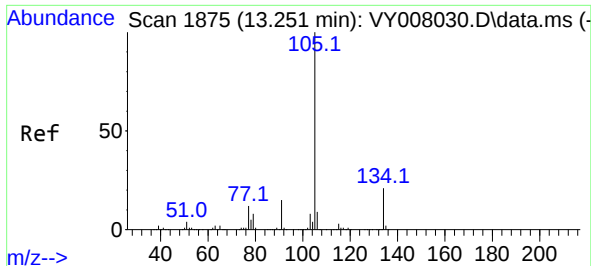


#84
1,2,4-Trimethylbenzene
Concen: 52.201 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02



Tgt Ion:105 Resp: 401152
Ion Ratio Lower Upper
105 100
120 46.7 22.3 66.9





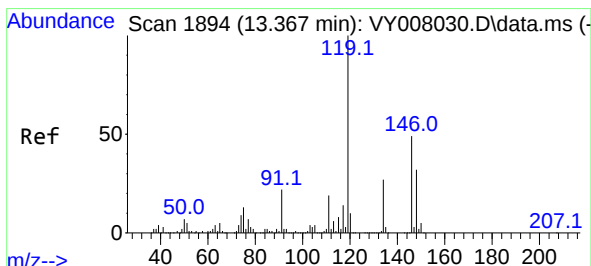
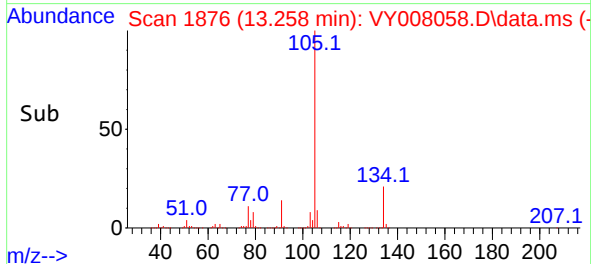
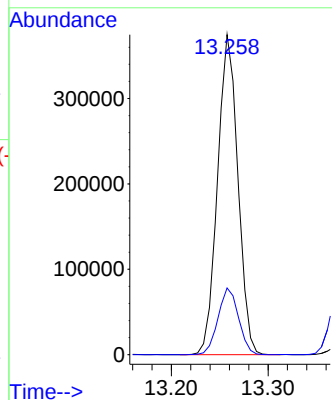
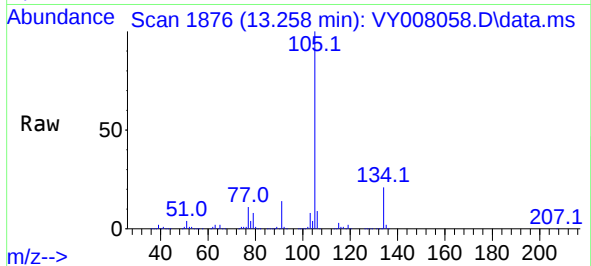
#85
 sec-Butylbenzene
 Concen: 52.737 ug/l
 RT: 13.258 min Scan# 1875
 Delta R.T. 0.007 min
 Lab File: VY008058.D
 Acq: 28 Mar 2022 11:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 547279
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.2 30.4

