

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072122\
 Data File : VY009622.D
 Acq On : 21 Jul 2022 10:08
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 22 02:27:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	227230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	332809	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	299913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	148036	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	103140	47.994	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.980%
35) Dibromofluoromethane	7.710	113	107492	51.268	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.540%
50) Toluene-d8	10.173	98	395189	49.029	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	98.060%
62) 4-Bromofluorobenzene	12.477	95	130611	50.009	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	100.020%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	101087	50.699	ug/l	99
3) Chloromethane	2.107	50	131697	44.572	ug/l	96
4) Vinyl Chloride	2.241	62	165164	53.453	ug/l	98
5) Bromomethane	2.638	94	122679	58.660	ug/l	96
6) Chloroethane	2.784	64	106664	56.830	ug/l	98
7) Trichlorofluoromethane	3.113	101	202922	55.422	ug/l	93
8) Diethyl Ether	3.515	74	63874	53.320	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.881	101	118221	55.216	ug/l	93
10) Methyl Iodide	4.076	142	161707	56.858	ug/l #	88
11) Tert butyl alcohol	4.948	59	48800	225.360	ug/l #	93
12) 1,1-Dichloroethene	3.863	96	112637	53.903	ug/l #	77
13) Acrolein	3.717	56	31641	205.944	ug/l	98
14) Allyl chloride	4.466	41	153361	47.444	ug/l #	92
15) Acrylonitrile	5.149	53	146647	247.861	ug/l	98
16) Acetone	3.936	43	144543	265.880	ug/l #	88
17) Carbon Disulfide	4.180	76	328690	50.598	ug/l	99
18) Methyl Acetate	4.466	43	65133	42.682	ug/l #	84
19) Methyl tert-butyl Ether	5.210	73	300660	54.593	ug/l	94
20) Methylene Chloride	4.698	84	134123	49.140	ug/l #	79
21) trans-1,2-Dichloroethene	5.204	96	127845	54.055	ug/l #	82
22) Diisopropyl ether	6.106	45	329032	47.668	ug/l #	93
23) Vinyl Acetate	6.045	43	1077382	247.383	ug/l #	89
24) 1,1-Dichloroethane	6.003	63	204264	51.236	ug/l	98
25) 2-Butanone	6.978	43	196098	247.286	ug/l #	81
26) 2,2-Dichloropropane	6.972	77	191454	53.607	ug/l	93
27) cis-1,2-Dichloroethene	6.972	96	143878	55.023	ug/l	82
28) Bromochloromethane	7.320	49	77897	45.603	ug/l #	65
29) Tetrahydrofuran	7.338	42	122687	235.648	ug/l #	80
30) Chloroform	7.496	83	220819	54.145	ug/l	98
31) Cyclohexane	7.777	56	178171	47.019	ug/l	87
32) 1,1,1-Trichloroethane	7.691	97	203717	55.690	ug/l	95
36) 1,1-Dichloropropene	7.911	75	167986	54.218	ug/l	95
37) Ethyl Acetate	7.064	43	82680	47.947	ug/l #	93
38) Carbon Tetrachloride	7.893	117	187871	57.924	ug/l	99
39) Methylcyclohexane	9.179	83	213113	55.784	ug/l #	86
40) Benzene	8.149	78	482078	53.174	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	115610	139.716	ug/l #	38
42) 1,2-Dichloroethane	8.228	62	138471	54.446	ug/l	91
43) Isopropyl Acetate	8.265	43	156730	49.602	ug/l #	89
44) Trichloroethene	8.935	130	145691	56.505	ug/l	97
45) 1,2-Dichloropropane	9.209	63	114764	51.596	ug/l	94
46) Dibromomethane	9.301	93	72437	56.073	ug/l	93
47) Bromodichloromethane	9.490	83	171006	56.453	ug/l	99
48) Methyl methacrylate	9.289	41	71195	50.998	ug/l #	84
49) 1,4-Dioxane	9.295	88	18842	1094.216	ug/l #	76
51) 4-Methyl-2-Pentanone	10.063	43	412654	251.523	ug/l	88
52) Toluene	10.240	92	316539	55.120	ug/l	94
53) t-1,3-Dichloropropene	10.459	75	173397	55.422	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	196076	55.118	ug/l #	85
55) 1,1,2-Trichloroethane	10.642	97	102243	56.197	ug/l	96
56) Ethyl methacrylate	10.508	69	130838	56.210	ug/l #	80
57) 1,3-Dichloropropane	10.788	76	163734	54.232	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	299932	239.936	ug/l	90
59) 2-Hexanone	10.831	43	293546	257.251	ug/l	85
60) Dibromochloromethane	10.984	129	128734	58.475	ug/l	100
61) 1,2-Dibromoethane	11.087	107	99564	56.090	ug/l	99
64) Tetrachloroethene	10.715	164	142012	60.504	ug/l	97
65) Chlorobenzene	11.514	112	343008	55.968	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	132743	58.297	ug/l	99
67) Ethyl Benzene	11.587	91	599755	55.641	ug/l	97
68) m/p-Xylenes	11.697	106	478715	111.593	ug/l	90
69) o-Xylene	12.026	106	226977	56.540	ug/l	89
70) Styrene	12.044	104	378911	56.748	ug/l	94
71) Bromoform	12.203	173	85961	59.822	ug/l #	98
73) Isopropylbenzene	12.325	105	591869	57.746	ug/l	99
74) N-amyl acetate	12.142	43	138770	50.908	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	108707	52.959	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	144344	102.357	ug/l #	100
77) Bromobenzene	12.605	156	151413	58.746	ug/l	83
78) n-propylbenzene	12.666	91	695487	56.156	ug/l	96
79) 2-Chlorotoluene	12.752	91	384142	55.943	ug/l	93
80) 1,3,5-Trimethylbenzene	12.813	105	490325	57.894	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.374	75	38112	53.289	ug/l	86
82) 4-Chlorotoluene	12.855	91	394930	55.439	ug/l	94
83) tert-Butylbenzene	13.075	119	441933	58.733	ug/l	91
84) 1,2,4-Trimethylbenzene	13.117	105	486712	57.463	ug/l	97
85) sec-Butylbenzene	13.251	105	637881	57.178	ug/l	97
86) p-Isopropyltoluene	13.367	119	548670	58.523	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	291675	57.207	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	285622	56.500	ug/l	97
89) n-Butylbenzene	13.696	91	490468	57.282	ug/l	98
90) Hexachloroethane	13.959	117	102841	56.937	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	255640	57.395	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	18068	57.859	ug/l	65
93) 1,2,4-Trichlorobenzene	15.007	180	172389	61.665	ug/l	99
94) Hexachlorobutadiene	15.111	225	103317	62.298	ug/l	99
95) Naphthalene	15.233	128	335978	62.948	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	150985	61.484	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Jul 19 04:22:09 2022
Response via : Initial Calibration

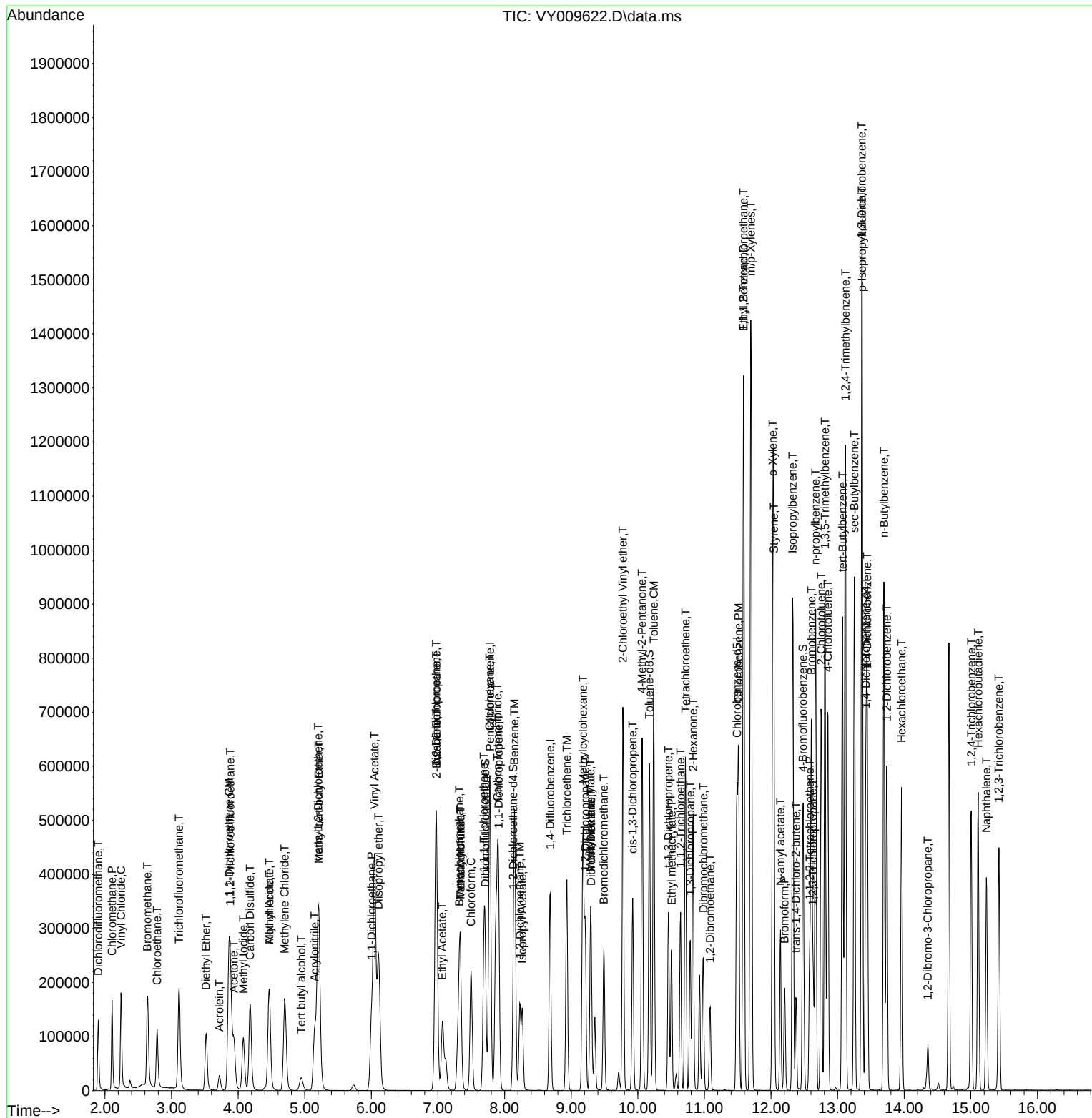
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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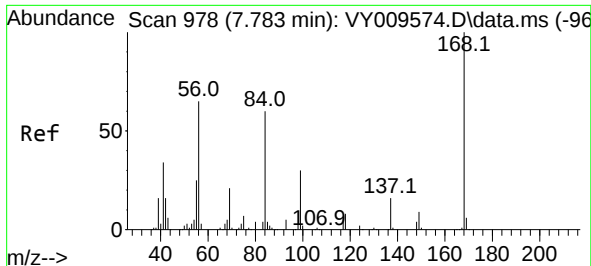
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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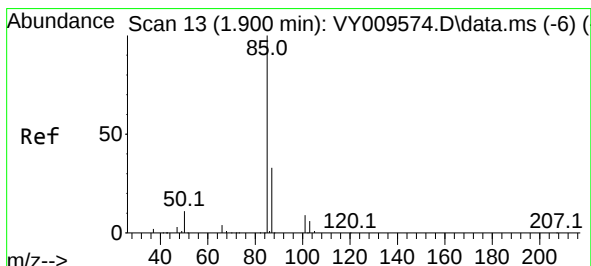
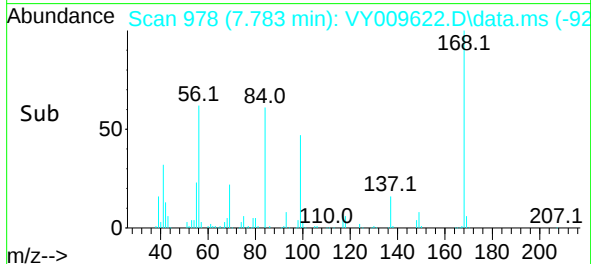
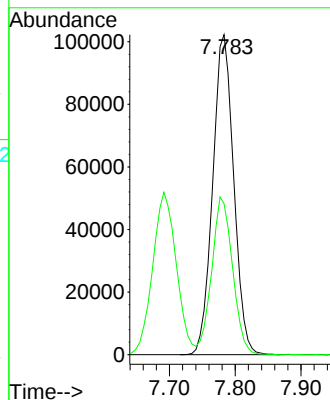
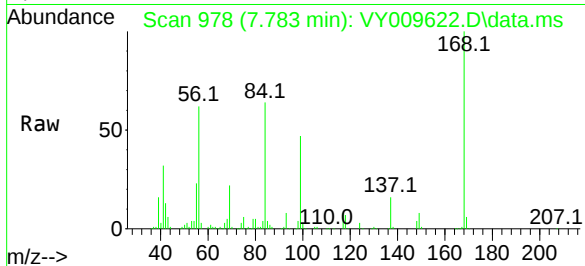




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
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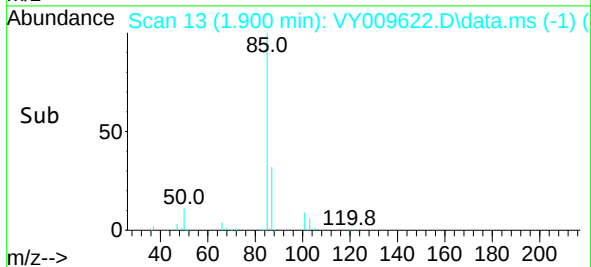
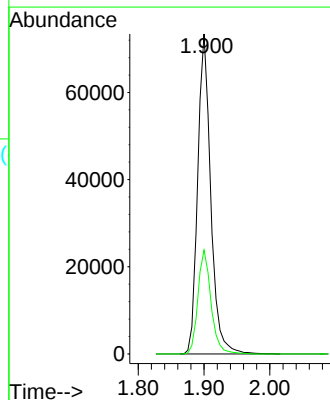
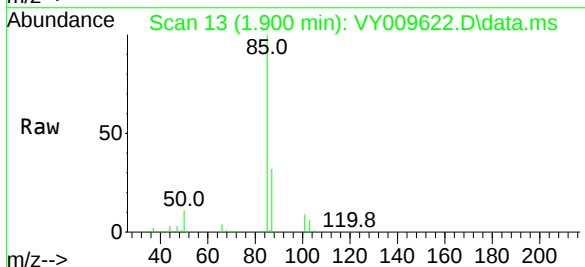
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

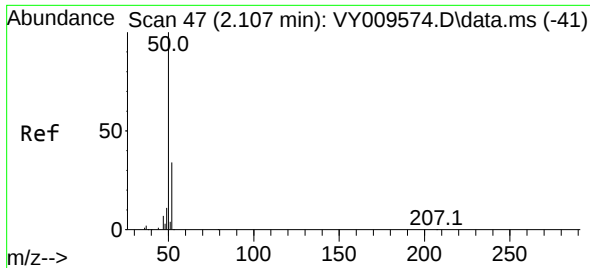
Tgt Ion:168 Resp: 227230
Ion Ratio Lower Upper
168 100
99 47.2 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 50.699 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

