

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070622\
 Data File : VY009445.D
 Acq On : 06 Jul 2022 11:17
 Operator : KP/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 07/07/2022
 Supervised By : Mahesh Dadoda 07/07/2022

Quant Time: Jul 07 01:47:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	161370	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	257430	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	240928	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	127777	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	63478	49.112	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.220%		
35) Dibromofluoromethane	7.710	113	69130	48.792	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.580%		
50) Toluene-d8	10.173	98	213619	49.175	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery =	98.360%		
62) 4-Bromofluorobenzene	12.477	95	110114	53.447	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery =	106.900%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	56161	42.274	ug/l	98
3) Chloromethane	2.107	50	59481	41.149	ug/l	95
4) Vinyl Chloride	2.247	62	73687	44.066	ug/l	99
5) Bromomethane	2.637	94	45132	42.061	ug/l	98
6) Chloroethane	2.784	64	40116	44.994	ug/l	99
7) Trichlorofluoromethane	3.119	101	102784	46.330	ug/l	96
8) Diethyl Ether	3.521	74	41728	48.139	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.893	101	72320	45.476	ug/l	97
10) Methyl Iodide	4.082	142	86854	49.755	ug/l	92
11) Tert butyl alcohol	4.936	59	47365	222.257	ug/l	99
12) 1,1-Dichloroethene	3.857	96	65565	45.198	ug/l	89
13) Acrolein	3.723	56	20150	186.791	ug/l	100
14) Allyl chloride	4.466	41	124509	46.843	ug/l	95
15) Acrylonitrile	5.149	53	115540	235.290	ug/l	100
16) Acetone	3.936	43	94082	221.639	ug/l	96
17) Carbon Disulfide	4.186	76	161475	40.017	ug/l	99
18) Methyl Acetate	4.466	43	55566	50.677	ug/l	96
19) Methyl tert-butyl Ether	5.204	73	217909	50.089	ug/l	100
20) Methylene Chloride	4.704	84	84854	42.782	ug/l	89
21) trans-1,2-Dichloroethene	5.210	96	79630	45.851	ug/l	93
22) Diisopropyl ether	6.106	45	301467	53.743	ug/l	94
23) Vinyl Acetate	6.051	43	944126	268.680	ug/l	95
24) 1,1-Dichloroethane	6.009	63	154028	48.839	ug/l #	97
25) 2-Butanone	6.978	43	160191	238.036	ug/l #	87
26) 2,2-Dichloropropane	6.972	77	140812	47.174	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	98688	48.913	ug/l	90
28) Bromochloromethane	7.326	49	71415	52.736	ug/l	91
29) Tetrahydrofuran	7.344	42	107321	248.743	ug/l	94
30) Chloroform	7.496	83	162263	50.059	ug/l	99
31) Cyclohexane	7.777	56	127716	43.931	ug/l	98
32) 1,1,1-Trichloroethane	7.691	97	141074	48.601	ug/l	98
36) 1,1-Dichloropropene	7.911	75	117071	47.257	ug/l	97
37) Ethyl Acetate	7.063	43	71833	48.895	ug/l	96
38) Carbon Tetrachloride	7.893	117	126366	48.801	ug/l	98
39) Methylcyclohexane	9.179	83	137155	46.779	ug/l	93
40) Benzene	8.155	78	351749	48.553	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	40004	48.199	ug/l #	41
42) 1,2-Dichloroethane	8.228	62	102199	49.177	ug/l	92
43) Isopropyl Acetate	8.264	43	138499	51.347	ug/l	94
44) Trichloroethene	8.935	130	97213	48.294	ug/l	96
45) 1,2-Dichloropropane	9.209	63	93654	51.035	ug/l	97
46) Dibromomethane	9.301	93	51620	49.101	ug/l	98
47) Bromodichloromethane	9.490	83	124008	49.809	ug/l	99
48) Methyl methacrylate	9.289	41	60434	51.973	ug/l	91
49) 1,4-Dioxane	9.295	88	13634	930.355	ug/l	90
51) 4-Methyl-2-Pentanone	10.063	43	364113	261.817	ug/l	93
52) Toluene	10.240	92	231828	50.719	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	136096	54.647	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	148925	50.083	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	76772	54.888	ug/l	97
56) Ethyl methacrylate	10.508	69	105520	59.104	ug/l #	86
57) 1,3-Dichloropropane	10.788	76	126637	51.108	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	274107	277.298	ug/l	98
59) 2-Hexanone	10.825	43	251932	262.241	ug/l	91
60) Dibromochloromethane	10.983	129	92594	52.310	ug/l	99
61) 1,2-Dibromoethane	11.087	107	70478	50.189	ug/l	99
64) Tetrachloroethene	10.715	164	111211	49.581	ug/l	97
65) Chlorobenzene	11.514	112	254998	49.465	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	96894	51.241	ug/l	97
67) Ethyl Benzene	11.587	91	454663	50.840	ug/l	98
68) m/p-Xylenes	11.703	106	354777	99.211	ug/l	94
69) o-Xylene	12.026	106	173838	51.512	ug/l	91
70) Styrene	12.044	104	291981	52.220	ug/l	96
71) Bromoform	12.203	173	61421	51.694	ug/l #	98
73) Isopropylbenzene	12.325	105	455262	48.238	ug/l	98
74) N-amyl acetate	12.142	43	123552	49.907	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	86594	47.366	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	63630m	42.523	ug/l	
77) Bromobenzene	12.605	156	108018	48.012	ug/l	95
78) n-propylbenzene	12.672	91	559648	48.747	ug/l	98
79) 2-Chlorotoluene	12.751	91	314526	48.536	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	385425	48.834	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	32433	48.258	ug/l #	84
82) 4-Chlorotoluene	12.855	91	323448	48.030	ug/l	97
83) tert-Butylbenzene	13.075	119	342498	51.650	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	382241	50.965	ug/l	98
85) sec-Butylbenzene	13.251	105	512689	51.333	ug/l	98
86) p-Isopropyltoluene	13.367	119	424046	50.490	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	216384	48.682	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	215994	47.224	ug/l	99
89) n-Butylbenzene	13.702	91	398718	50.526	ug/l	98
90) Hexachloroethane	13.965	117	83057	49.879	ug/l	88
91) 1,2-Dichlorobenzene	13.745	146	196012	48.622	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	14494	47.304	ug/l	80
93) 1,2,4-Trichlorobenzene	15.007	180	121404	50.733	ug/l	99
94) Hexachlorobutadiene	15.117	225	65954	49.096	ug/l	98
95) Naphthalene	15.239	128	251274	52.445	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	107547	51.730	ug/l	99

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ClientSampleId :
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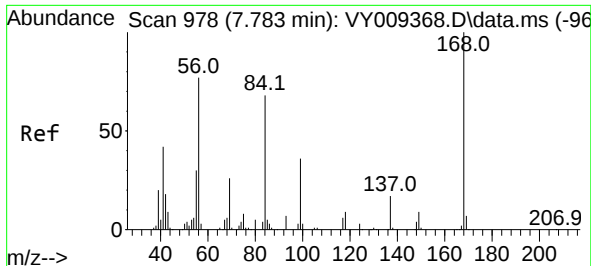
Manual Integrations
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Response via : Initial Calibration

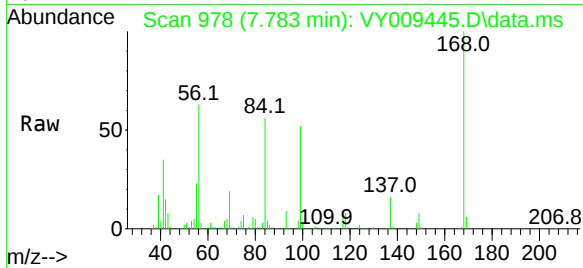
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009445.D
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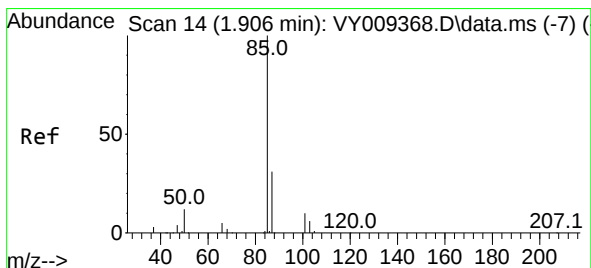
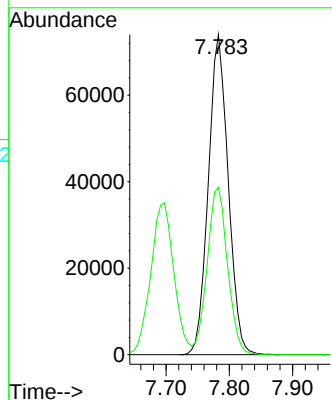
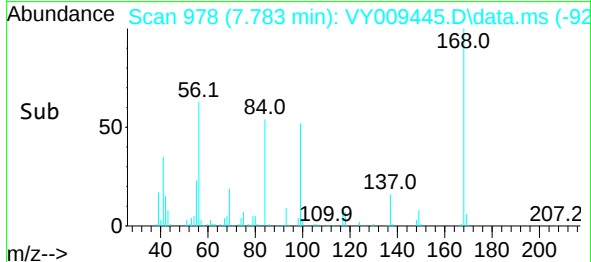
Instrument :
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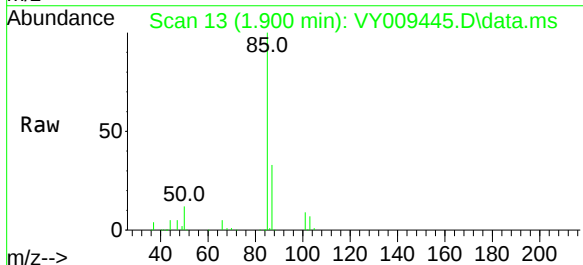
Tgt Ion:168 Resp: 161370
Ion Ratio Lower Upper
168 100
99 52.3 46.9 70.3

Manual Integrations
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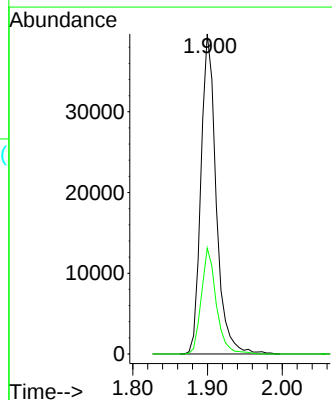
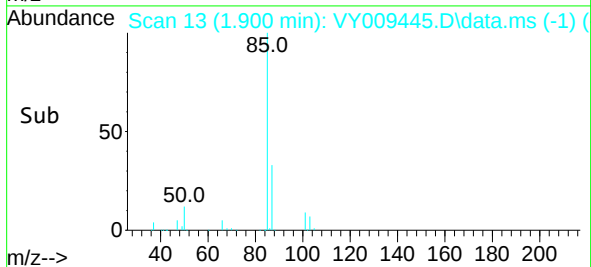
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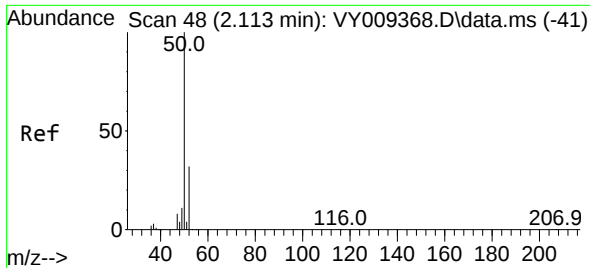


#2
Dichlorodifluoromethane
Concen: 42.274 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17



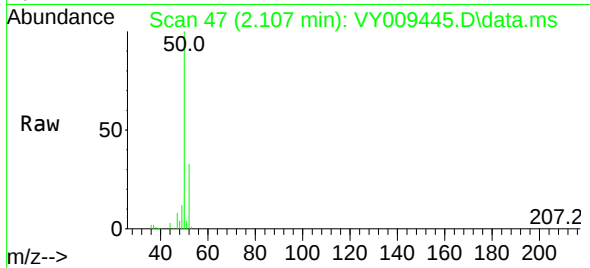
Tgt Ion: 85 Resp: 56161
Ion Ratio Lower Upper
85 100
87 33.1 16.1 48.2





#3
Chloromethane
Concen: 41.149 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17

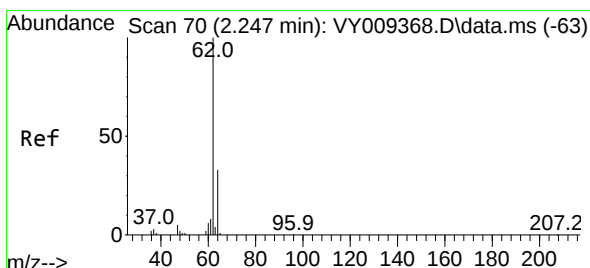
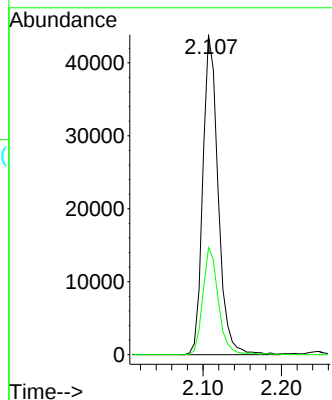
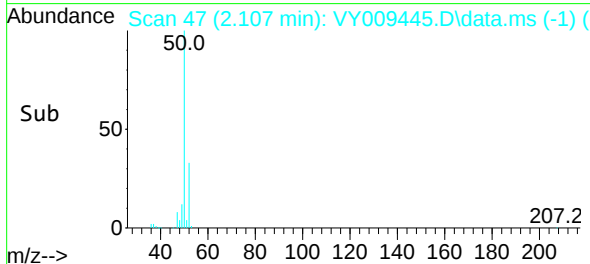
Instrument :
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Tgt Ion: 50 Resp: 5948
Ion Ratio Lower Upper
50 100
52 33.4 24.6 37.0

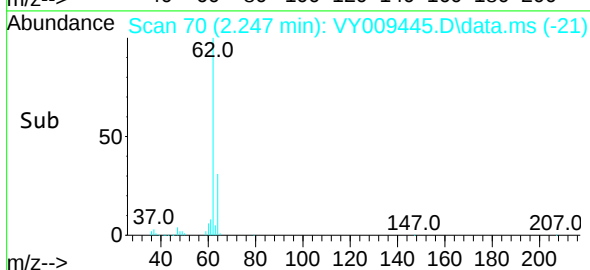
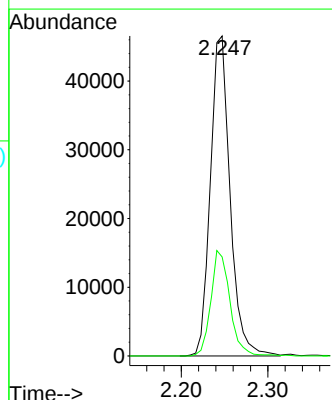
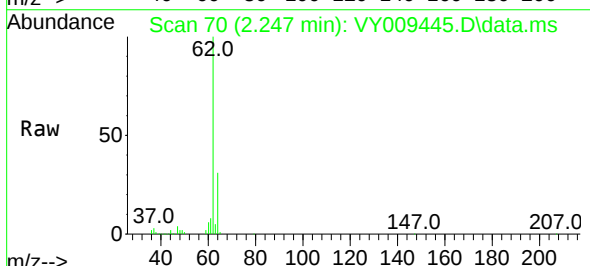
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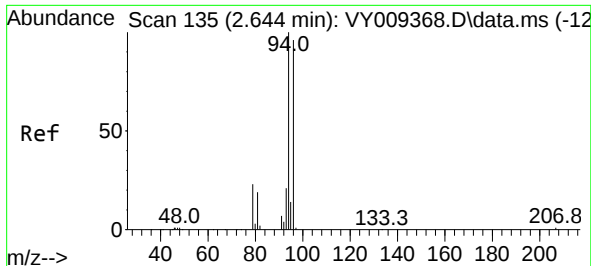
Reviewed By :John Carlone 07/07/2022
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#4
Vinyl Chloride
Concen: 44.066 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17

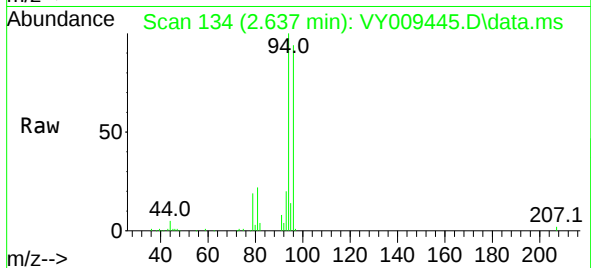
Tgt Ion: 62 Resp: 73687
Ion Ratio Lower Upper
62 100
64 31.0 25.0 37.6





#5
Bromomethane
Concen: 42.061 ug/l
RT: 2.637 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17

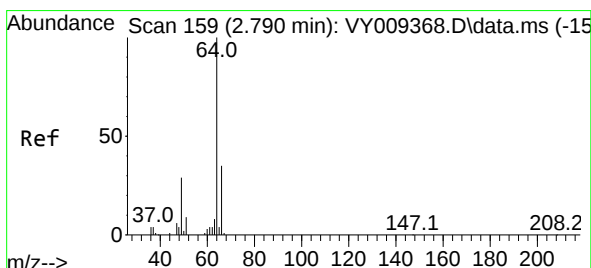
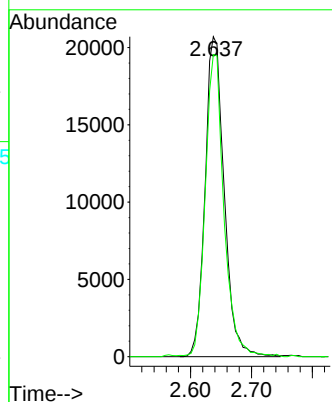
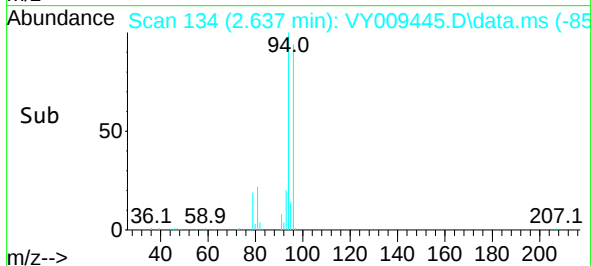
Instrument :
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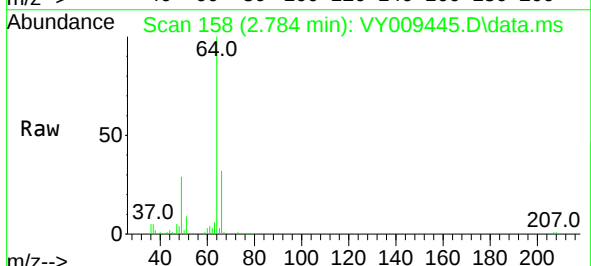
Tgt Ion: 94 Resp: 4513
Ion Ratio Lower Upper
94 100
96 94.1 73.5 110.3

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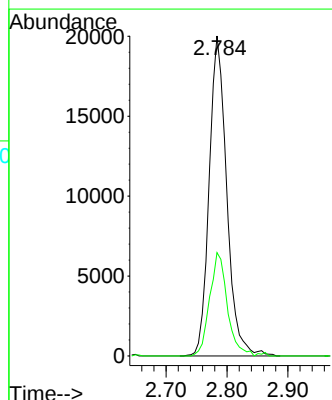
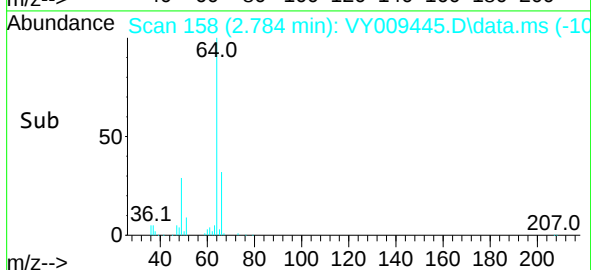
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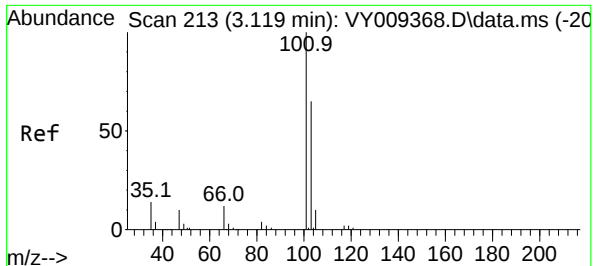


#6
Chloroethane
Concen: 44.994 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY009445.D
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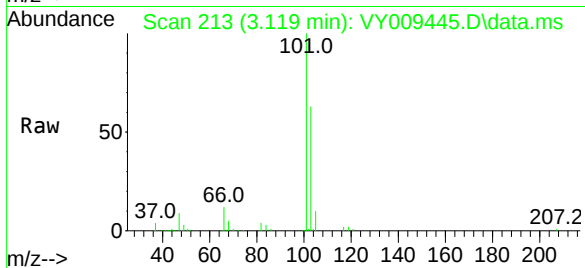
Tgt Ion: 64 Resp: 40116
Ion Ratio Lower Upper
64 100
66 32.3 25.4 38.0





#7
Trichlorofluoromethane
Concen: 46.330 ug/l
RT: 3.119 min Scan# 213
Delta R.T. -0.000 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17

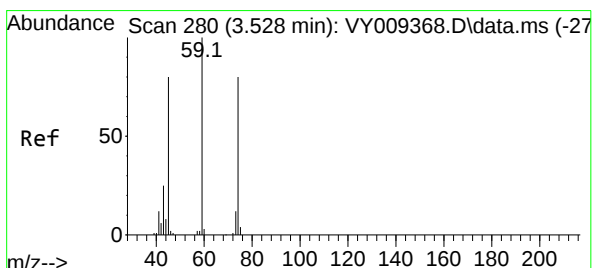
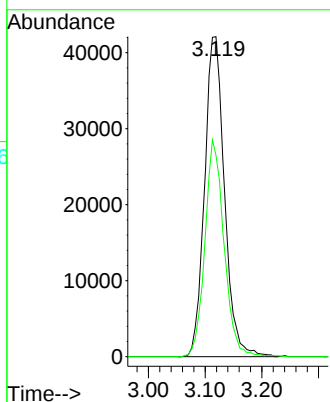
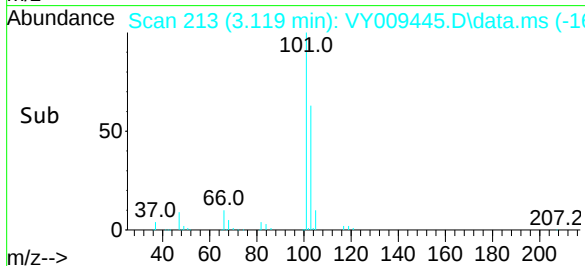
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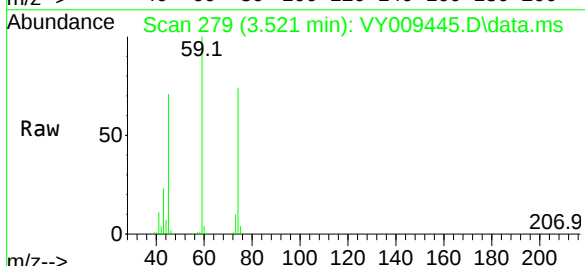
Tgt Ion:101 Resp: 102784
Ion Ratio Lower Upper
101 100
103 62.9 48.0 72.0

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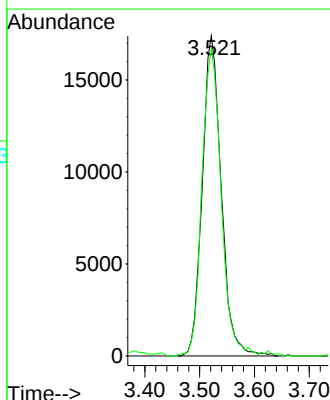
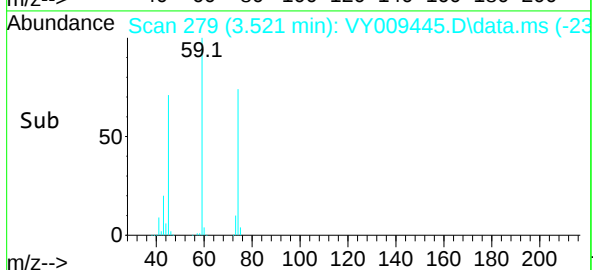
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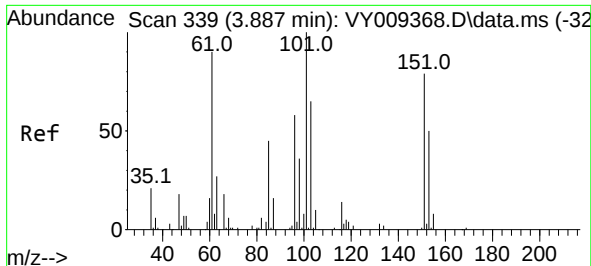


#8
Diethyl Ether
Concen: 48.139 ug/l
RT: 3.521 min Scan# 279
Delta R.T. 0.000 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17



Tgt Ion: 74 Resp: 41728
Ion Ratio Lower Upper
74 100
45 97.1 55.1 165.5





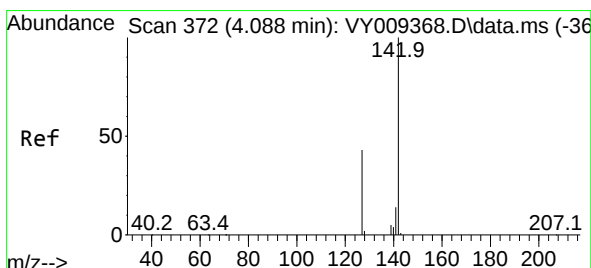
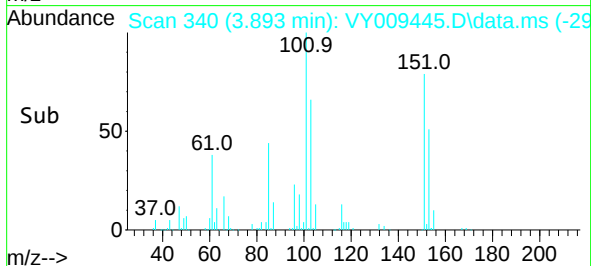
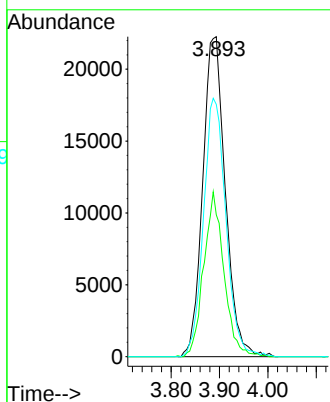
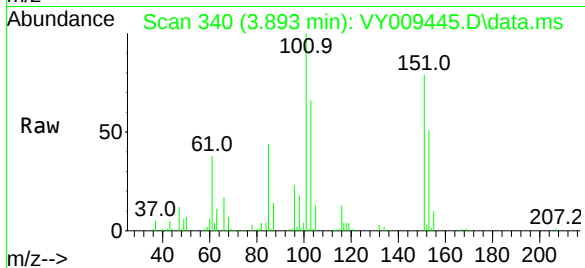
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.476 ug/l
RT: 3.893 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 72320
Ion Ratio Lower Upper
101 100
85 46.0 40.6 60.8
151 80.2 64.9 97.3