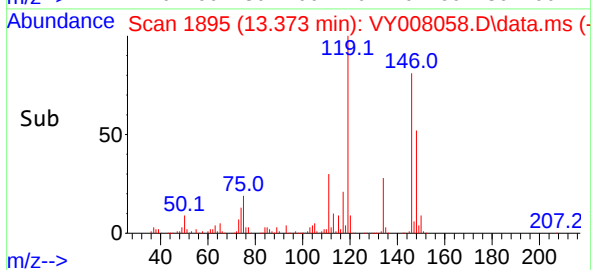
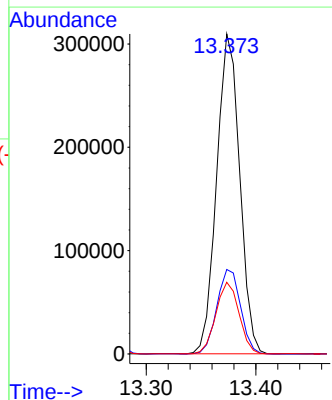
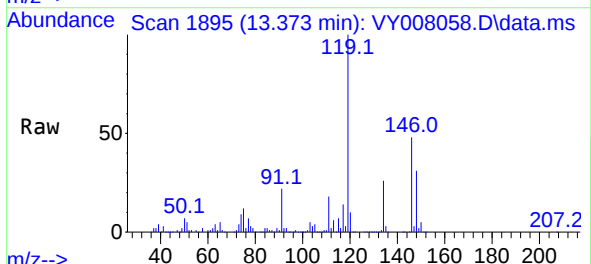
Manual Integrations
 APPROVED

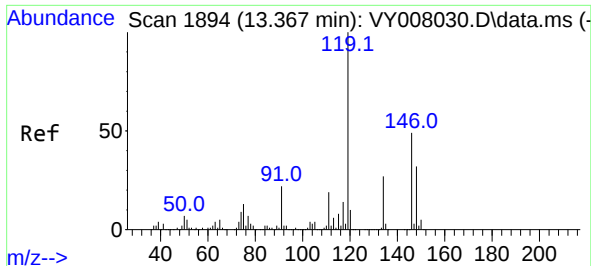
Reviewed By :John Carlone 03/29/2022
 Supervised By :Mahesh Dadoda 03/29/2022



#86
 p-Isopropyltoluene
 Concen: 52.390 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY008058.D
 Acq: 28 Mar 2022 11:02

Tgt Ion:119 Resp: 452467
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.2 39.5
 91 22.5 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 53.010 ug/l

RT: 13.373 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY008058.D

Acq: 28 Mar 2022 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 23225

Ion Ratio Lower Upper

146 100

111 38.1 19.5 58.5

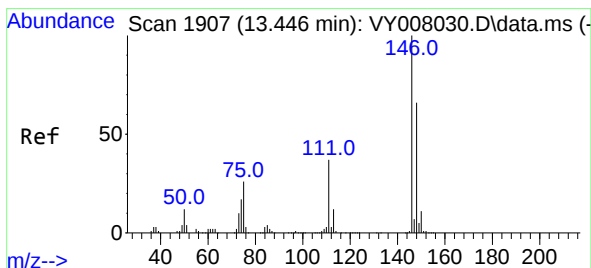
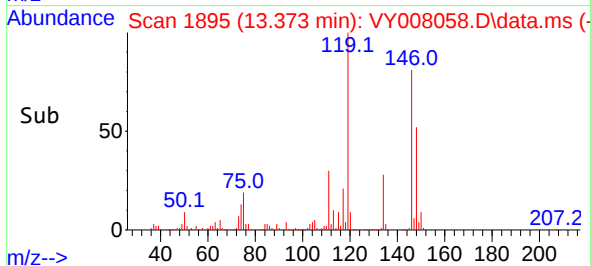
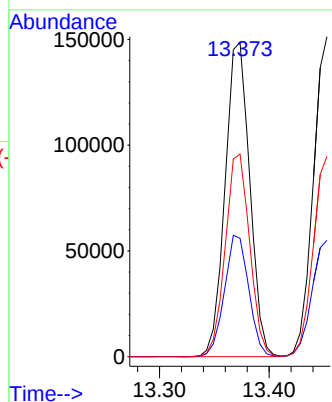
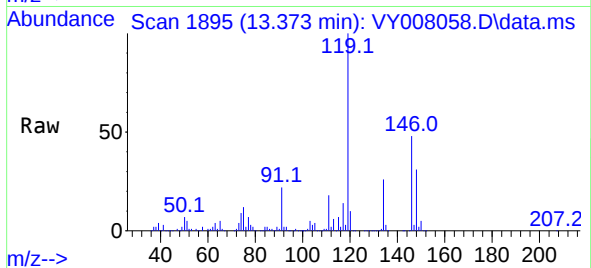
148 63.9 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2022