Tgt Ion: 85 Resp: 101087
Ion Ratio Lower Upper
85 100
87 32.5 16.1 48.2

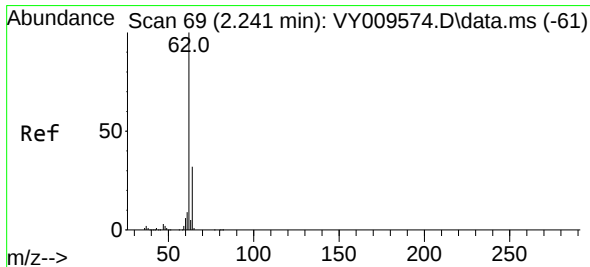
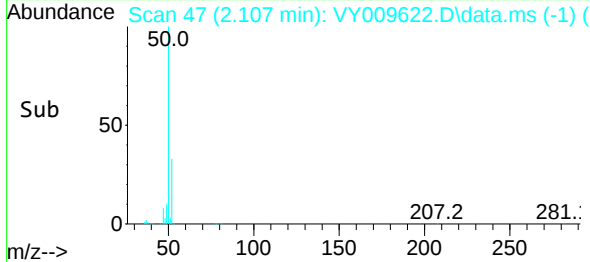
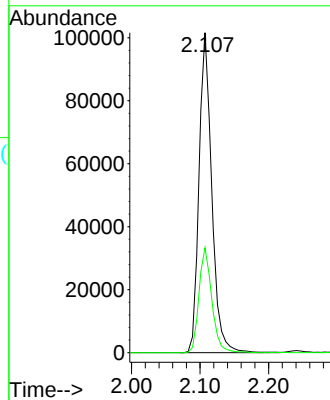
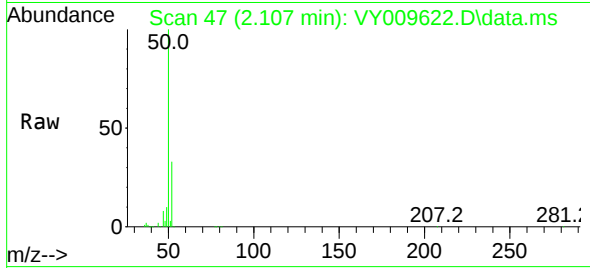




#3
Chloromethane
Concen: 44.572 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

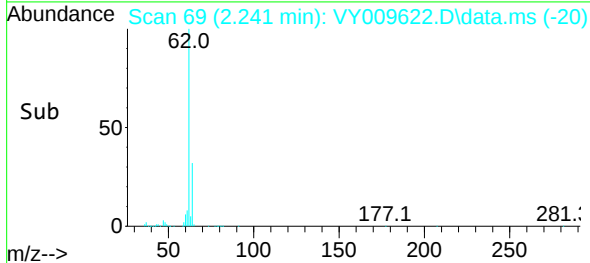
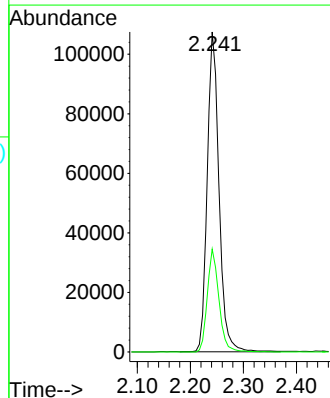
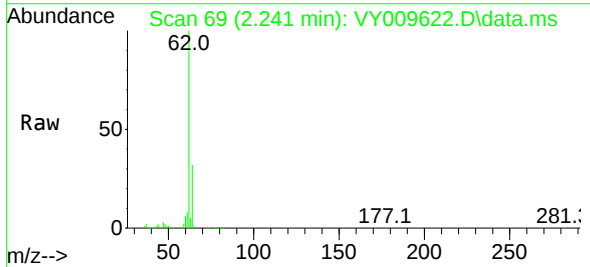
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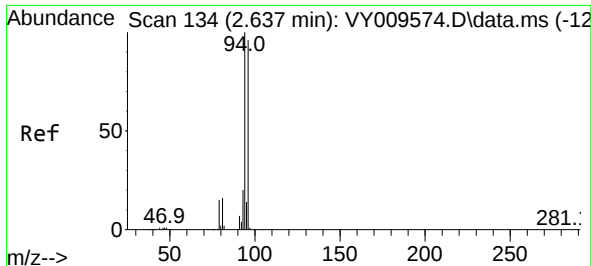
Tgt Ion: 50 Resp: 131697
Ion Ratio Lower Upper
50 100
52 32.8 24.6 37.0



#4
Vinyl Chloride
Concen: 53.453 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

Tgt Ion: 62 Resp: 165164
Ion Ratio Lower Upper
62 100
64 32.2 25.0 37.6

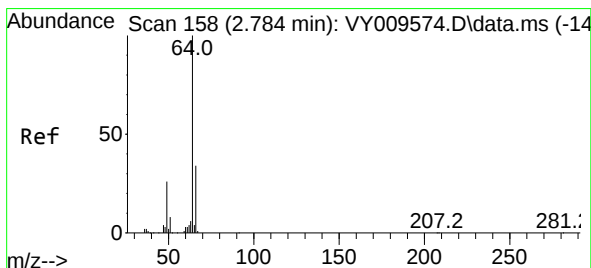
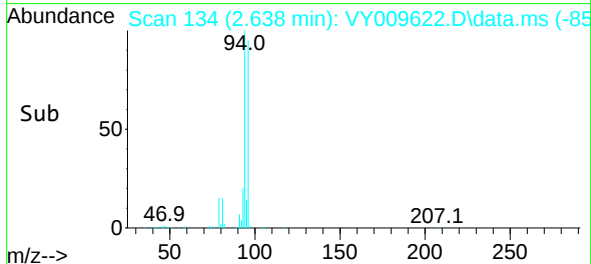
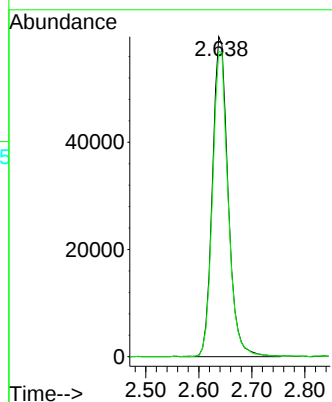
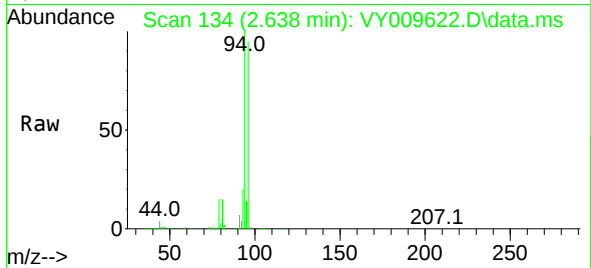




#5
Bromomethane
Concen: 58.660 ug/l
RT: 2.638 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009622.D
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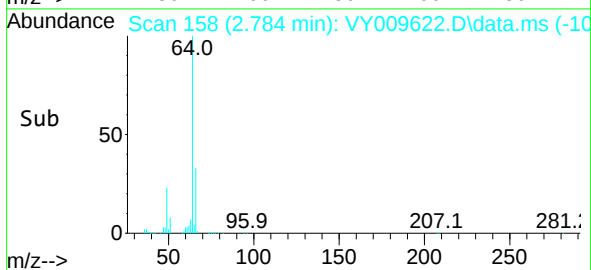
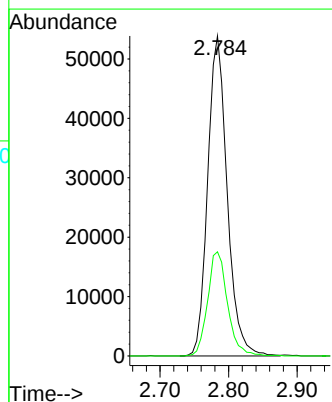
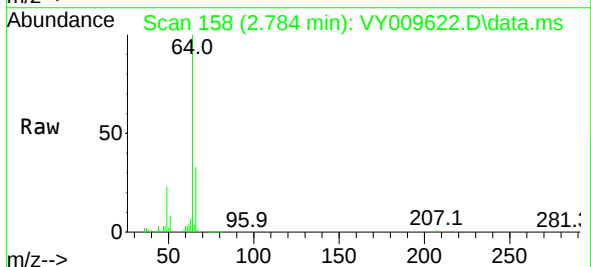
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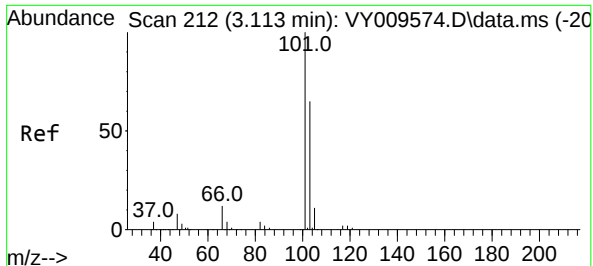
Tgt Ion: 94 Resp: 122679
Ion Ratio Lower Upper
94 100
96 95.3 73.5 110.3



#6
Chloroethane
Concen: 56.830 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.000 min
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Tgt Ion: 64 Resp: 106664
Ion Ratio Lower Upper
64 100
66 32.5 25.4 38.0

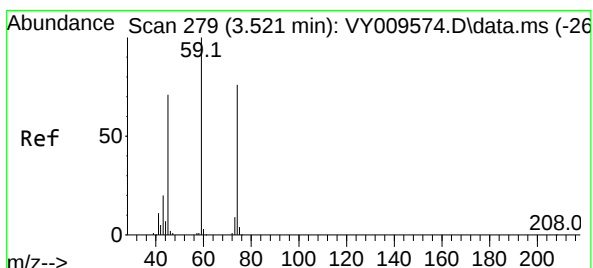
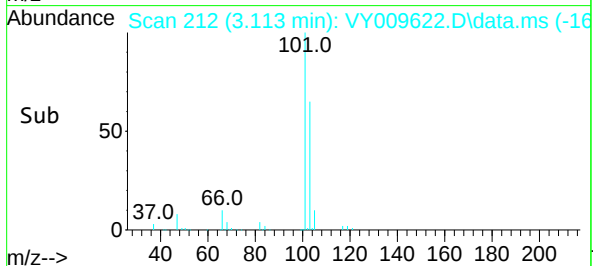
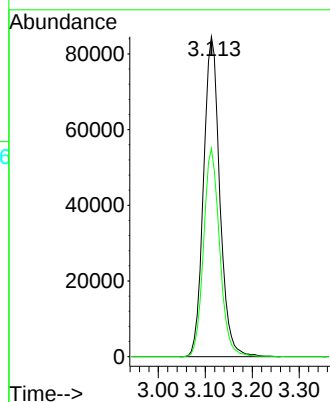
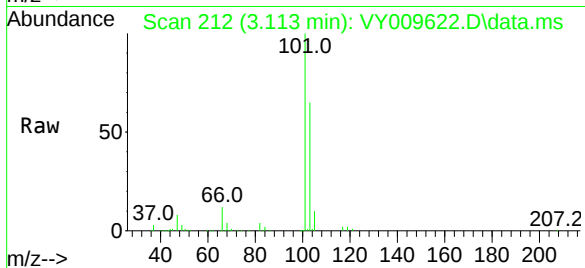




#7
 Trichlorofluoromethane
 Concen: 55.422 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. 0.000 min
 Lab File: VY009622.D
 Acq: 21 Jul 2022 10:08

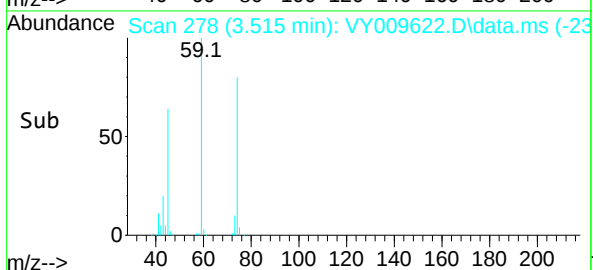
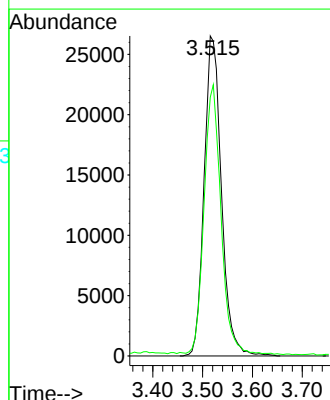
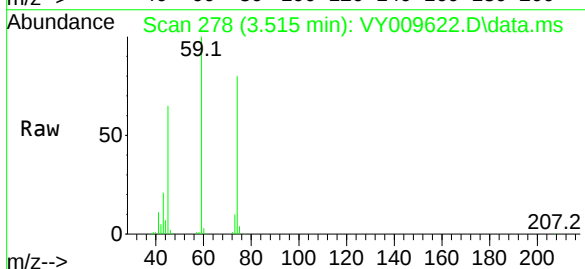
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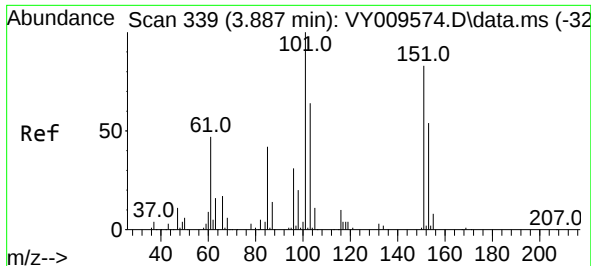
Tgt Ion:101 Resp: 202922
 Ion Ratio Lower Upper
 101 100
 103 65.1 48.0 72.0



#8
 Diethyl Ether
 Concen: 53.320 ug/l
 RT: 3.515 min Scan# 278
 Delta R.T. -0.006 min
 Lab File: VY009622.D
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Tgt Ion: 74 Resp: 63874
 Ion Ratio Lower Upper
 74 100
 45 82.9 55.1 165.5

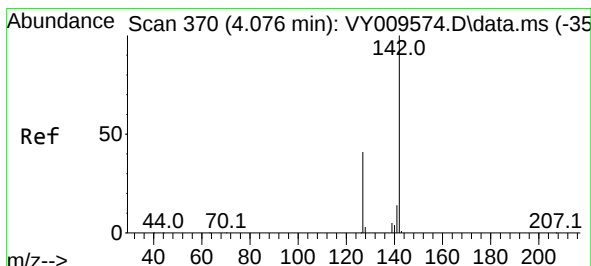
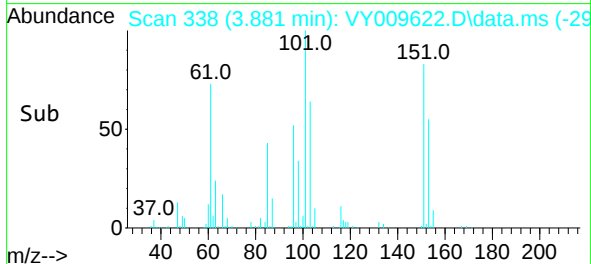
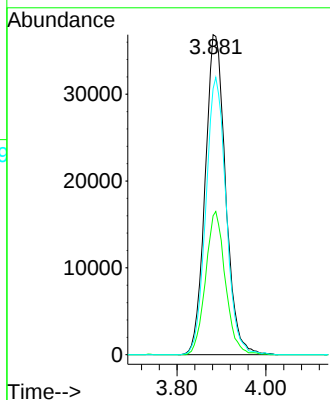
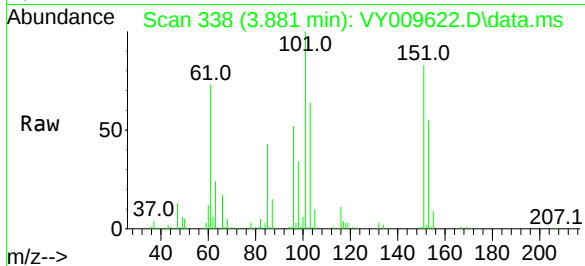




#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.216 ug/l
RT: 3.881 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