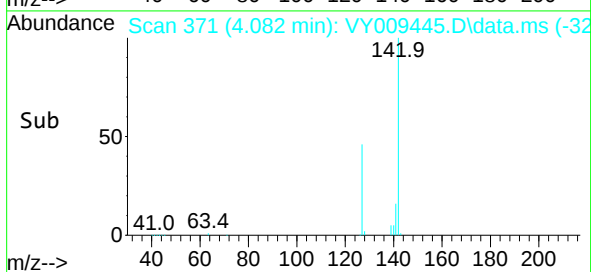
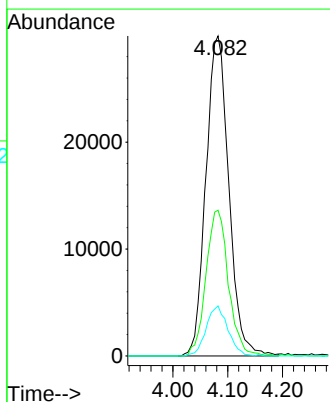
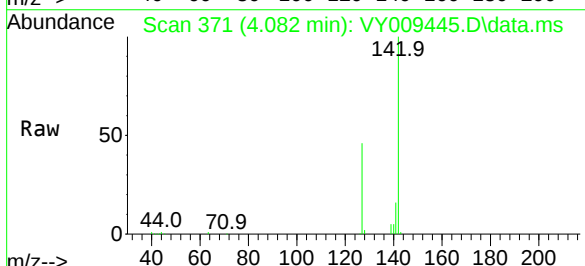
Manual Integrations
APPROVED

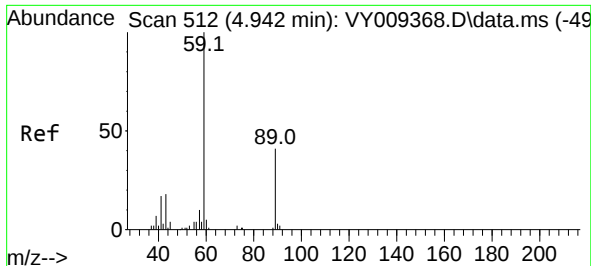
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#10
Methyl Iodide
Concen: 49.755 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17

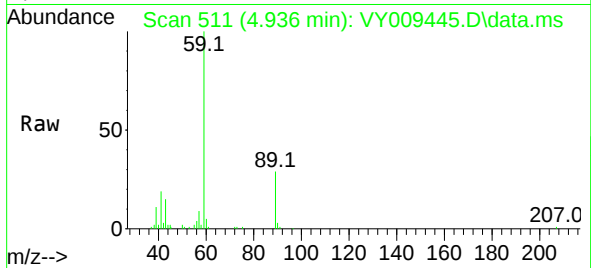
Tgt Ion:142 Resp: 86854
Ion Ratio Lower Upper
142 100
127 44.7 41.5 62.3
141 14.8 11.9 17.9





#11
Tert butyl alcohol
Concen: 222.257 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17

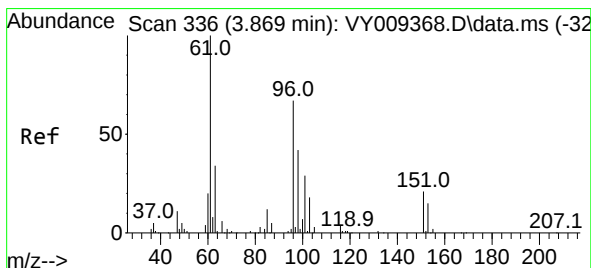
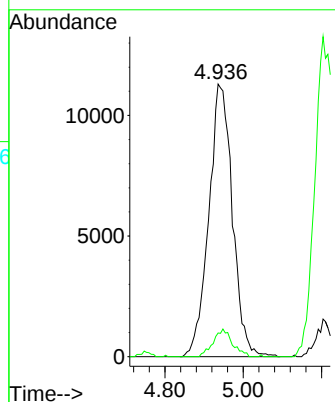
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



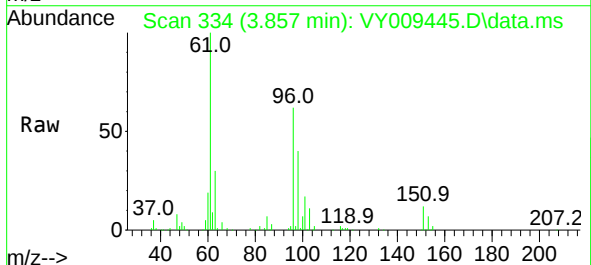
Tgt Ion: 59 Resp: 4736
Ion Ratio Lower Upper
59 100
57 8.2 6.4 9.6

Manual Integrations
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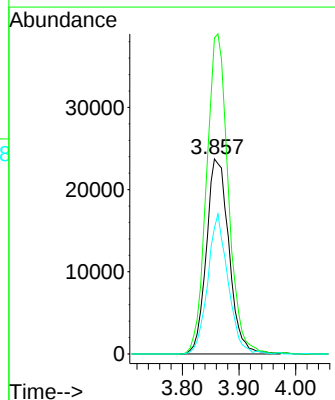
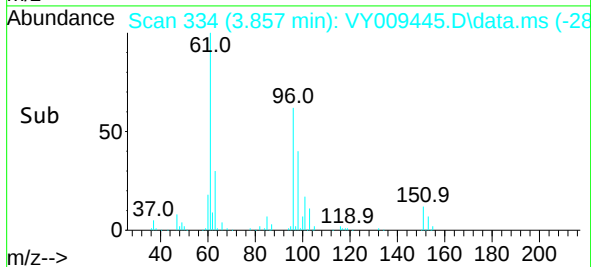
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

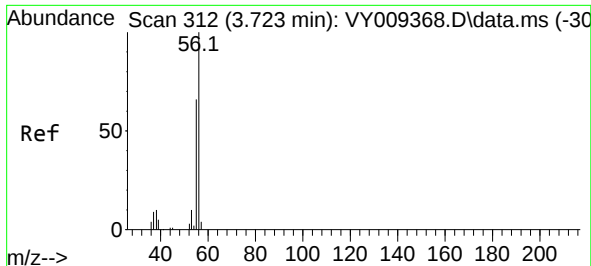


#12
1,1-Dichloroethene
Concen: 45.198 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17



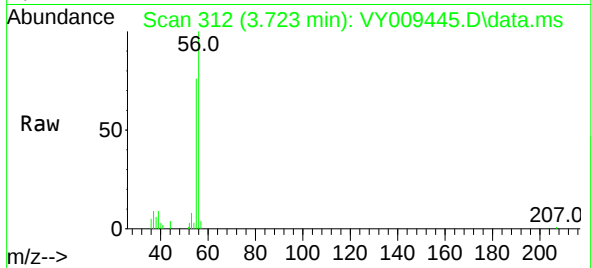
Tgt Ion: 96 Resp: 65565
Ion Ratio Lower Upper
96 100
61 162.2 145.8 218.6
98 64.7 52.5 78.7





#13
Acrolein
Concen: 186.791 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17

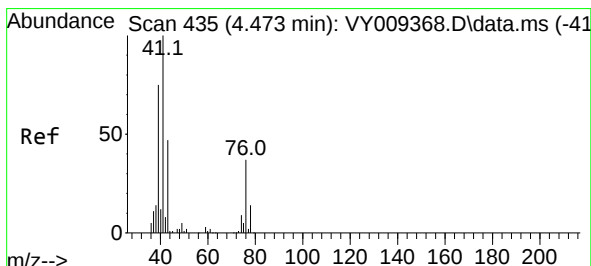
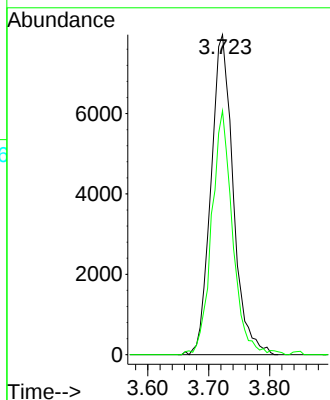
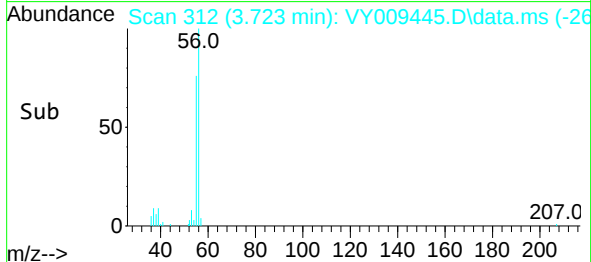
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



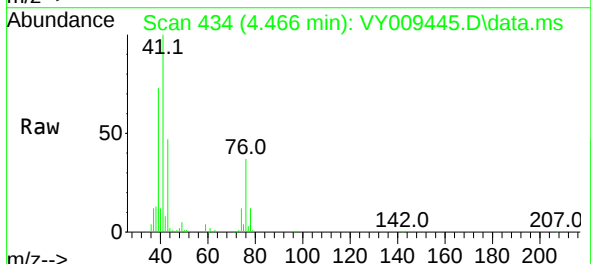
Tgt Ion: 56 Resp: 20150
Ion Ratio Lower Upper
56 100
55 71.9 57.6 86.4

Manual Integrations
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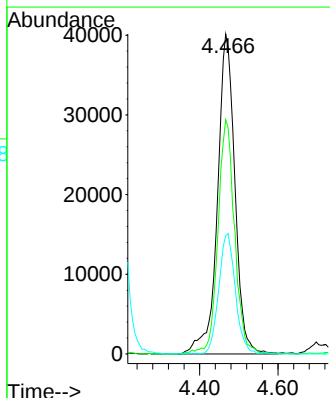
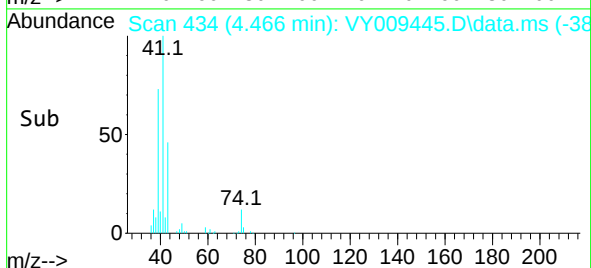
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

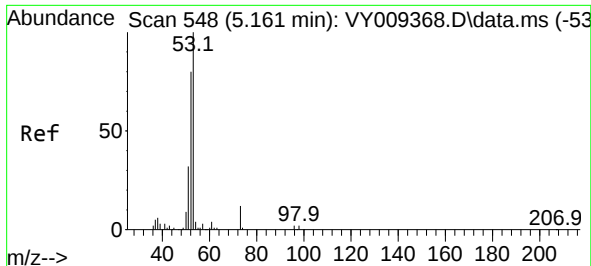


#14
Allyl chloride
Concen: 46.843 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.007 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17



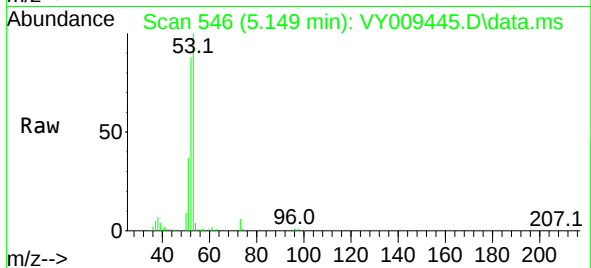
Tgt Ion: 41 Resp: 124509
Ion Ratio Lower Upper
41 100
39 69.8 58.8 88.2
76 35.8 25.1 37.7





#15
Acrylonitrile
Concen: 235.290 ug/l
RT: 5.149 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17

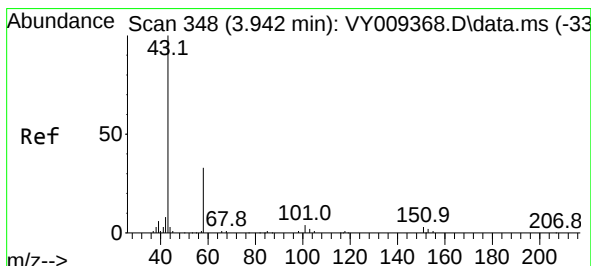
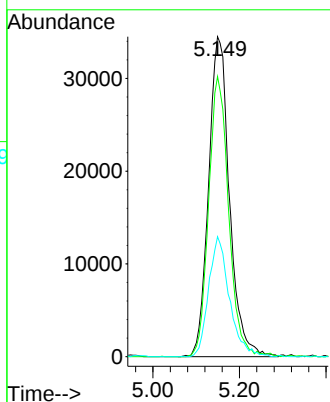
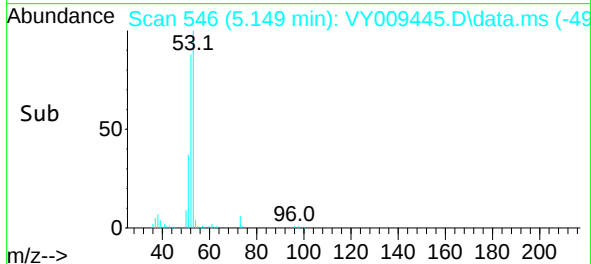
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



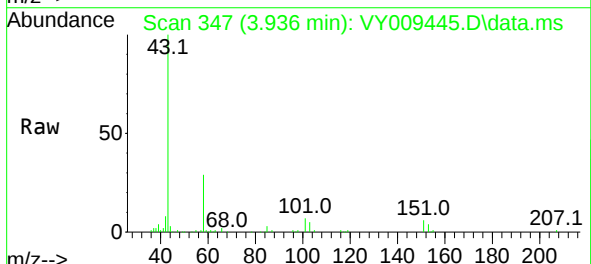
Tgt Ion: 53 Resp: 115540
Ion Ratio Lower Upper
53 100
52 83.8 67.0 100.4
51 37.4 29.8 44.6

Manual Integrations
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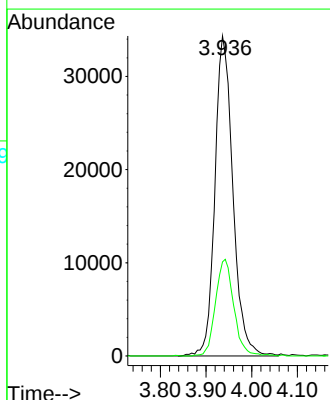
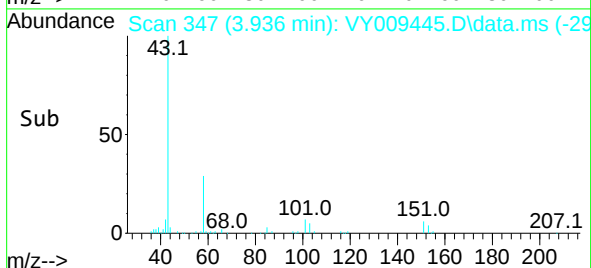
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

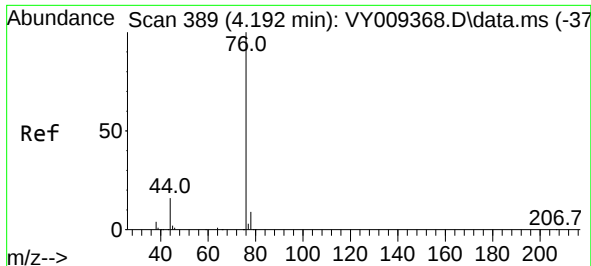


#16
Acetone
Concen: 221.639 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17



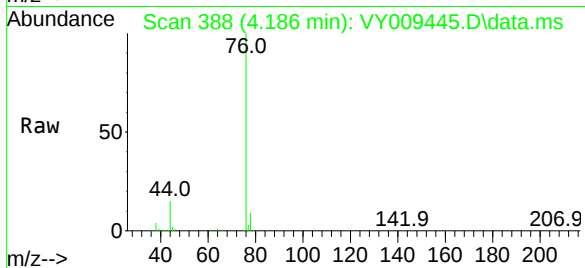
Tgt Ion: 43 Resp: 94082
Ion Ratio Lower Upper
43 100
58 29.4 22.0 33.0





#17
Carbon Disulfide
Concen: 40.017 ug/l
RT: 4.186 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17

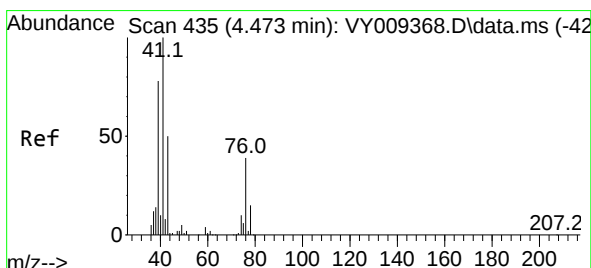
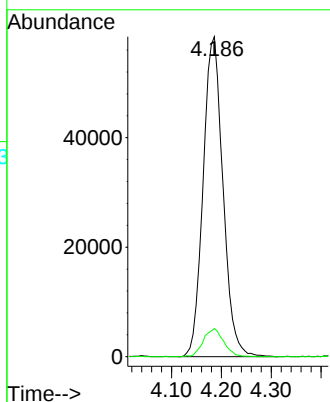
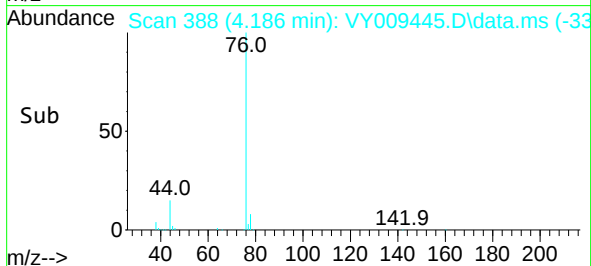
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 161475
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

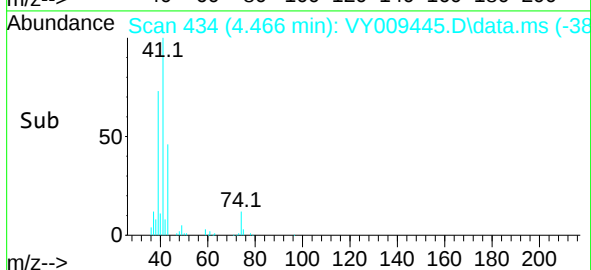
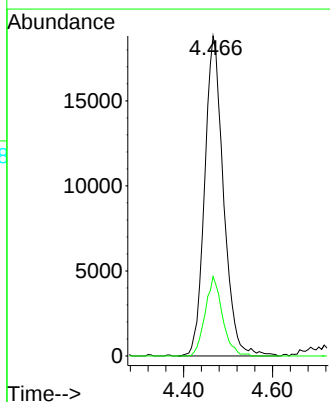
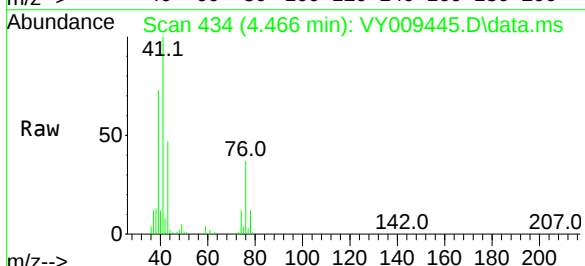
Manual Integrations
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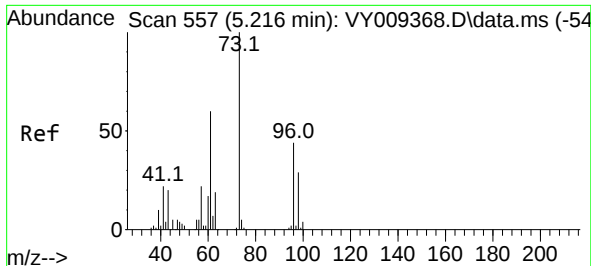
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#18
Methyl Acetate
Concen: 50.677 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.007 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17

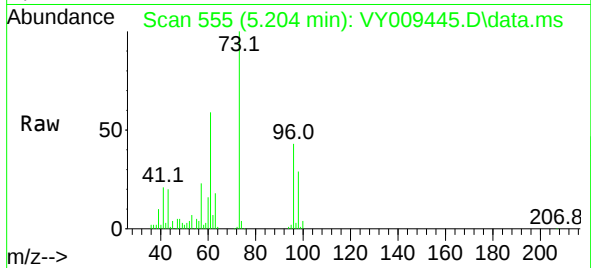
Tgt Ion: 43 Resp: 55566
Ion Ratio Lower Upper
43 100
74 22.7 16.6 24.8





#19
Methyl tert-butyl Ether
Concen: 50.089 ug/l
RT: 5.204 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17

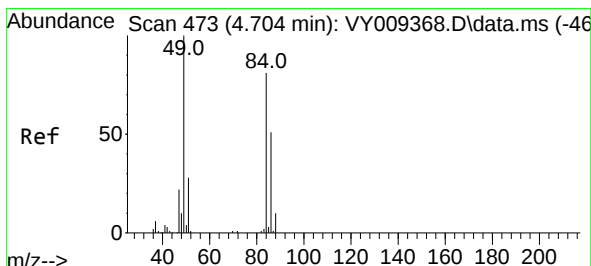
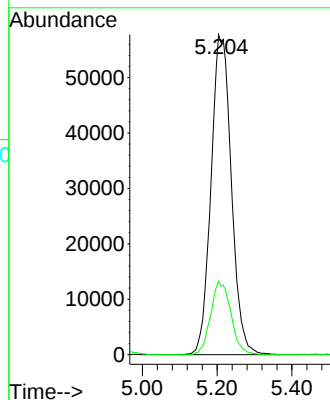
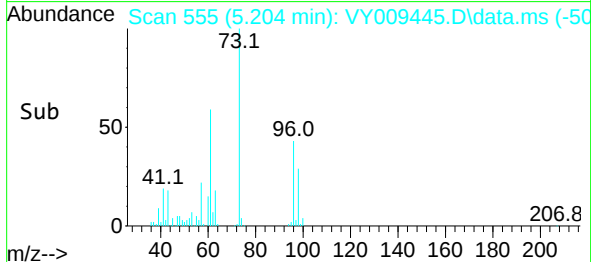
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 217909
Ion Ratio Lower Upper
73 100
57 23.0 18.6 27.8

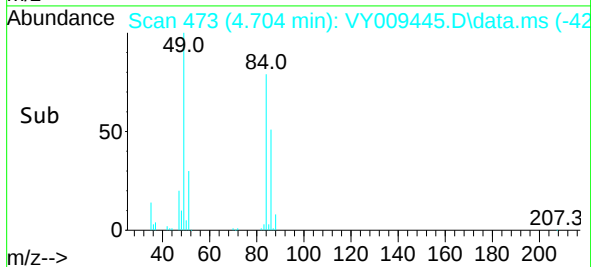
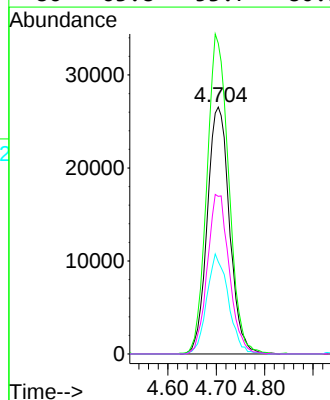
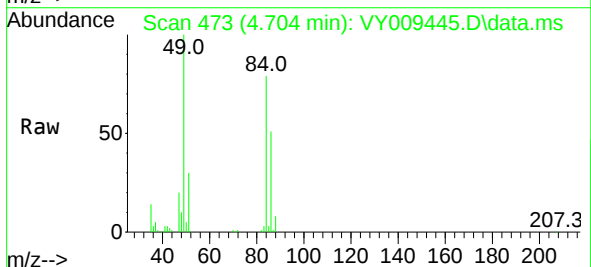
Manual Integrations
APPROVED

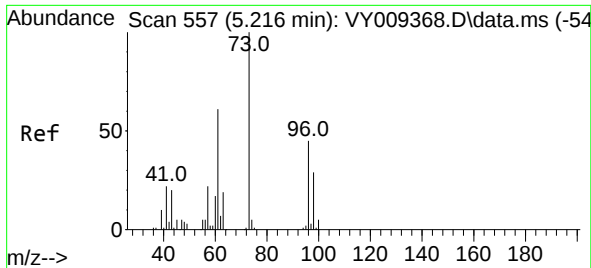
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#20
Methylene Chloride
Concen: 42.782 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17

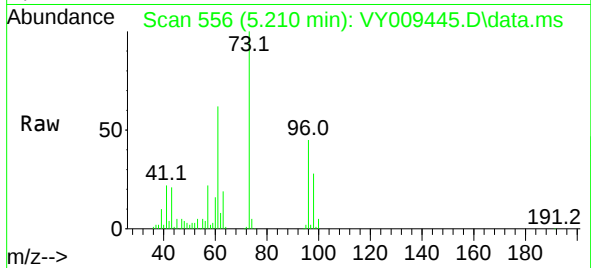
Tgt Ion: 84 Resp: 84854
Ion Ratio Lower Upper
84 100
49 125.6 114.4 171.6
51 37.3 35.3 52.9
86 63.8 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 45.851 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17

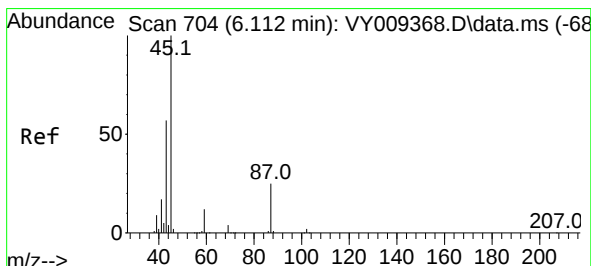
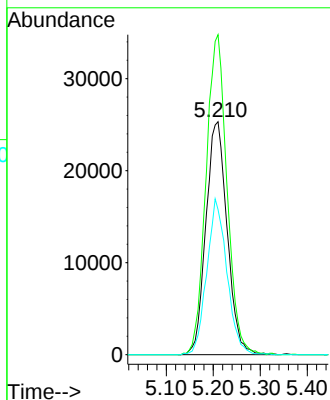
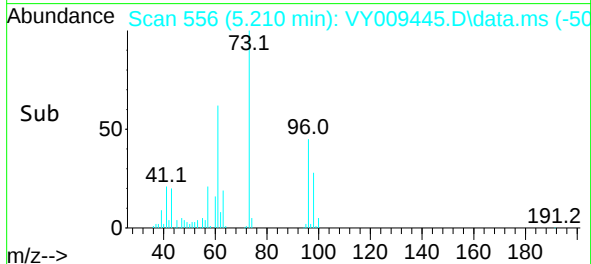
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



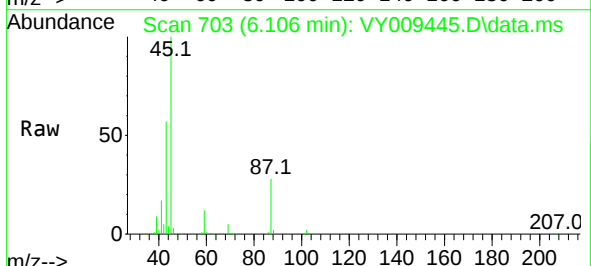
Tgt Ion: 96 Resp: 79630
Ion Ratio Lower Upper
96 100
61 137.3 120.5 180.7
98 62.3 49.8 74.8

Manual Integrations
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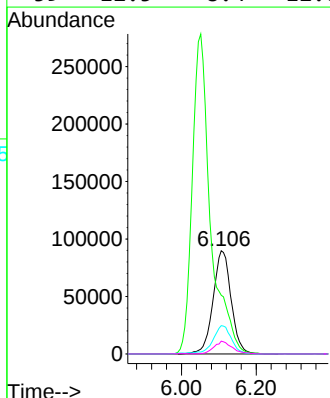
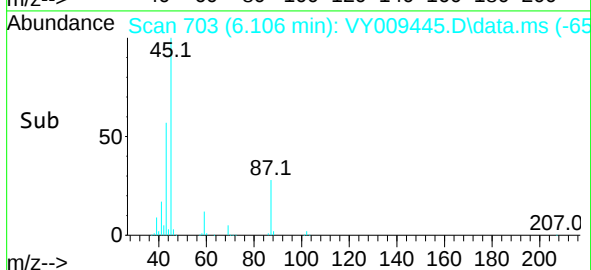
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