Supervised By :Mahesh Dadoda 03/29/2022



#88

1,4-Dichlorobenzene

Concen: 52.397 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.007 min

Lab File: VY008058.D

Acq: 28 Mar 2022 11:02

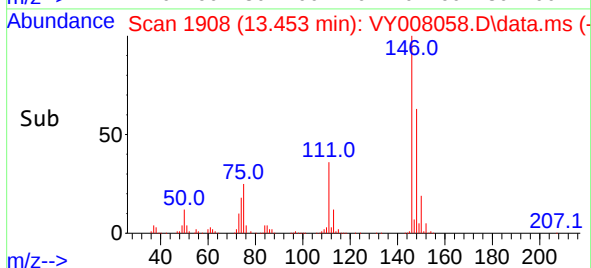
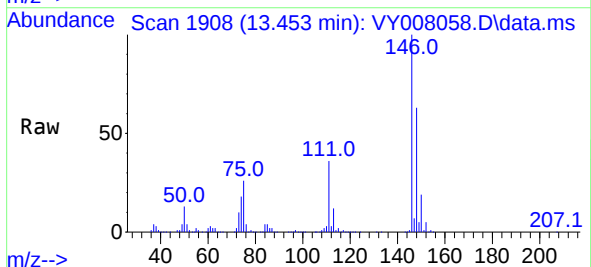
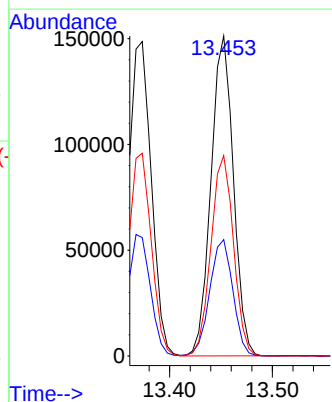
Tgt Ion:146 Resp: 228945

Ion Ratio Lower Upper

146 100

111 37.5 19.3 57.8

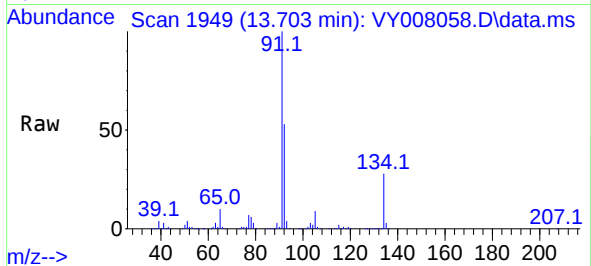
148 63.1 32.6 97.8





#89
n-Butylbenzene
Concen: 51.371 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. 0.007 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

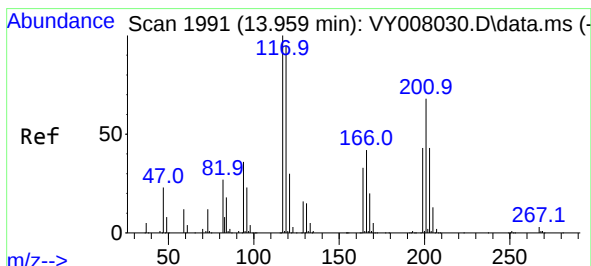
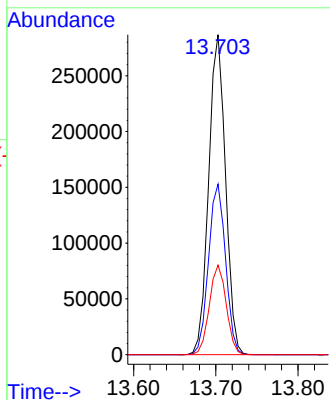
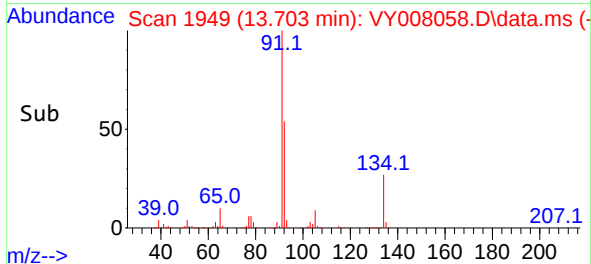
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 408200
Ion Ratio Lower Upper
91 100
92 53.9 26.3 78.9
134 28.1 13.0 38.9