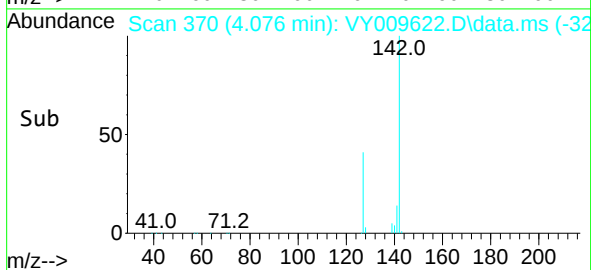
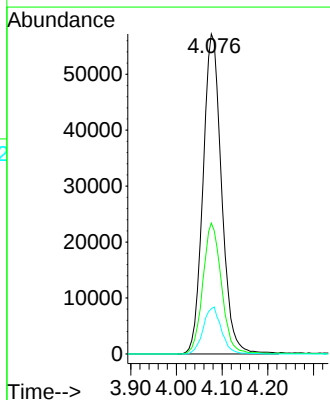
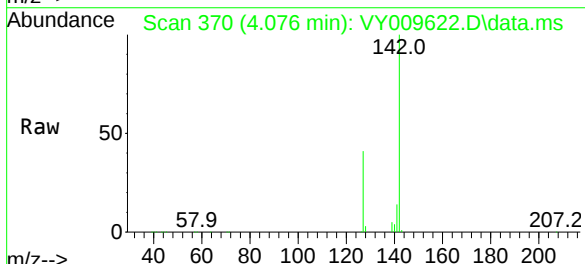
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

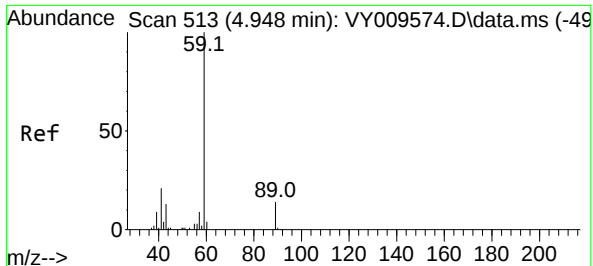
Tgt Ion:101 Resp: 118221
Ion Ratio Lower Upper
101 100
85 43.3 40.6 60.8
151 85.6 64.9 97.3



#10
Methyl Iodide
Concen: 56.858 ug/l
RT: 4.076 min Scan# 370
Delta R.T. 0.000 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

Tgt Ion:142 Resp: 161707
Ion Ratio Lower Upper
142 100
127 41.0 41.5 62.3#
141 14.3 11.9 17.9

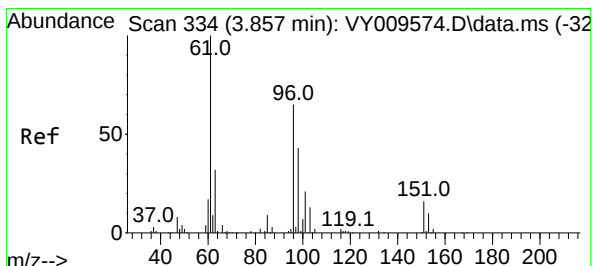
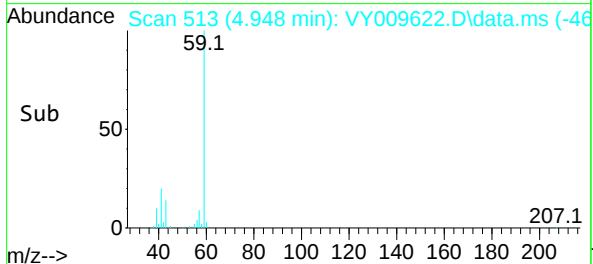
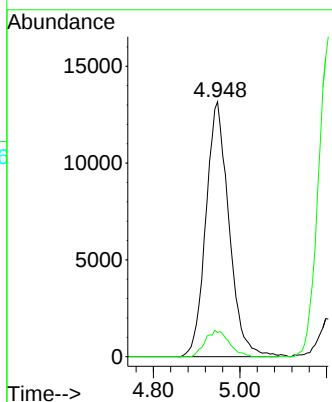
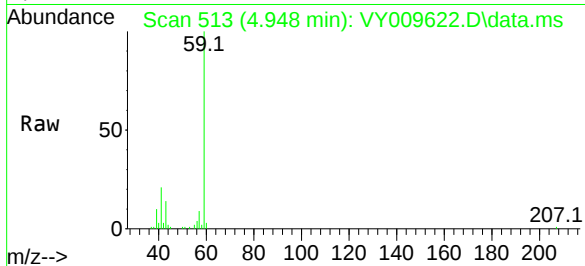




#11
Tert butyl alcohol
Concen: 225.360 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

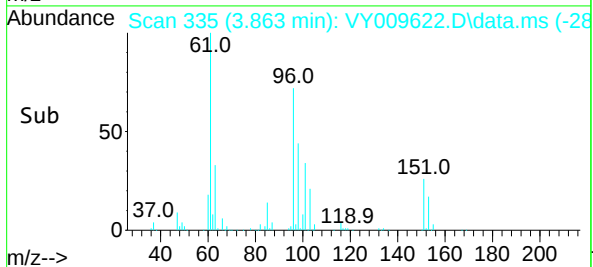
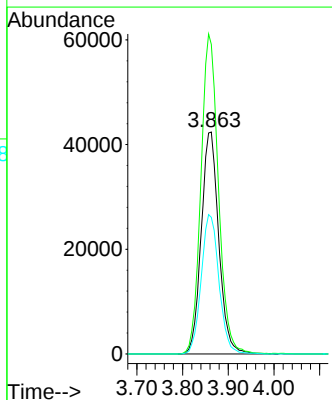
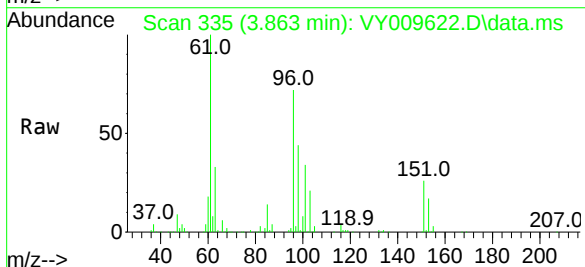
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

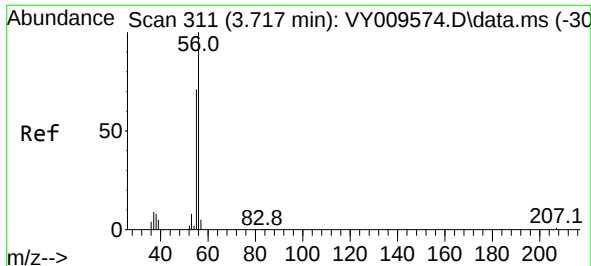
Tgt Ion: 59 Resp: 48800
Ion Ratio Lower Upper
59 100
57 10.6 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 53.903 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.006 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

Tgt Ion: 96 Resp: 112637
Ion Ratio Lower Upper
96 100
61 139.5 145.8 218.6#
98 61.6 52.5 78.7

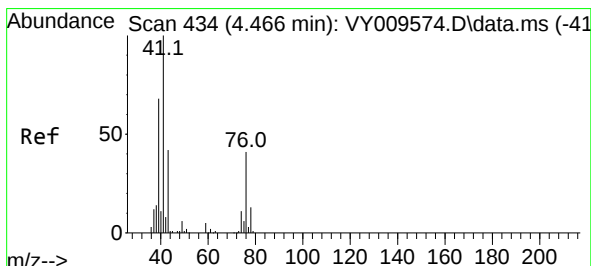
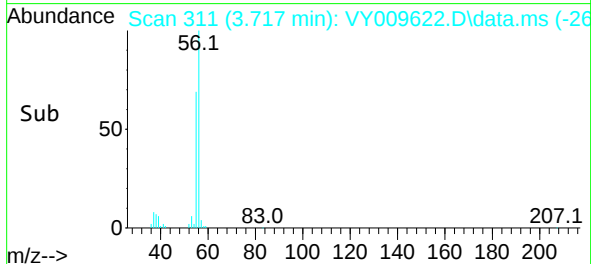
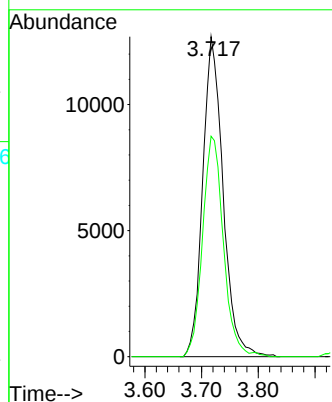
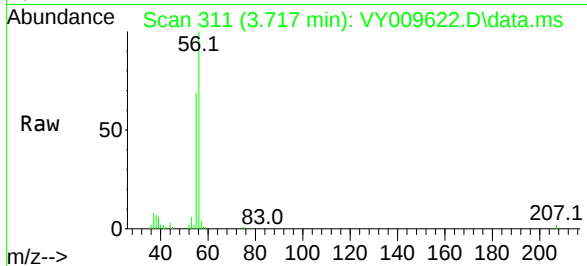




#13
Acrolein
Concen: 205.944 ug/l
RT: 3.717 min Scan# 311
Delta R.T. 0.000 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

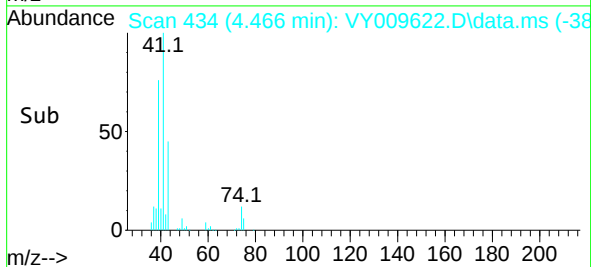
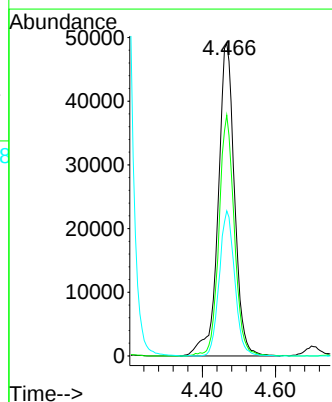
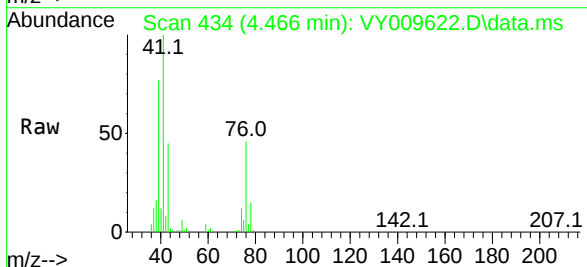
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

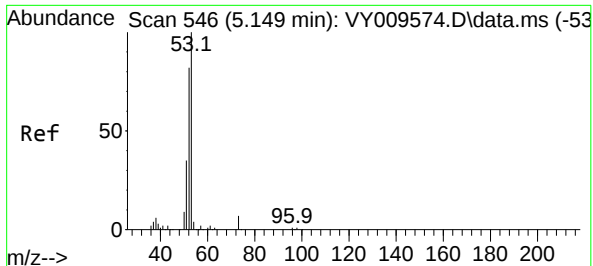
Tgt Ion: 56 Resp: 31641
Ion Ratio Lower Upper
56 100
55 70.6 57.6 86.4



#14
Allyl chloride
Concen: 47.444 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

Tgt Ion: 41 Resp: 153361
Ion Ratio Lower Upper
41 100
39 72.1 58.8 88.2
76 43.7 25.1 37.7#

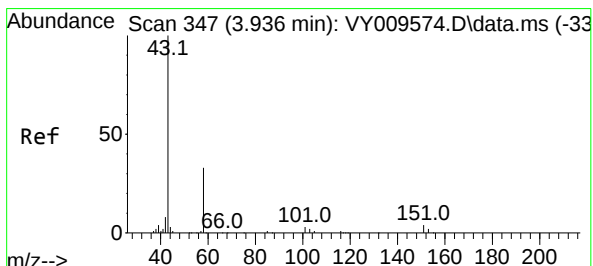
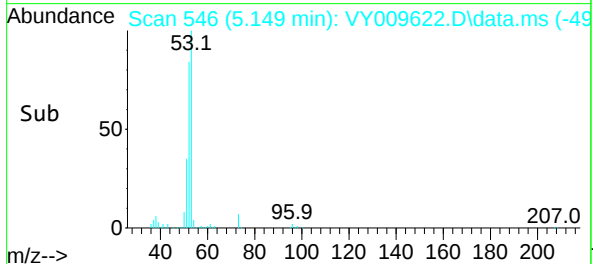
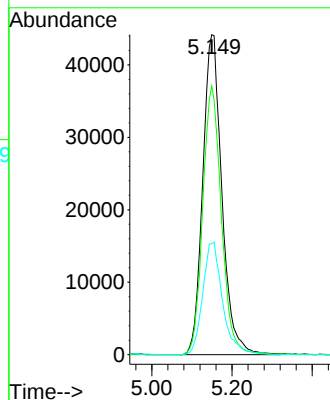
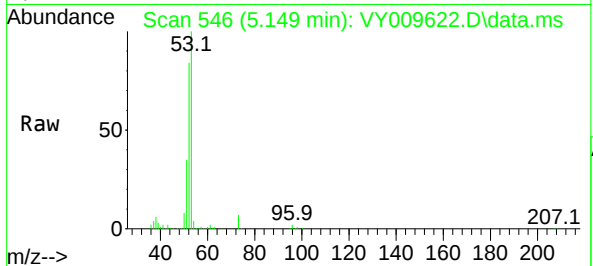




#15
Acrylonitrile
Concen: 247.861 ug/l
RT: 5.149 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

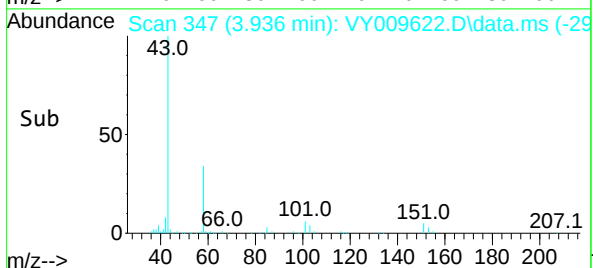
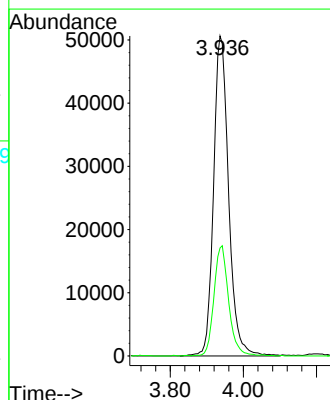
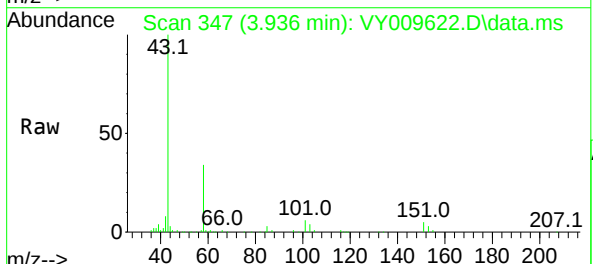
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

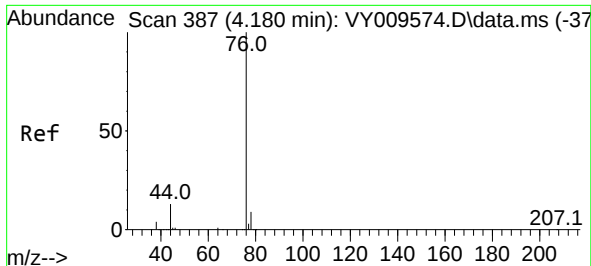
Tgt Ion: 53 Resp: 146647
Ion Ratio Lower Upper
53 100
52 81.2 67.0 100.4
51 36.4 29.8 44.6



#16
Acetone
Concen: 265.880 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