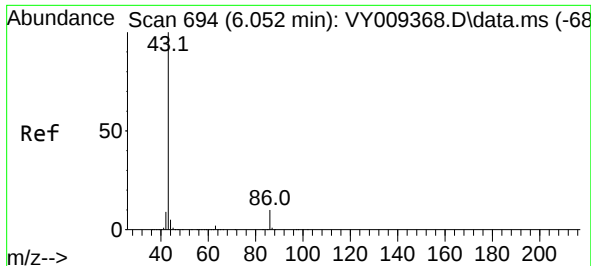


#22
Diisopropyl ether
Concen: 53.743 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.006 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17



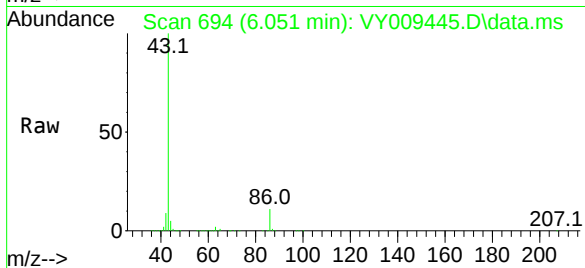
Tgt Ion: 45 Resp: 301467
Ion Ratio Lower Upper
45 100
43 56.7 49.3 73.9
87 27.5 19.2 28.8
59 12.5 8.4 12.6





#23
 Vinyl Acetate
 Concen: 268.680 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY009445.D
 Acq: 06 Jul 2022 11:17

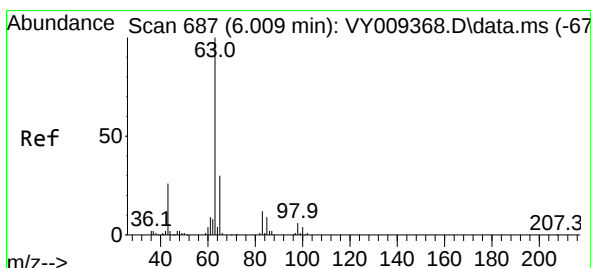
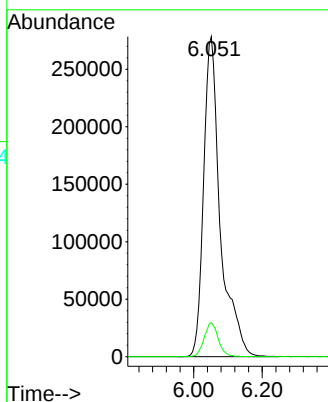
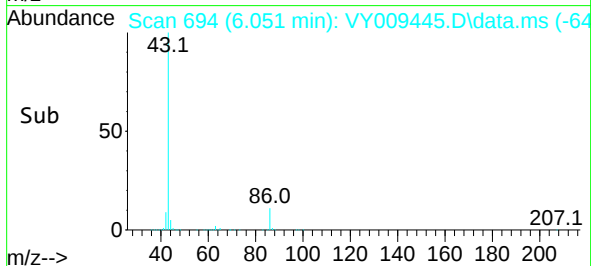
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 944120
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.1 10.7

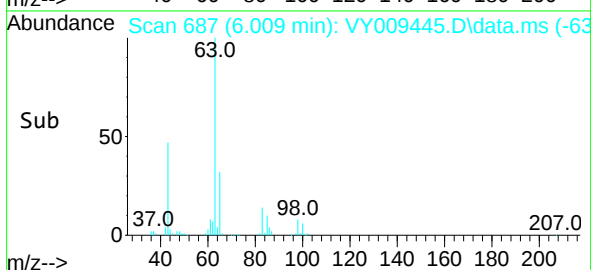
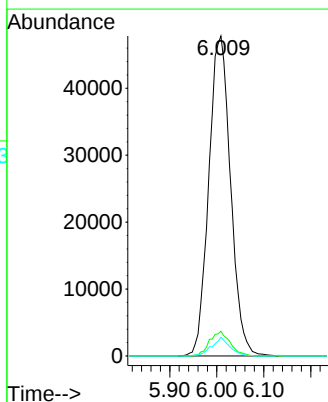
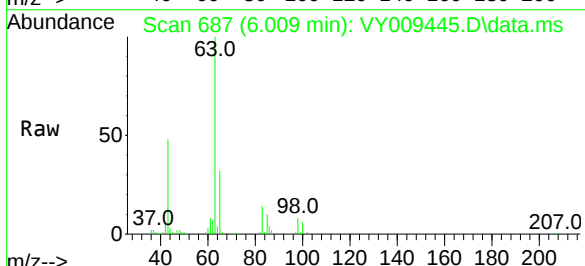
Manual Integrations
 APPROVED

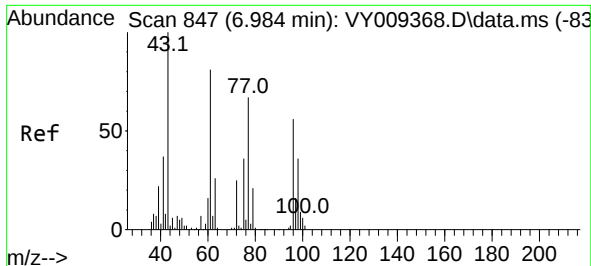
Reviewed By :John Carlone 07/07/2022
 Supervised By :Mahesh Dadoda 07/07/2022



#24
 1,1-Dichloroethane
 Concen: 48.839 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY009445.D
 Acq: 06 Jul 2022 11:17

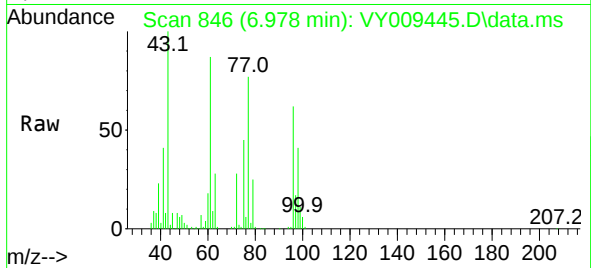
Tgt Ion: 63 Resp: 154028
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.6 10.8
 100 5.9 2.0 5.8#





#25
2-Butanone
Concen: 238.036 ug/l
RT: 6.978 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17

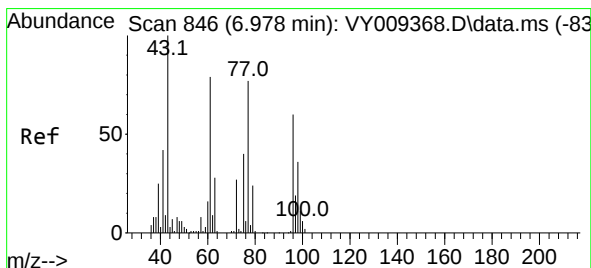
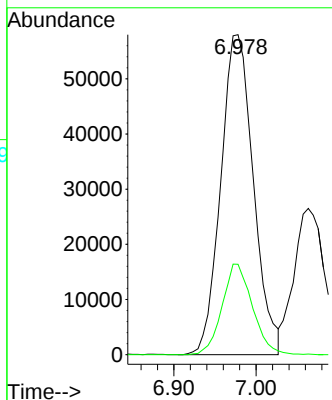
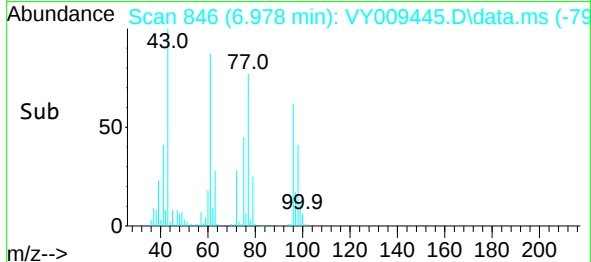
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 16019
Ion Ratio Lower Upper
43 100
72 28.3 17.7 26.5

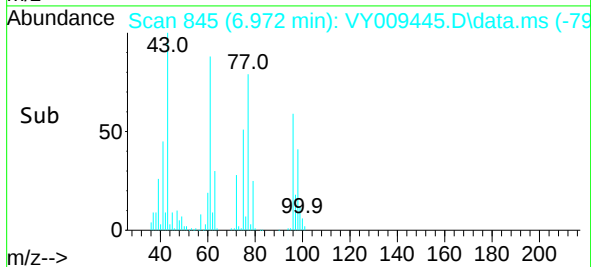
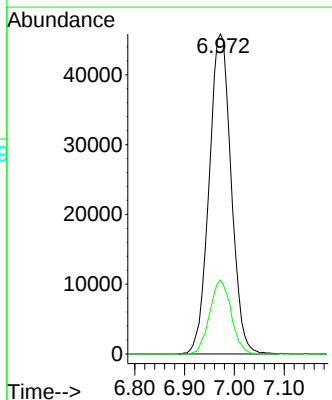
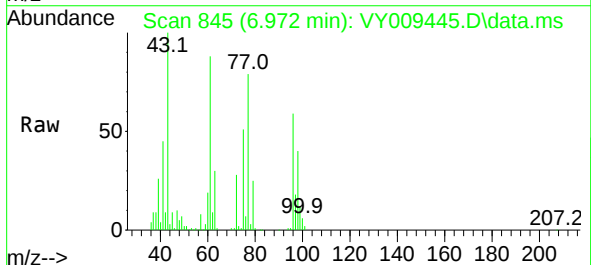
Manual Integrations
APPROVED

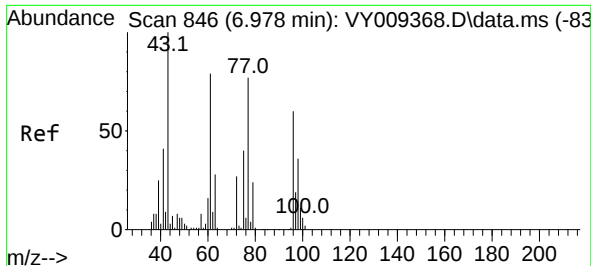
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#26
2,2-Dichloropropane
Concen: 47.174 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17

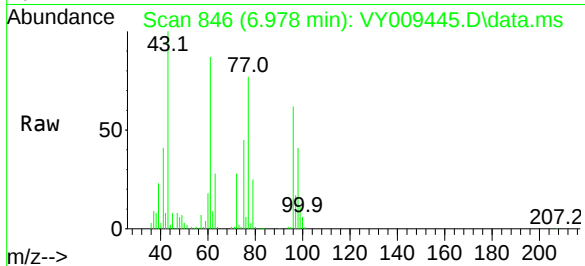
Tgt Ion: 77 Resp: 140812
Ion Ratio Lower Upper
77 100
97 22.4 10.4 31.4





#27
cis-1,2-Dichloroethene
Concen: 48.913 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17

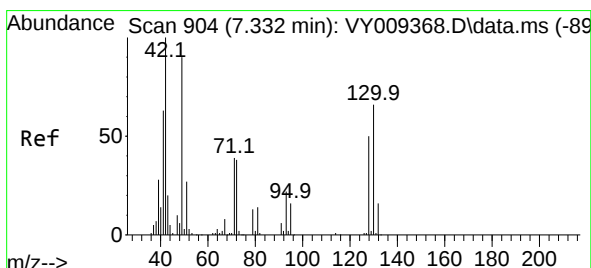
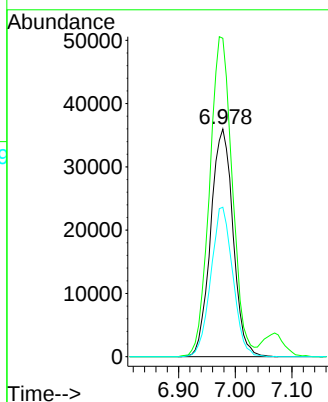
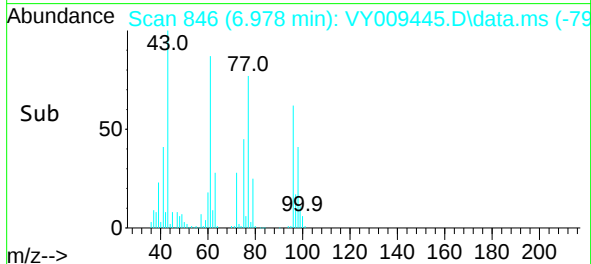
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 9868
Ion Ratio Lower Upper
96 100
61 142.4 0.0 319.8
98 64.5 0.0 127.0

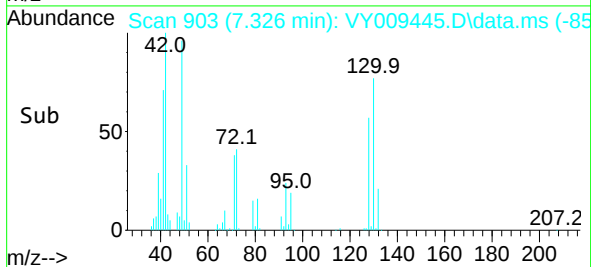
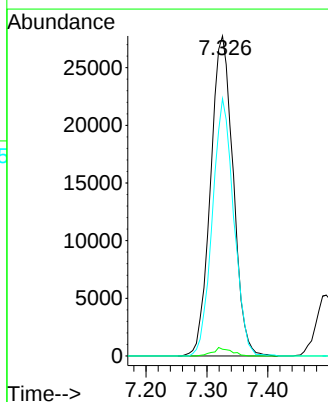
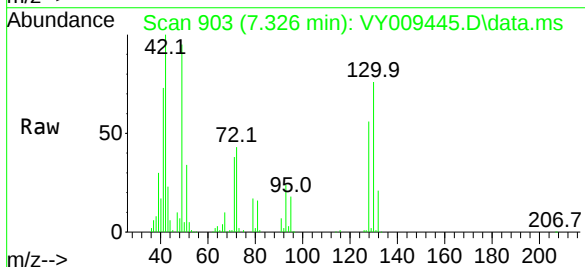
Manual Integrations
APPROVED

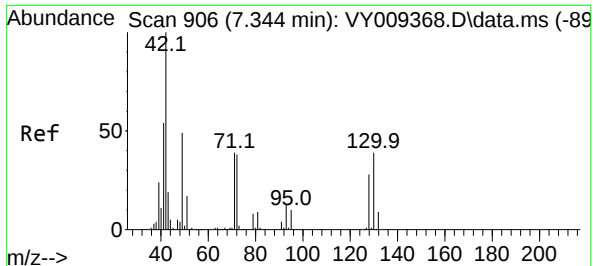
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#28
Bromochloromethane
Concen: 52.736 ug/l
RT: 7.326 min Scan# 903
Delta R.T. -0.000 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17

Tgt Ion: 49 Resp: 71415
Ion Ratio Lower Upper
49 100
129 2.1 0.0 2.2
130 76.4 55.4 83.0





#29

Tetrahydrofuran

Concen: 248.743 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY009445.D

Acq: 06 Jul 2022 11:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 10732

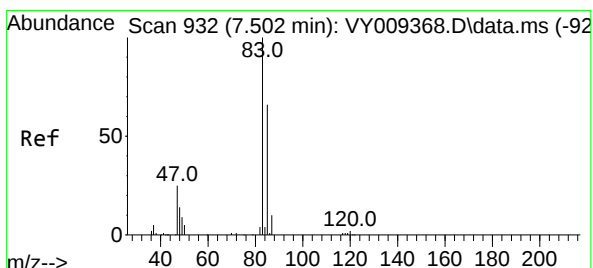
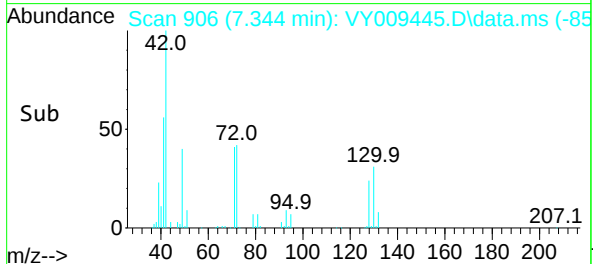
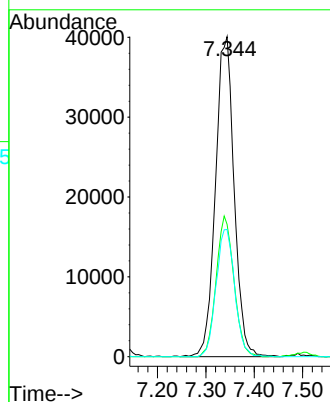
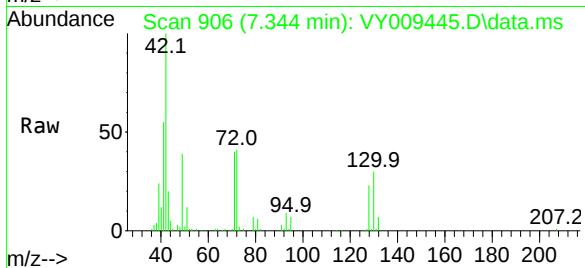
Ion	Ratio	Lower	Upper
42	100		
72	41.9	30.3	45.5
71	39.7	29.0	43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#30

Chloroform

Concen: 50.059 ug/l

RT: 7.496 min Scan# 931

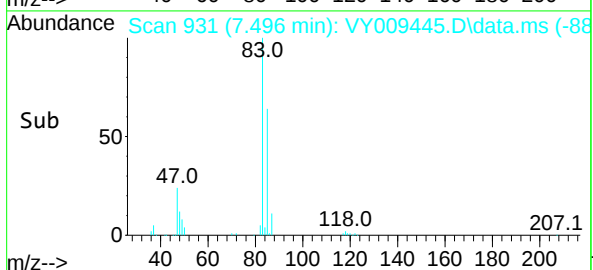
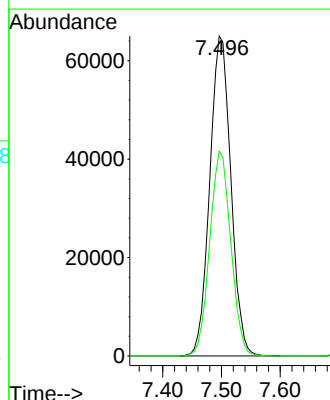
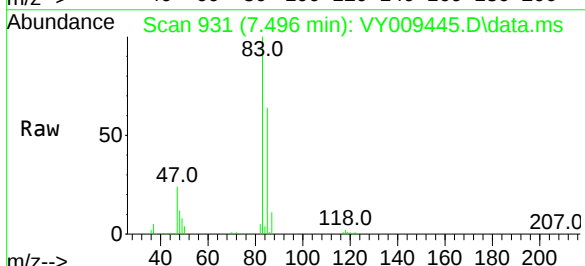
Delta R.T. -0.006 min

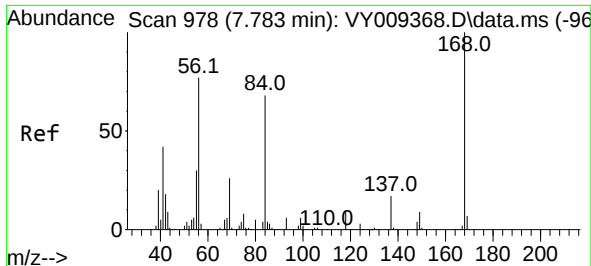
Lab File: VY009445.D

Acq: 06 Jul 2022 11:17

Tgt Ion: 83 Resp: 162263

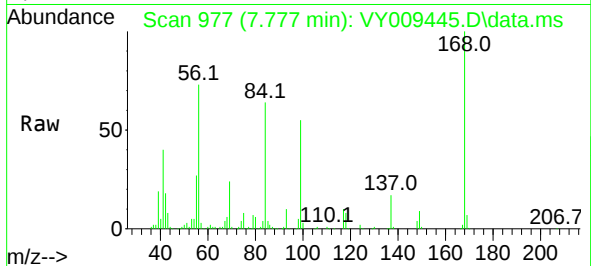
Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.8	77.6





#31
Cyclohexane
Concen: 43.931 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17

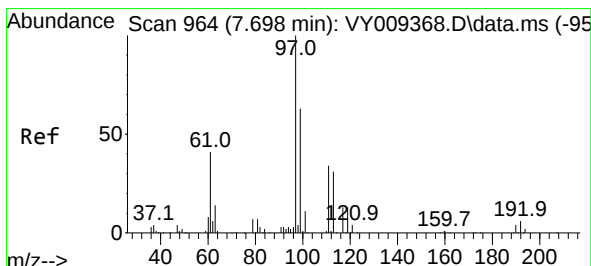
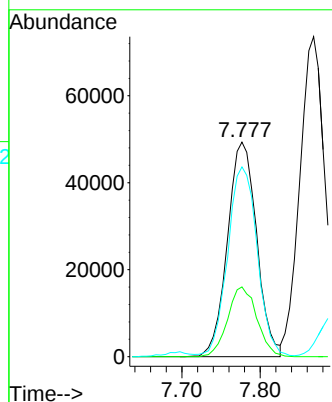
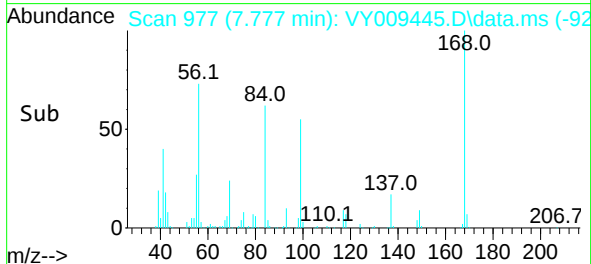
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



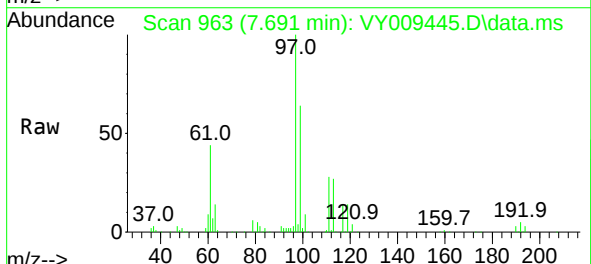
Tgt Ion: 56 Resp: 127710
Ion Ratio Lower Upper
56 100
69 32.5 26.7 40.1
84 86.3 67.2 100.8

Manual Integrations
APPROVED

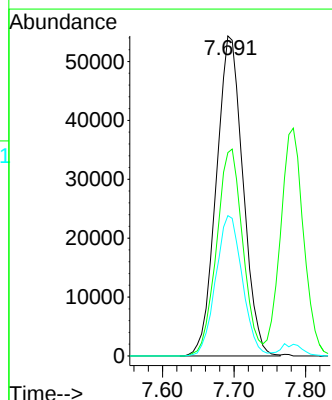
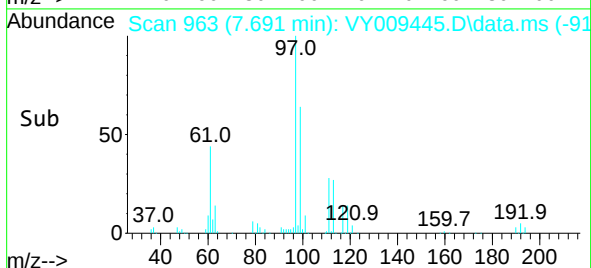
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

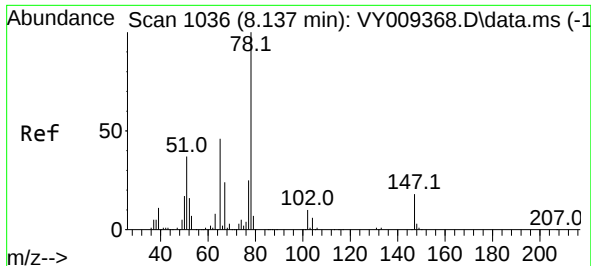


#32
1,1,1-Trichloroethane
Concen: 48.601 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.007 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17



Tgt Ion: 97 Resp: 141074
Ion Ratio Lower Upper
97 100
99 63.5 50.7 76.1
61 43.5 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 49.112 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY009445.D

Acq: 06 Jul 2022 11:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 63478

Ion Ratio Lower Upper

65 100

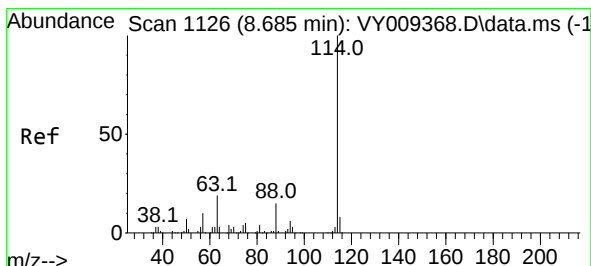
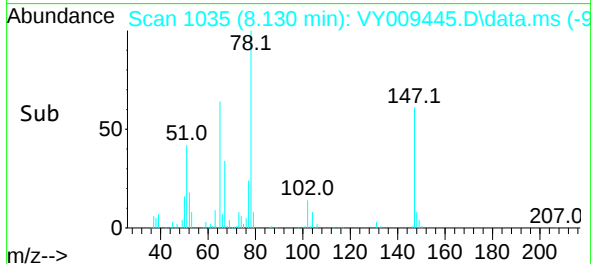
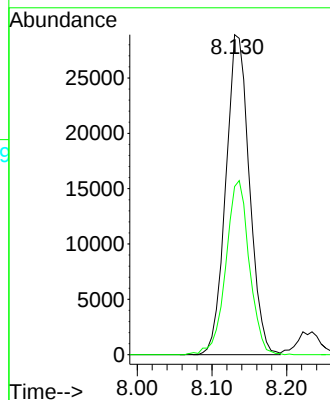
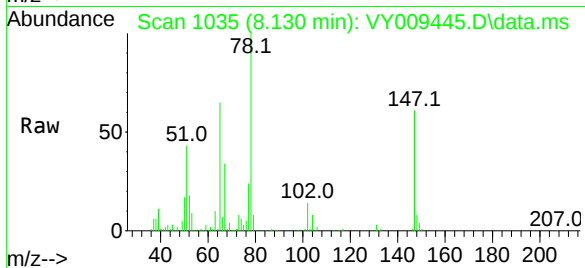
67 54.2 0.0 99.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009445.D

Acq: 06 Jul 2022 11:17

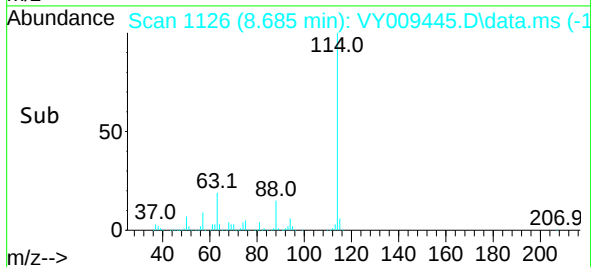
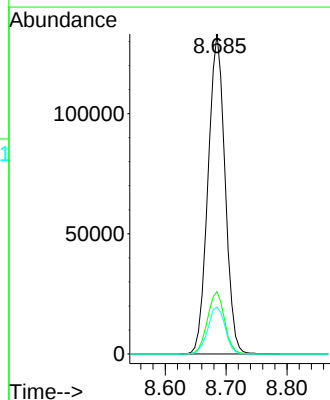
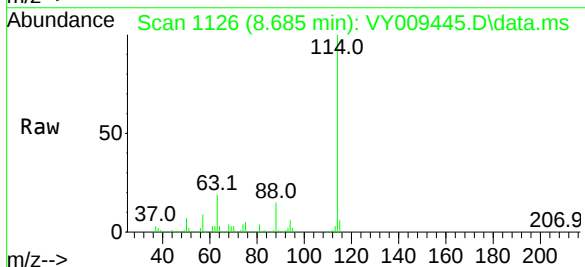
Tgt Ion:114 Resp: 257430

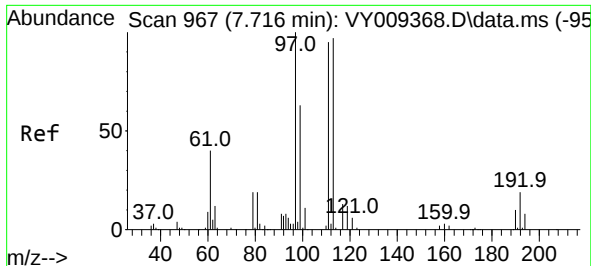
Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.2