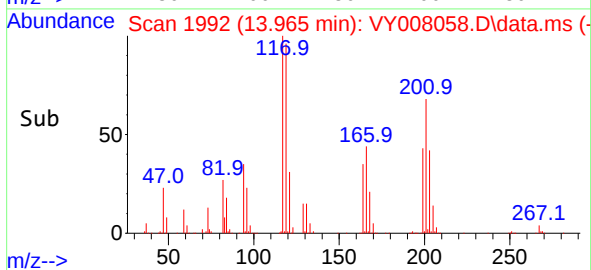
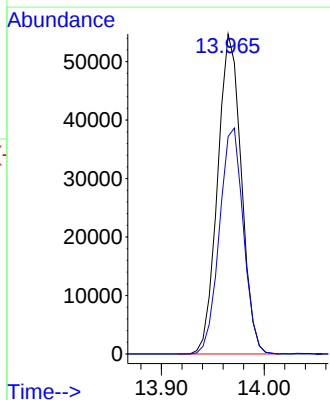
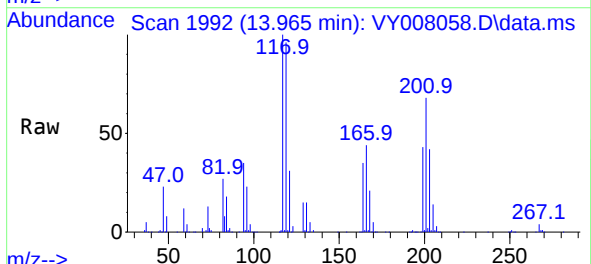
Manual Integrations
APPROVED

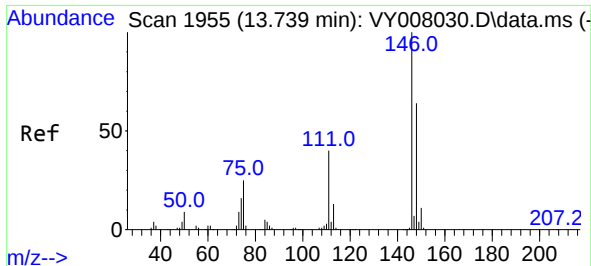
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#90
Hexachloroethane
Concen: 52.299 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

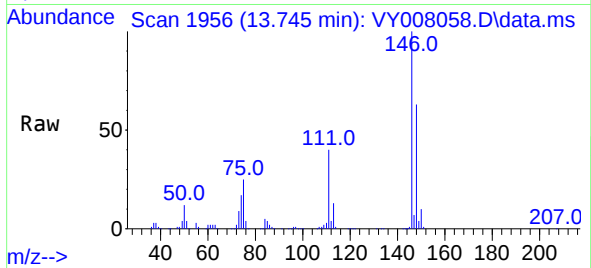
Tgt Ion:117 Resp: 87516
Ion Ratio Lower Upper
117 100
201 71.6 43.0 128.8





#91
1,2-Dichlorobenzene
Concen: 52.473 ug/l
RT: 13.745 min Scan# 1955
Delta R.T. 0.006 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