Tgt Ion: 43 Resp: 144543
Ion Ratio Lower Upper
43 100
58 33.6 22.0 33.0#

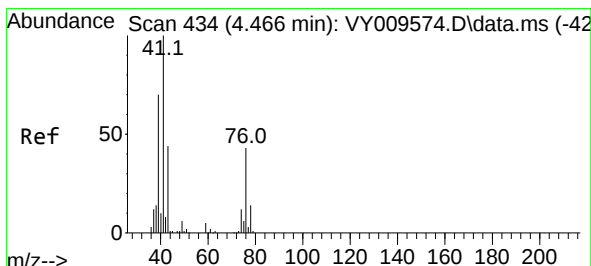
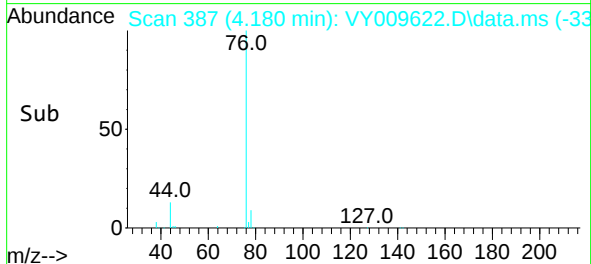
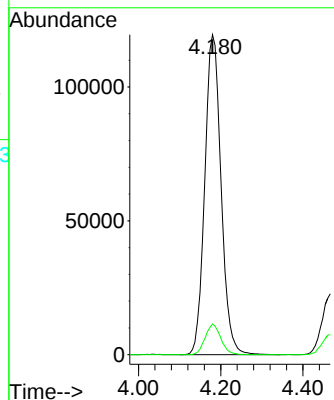
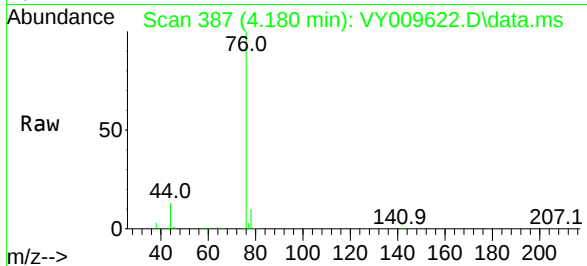




#17
Carbon Disulfide
Concen: 50.598 ug/l
RT: 4.180 min Scan# 387
Delta R.T. 0.000 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

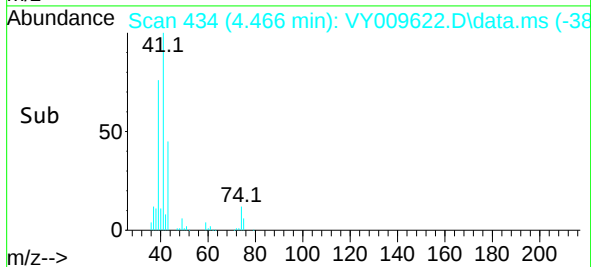
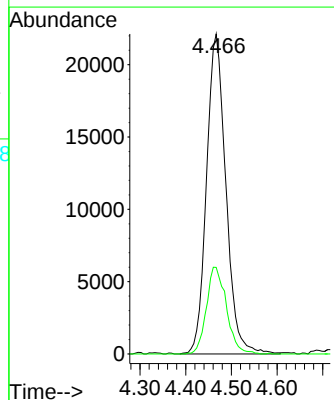
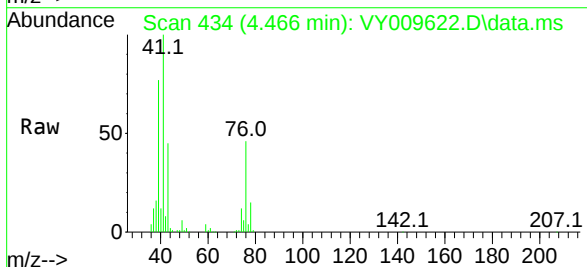
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

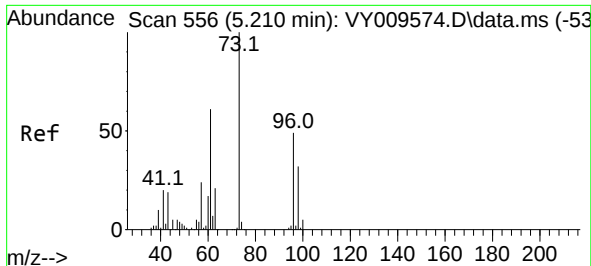
Tgt Ion: 76 Resp: 328690
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#18
Methyl Acetate
Concen: 42.682 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

Tgt Ion: 43 Resp: 65133
Ion Ratio Lower Upper
43 100
74 28.0 16.6 24.8#

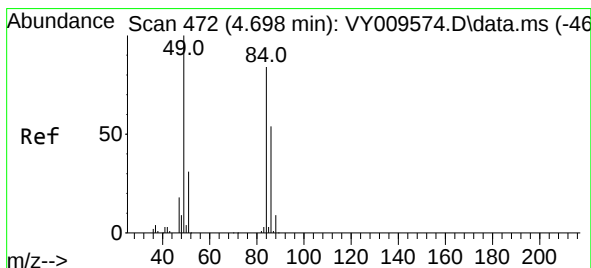
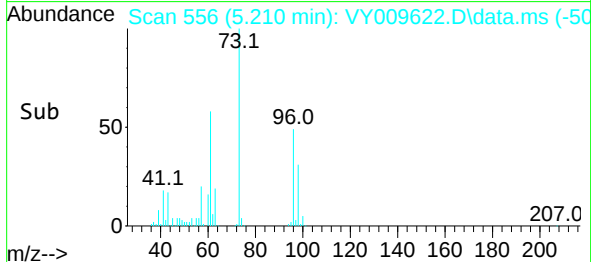
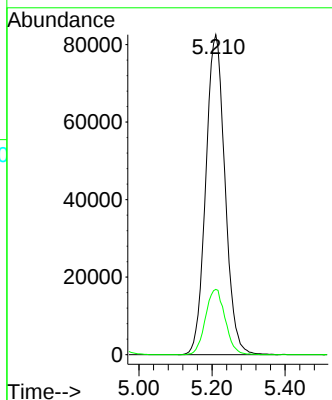
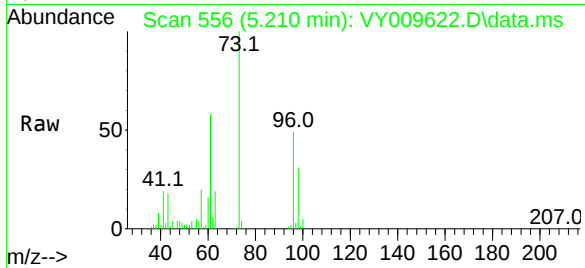




#19
Methyl tert-butyl Ether
Concen: 54.593 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

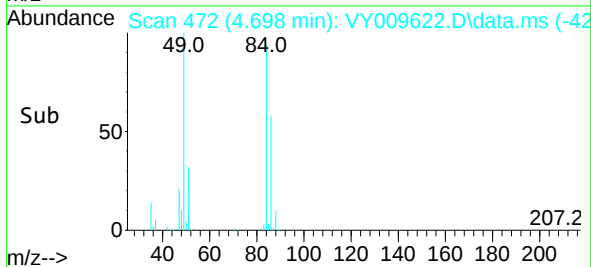
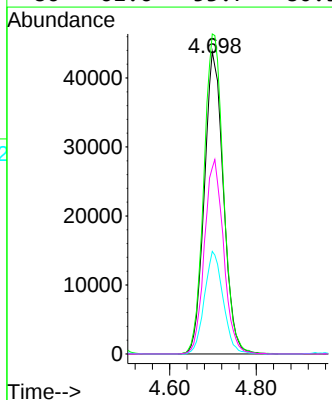
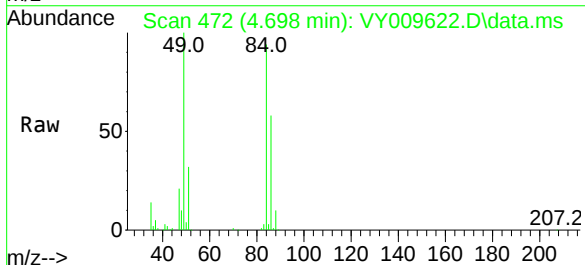
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

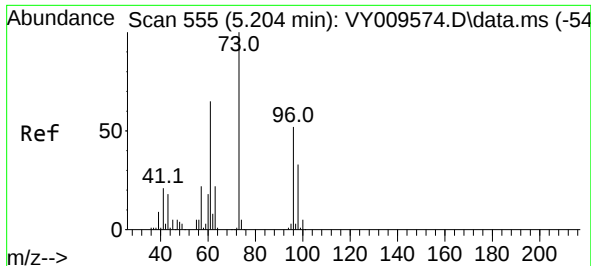
Tgt Ion: 73 Resp: 300660
Ion Ratio Lower Upper
73 100
57 20.4 18.6 27.8



#20
Methylene Chloride
Concen: 49.140 ug/l
RT: 4.698 min Scan# 472
Delta R.T. 0.000 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

Tgt Ion: 84 Resp: 134123
Ion Ratio Lower Upper
84 100
49 105.9 114.4 171.6#
51 33.9 35.3 52.9#
86 61.6 53.7 80.5

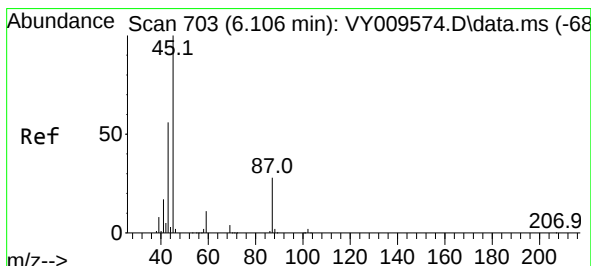
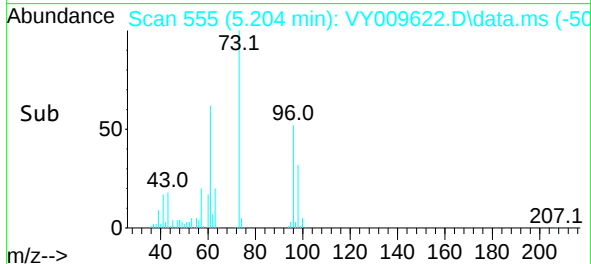
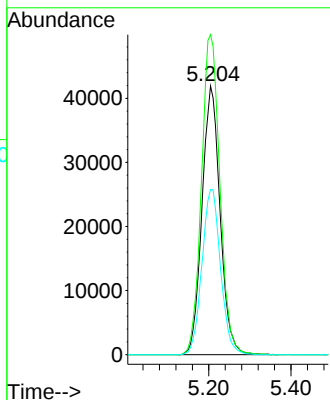
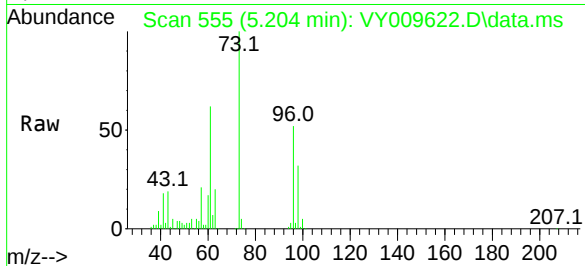




#21
trans-1,2-Dichloroethene
Concen: 54.055 ug/l
RT: 5.204 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

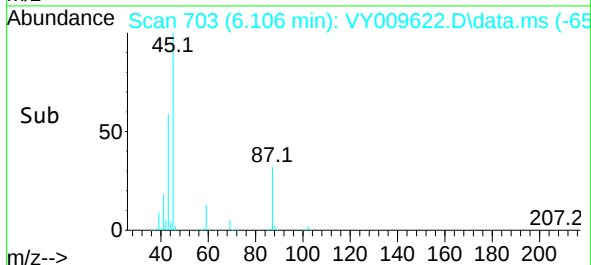
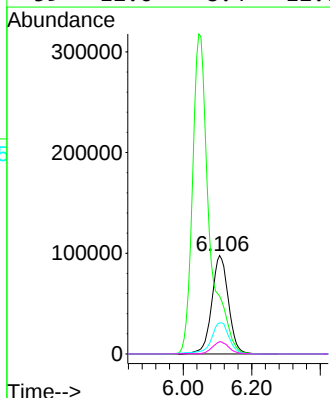
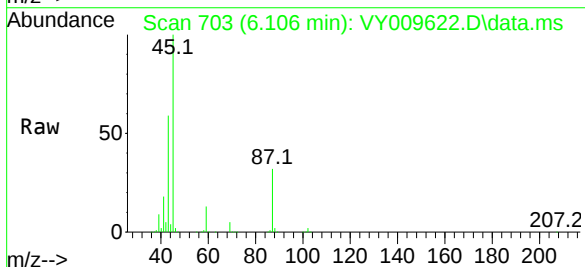
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

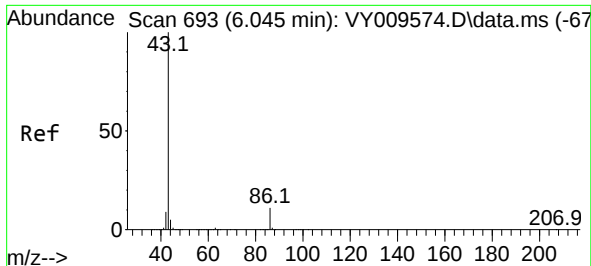
Tgt Ion: 96 Resp: 127845
Ion Ratio Lower Upper
96 100
61 119.0 120.5 180.7#
98 61.4 49.8 74.8



#22
Diisopropyl ether
Concen: 47.668 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

Tgt Ion: 45 Resp: 329032
Ion Ratio Lower Upper
45 100
43 58.5 49.3 73.9
87 31.8 19.2 28.8#
59 12.6 8.4 12.6

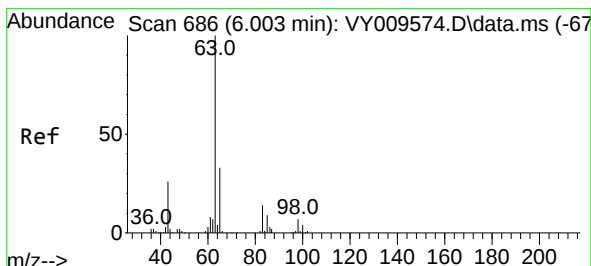
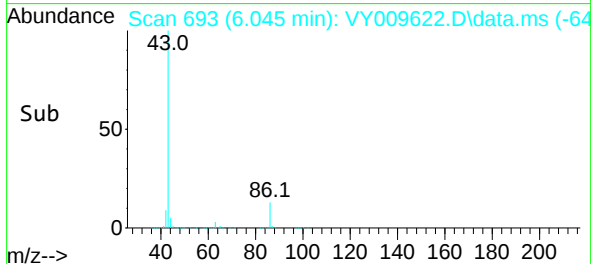
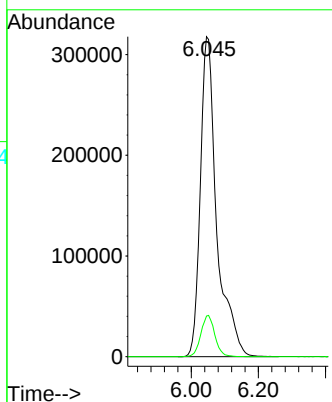
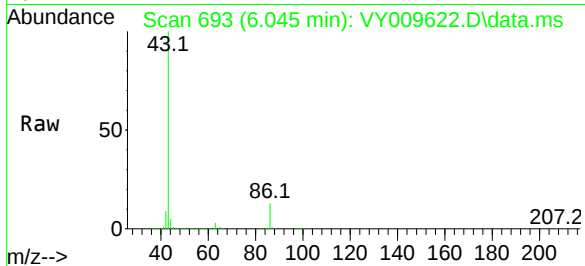




#23
 Vinyl Acetate
 Concen: 247.383 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY009622.D
 Acq: 21 Jul 2022 10:08