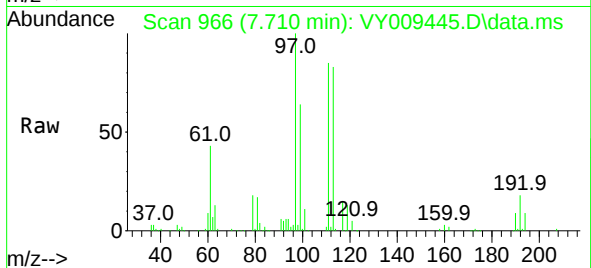
88 14.6 0.0 31.8





#35
Dibromofluoromethane
Concen: 48.792 ug/l
RT: 7.710 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17

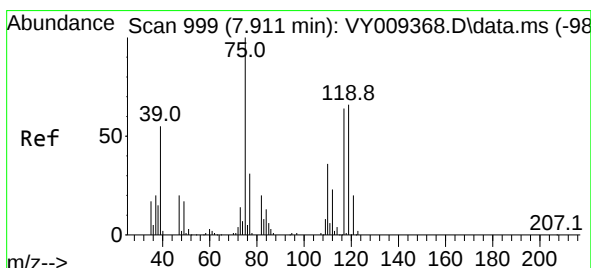
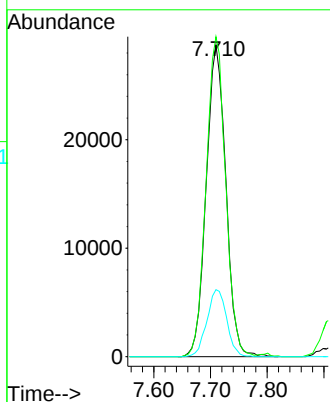
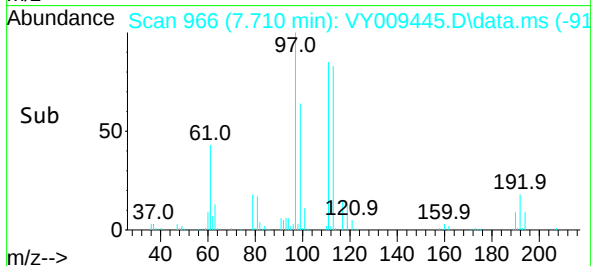
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



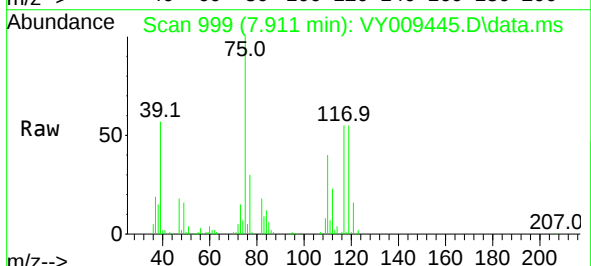
Tgt Ion: 113 Resp: 69130
Ion Ratio Lower Upper
113 100
111 101.8 82.6 124.0
192 21.6 17.6 26.4

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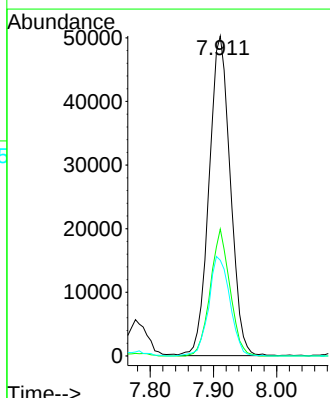
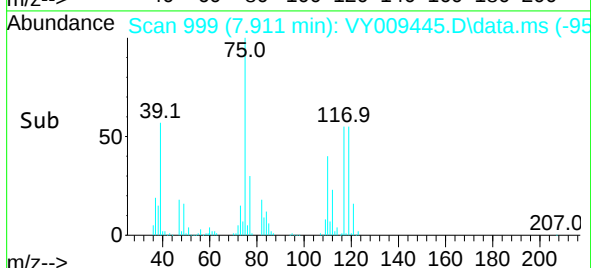
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

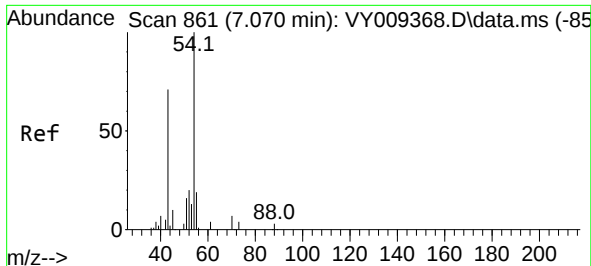


#36
1,1-Dichloropropene
Concen: 47.257 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17



Tgt Ion: 75 Resp: 117071
Ion Ratio Lower Upper
75 100
110 36.6 17.1 51.2
77 31.1 24.4 36.6





#37

Ethyl Acetate

Concen: 48.895 ug/l

RT: 7.063 min Scan# 80

Delta R.T. -0.007 min

Lab File: VY009445.D

Acq: 06 Jul 2022 11:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 7183

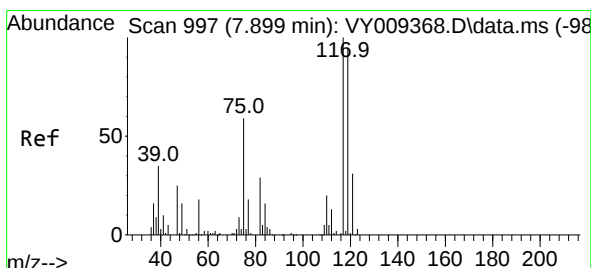
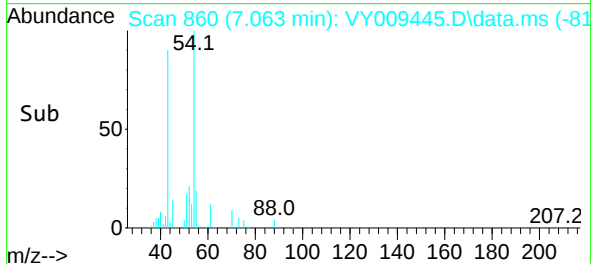
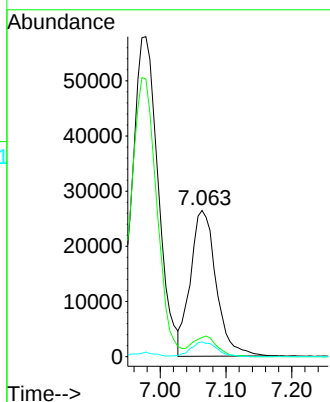
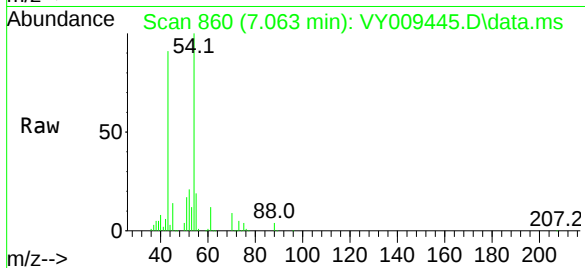
Ion	Ratio	Lower	Upper
43	100		
61	13.9	9.7	14.5
70	10.2	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#38

Carbon Tetrachloride

Concen: 48.801 ug/l

RT: 7.893 min Scan# 996

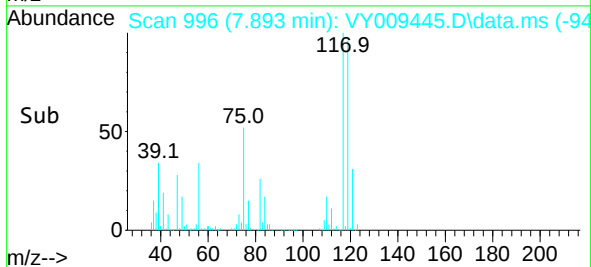
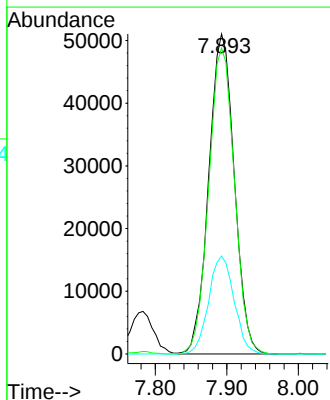
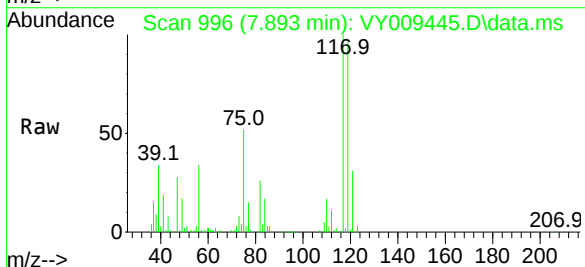
Delta R.T. -0.000 min

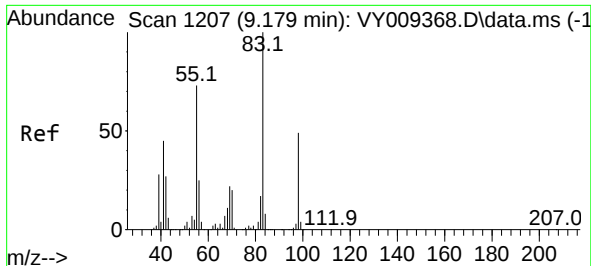
Lab File: VY009445.D

Acq: 06 Jul 2022 11:17

Tgt Ion:117 Resp: 126366

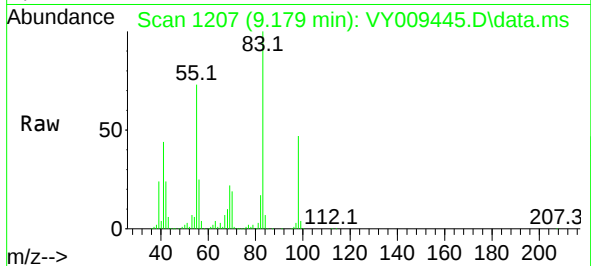
Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.9	116.9
121	30.6	24.8	37.2





#39
Methylcyclohexane
Concen: 46.779 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.000 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17

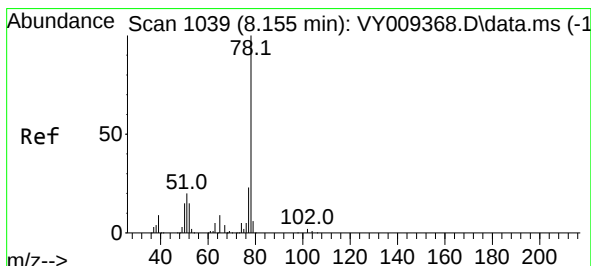
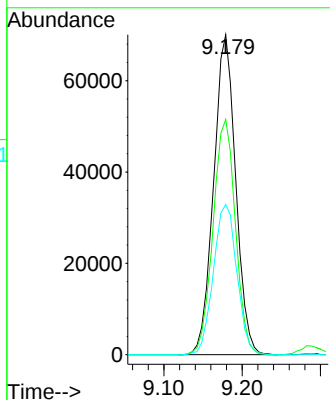
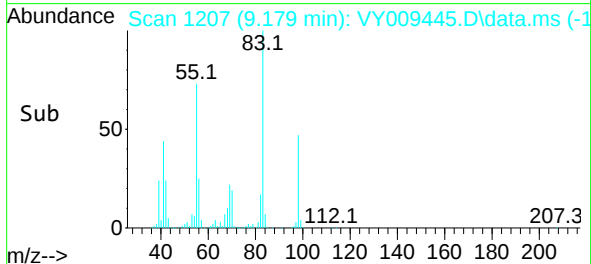
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 137158
Ion Ratio Lower Upper
83 100
55 73.5 66.5 99.7
98 46.9 37.9 56.9

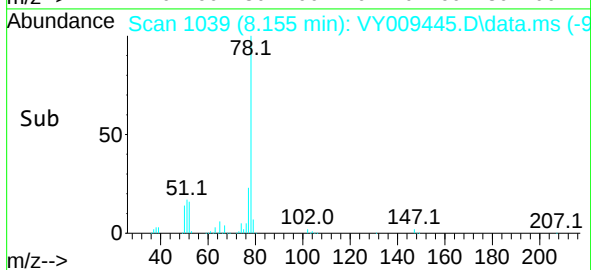
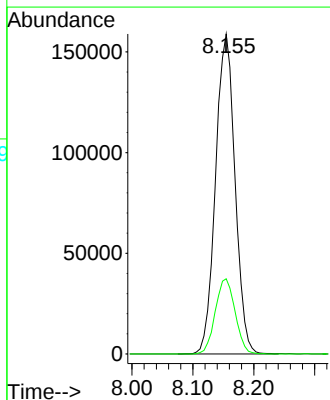
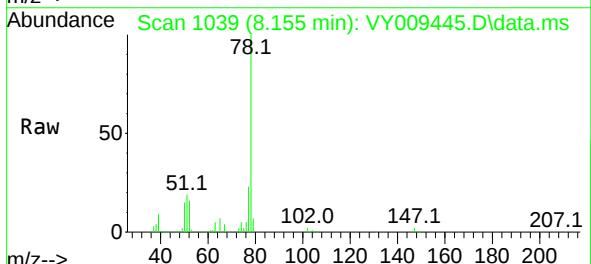
Manual Integrations
APPROVED

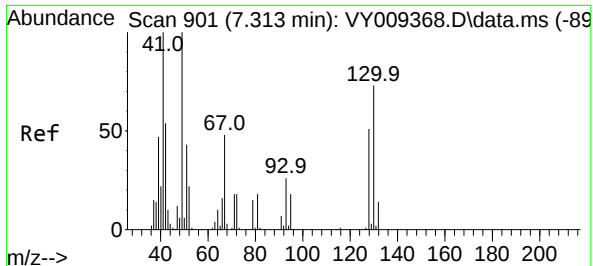
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#40
Benzene
Concen: 48.553 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17

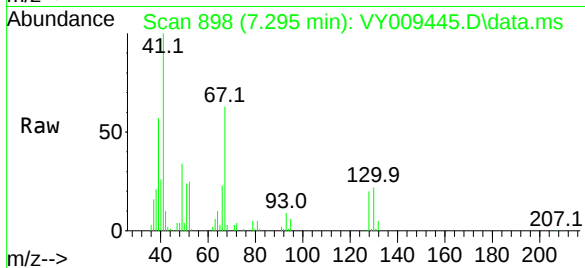
Tgt Ion: 78 Resp: 351749
Ion Ratio Lower Upper
78 100
77 23.5 20.4 30.6





#41
Methacrylonitrile
Concen: 48.199 ug/l
RT: 7.295 min Scan# 89
Delta R.T. -0.006 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17

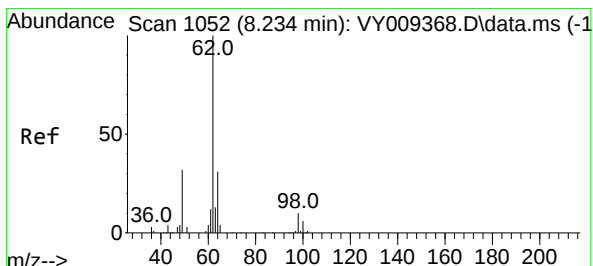
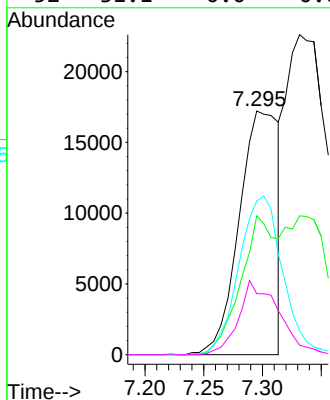
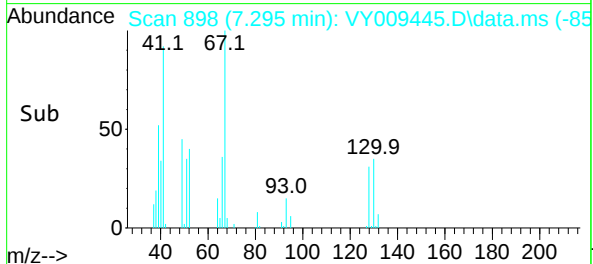
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 40004
Ion Ratio Lower Upper
41 100
39 52.0 92.9 139.3
67 72.5 0.0 0.0
52 31.1 0.0 0.0

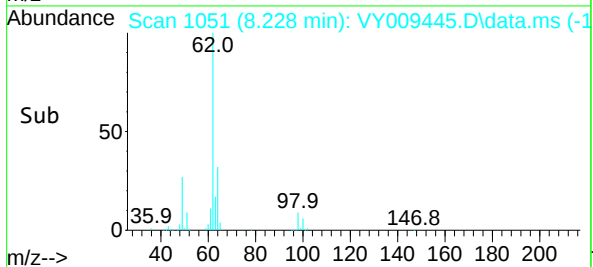
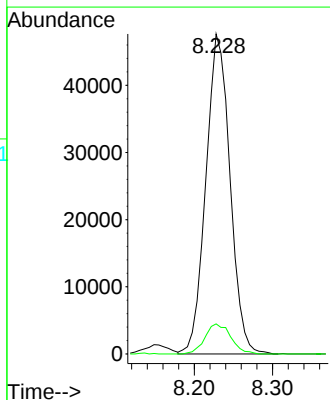
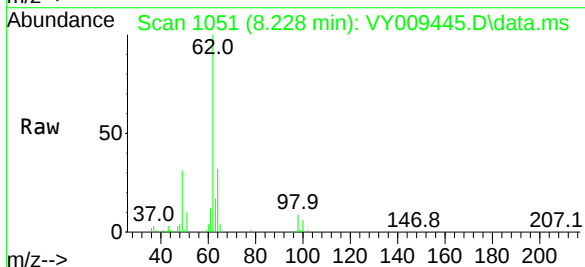
Manual Integrations
APPROVED

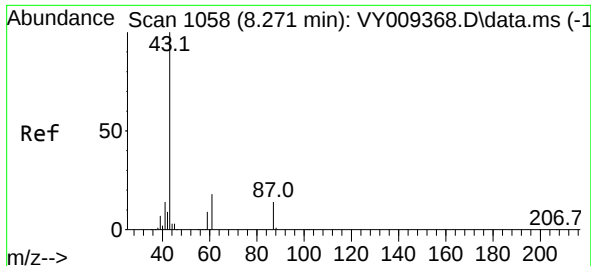
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#42
1,2-Dichloroethane
Concen: 49.177 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17

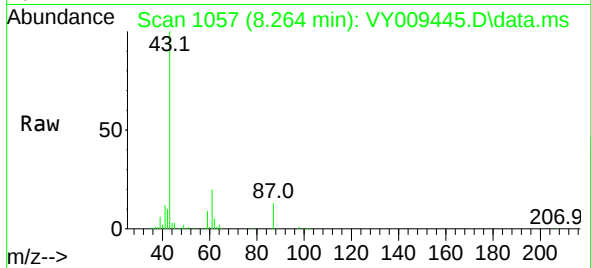
Tgt Ion: 62 Resp: 102199
Ion Ratio Lower Upper
62 100
98 10.1 0.0 14.8





#43
Isopropyl Acetate
Concen: 51.347 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. -0.007 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17

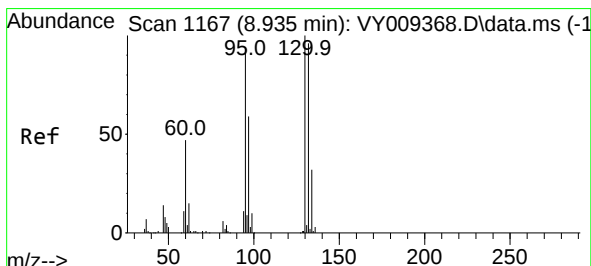
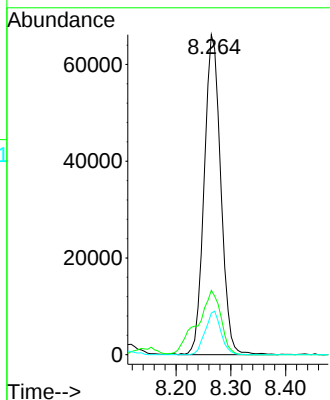
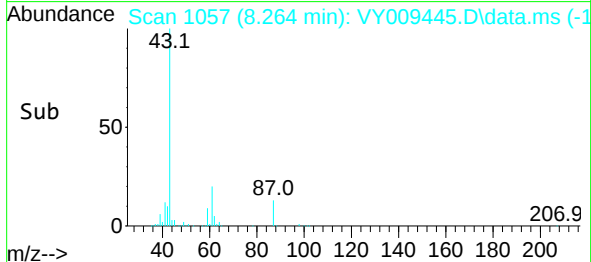
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 138499
Ion Ratio Lower Upper
43 100
61 28.7 20.2 30.2
87 12.9 8.9 13.3

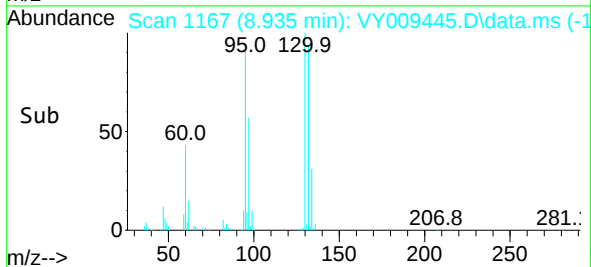
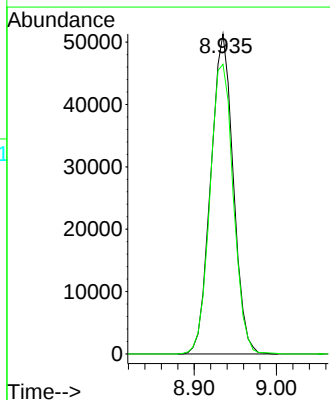
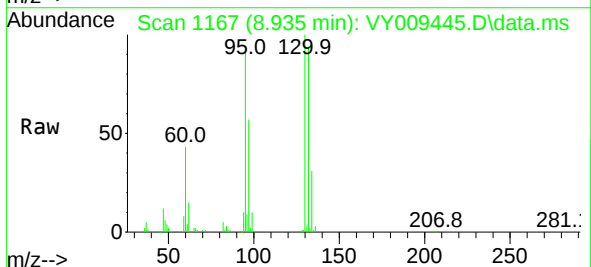
Manual Integrations
APPROVED

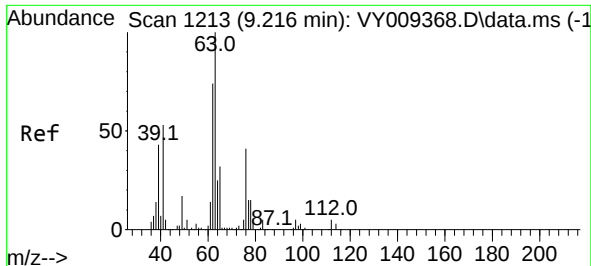
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#44
Trichloroethene
Concen: 48.294 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17

Tgt Ion:130 Resp: 97213
Ion Ratio Lower Upper
130 100
95 90.5 0.0 188.2





#45

1,2-Dichloropropane

Concen: 51.035 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY009445.D

Acq: 06 Jul 2022 11:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 93654

Ion Ratio Lower Upper

63 100

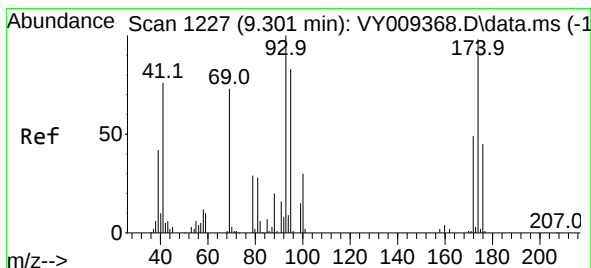
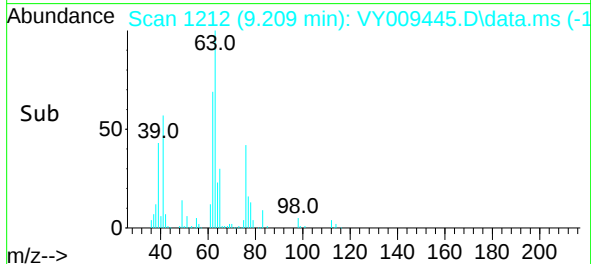
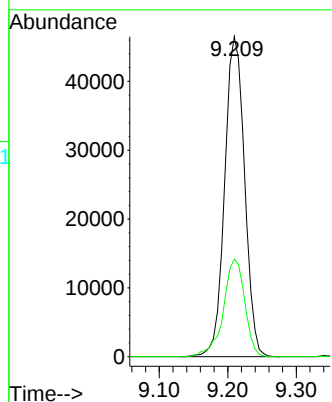
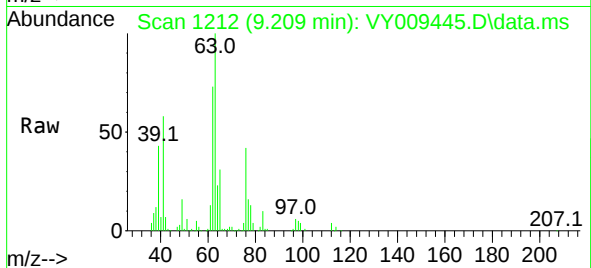
65 30.5 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#46

Dibromomethane

Concen: 49.101 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009445.D

Acq: 06 Jul 2022 11:17

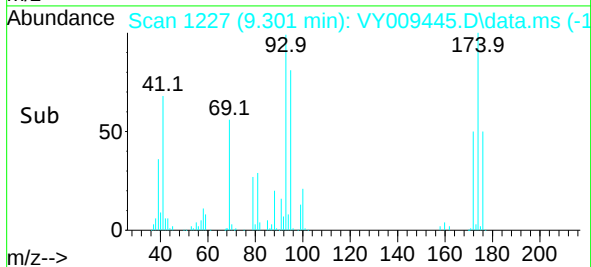
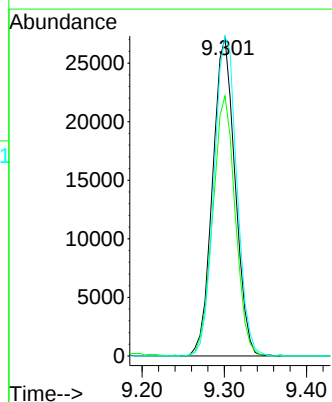
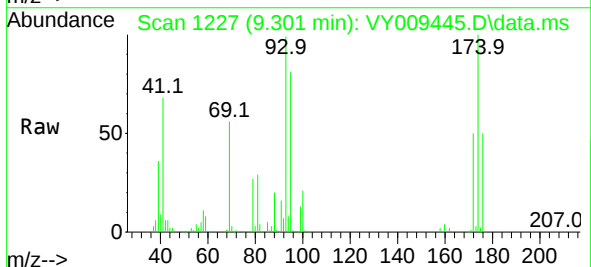
Tgt Ion: 93 Resp: 51620