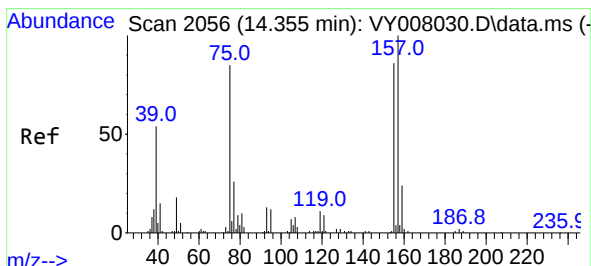
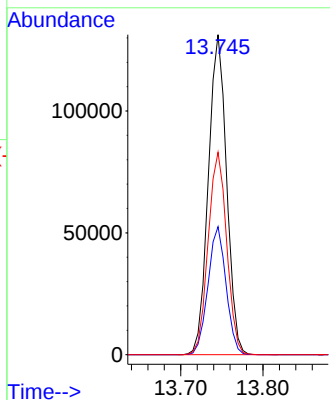
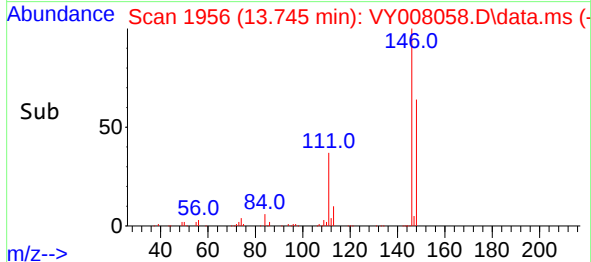
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



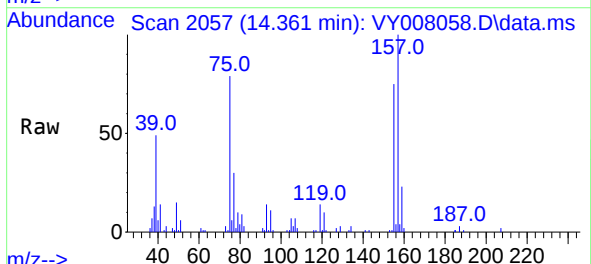
Tgt Ion:146 Resp: 202411
Ion Ratio Lower Upper
146 100
111 39.7 20.3 60.9
148 64.2 32.3 96.9

Manual Integrations
APPROVED

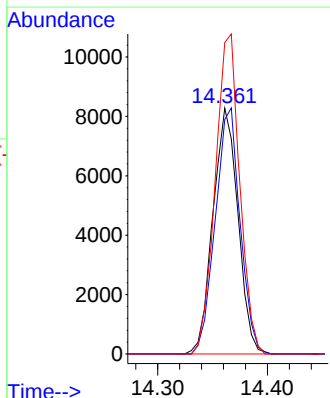
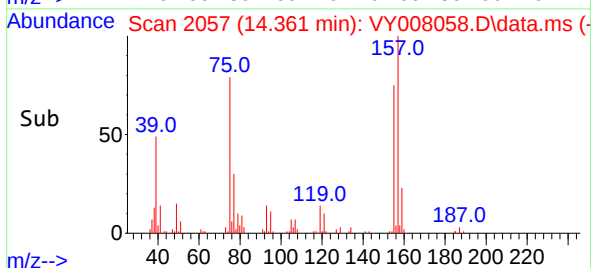
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

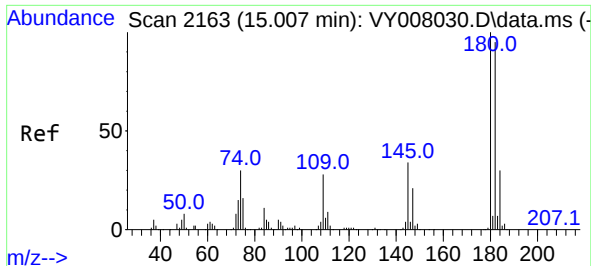


#92
1,2-Dibromo-3-Chloropropane
Concen: 43.860 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02