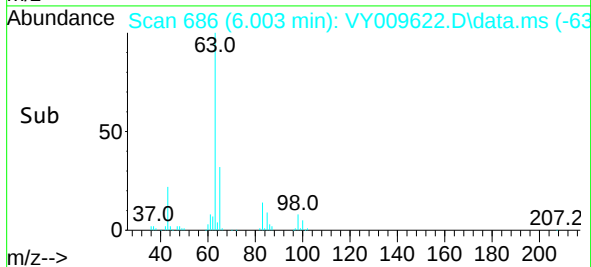
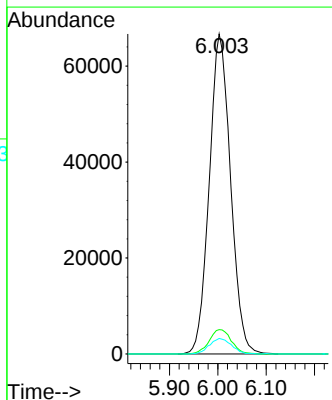
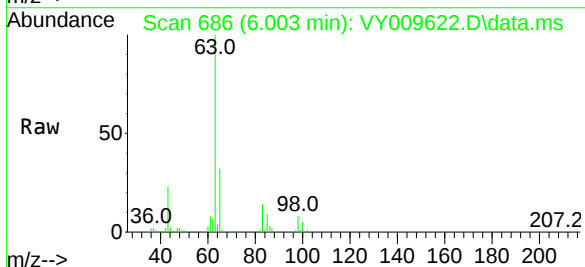
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

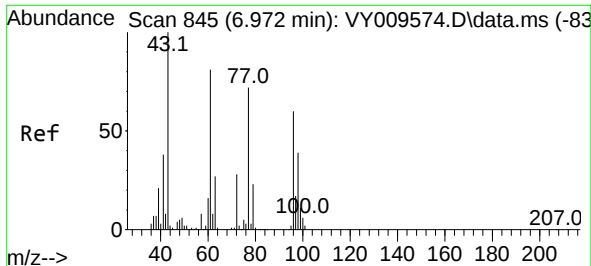
Tgt Ion: 43 Resp: 1077382
 Ion Ratio Lower Upper
 43 100
 86 12.7 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 51.236 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VY009622.D
 Acq: 21 Jul 2022 10:08

Tgt Ion: 63 Resp: 204264
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.6 10.8
 100 4.8 2.0 5.8

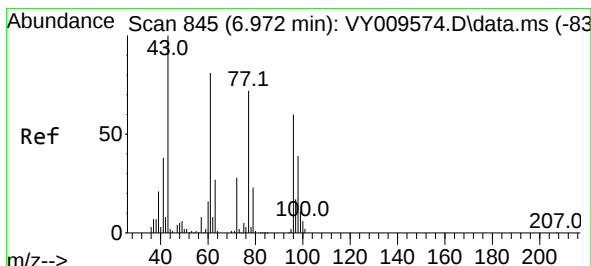
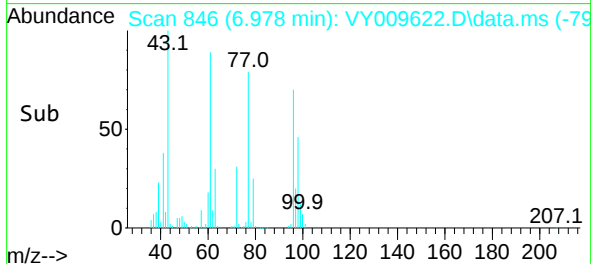
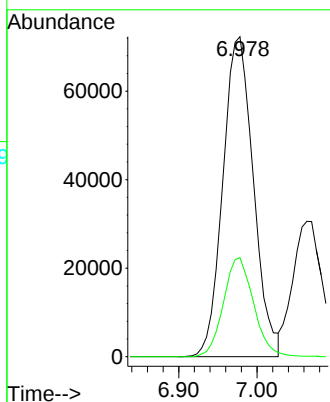
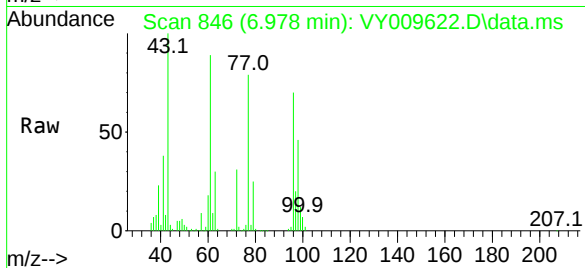




#25
2-Butanone
Concen: 247.286 ug/l
RT: 6.978 min Scan# 845
Delta R.T. 0.006 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

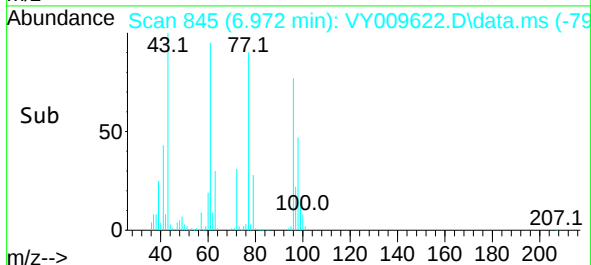
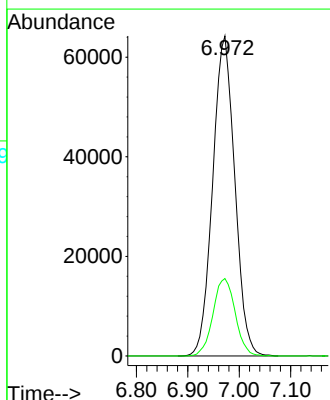
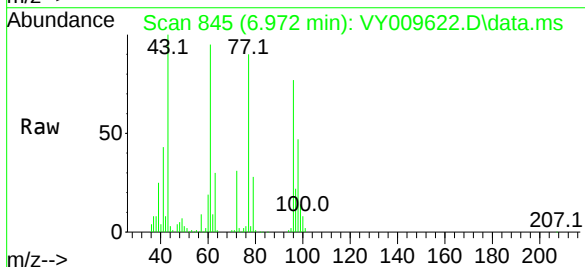
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

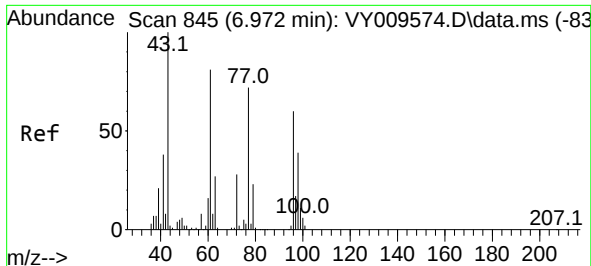
Tgt Ion: 43 Resp: 196098
Ion Ratio Lower Upper
43 100
72 31.0 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 53.607 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

Tgt Ion: 77 Resp: 191454
Ion Ratio Lower Upper
77 100
97 24.4 10.4 31.4

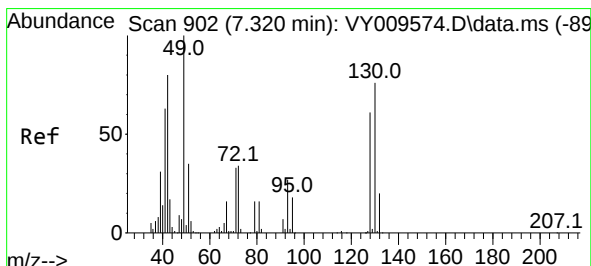
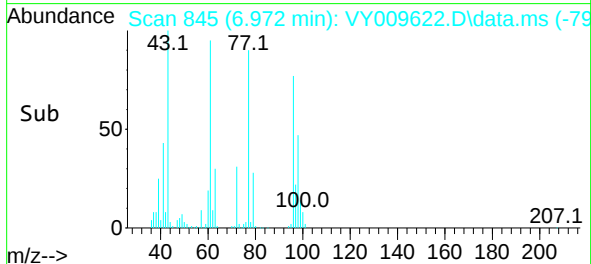
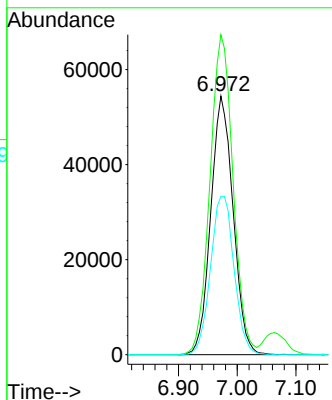
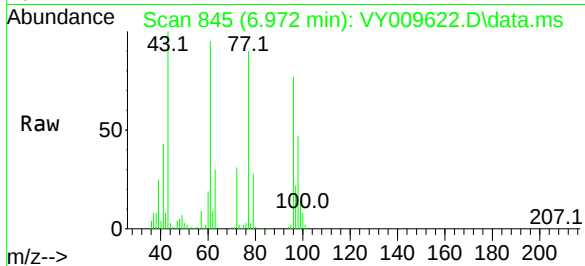




#27
 cis-1,2-Dichloroethene
 Concen: 55.023 ug/l
 RT: 6.972 min Scan# 845
 Delta R.T. 0.000 min
 Lab File: VY009622.D
 Acq: 21 Jul 2022 10:08

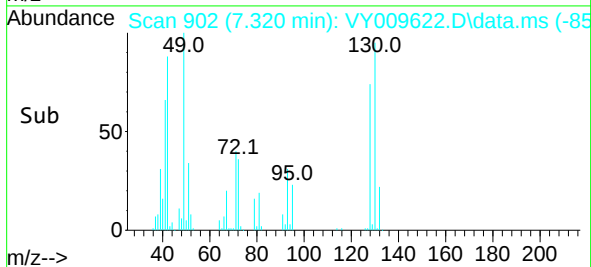
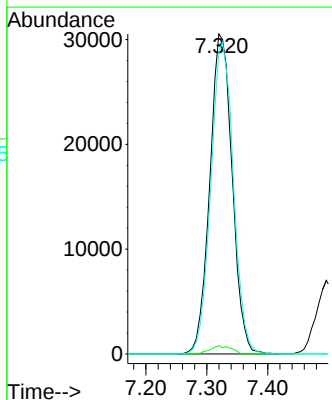
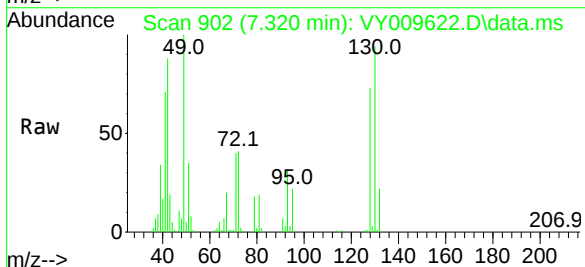
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

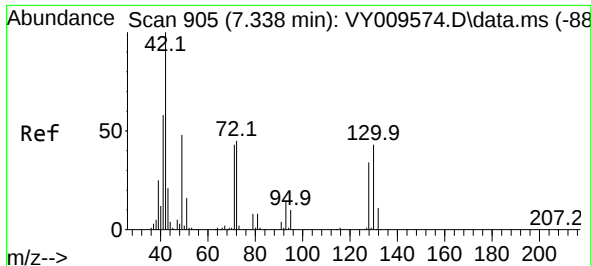
Tgt Ion: 96 Resp: 143878
 Ion Ratio Lower Upper
 96 100
 61 127.7 0.0 319.8
 98 64.6 0.0 127.0



#28
 Bromochloromethane
 Concen: 45.603 ug/l
 RT: 7.320 min Scan# 902
 Delta R.T. 0.000 min
 Lab File: VY009622.D
 Acq: 21 Jul 2022 10:08

Tgt Ion: 49 Resp: 77897
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 2.2#
 130 98.1 55.4 83.0#





#29

Tetrahydrofuran

Concen: 235.648 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY009622.D

Acq: 21 Jul 2022 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

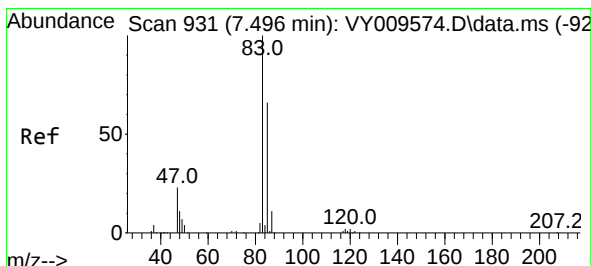
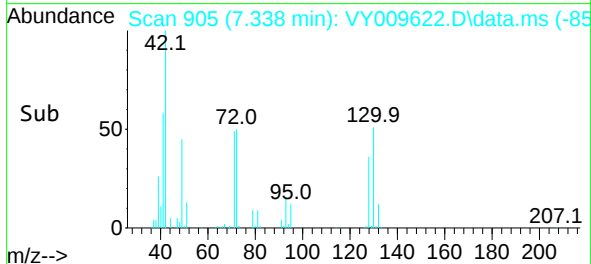
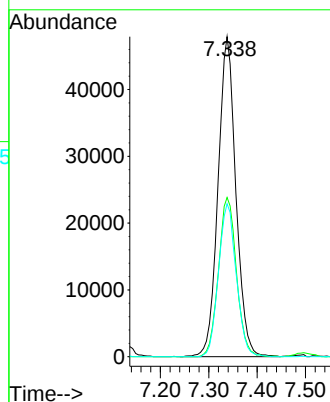
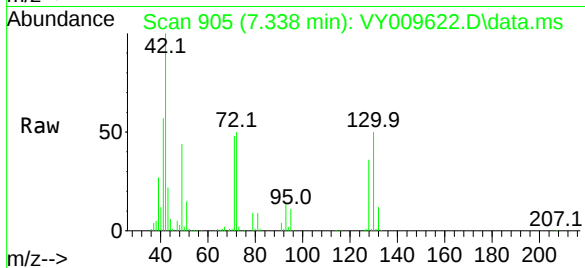
Tgt Ion: 42 Resp: 122687

Ion Ratio Lower Upper

42 100

72 50.2 30.3 45.5#

71 47.5 29.0 43.4#



#30

Chloroform

Concen: 54.145 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY009622.D

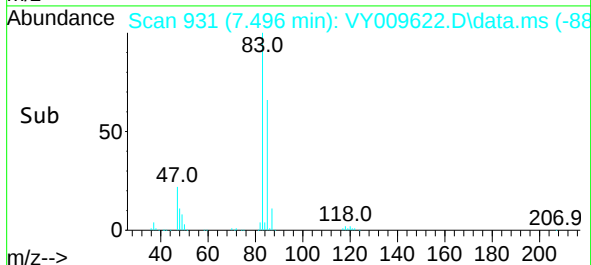
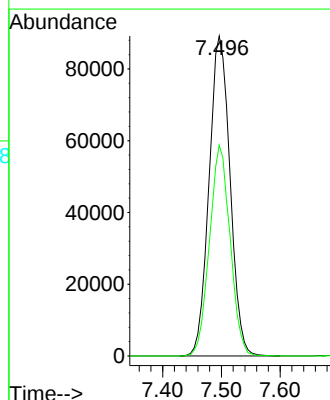
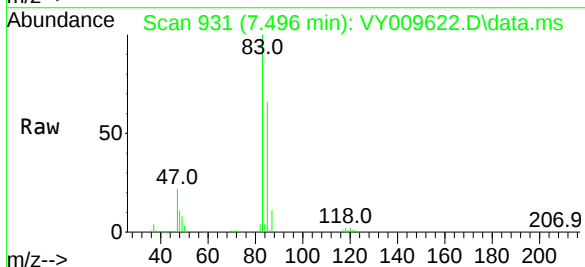
Acq: 21 Jul 2022 10:08