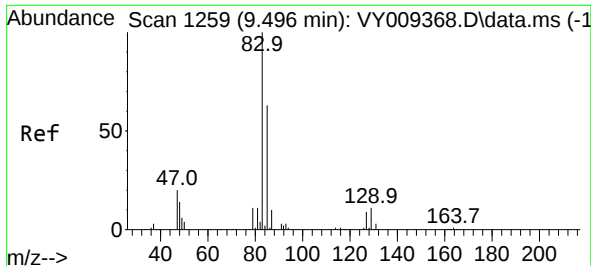
Ion Ratio Lower Upper

93 100

95 81.6 64.3 96.5

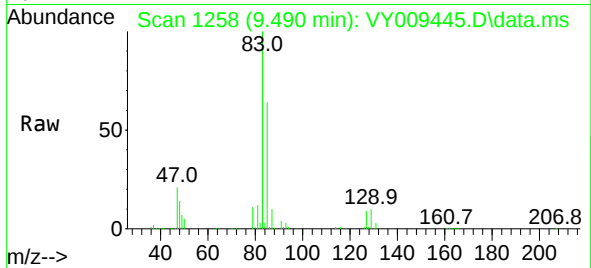
174 101.8 83.4 125.0





#47
Bromodichloromethane
Concen: 49.809 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17

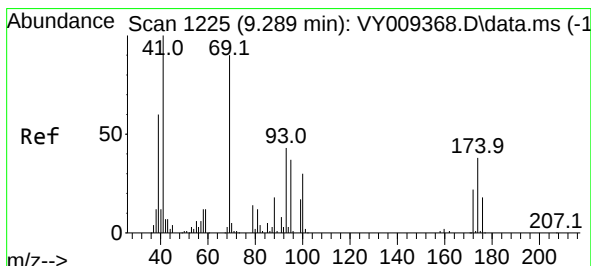
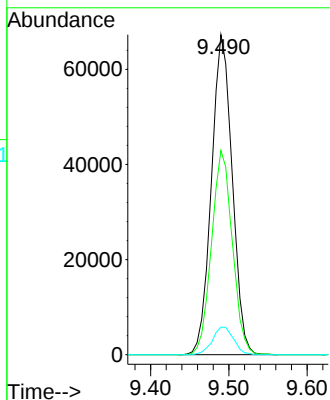
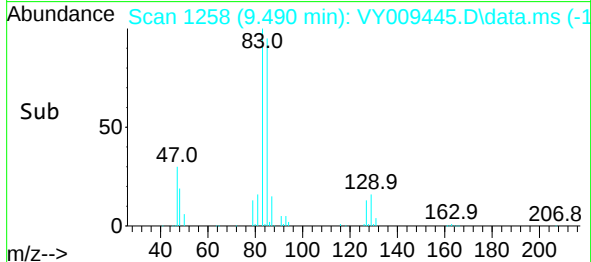
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



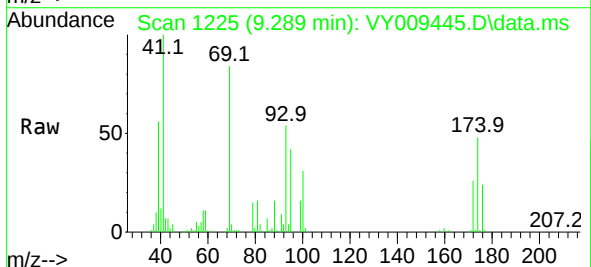
Tgt Ion: 83 Resp: 124008
Ion Ratio Lower Upper
83 100
85 63.8 51.9 77.9
127 8.6 6.6 10.0

Manual Integrations
APPROVED

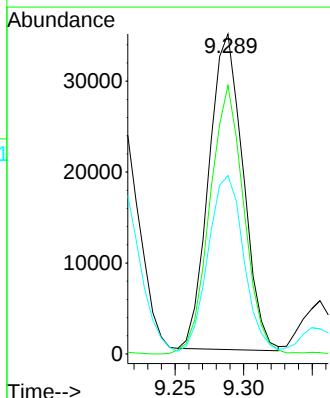
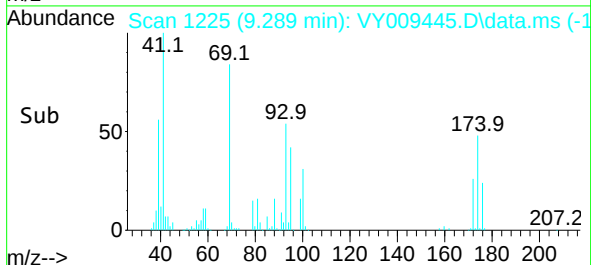
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

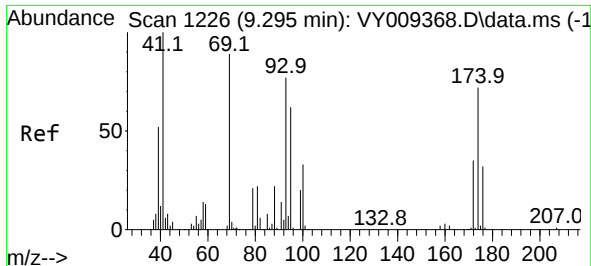


#48
Methyl methacrylate
Concen: 51.973 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17



Tgt Ion: 41 Resp: 60434
Ion Ratio Lower Upper
41 100
69 84.6 58.2 87.2
39 57.7 47.4 71.0





#49

1,4-Dioxane

Concen: 930.355 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY009445.D

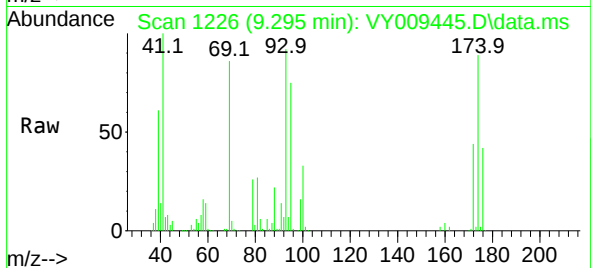
Acq: 06 Jul 2022 11:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



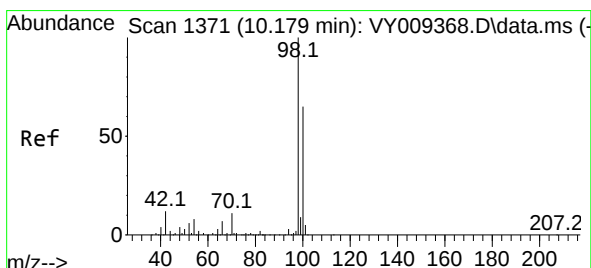
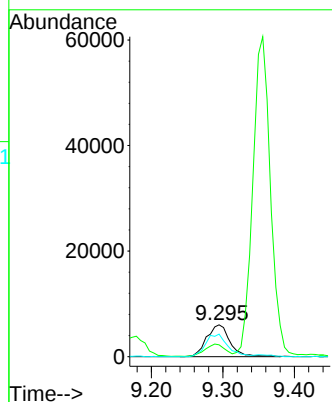
Tgt Ion:	88	Resp:	13634
Ion	Ratio	Lower	Upper
88	100		
43	33.5	32.8	49.2
58	67.1	59.8	89.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#50

Toluene-d8

Concen: 49.175 ug/l

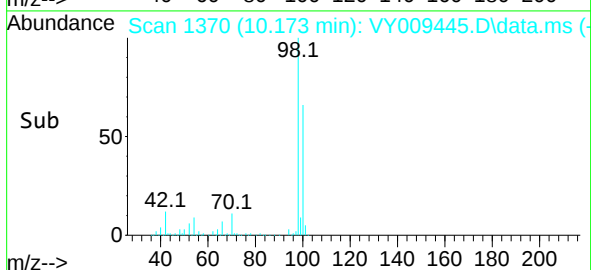
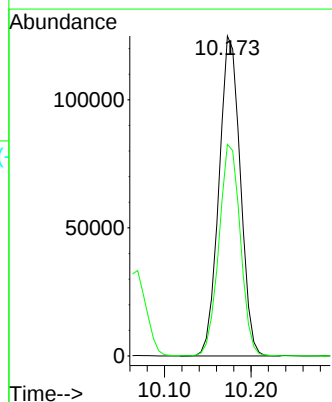
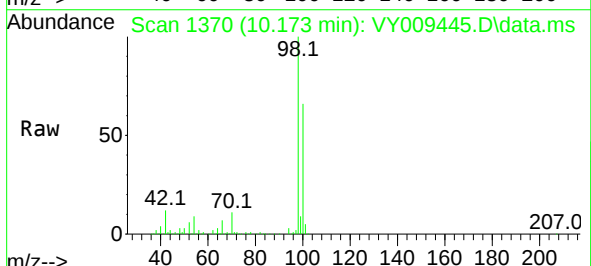
RT: 10.173 min Scan# 1370

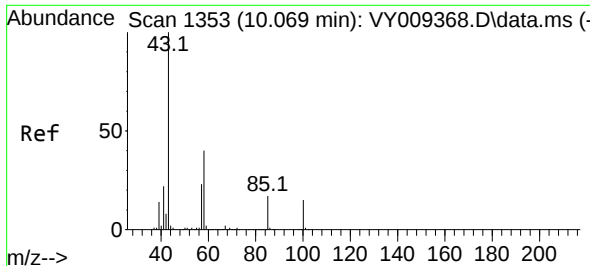
Delta R.T. -0.006 min

Lab File: VY009445.D

Acq: 06 Jul 2022 11:17

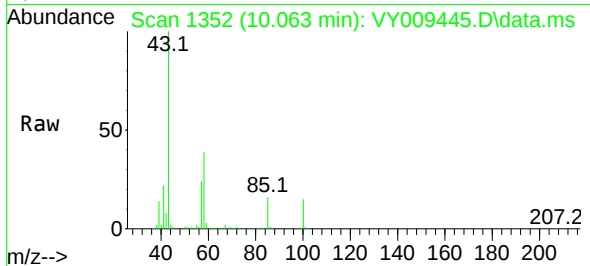
Tgt Ion:	98	Resp:	213619
Ion	Ratio	Lower	Upper
98	100		
100	66.4	50.2	75.2





#51
4-Methyl-2-Pentanone
Concen: 261.817 ug/l
RT: 10.063 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17

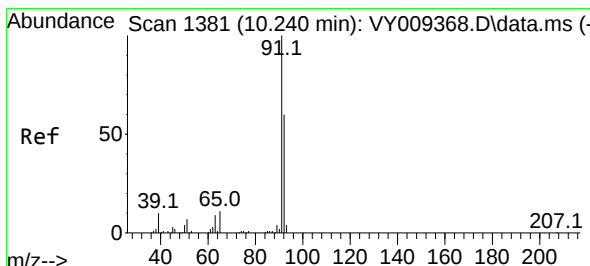
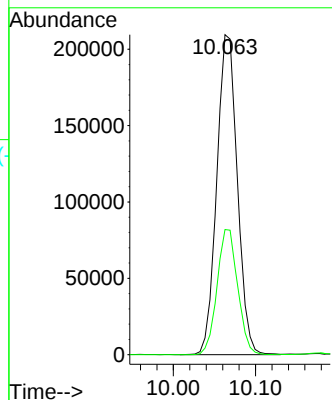
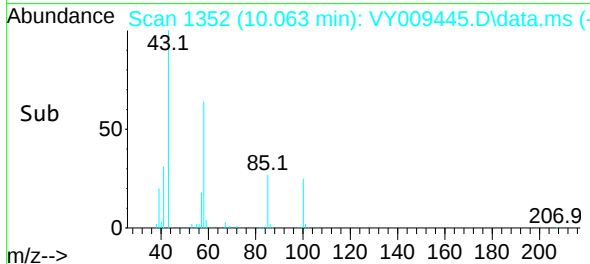
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 36411
Ion Ratio Lower Upper
43 100
58 39.3 28.1 42.1

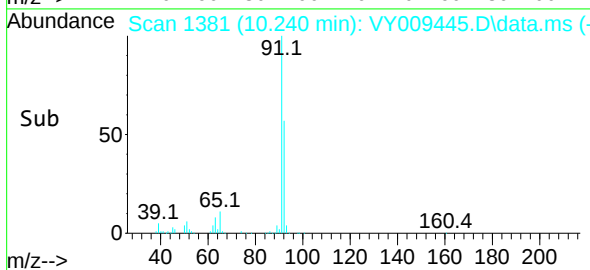
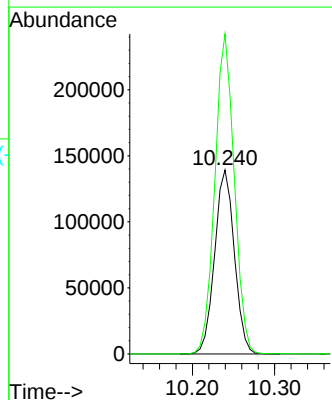
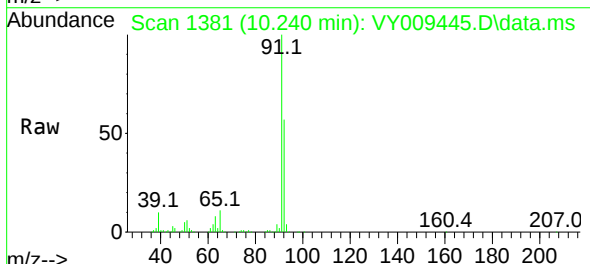
Manual Integrations
APPROVED

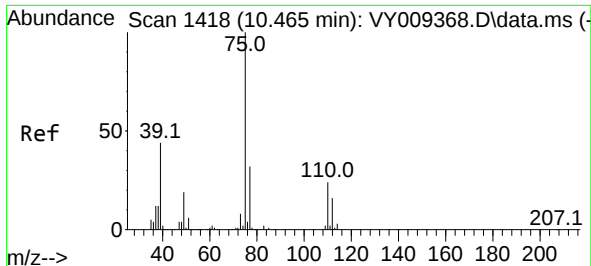
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#52
Toluene
Concen: 50.719 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17

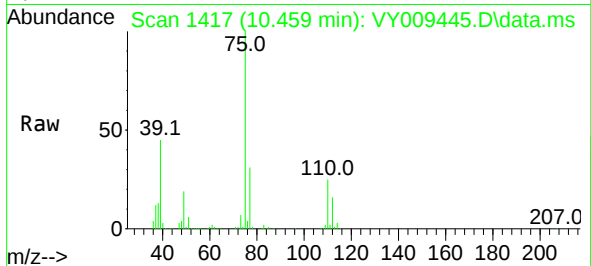
Tgt Ion: 92 Resp: 231828
Ion Ratio Lower Upper
92 100
91 171.5 142.6 213.8





#53
t-1,3-Dichloropropene
Concen: 54.647 ug/l
RT: 10.459 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17

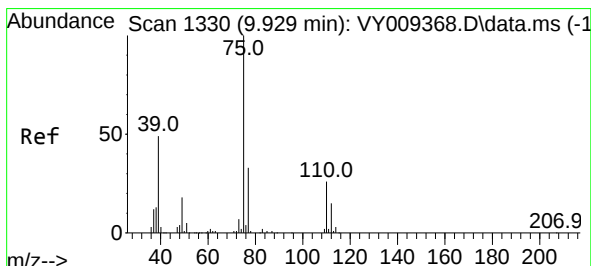
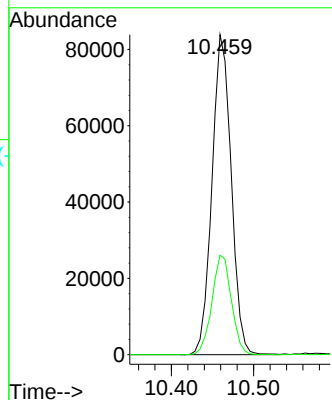
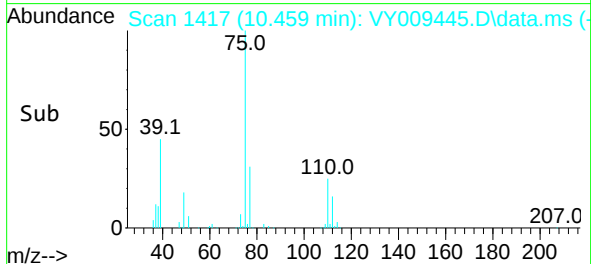
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



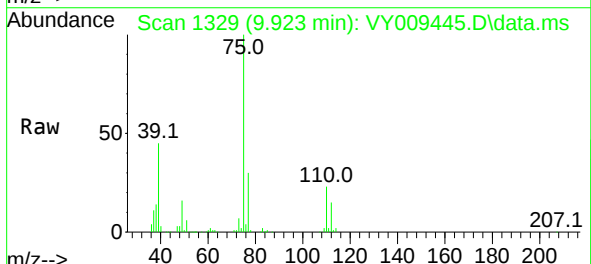
Tgt Ion: 75 Resp: 136090
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.2

Manual Integrations
APPROVED

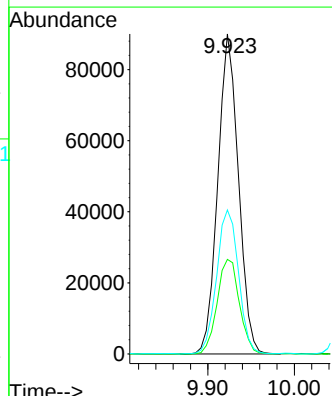
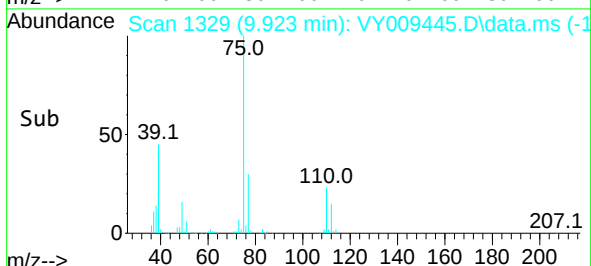
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

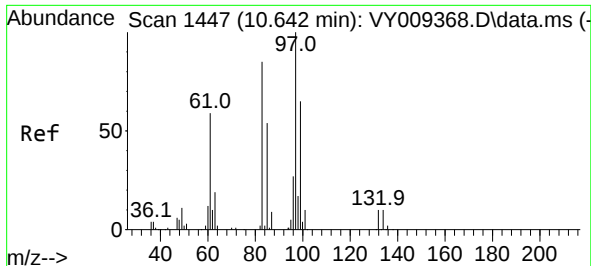


#54
cis-1,3-Dichloropropene
Concen: 50.083 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17



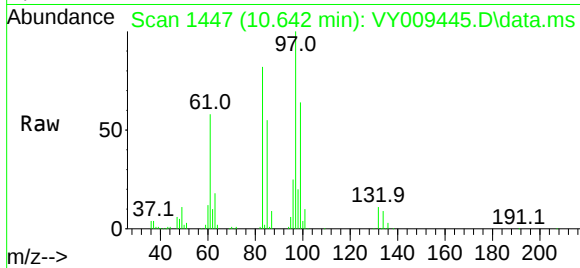
Tgt Ion: 75 Resp: 148925
Ion Ratio Lower Upper
75 100
77 29.6 25.6 38.4
39 45.0 47.6 71.4#





#55
1,1,2-Trichloroethane
Concen: 54.888 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17

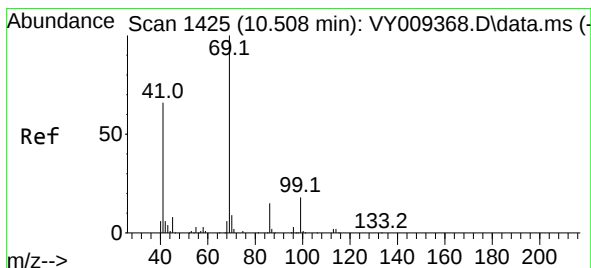
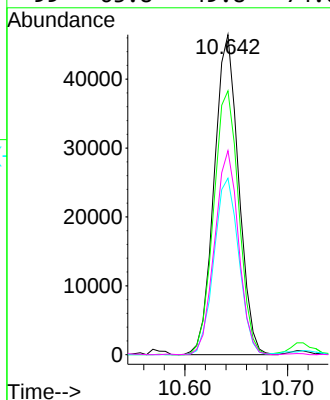
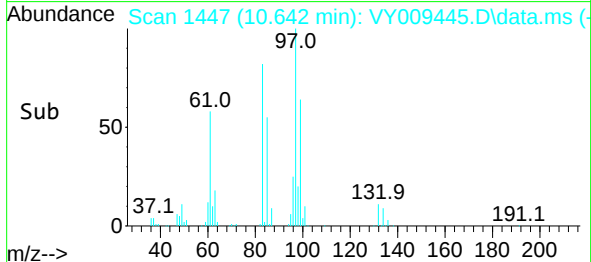
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



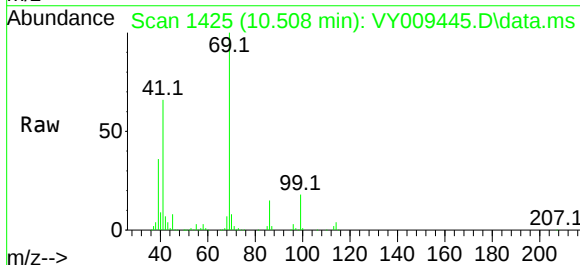
Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.4	69.8	104.8
85	55.1	44.3	66.5
99	63.8	49.8	74.6

Manual Integrations
APPROVED

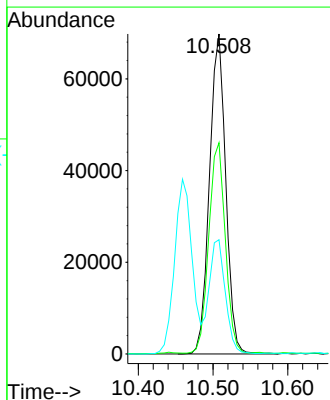
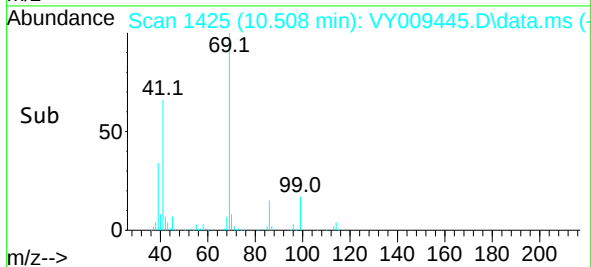
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

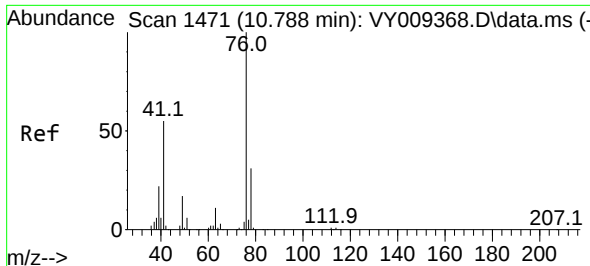


#56
Ethyl methacrylate
Concen: 59.104 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17



Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.7	63.4	95.0
39	35.8	35.8	53.8





#57

1,3-Dichloropropane

Concen: 51.108 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY009445.D

Acq: 06 Jul 2022 11:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 12663

Ion Ratio Lower Upper

76 100

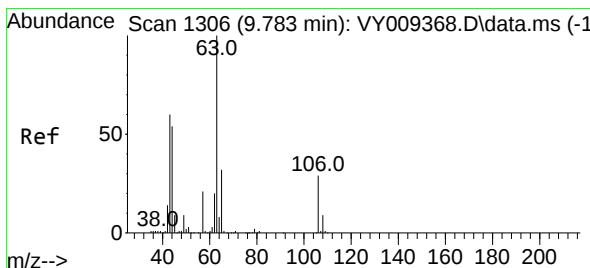
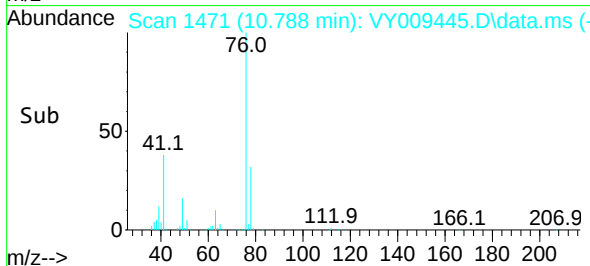
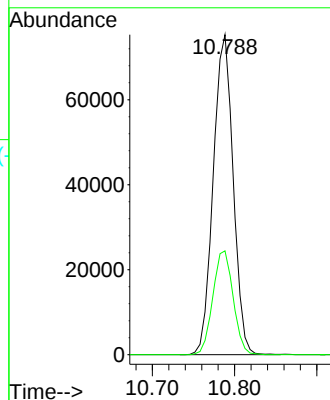
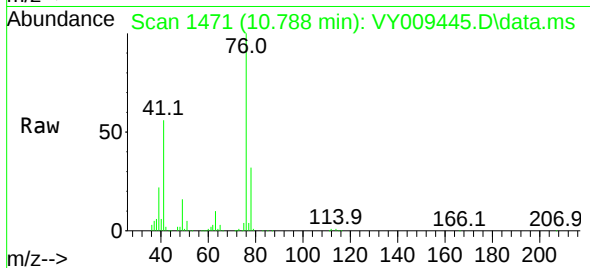
78 33.1 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#58

2-Chloroethyl Vinyl ether

Concen: 277.298 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY009445.D

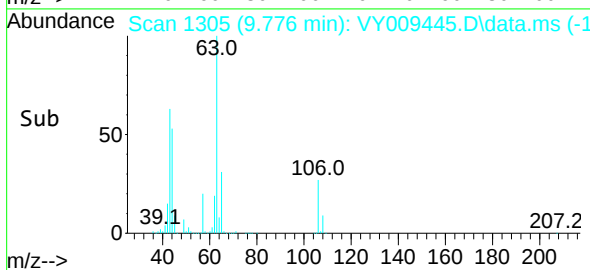
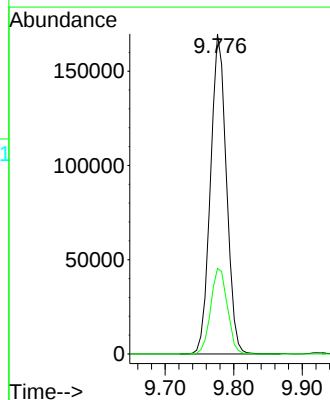
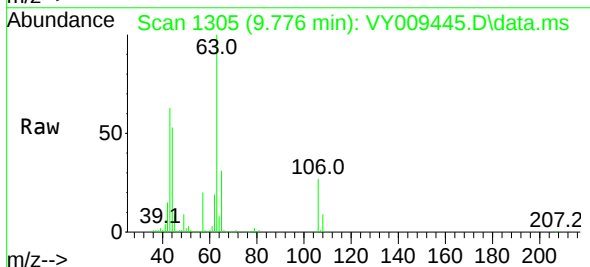
Acq: 06 Jul 2022 11:17

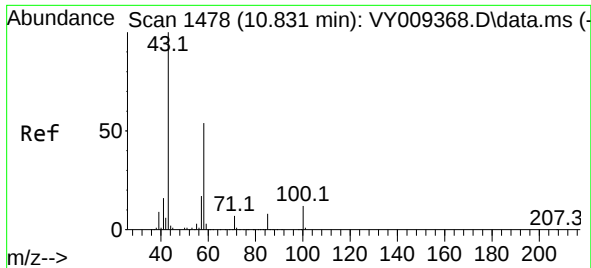
Tgt Ion: 63 Resp: 274107

Ion Ratio Lower Upper

63 100

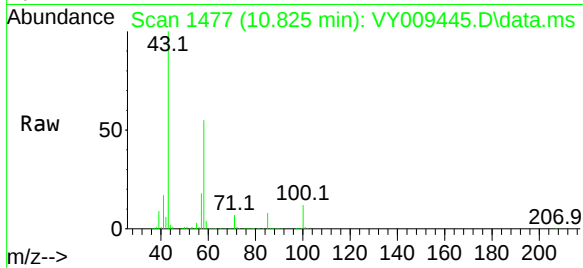
106 27.8 21.5 32.3





#59
2-Hexanone
Concen: 262.241 ug/l
RT: 10.825 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17