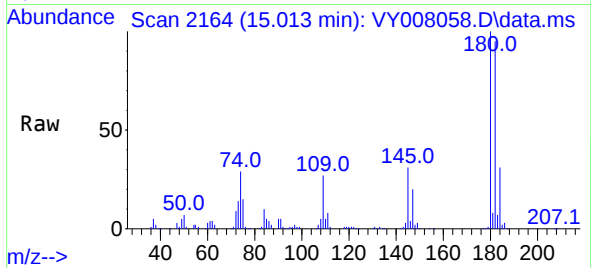
Tgt Ion: 75 Resp: 13107
Ion Ratio Lower Upper
75 100
155 99.3 38.0 113.9
157 127.5 47.8 143.3





#93
1,2,4-Trichlorobenzene
Concen: 48.788 ug/l
RT: 15.013 min Scan# 2164
Delta R.T. 0.006 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

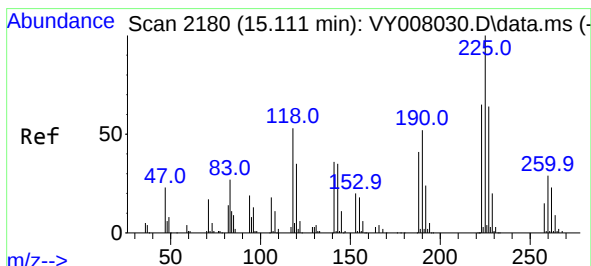
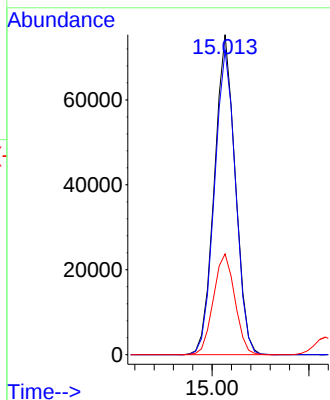
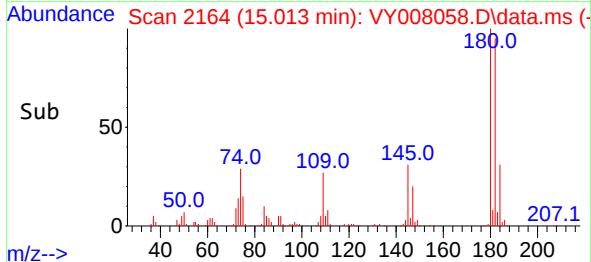
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



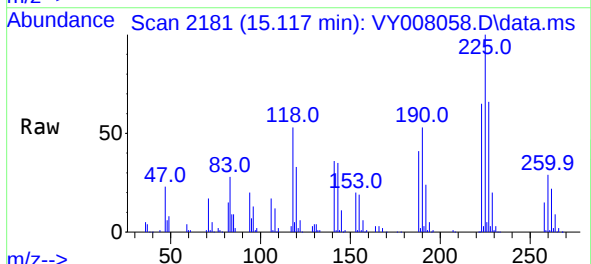
Tgt Ion:180 Resp: 11271
Ion Ratio Lower Upper
180 100
182 95.9 47.3 141.9
145 32.4 14.6 43.8

Manual Integrations
APPROVED

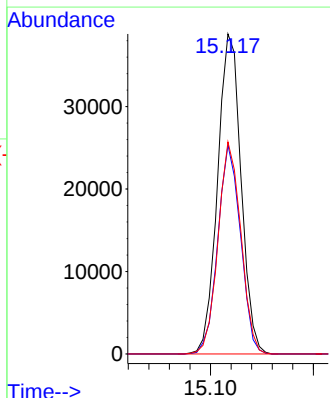
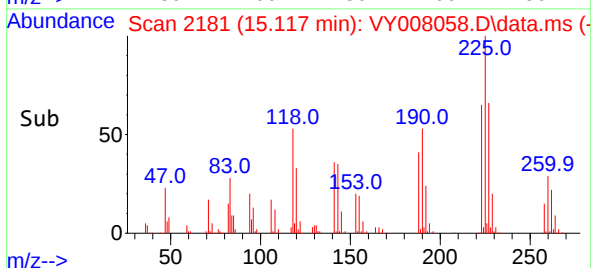
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