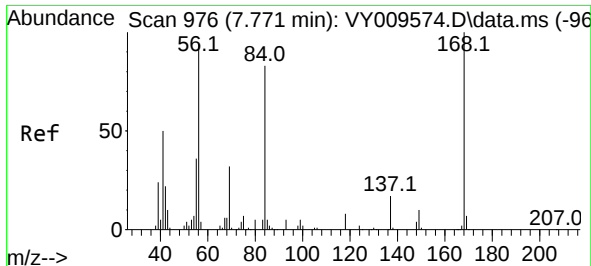
Tgt Ion: 83 Resp: 220819

Ion Ratio Lower Upper

83 100

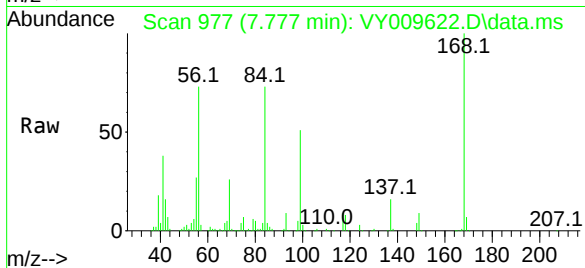
85 65.9 51.8 77.6



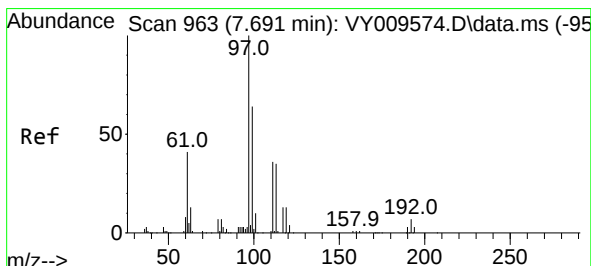
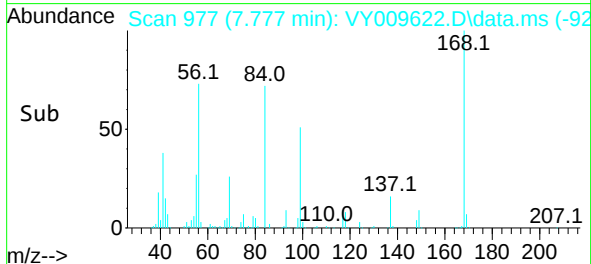
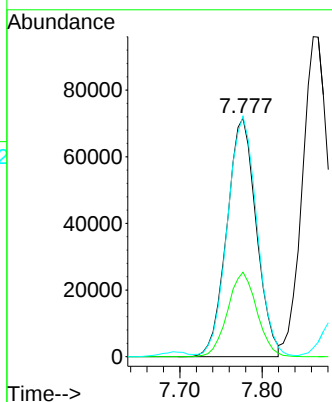


#31
Cyclohexane
Concen: 47.019 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

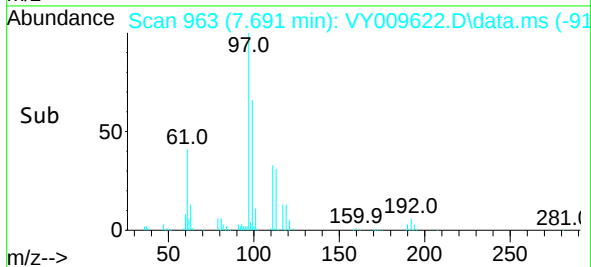
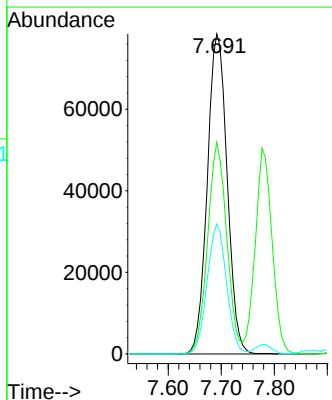
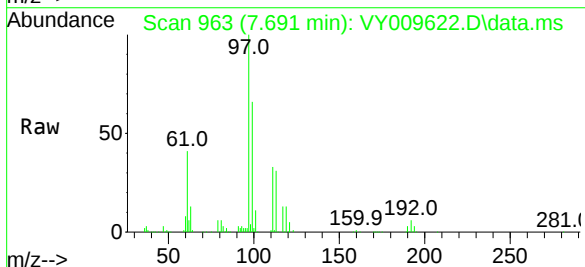


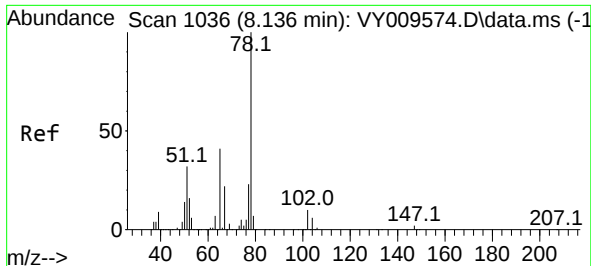
Tgt Ion: 56 Resp: 178171
Ion Ratio Lower Upper
56 100
69 35.4 26.7 40.1
84 98.9 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 55.690 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

Tgt Ion: 97 Resp: 203717
Ion Ratio Lower Upper
97 100
99 63.9 50.7 76.1
61 39.8 37.6 56.4

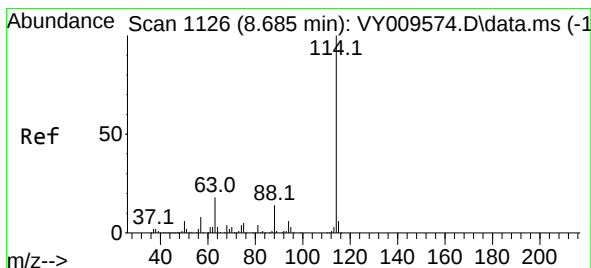
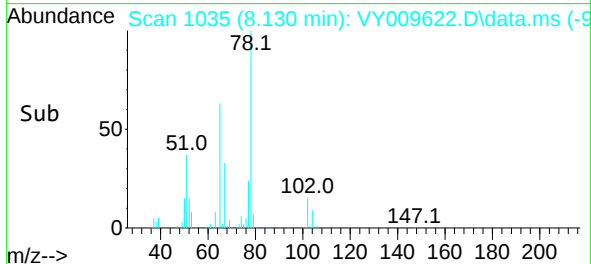
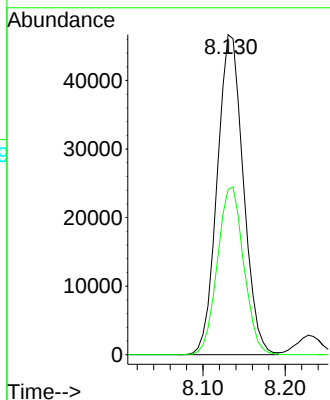
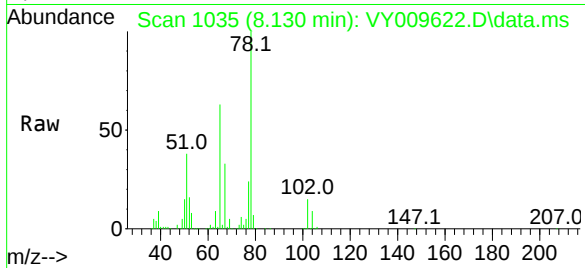




#33
 1,2-Dichloroethane-d4
 Concen: 47.994 ug/l
 RT: 8.130 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY009622.D
 Acq: 21 Jul 2022 10:08

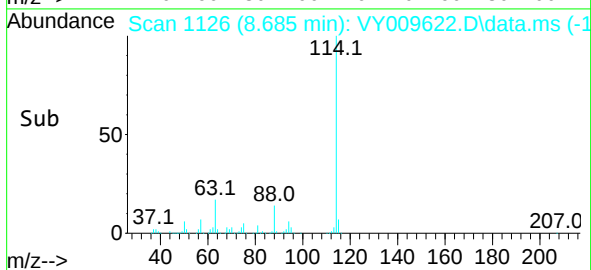
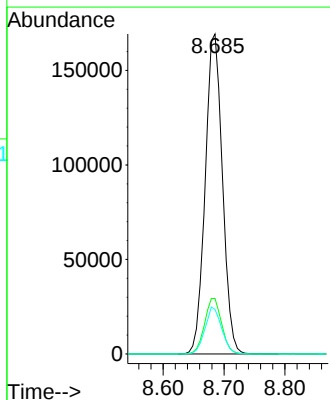
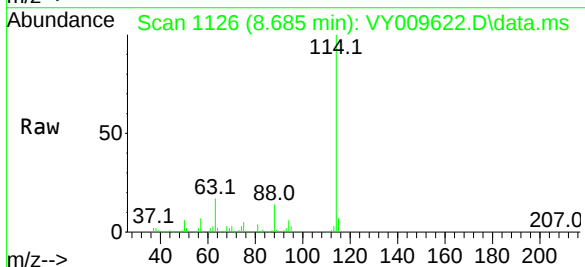
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

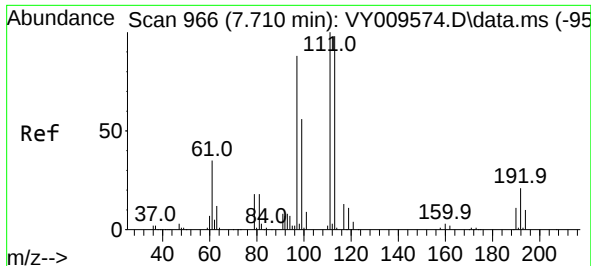
Tgt Ion: 65 Resp: 103140
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY009622.D
 Acq: 21 Jul 2022 10:08

Tgt Ion: 114 Resp: 332809
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 43.2
 88 13.9 0.0 31.8

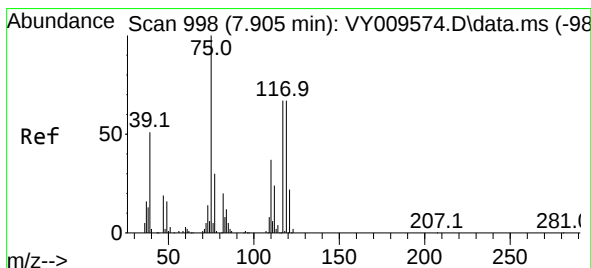
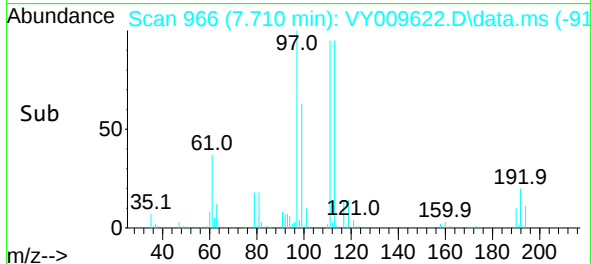
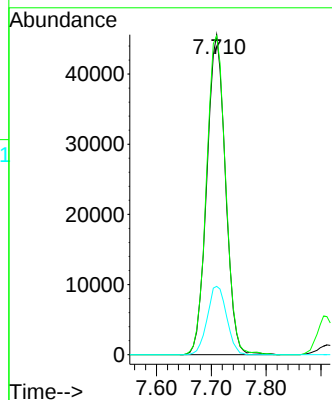
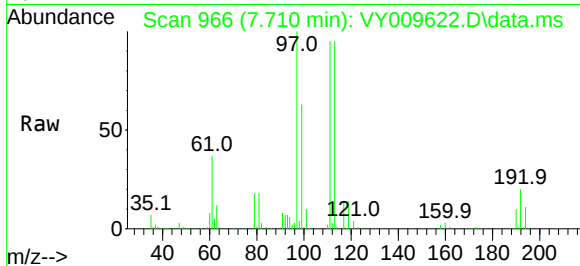




#35
Dibromofluoromethane
Concen: 51.268 ug/l
RT: 7.710 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

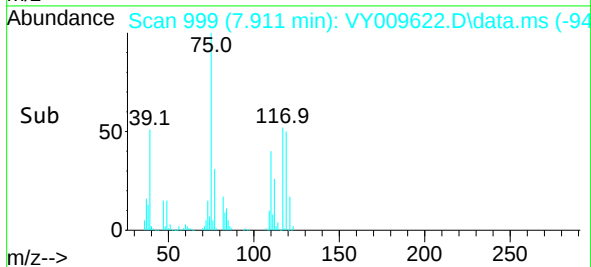
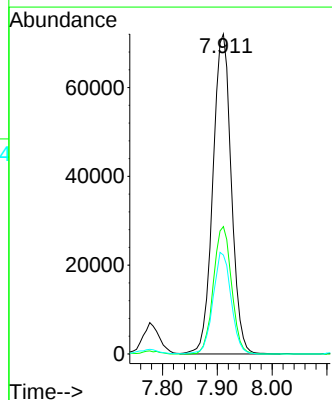
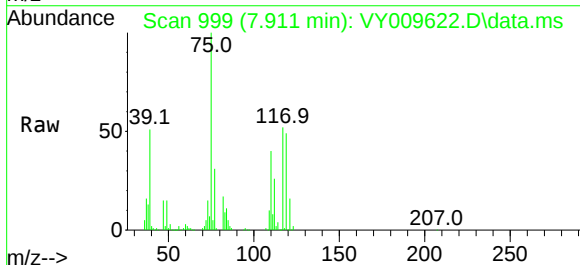
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

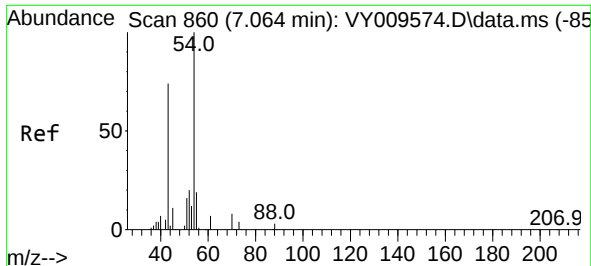
Tgt Ion:113 Resp: 107492
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 22.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 54.218 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.006 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

Tgt Ion: 75 Resp: 167986
Ion Ratio Lower Upper
75 100
110 39.1 17.1 51.2
77 31.1 24.4 36.6

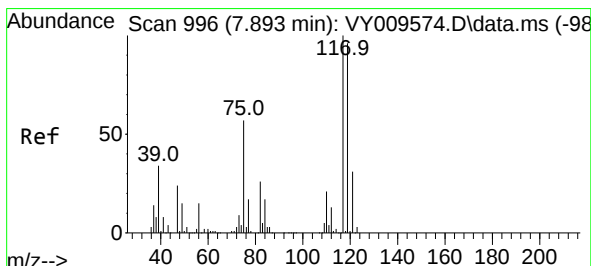
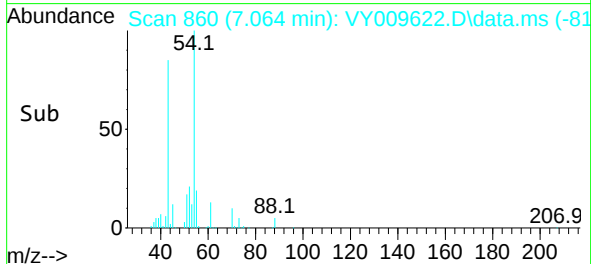
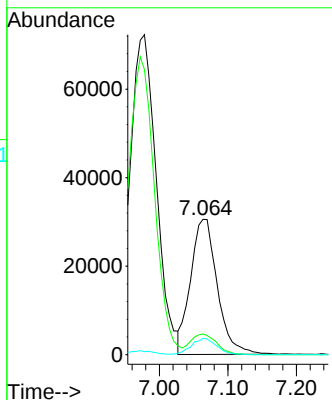
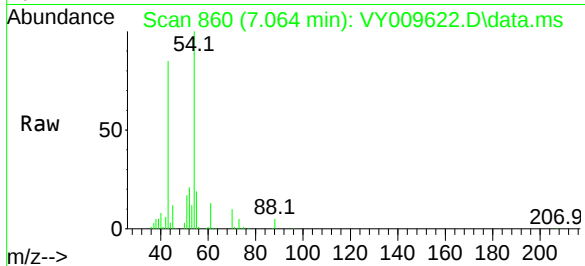




#37
Ethyl Acetate
Concen: 47.947 ug/l
RT: 7.064 min Scan# 860
Delta R.T. 0.000 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