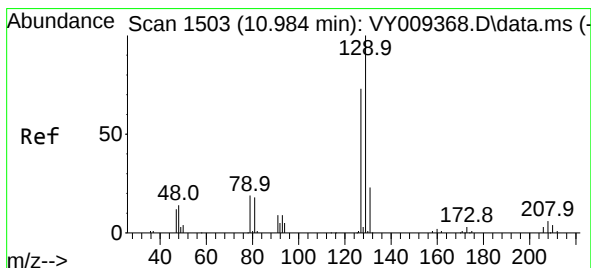
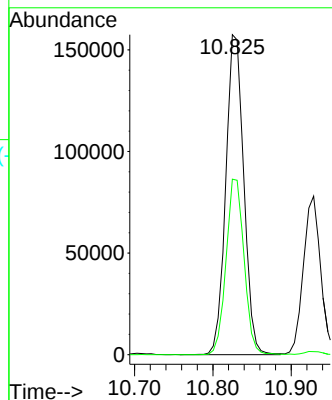
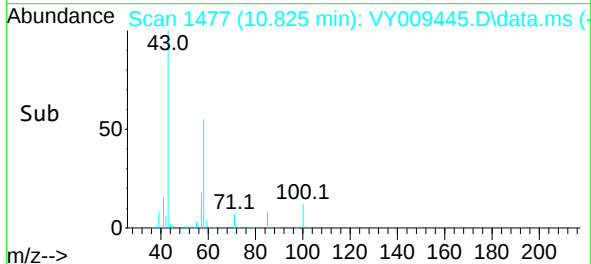
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 25193
Ion Ratio Lower Upper
43 100
58 54.8 24.4 73.4

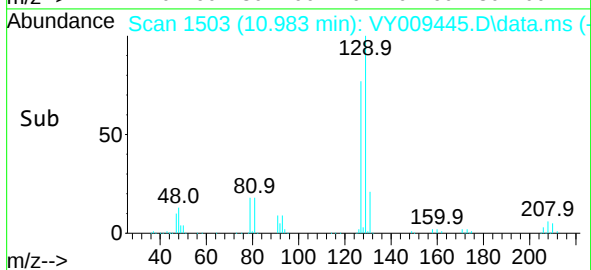
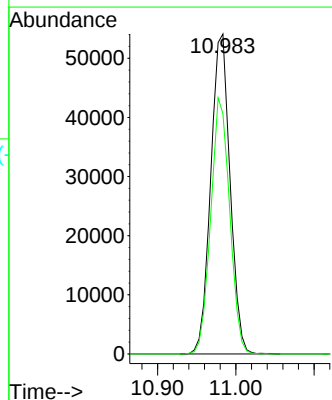
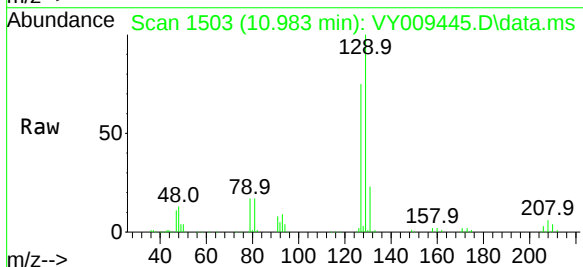
Manual Integrations
APPROVED

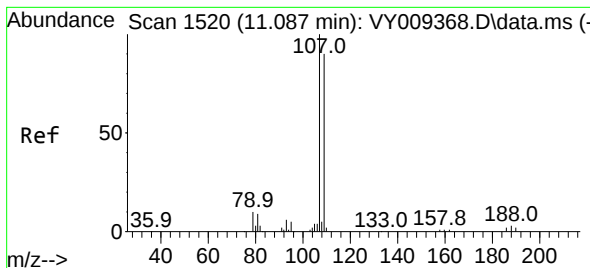
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#60
Dibromochloromethane
Concen: 52.310 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17

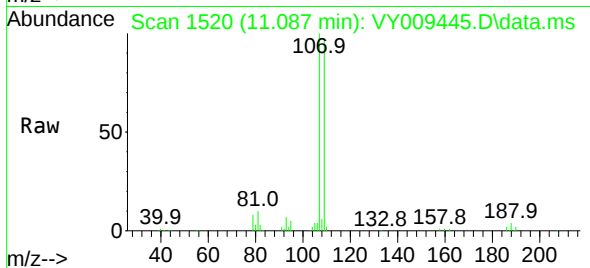
Tgt Ion:129 Resp: 92594
Ion Ratio Lower Upper
129 100
127 78.5 38.7 116.1





#61
1,2-Dibromoethane
Concen: 50.189 ug/l
RT: 11.087 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17

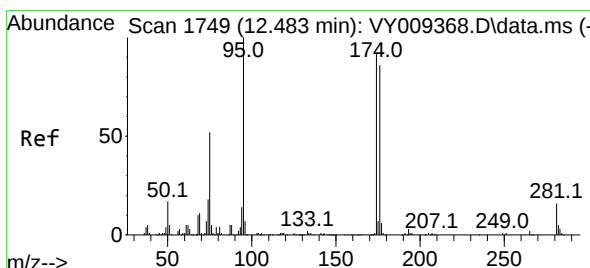
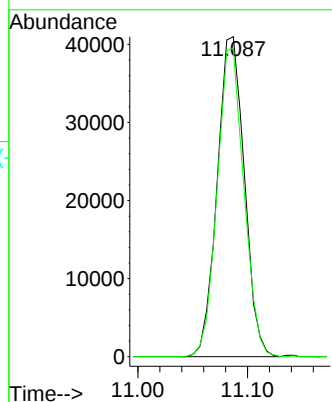
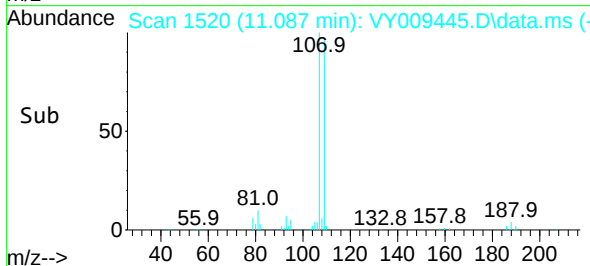
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



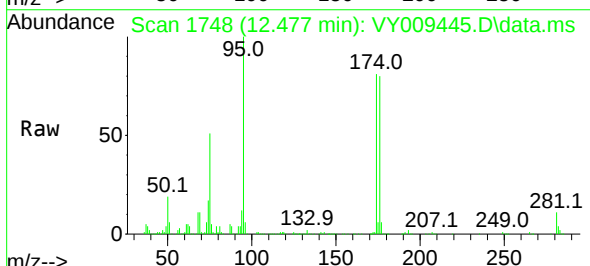
Tgt Ion:107 Resp: 70478
Ion Ratio Lower Upper
107 100
109 94.8 75.4 113.2

Manual Integrations
APPROVED

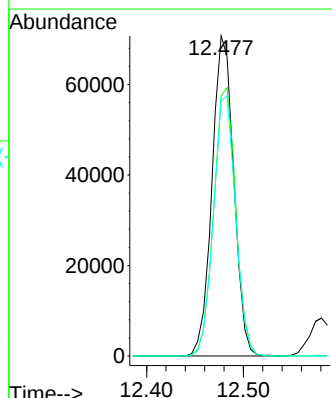
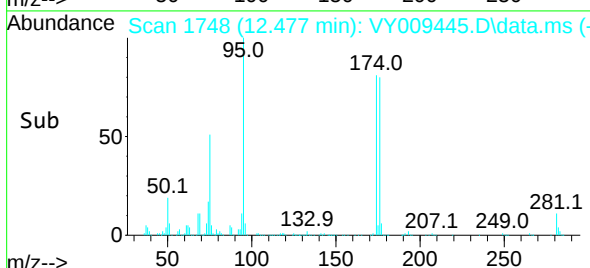
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

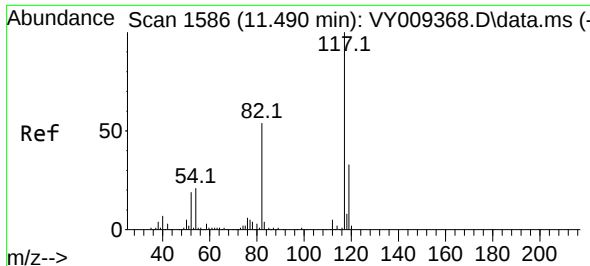


#62
4-Bromofluorobenzene
Concen: 53.447 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17



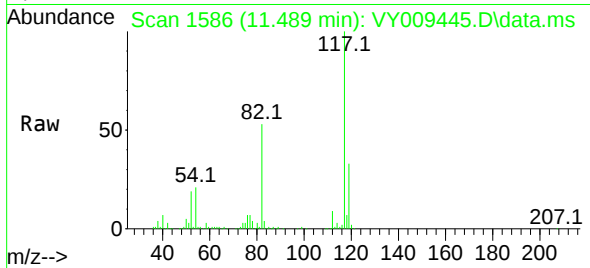
Tgt Ion: 95 Resp: 110114
Ion Ratio Lower Upper
95 100
174 85.5 0.0 177.0
176 82.5 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17

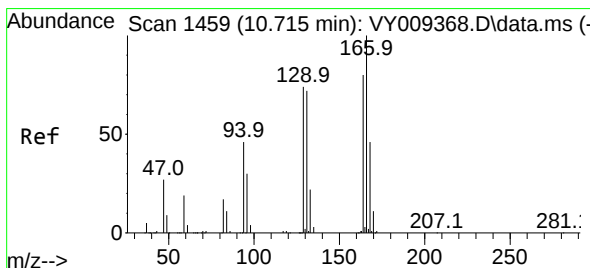
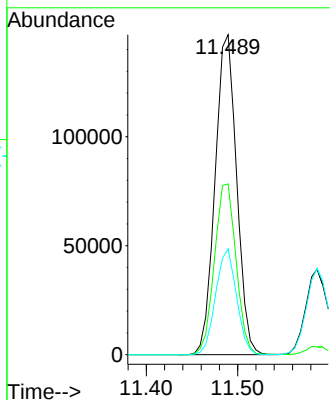
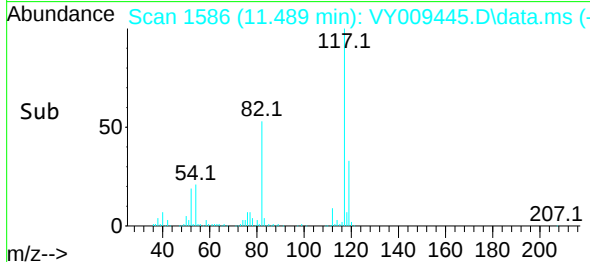
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



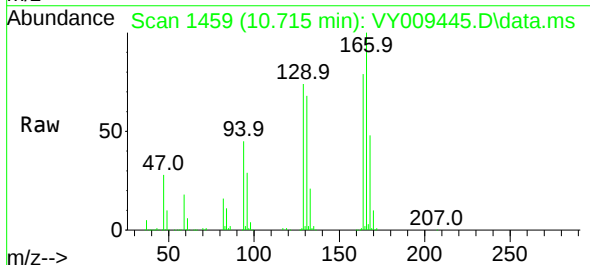
Tgt Ion:117 Resp: 240928
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.4
119 33.1 25.4 38.0

Manual Integrations
APPROVED

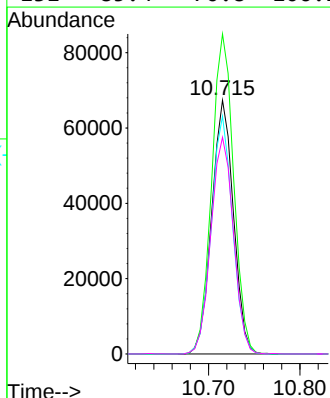
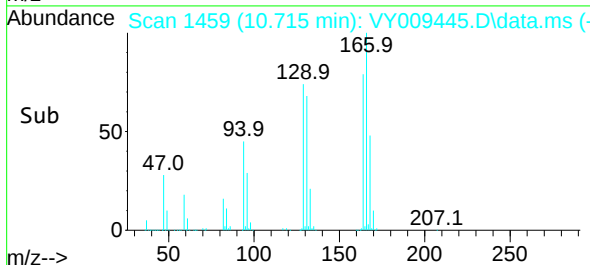
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

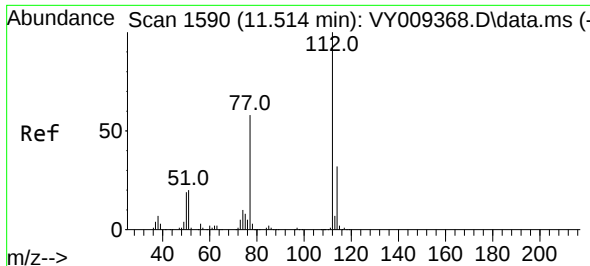


#64
Tetrachloroethene
Concen: 49.581 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17



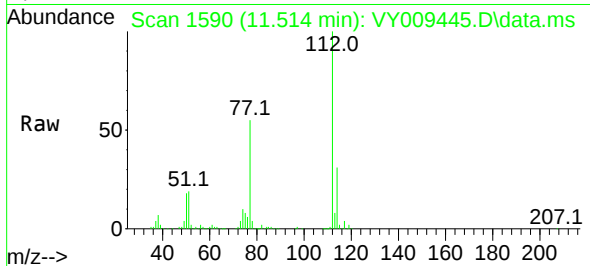
Tgt Ion:164 Resp: 111211
Ion Ratio Lower Upper
164 100
166 126.1 100.4 150.6
129 93.7 71.4 107.0
131 85.4 70.8 106.2





#65
Chlorobenzene
Concen: 49.465 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17

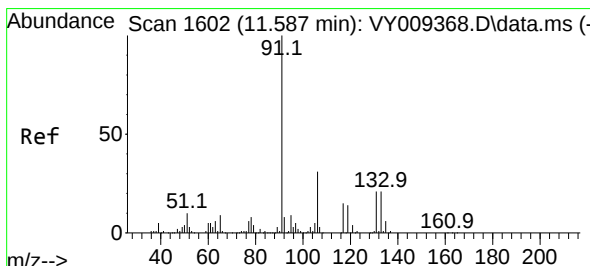
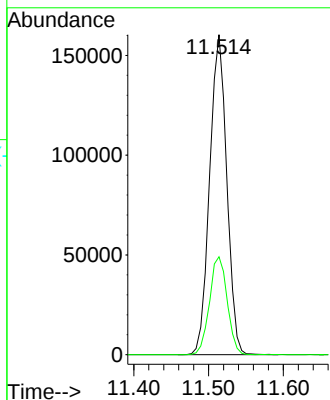
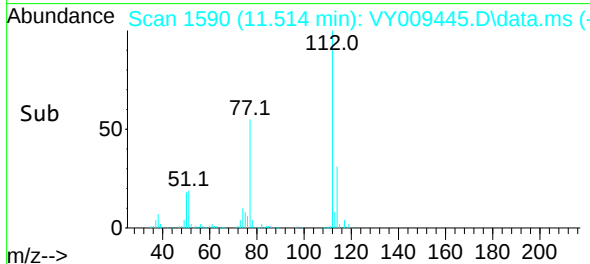
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 254998
Ion Ratio Lower Upper
112 100
114 30.6 25.8 38.6

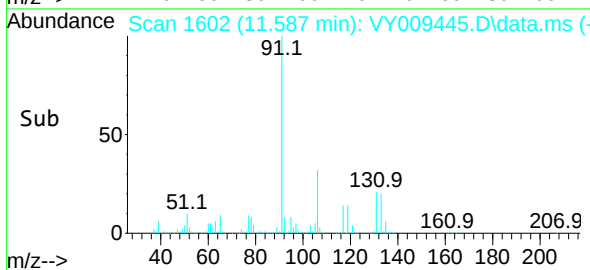
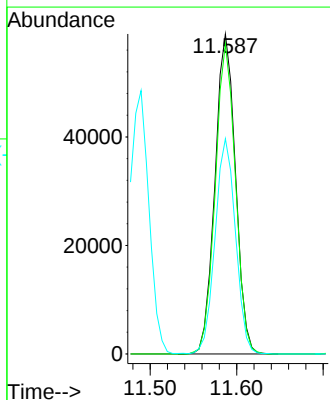
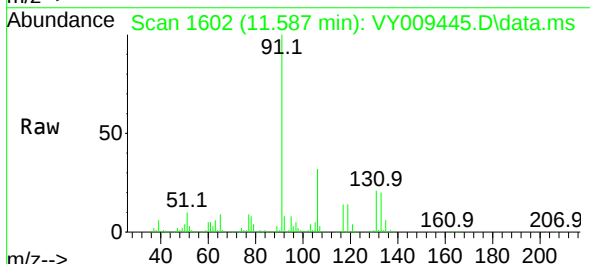
Manual Integrations
APPROVED

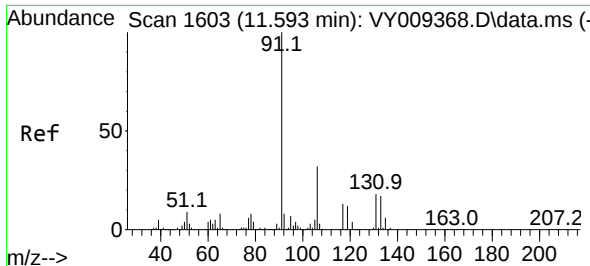
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 51.241 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17

Tgt Ion:131 Resp: 96894
Ion Ratio Lower Upper
131 100
133 95.4 47.9 143.6
119 67.1 30.8 92.3





#67

Ethyl Benzene

Concen: 50.840 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY009445.D

Acq: 06 Jul 2022 11:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 45466

Ion Ratio Lower Upper

91 100

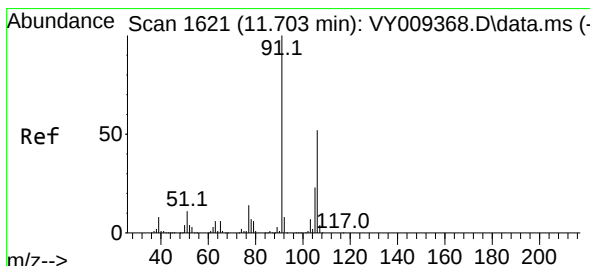
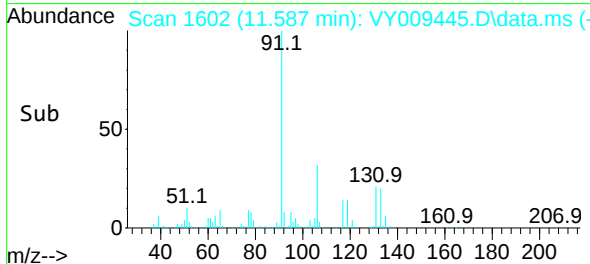
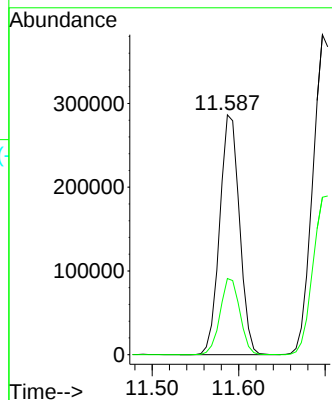
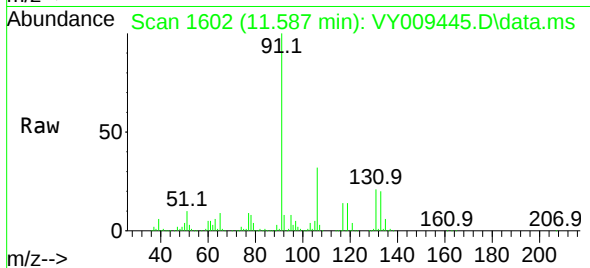
106 31.8 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#68

m/p-Xylenes

Concen: 99.211 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY009445.D

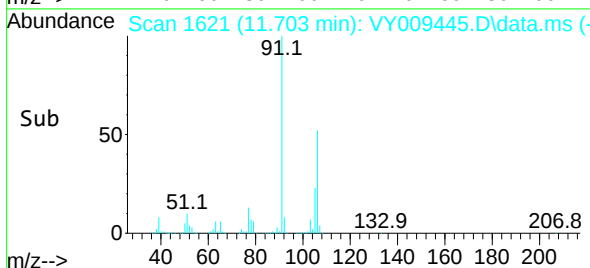
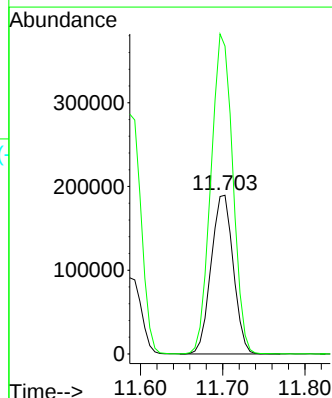
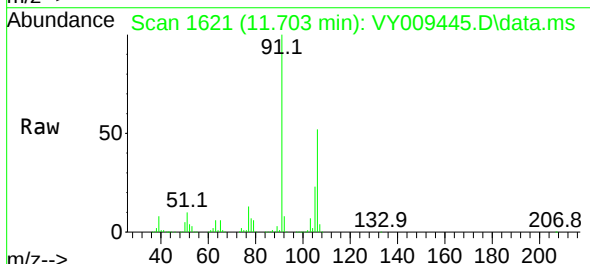
Acq: 06 Jul 2022 11:17

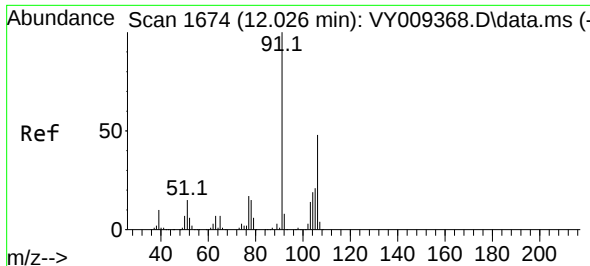
Tgt Ion:106 Resp: 354777

Ion Ratio Lower Upper

106 100

91 199.1 166.6 249.8





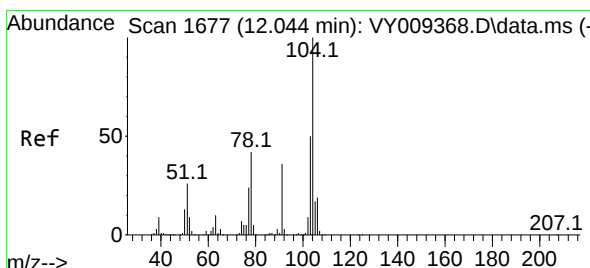
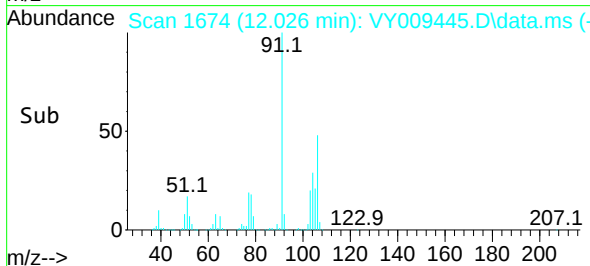
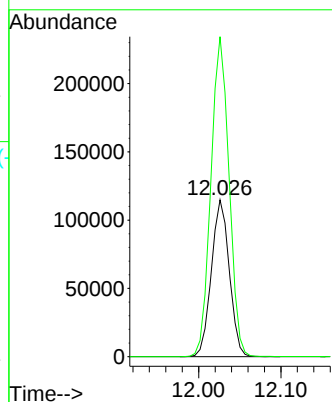
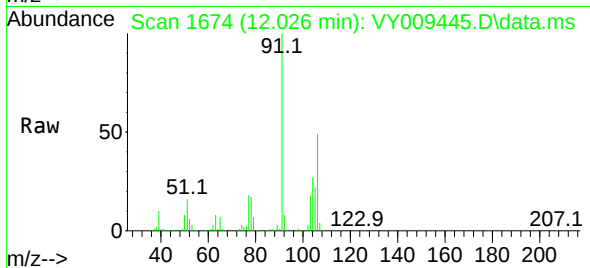
#69
o-Xylene
Concen: 51.512 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 173838
Ion Ratio Lower Upper
106 100
91 206.6 110.3 331.0

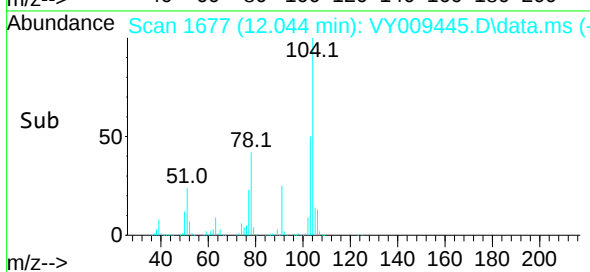
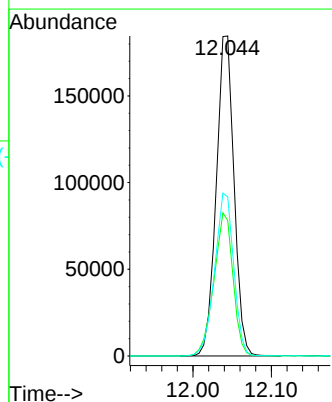
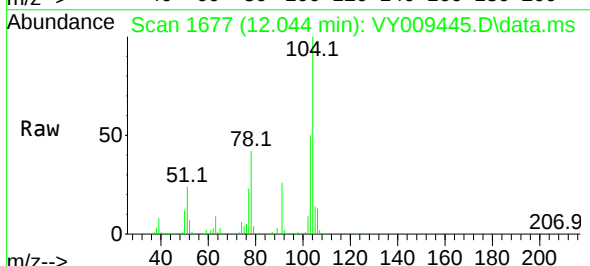
Manual Integrations
APPROVED

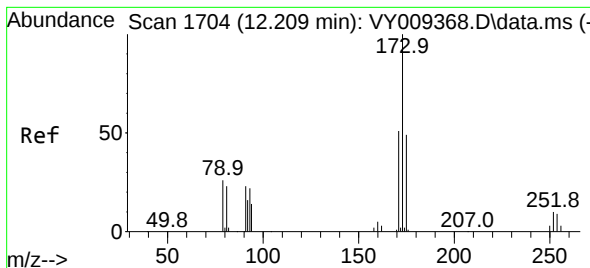
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#70
Styrene
Concen: 52.220 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17

Tgt Ion:104 Resp: 291981
Ion Ratio Lower Upper
104 100
78 47.9 42.4 63.6
103 54.7 44.4 66.6





#71

Bromoform

Concen: 51.694 ug/l

RT: 12.203 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VY009445.D

Acq: 06 Jul 2022 11:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 6142

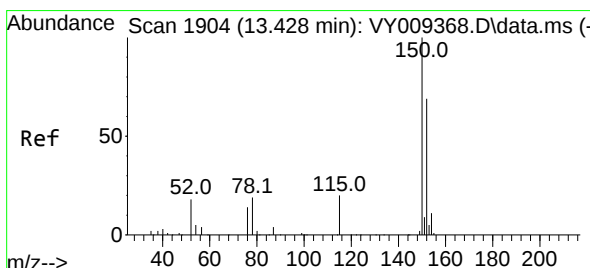
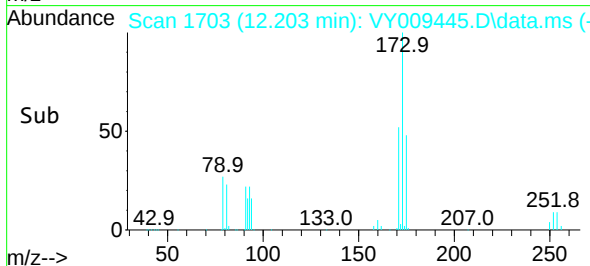
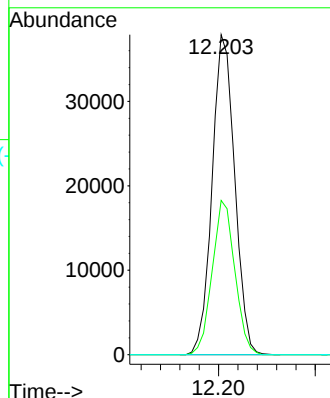
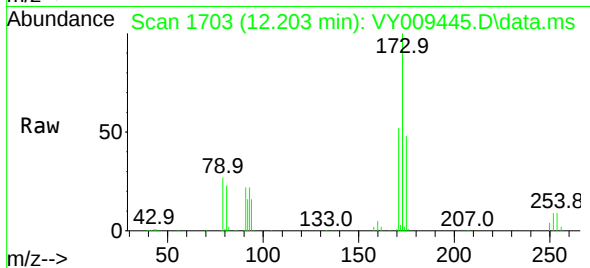
Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.6	74.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