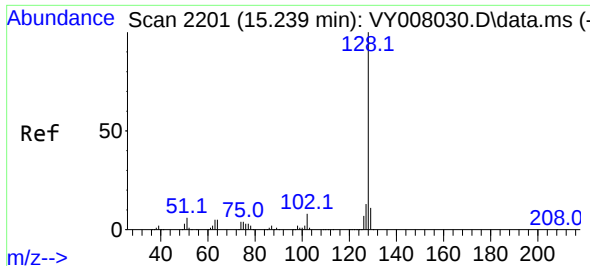


#94
Hexachlorobutadiene
Concen: 50.284 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. 0.006 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02



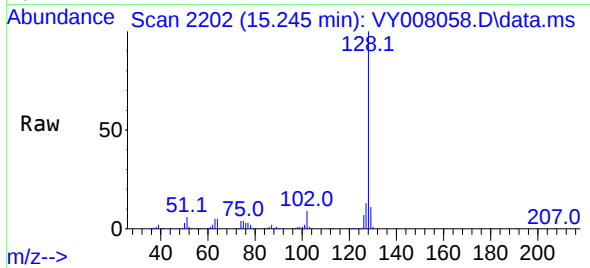
Tgt Ion:225 Resp: 61458
Ion Ratio Lower Upper
225 100
223 63.0 30.8 92.3
227 64.3 31.6 94.7





#95
Naphthalene
Concen: 47.094 ug/l
RT: 15.245 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

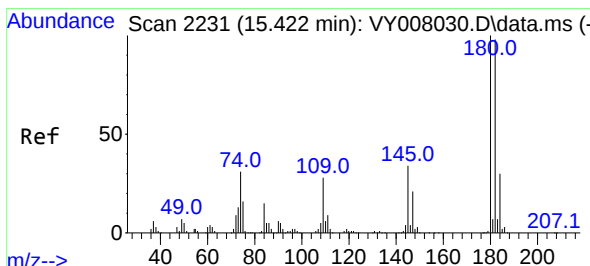
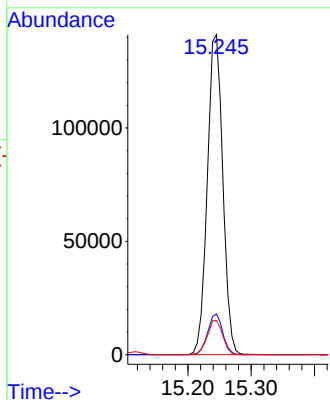
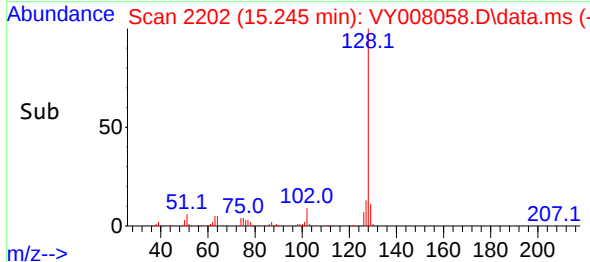
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 240498
Ion Ratio Lower Upper
128 100
127 12.4 11.0 16.4
129 10.7 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#96
1,2,3-Trichlorobenzene
Concen: 48.756 ug/l
RT: 15.434 min Scan# 2233
Delta R.T. 0.012 min
Lab File: VY008058.D
Acq: 28 Mar 2022 11:02

Tgt Ion:180 Resp: 97465
Ion Ratio Lower Upper
180 100
182 94.6 47.3 141.9
145 33.5 15.3 45.9