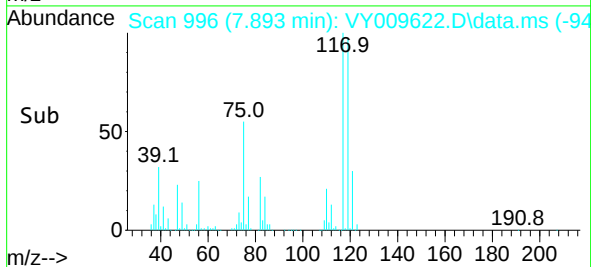
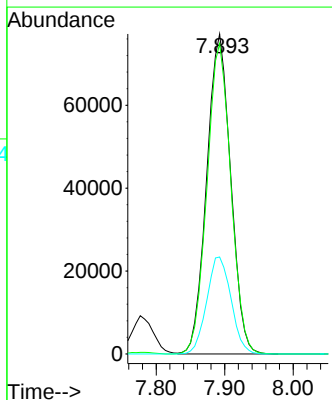
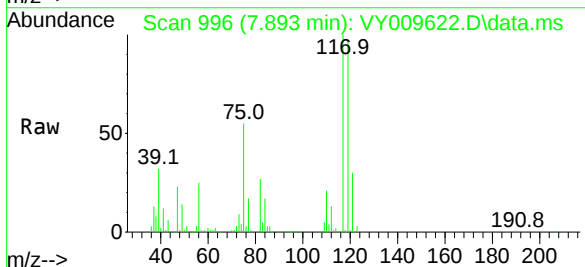
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

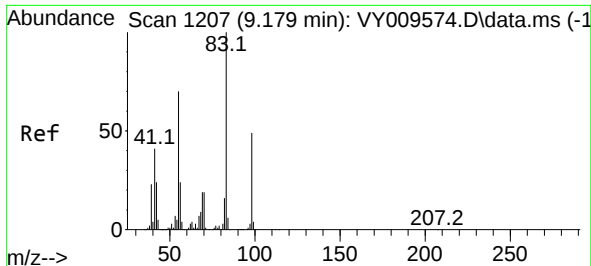
Tgt Ion: 43 Resp: 82680
Ion Ratio Lower Upper
43 100
61 15.0 9.7 14.5#
70 11.5 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 57.924 ug/l
RT: 7.893 min Scan# 996
Delta R.T. 0.000 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

Tgt Ion: 117 Resp: 187871
Ion Ratio Lower Upper
117 100
119 97.0 77.9 116.9
121 30.3 24.8 37.2





#39

Methylcyclohexane

Concen: 55.784 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009622.D

Acq: 21 Jul 2022 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

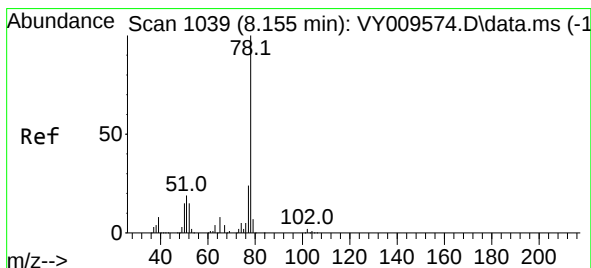
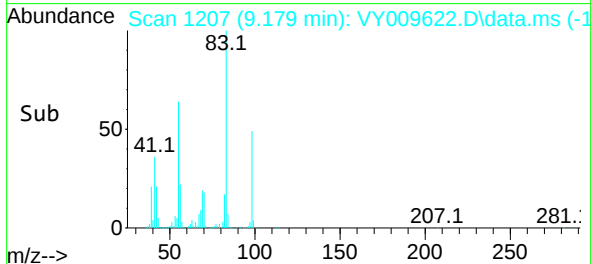
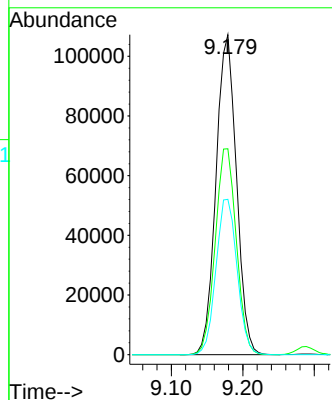
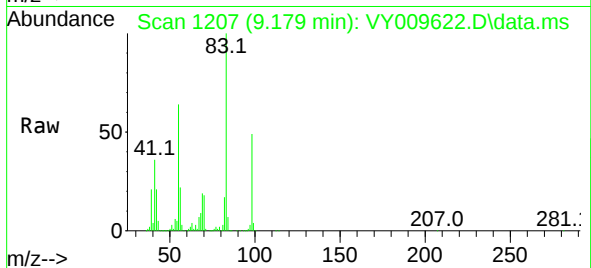
Tgt Ion: 83 Resp: 213113

Ion Ratio Lower Upper

83 100

55 64.3 66.5 99.7#

98 48.5 37.9 56.9



#40

Benzene

Concen: 53.174 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY009622.D

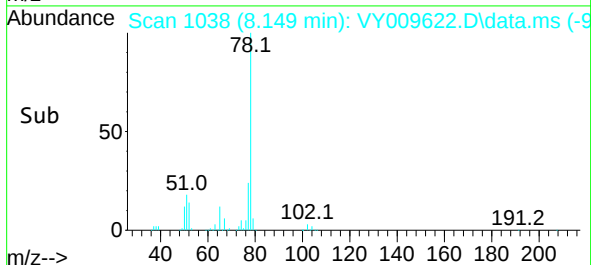
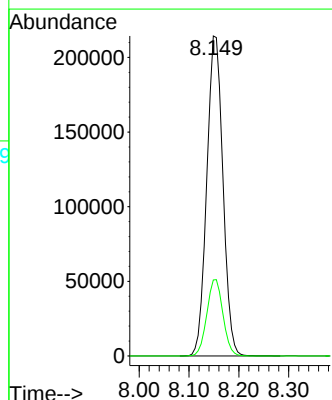
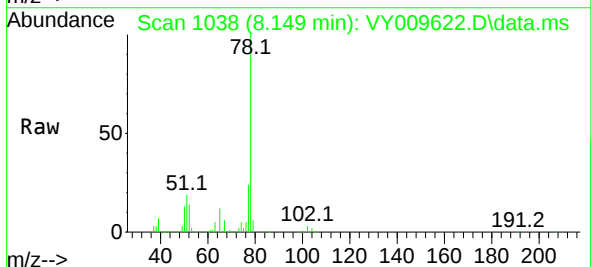
Acq: 21 Jul 2022 10:08

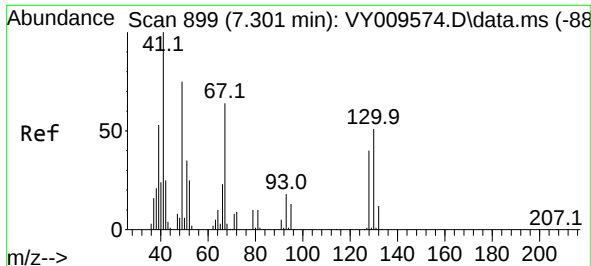
Tgt Ion: 78 Resp: 482078

Ion Ratio Lower Upper

78 100

77 23.8 20.4 30.6

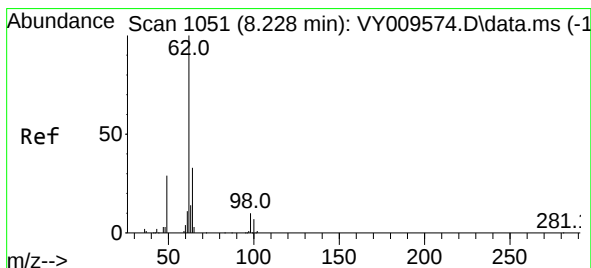
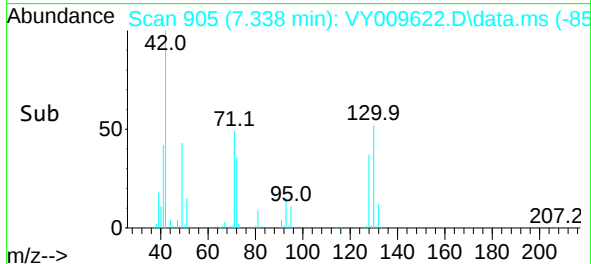
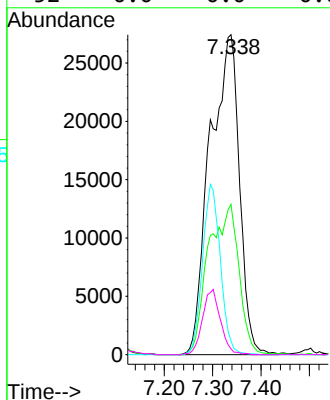
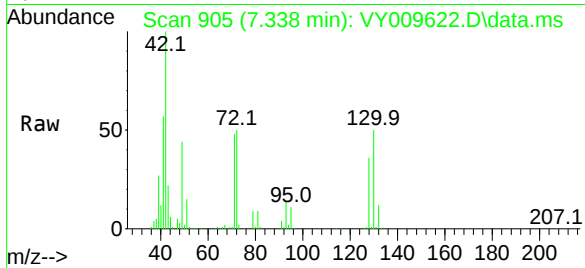




#41
Methacrylonitrile
Concen: 139.716 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.037 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

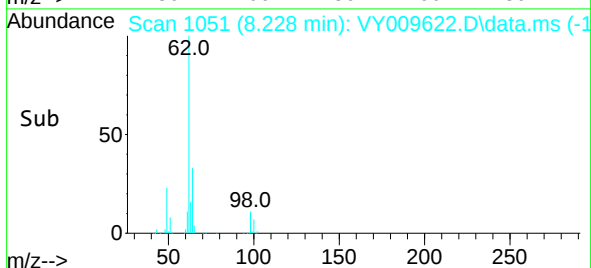
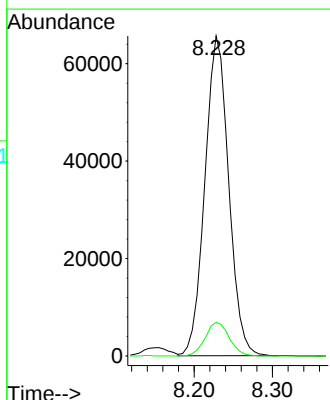
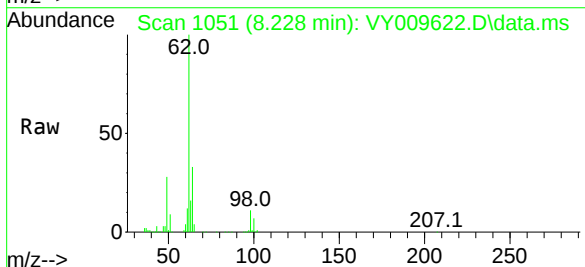
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

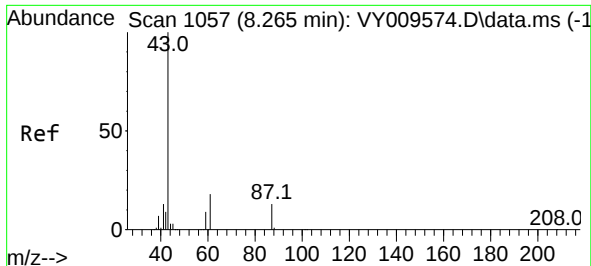
Tgt Ion: 41 Resp: 115610
Ion Ratio Lower Upper
41 100
39 48.7 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 54.446 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

Tgt Ion: 62 Resp: 138471
Ion Ratio Lower Upper
62 100
98 10.6 0.0 14.8

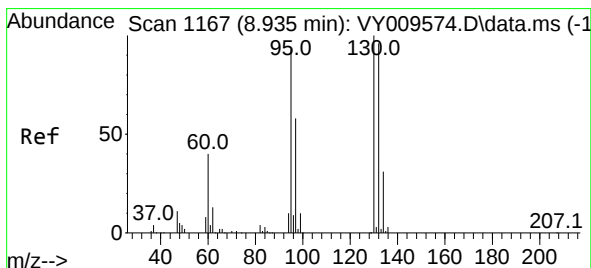
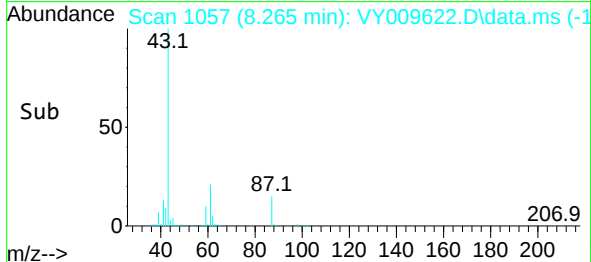
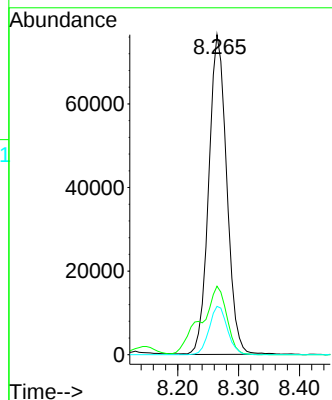
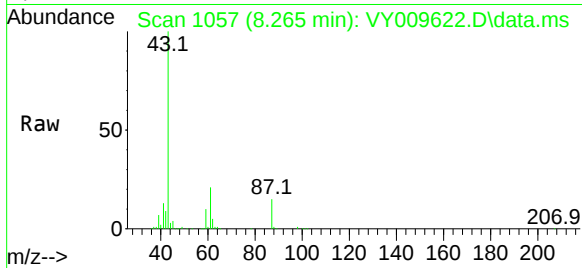




#43
Isopropyl Acetate
Concen: 49.602 ug/l
RT: 8.265 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

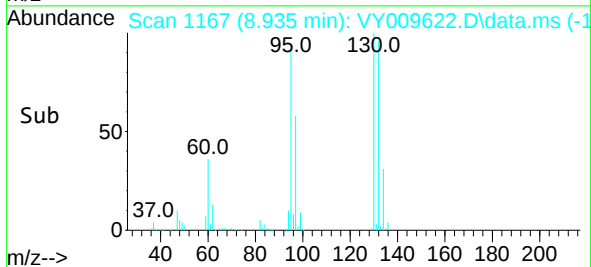
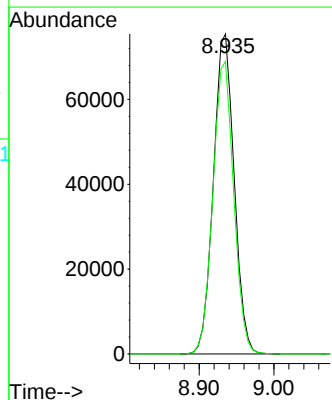
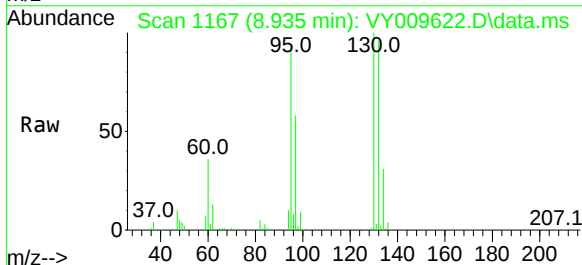
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

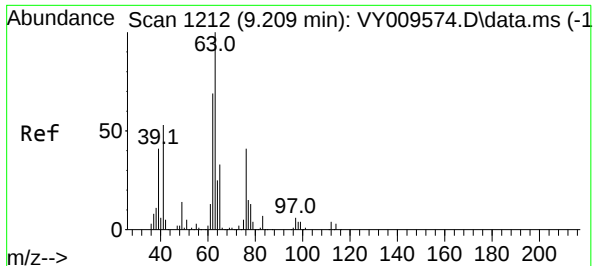
Tgt Ion: 43 Resp: 156730
Ion Ratio Lower Upper
43 100
61 30.8 20.2 30.2#
87 15.3 8.9 13.3#



#44
Trichloroethene
Concen: 56.505 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

Tgt Ion: 130 Resp: 145691
Ion Ratio Lower Upper
130 100
95 91.4 0.0 188.2





#45

1,2-Dichloropropane

Concen: 51.596 ug/l

RT: 9.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009622.D

Acq: 21 Jul 2022 10:08

Instrument :