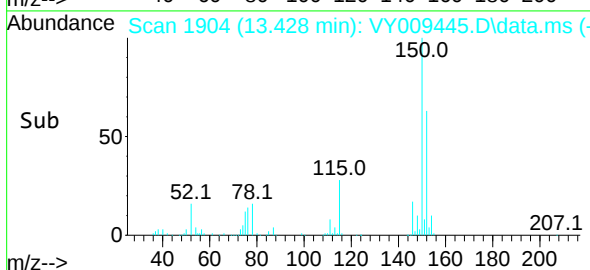
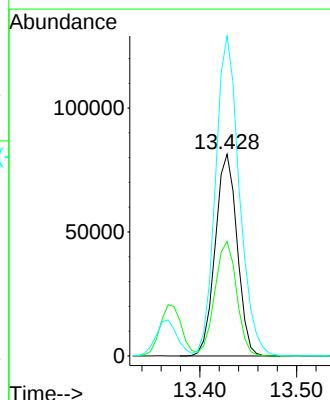
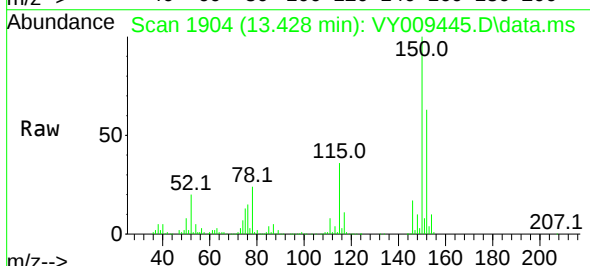
Delta R.T. 0.006 min

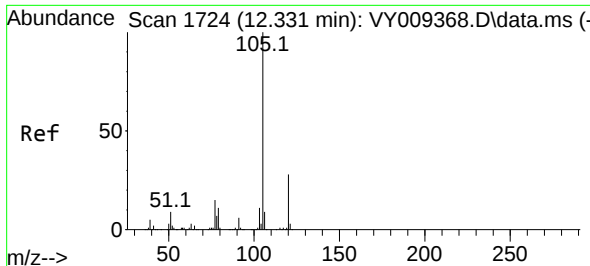
Lab File: VY009445.D

Acq: 06 Jul 2022 11:17

Tgt Ion:152 Resp: 127777

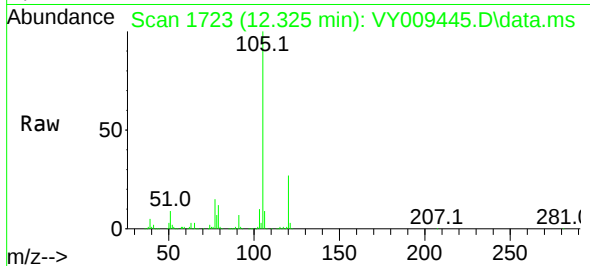
Ion	Ratio	Lower	Upper
152	100		
115	56.4	28.2	84.7
150	172.9	0.0	347.6





#73
Isopropylbenzene
Concen: 48.238 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17

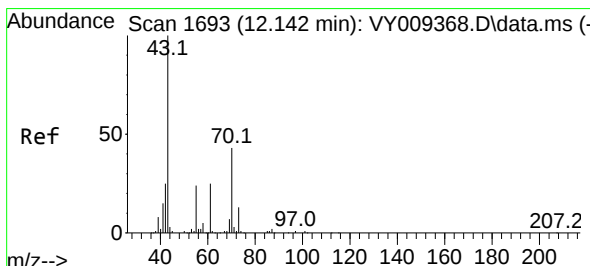
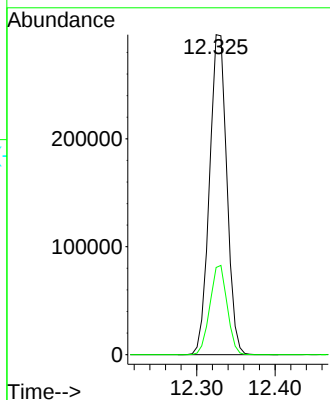
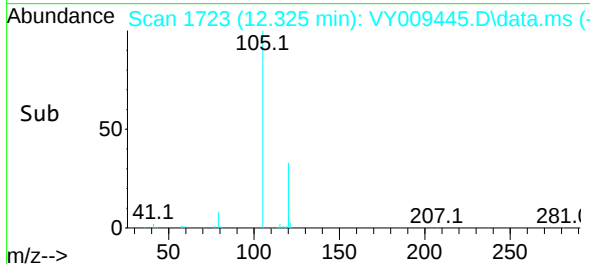
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



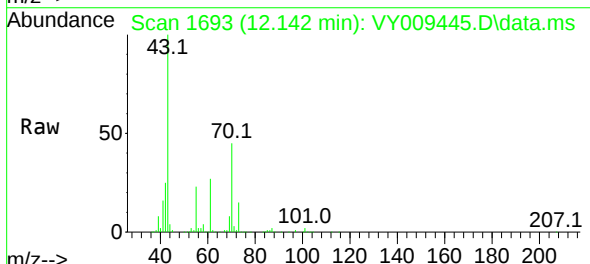
Tgt Ion:105 Resp: 455262
Ion Ratio Lower Upper
105 100
120 27.8 13.4 40.2

Manual Integrations
APPROVED

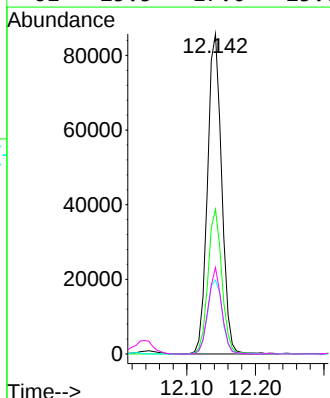
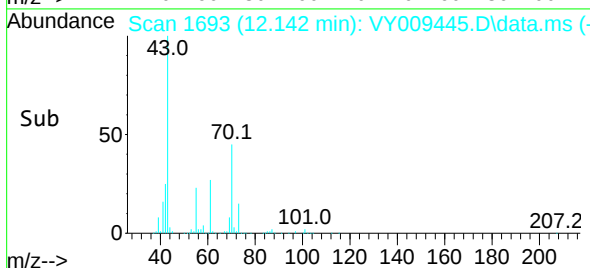
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

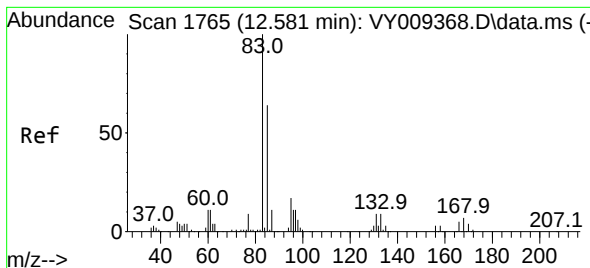


#74
N-amy1 acetate
Concen: 49.907 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17



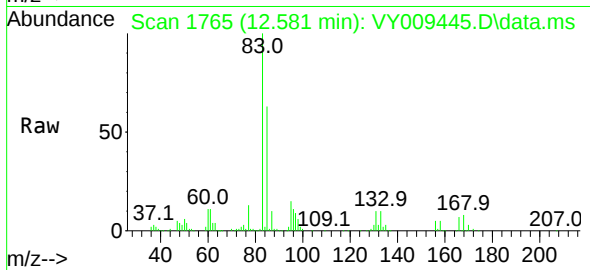
Tgt Ion: 43 Resp: 123552
Ion Ratio Lower Upper
43 100
70 44.1 28.7 43.1#
55 24.3 17.3 25.9
61 25.5 17.0 25.6





#75
1,1,2,2-Tetrachloroethane
Concen: 47.366 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17

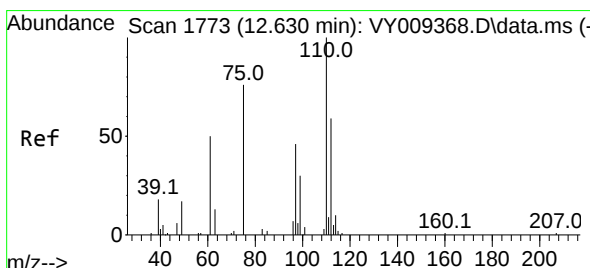
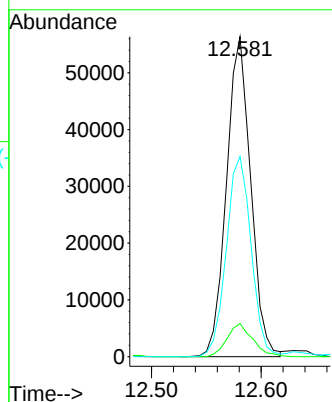
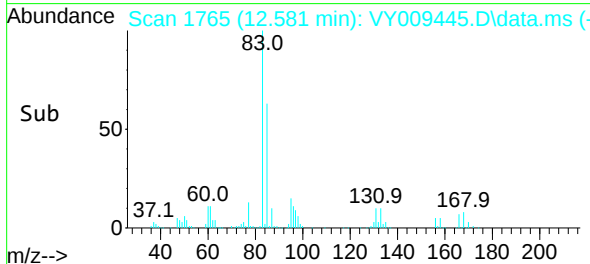
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



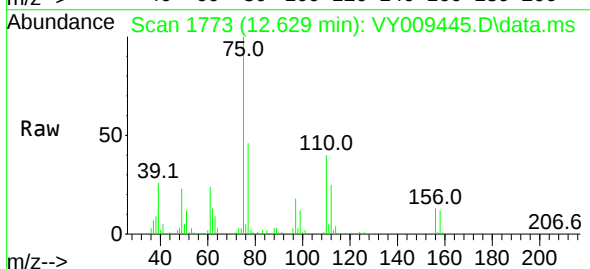
Tgt Ion: 83 Resp: 86594
Ion Ratio Lower Upper
83 100
131 11.0 5.6 16.8
85 64.0 32.3 96.8

Manual Integrations
APPROVED

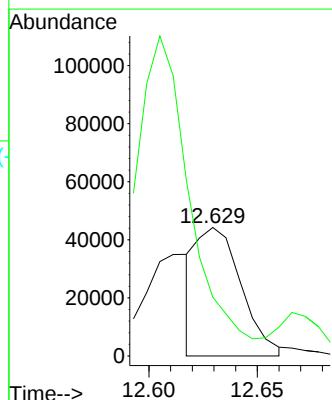
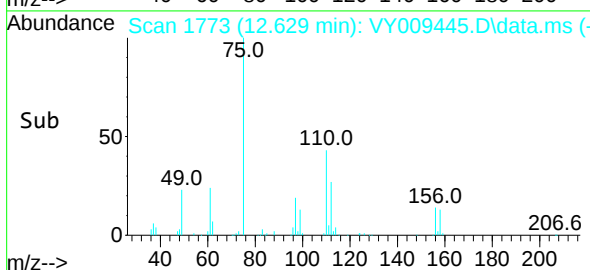
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

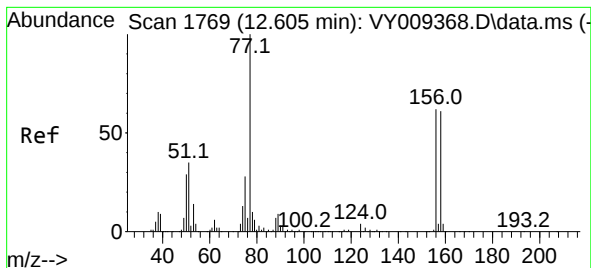


#76
1,2,3-Trichloropropane
Concen: 42.523 ug/l m
RT: 12.629 min Scan# 1773
Delta R.T. -0.001 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17



Tgt Ion: 75 Resp: 63630
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.012 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY009445.D

Acq: 06 Jul 2022 11:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

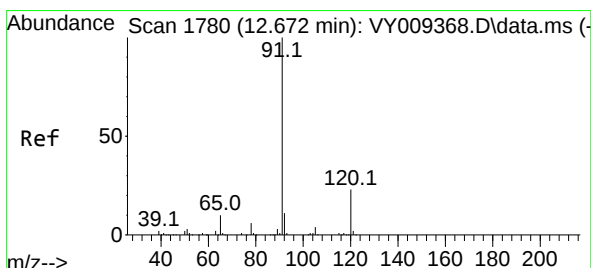
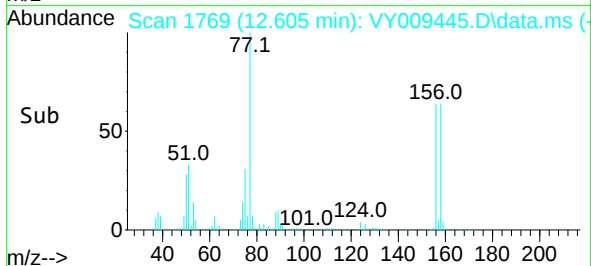
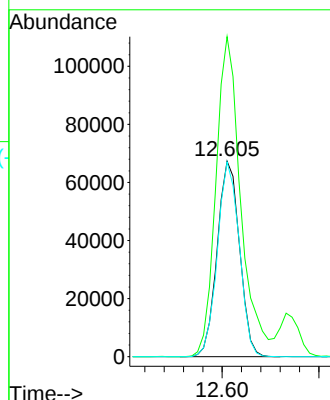
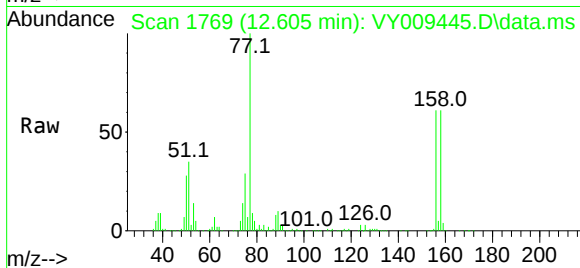
Tgt Ion:	156	Resp:	108018
Ion Ratio	Lower	Upper	
156	100		
77	180.9	95.5	286.4
158	97.5	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#78

n-propylbenzene

Concen: 48.747 ug/l

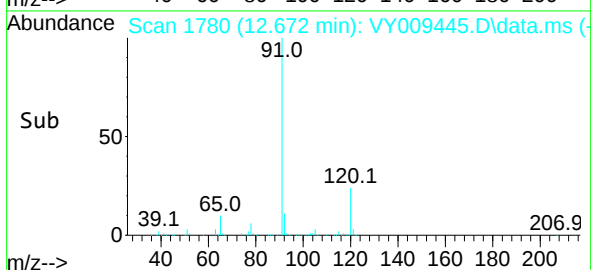
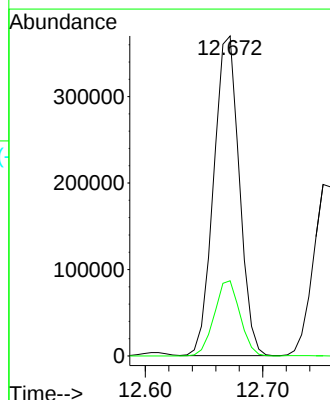
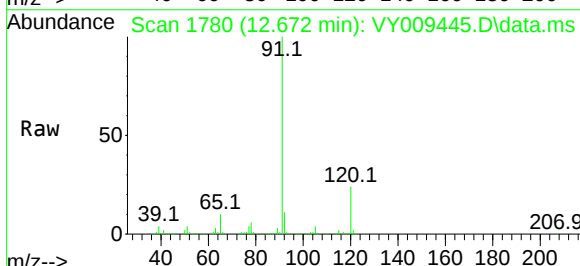
RT: 12.672 min Scan# 1780

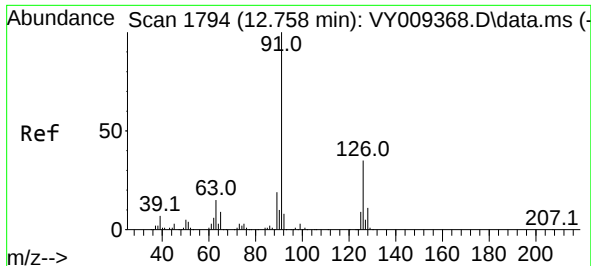
Delta R.T. 0.000 min

Lab File: VY009445.D

Acq: 06 Jul 2022 11:17

Tgt Ion:	91	Resp:	559648
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.3	33.9





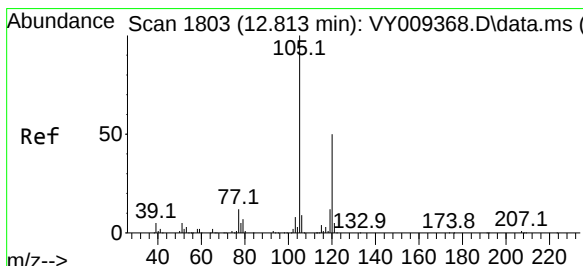
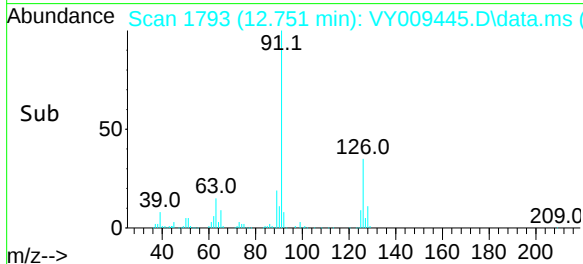
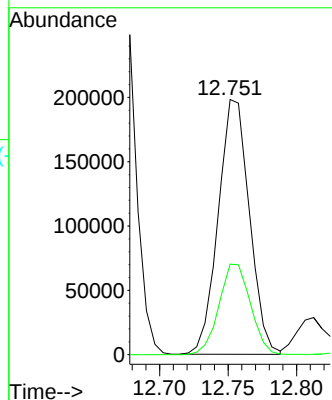
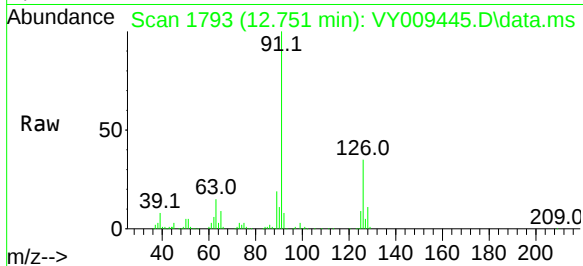
#79
2-Chlorotoluene
Concen: 48.536 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.001 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 314520
Ion Ratio Lower Upper
91 100
126 35.9 16.9 50.6

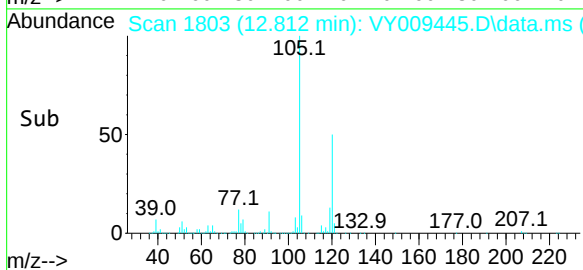
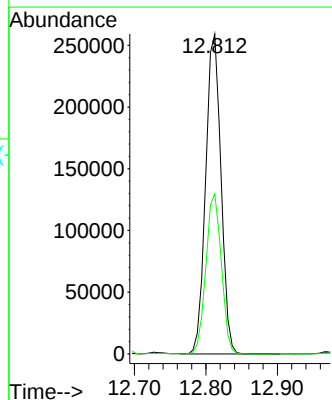
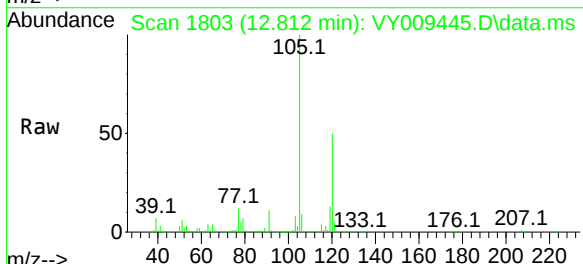
Manual Integrations
APPROVED

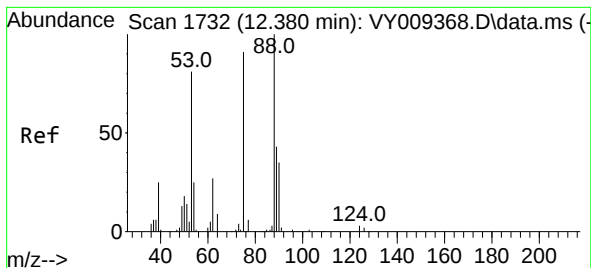
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#80
1,3,5-Trimethylbenzene
Concen: 48.834 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17

Tgt Ion:105 Resp: 385425
Ion Ratio Lower Upper
105 100
120 50.6 24.4 73.4





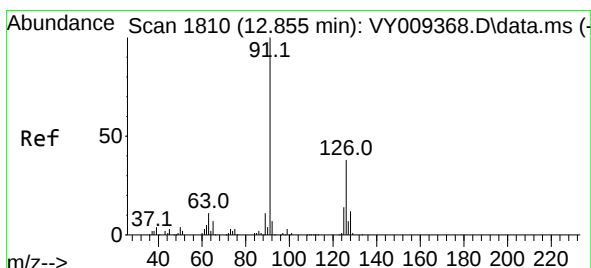
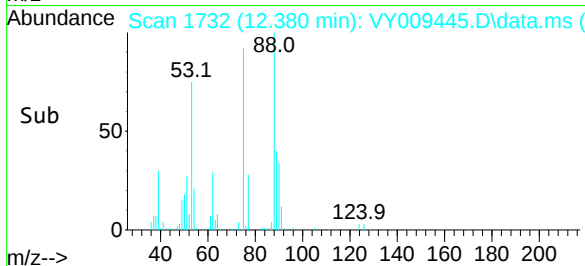
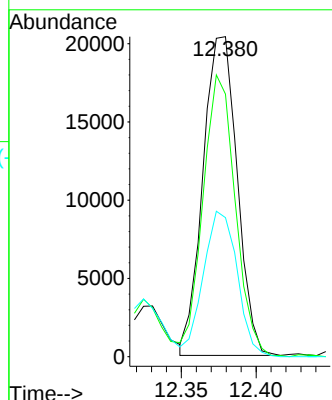
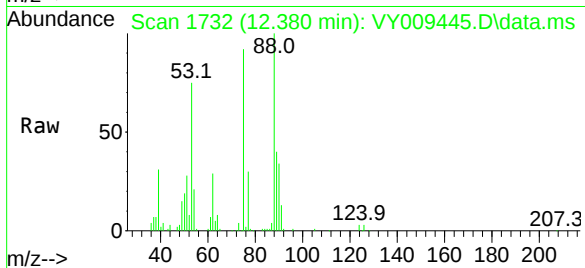
#81
trans-1,4-Dichloro-2-butene
Concen: 48.258 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.005 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 3243
Ion Ratio Lower Upper
75 100
53 83.5 85.3 127.9
89 45.2 37.0 55.4

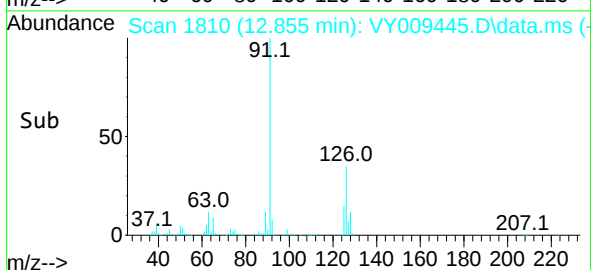
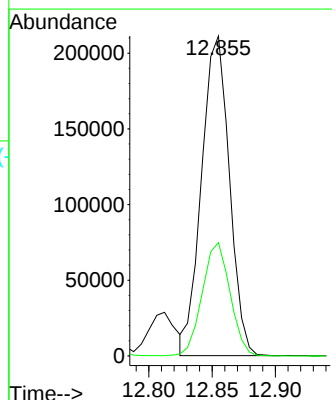
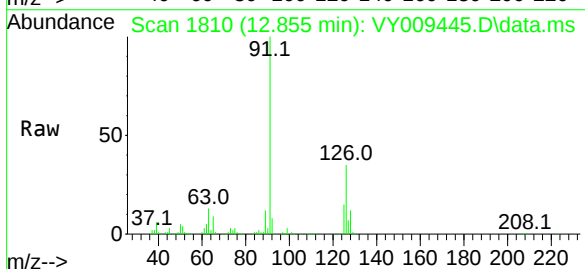
Manual Integrations
APPROVED

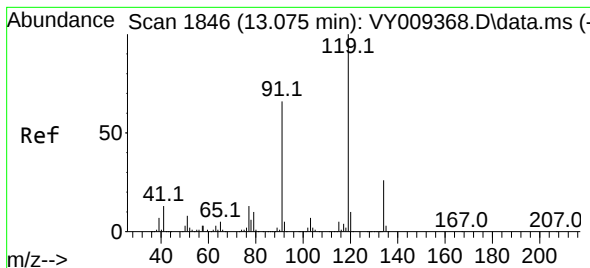
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#82
4-Chlorotoluene
Concen: 48.030 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17

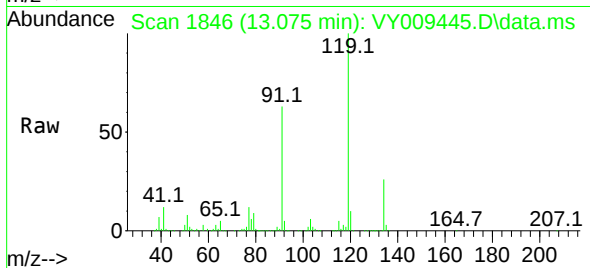
Tgt Ion: 91 Resp: 323448
Ion Ratio Lower Upper
91 100
126 35.5 17.0 51.0





#83
tert-Butylbenzene
Concen: 51.650 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17

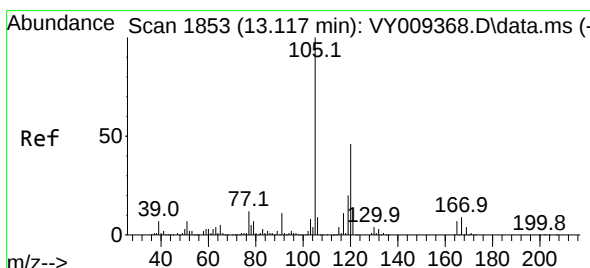
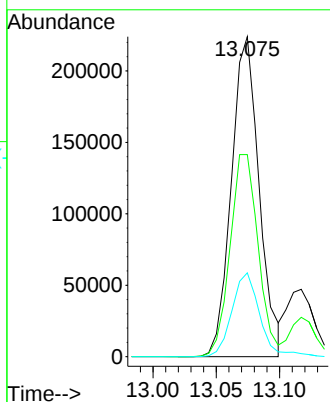
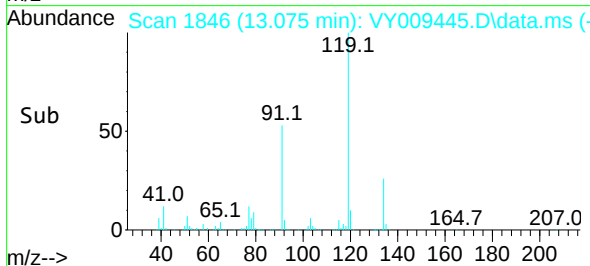
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



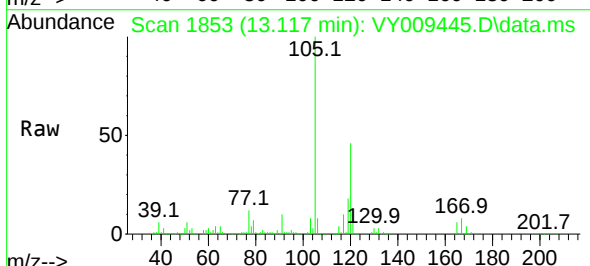
Tgt Ion:119 Resp: 342498
Ion Ratio Lower Upper
119 100
91 63.9 34.8 104.4
134 26.3 13.3 39.9

Manual Integrations
APPROVED

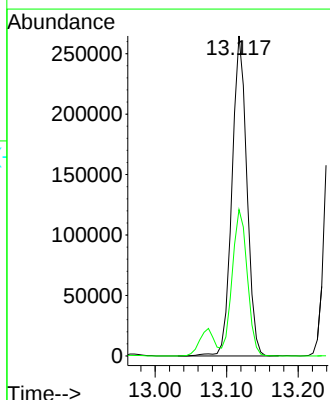
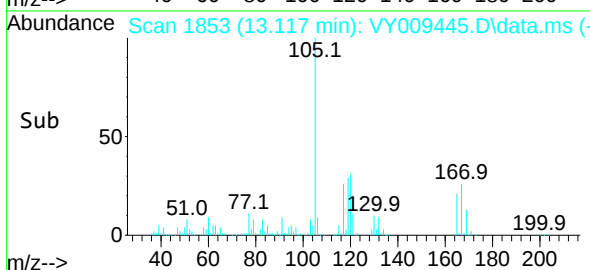
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

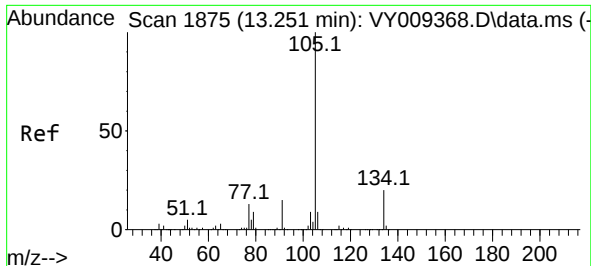


#84
1,2,4-Trimethylbenzene
Concen: 50.965 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17



Tgt Ion:105 Resp: 382241
Ion Ratio Lower Upper
105 100
120 46.1 22.3 66.9





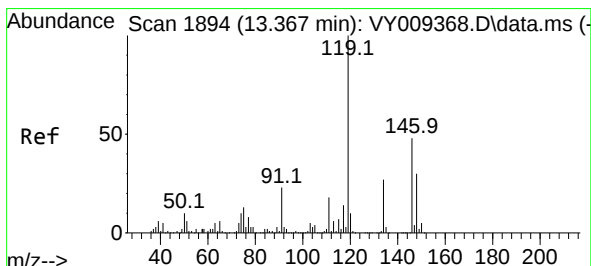
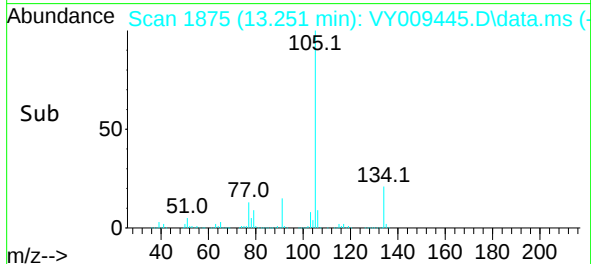
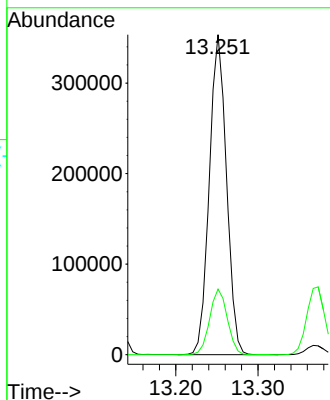
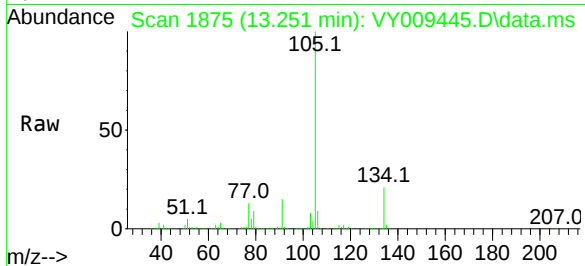
#85
 sec-Butylbenzene
 Concen: 51.333 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY009445.D
 Acq: 06 Jul 2022 11:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 512689
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.2 30.4

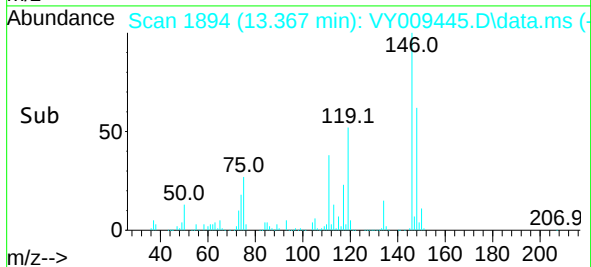
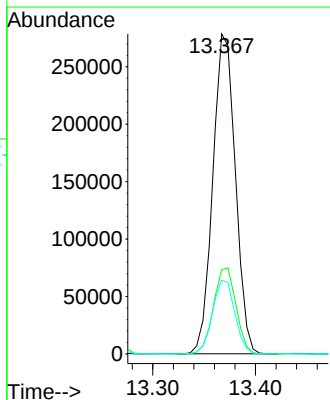
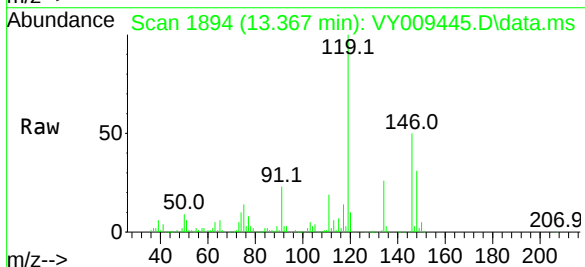
Manual Integrations
 APPROVED

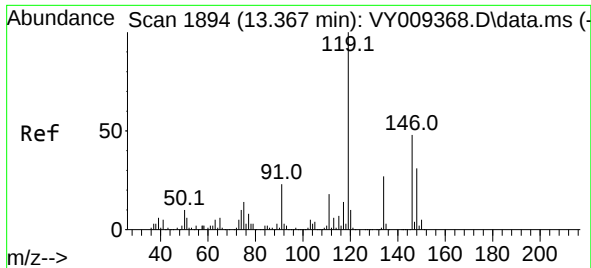
Reviewed By :John Carlone 07/07/2022
 Supervised By :Mahesh Dadoda 07/07/2022



#86
 p-Isopropyltoluene
 Concen: 50.490 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY009445.D
 Acq: 06 Jul 2022 11:17

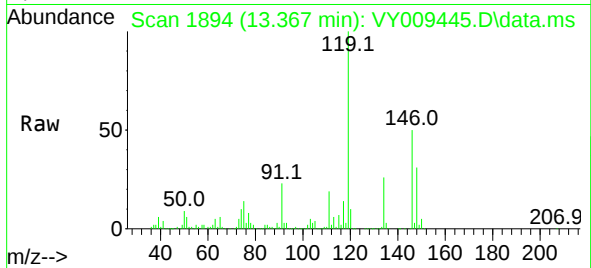
Tgt Ion:119 Resp: 424046
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.2 39.5
 91 22.9 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 48.682 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17

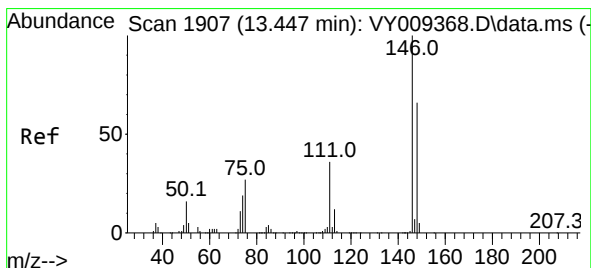
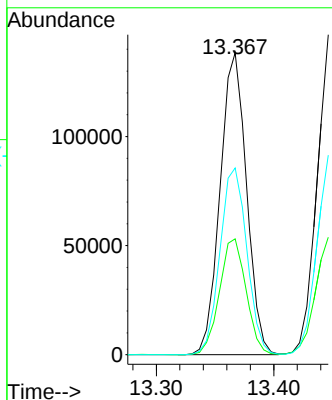
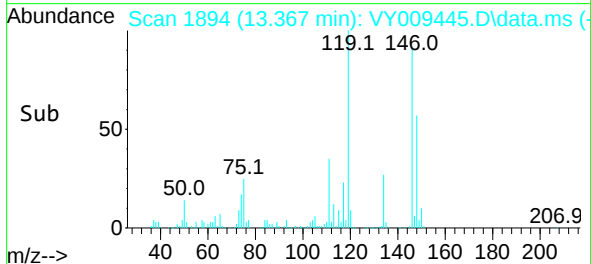
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



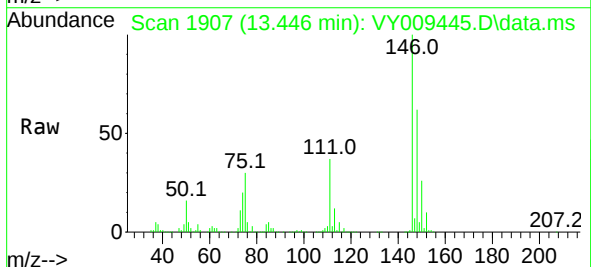
Tgt Ion:146 Resp: 216384
Ion Ratio Lower Upper
146 100
111 38.7 19.5 58.5
148 63.2 31.6 95.0

Manual Integrations
APPROVED

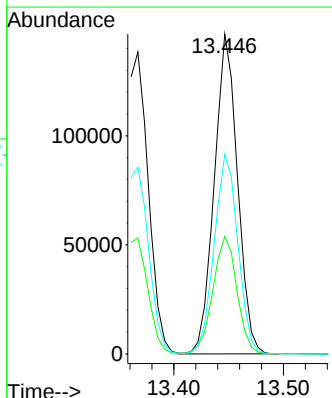
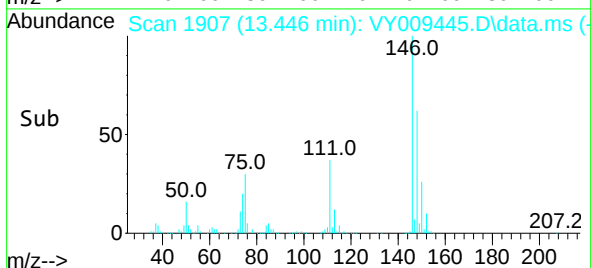
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

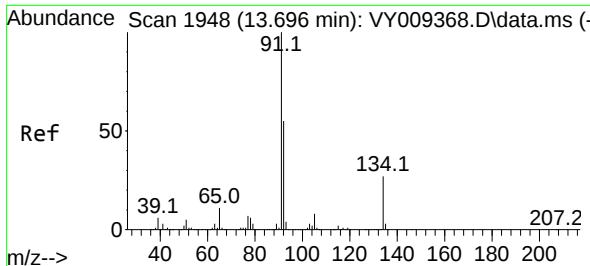


#88
1,4-Dichlorobenzene
Concen: 47.224 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17



Tgt Ion:146 Resp: 215994
Ion Ratio Lower Upper
146 100
111 38.0 19.3 57.8
148 63.9 32.6 97.8





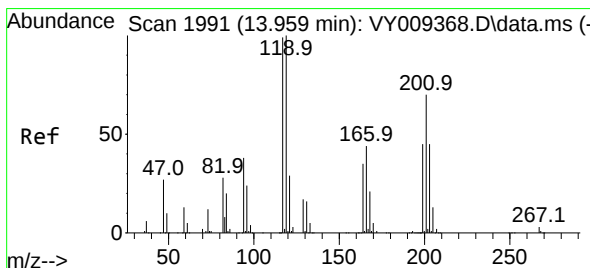
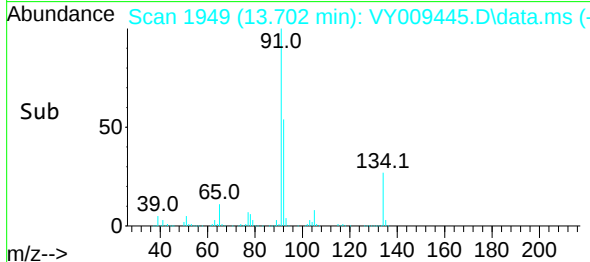
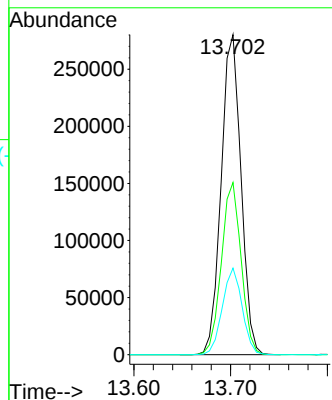
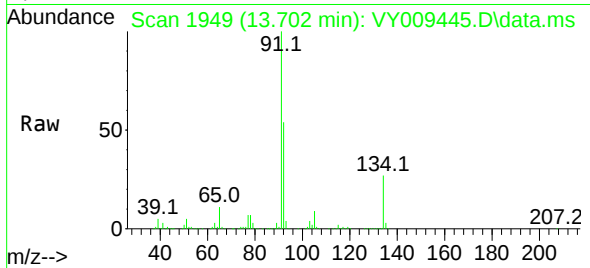
#89
n-Butylbenzene
Concen: 50.526 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 398718
Ion Ratio Lower Upper
91 100
92 53.6 26.3 78.9
134 26.9 13.0 38.9

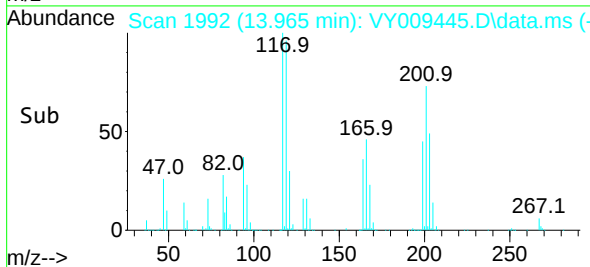
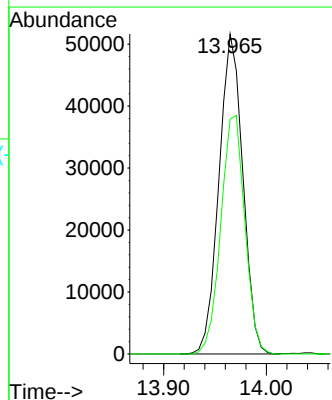
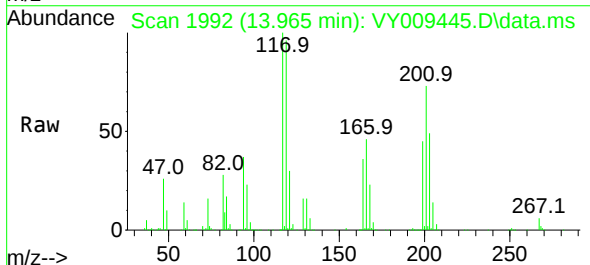
Manual Integrations
APPROVED

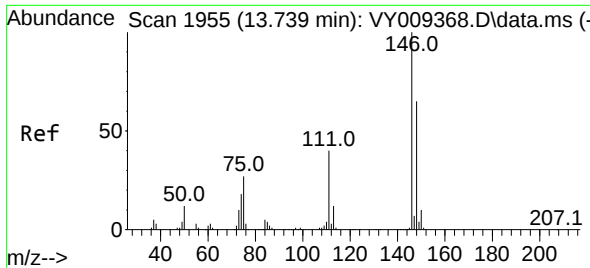
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#90
Hexachloroethane
Concen: 49.879 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17

Tgt Ion:117 Resp: 83057
Ion Ratio Lower Upper
117 100
201 75.3 43.0 128.8





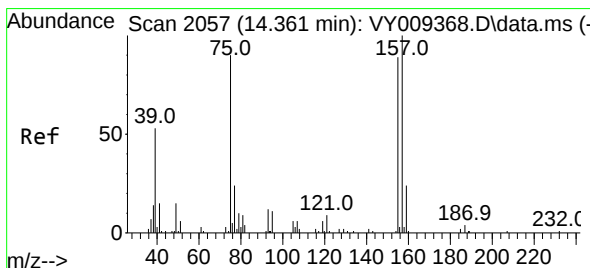
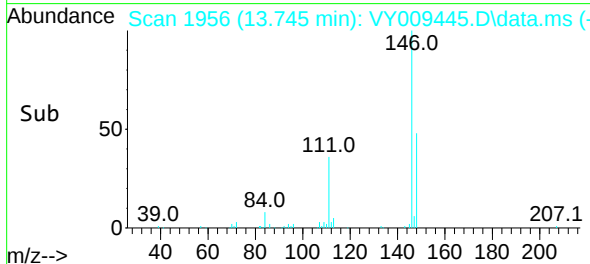
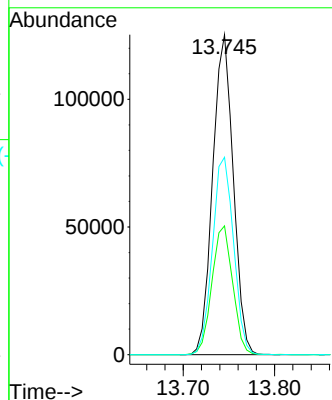
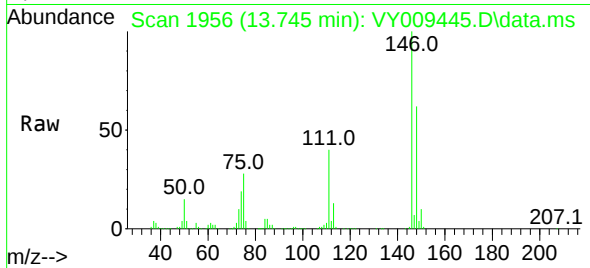
#91
1,2-Dichlorobenzene
Concen: 48.622 ug/l
RT: 13.745 min Scan# 1955
Delta R.T. 0.006 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 196012
Ion Ratio Lower Upper
146 100
111 40.6 20.3 60.9
148 63.4 32.3 96.9

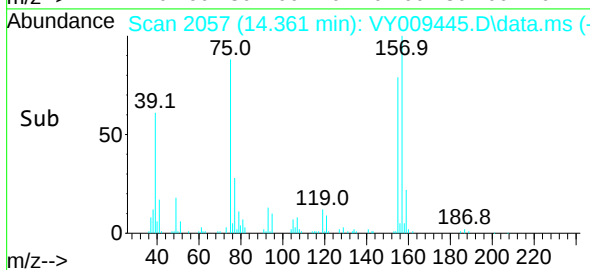
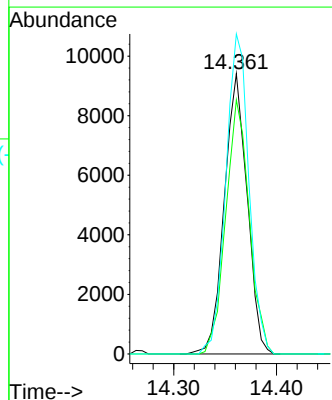
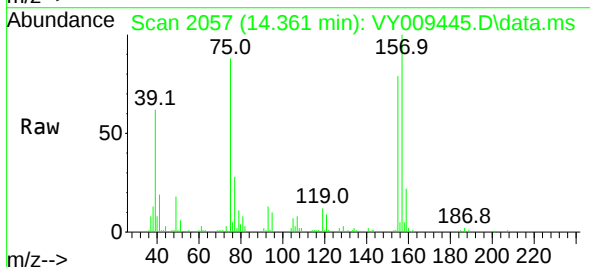
Manual Integrations
APPROVED

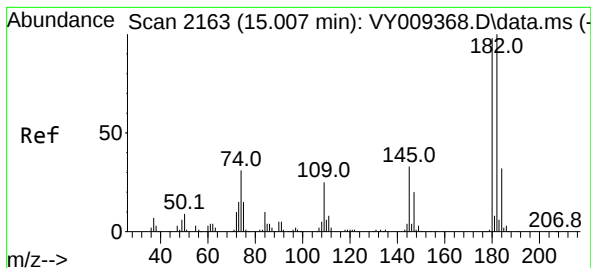
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.304 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17

Tgt Ion: 75 Resp: 14494
Ion Ratio Lower Upper
75 100
155 93.0 38.0 113.9
157 115.4 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 50.733 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY009445.D

Acq: 06 Jul 2022 11:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

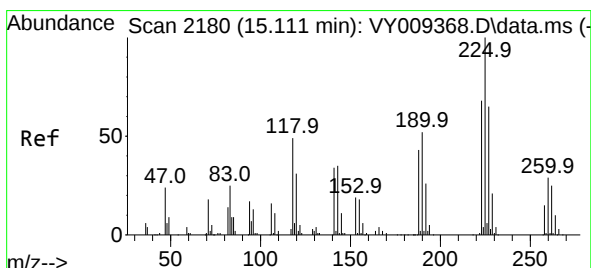
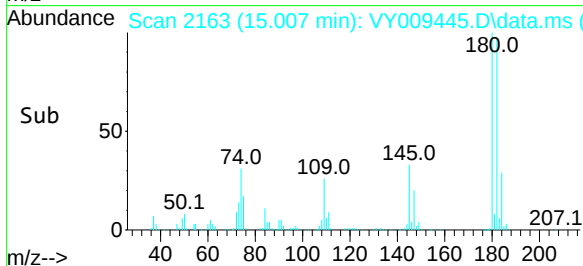
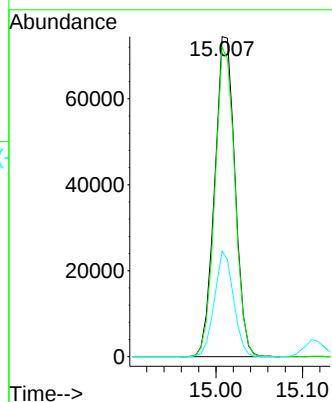
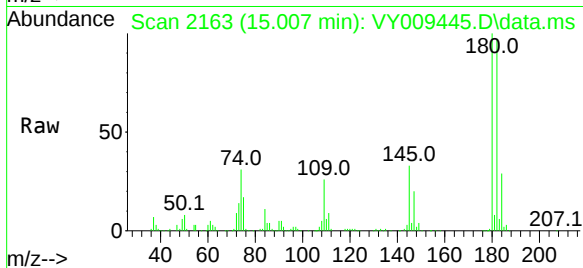
Tgt Ion:180	Resp:	121404
Ion Ratio	Lower	Upper
180	100	
182	94.7	47.3 141.9
145	31.0	14.6 43.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#94

Hexachlorobutadiene

Concen: 49.096 ug/l

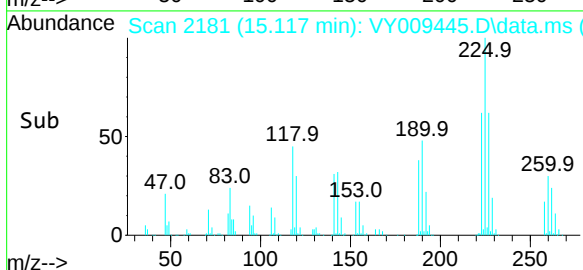
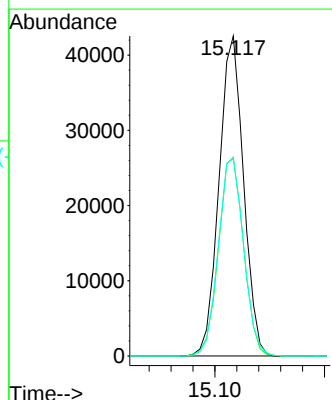
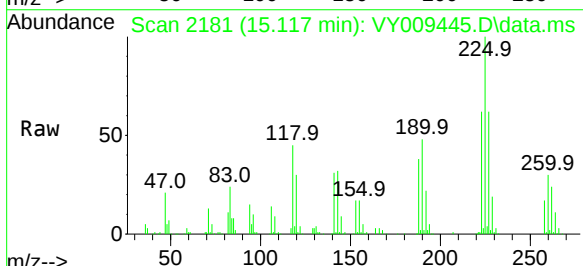
RT: 15.117 min Scan# 2181

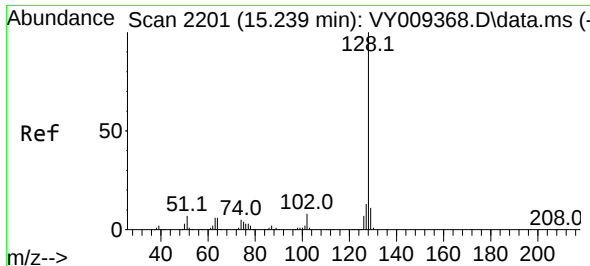
Delta R.T. 0.006 min

Lab File: VY009445.D

Acq: 06 Jul 2022 11:17

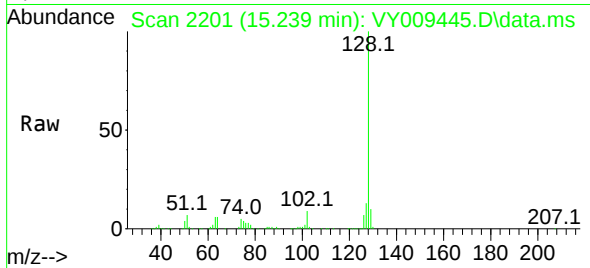
Tgt Ion:225	Resp:	65954
Ion Ratio	Lower	Upper
225	100	
223	63.4	30.8 92.3
227	64.2	31.6 94.7





#95
Naphthalene
Concen: 52.445 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17

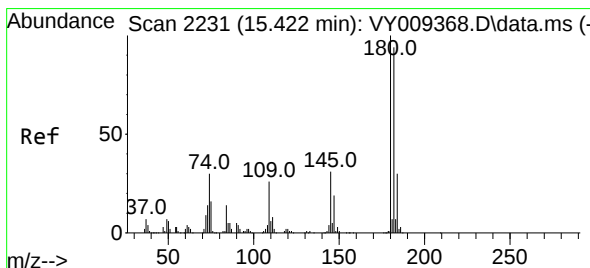
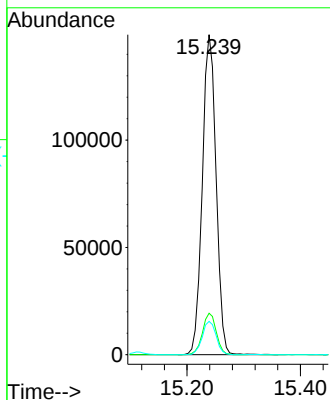
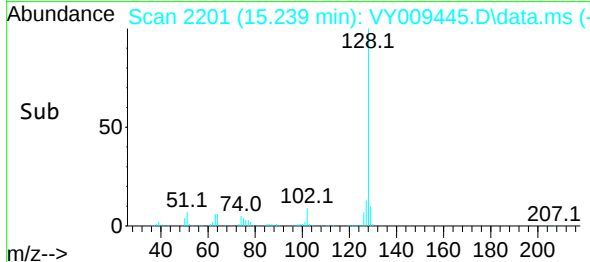
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 251274
Ion Ratio Lower Upper
128 100
127 13.0 11.0 16.4
129 10.5 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#96
1,2,3-Trichlorobenzene
Concen: 51.730 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY009445.D
Acq: 06 Jul 2022 11:17

Tgt Ion:180 Resp: 107547
Ion Ratio Lower Upper
180 100
182 94.0 47.3 141.9
145 31.5 15.3 45.9