MSVOA_Y

ClientSampleId :

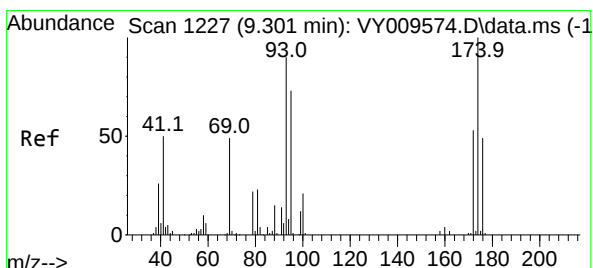
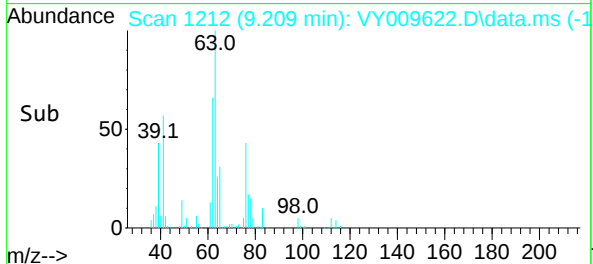
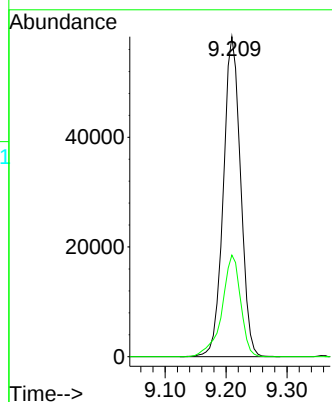
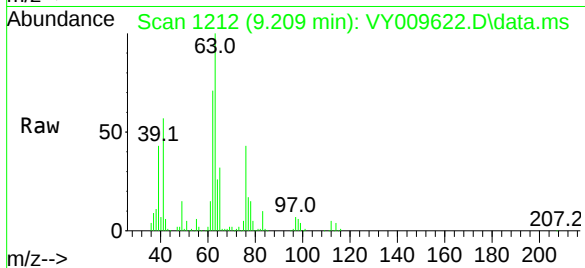
VSTDCCC050

Tgt Ion: 63 Resp: 114764

Ion Ratio Lower Upper

63 100

65 31.7 23.0 34.6



#46

Dibromomethane

Concen: 56.073 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY009622.D

Acq: 21 Jul 2022 10:08

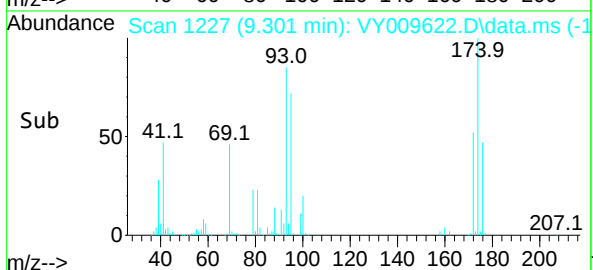
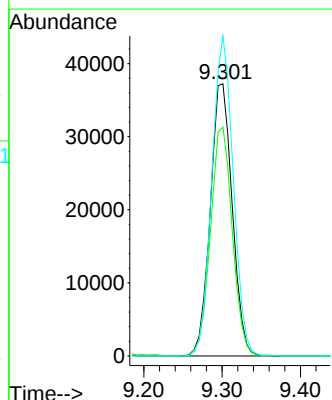
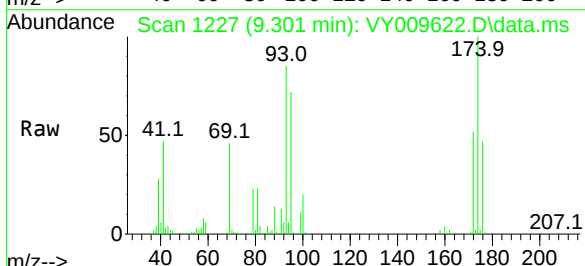
Tgt Ion: 93 Resp: 72437

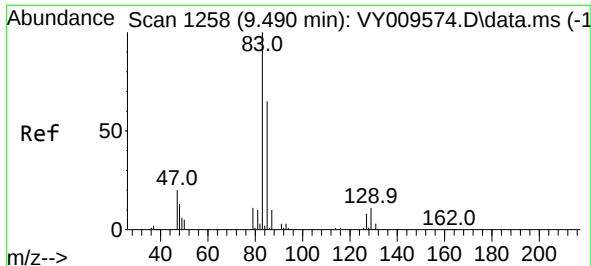
Ion Ratio Lower Upper

93 100

95 83.6 64.3 96.5

174 114.7 83.4 125.0

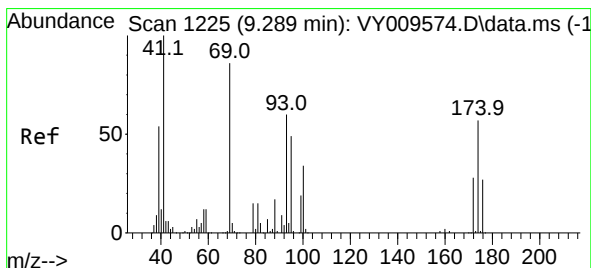
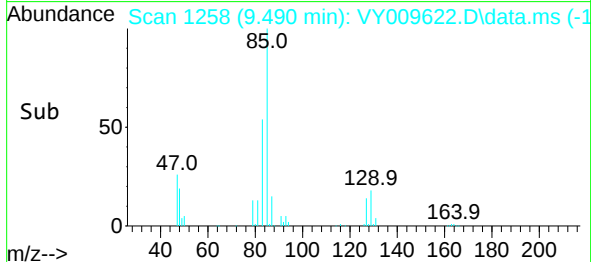
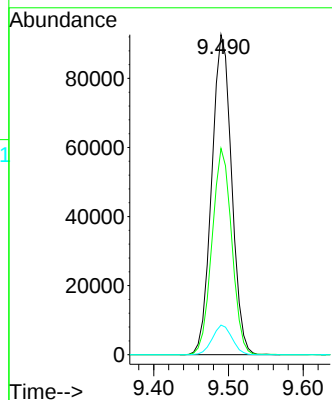
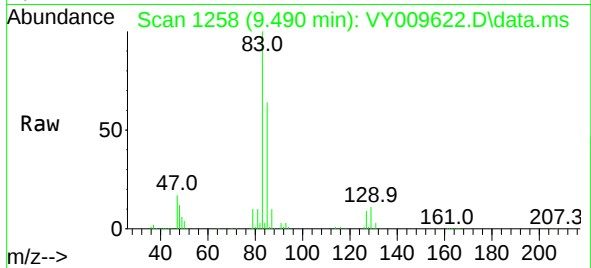




#47
Bromodichloromethane
Concen: 56.453 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

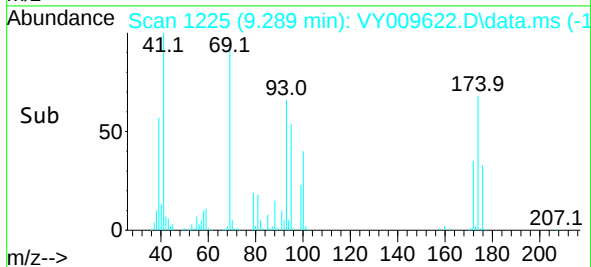
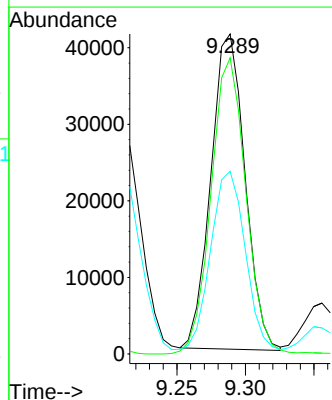
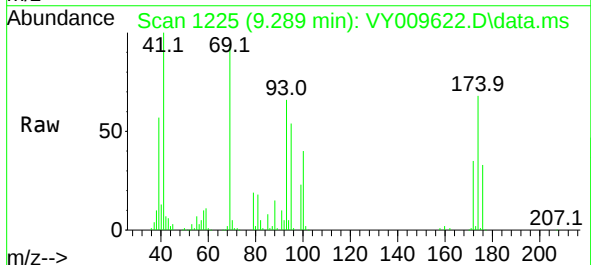
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

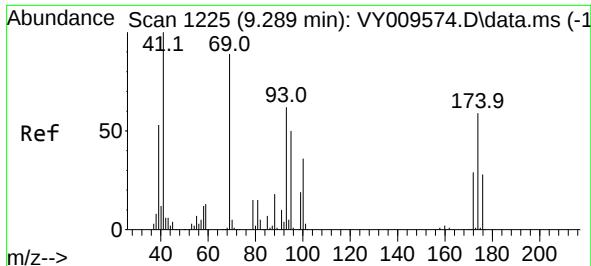
Tgt Ion: 83 Resp: 171006
Ion Ratio Lower Upper
83 100
85 64.5 51.9 77.9
127 9.2 6.6 10.0



#48
Methyl methacrylate
Concen: 50.998 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

Tgt Ion: 41 Resp: 71195
Ion Ratio Lower Upper
41 100
69 96.2 58.2 87.2#
39 57.6 47.4 71.0





#49

1,4-Dioxane

Concen: 1094.216 ug/l

RT: 9.295 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY009622.D

Acq: 21 Jul 2022 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

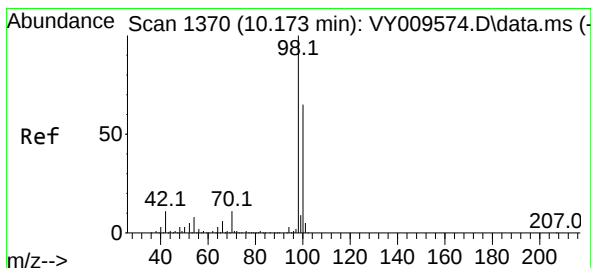
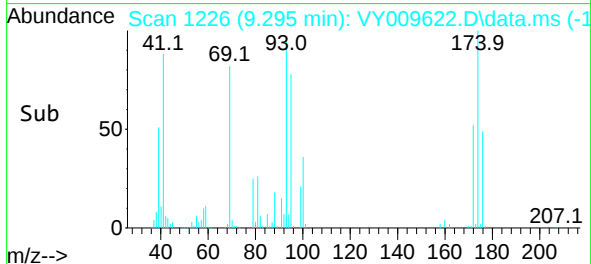
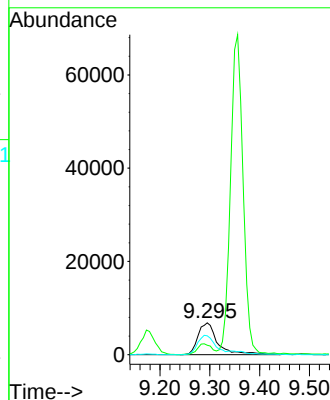
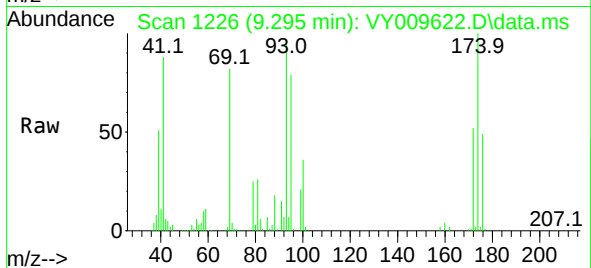
Tgt Ion: 88 Resp: 18842

Ion Ratio Lower Upper

88 100

43 25.4 32.8 49.2#

58 54.6 59.8 89.6#



#50

Toluene-d8

Concen: 49.029 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY009622.D

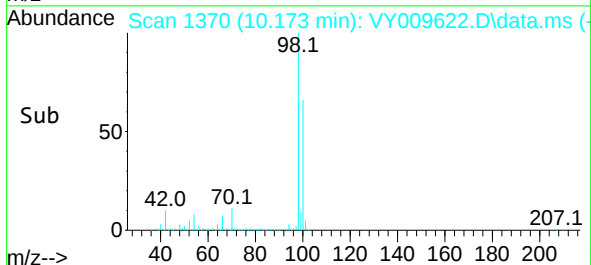
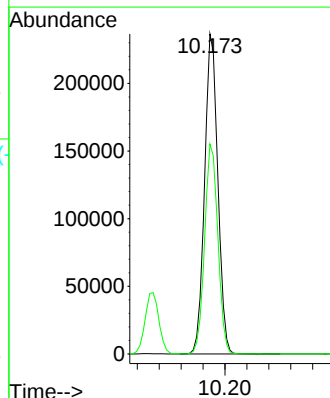
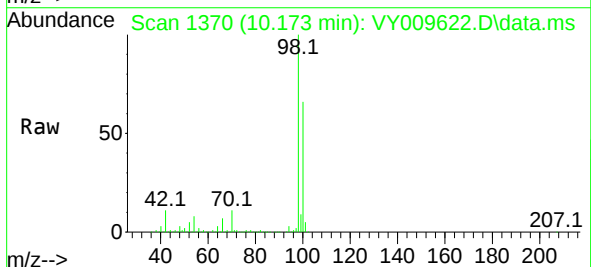
Acq: 21 Jul 2022 10:08

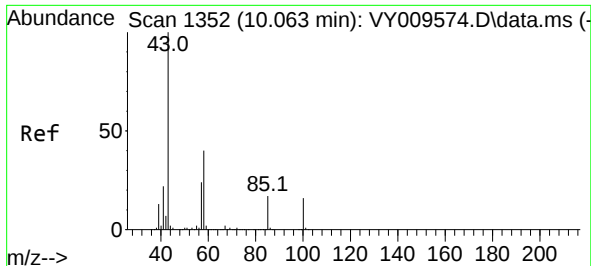
Tgt Ion: 98 Resp: 395189

Ion Ratio Lower Upper

98 100

100 65.8 50.2 75.2

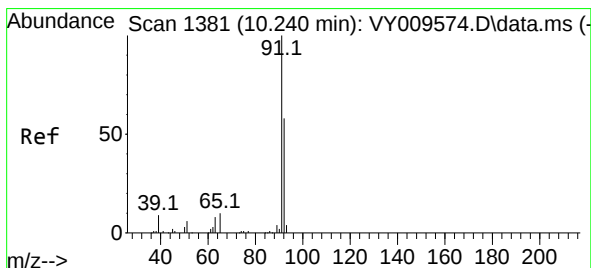
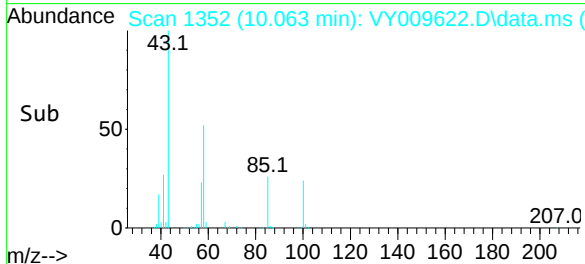
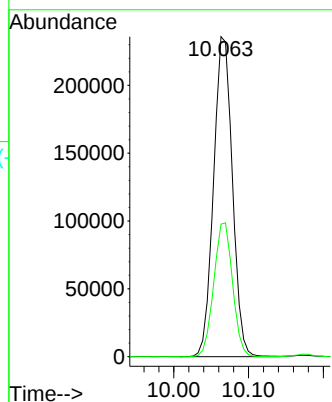
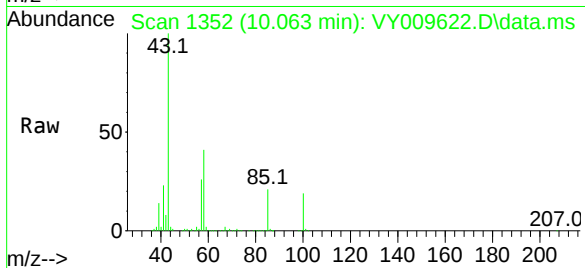




#51
4-Methyl-2-Pentanone
Concen: 251.523 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

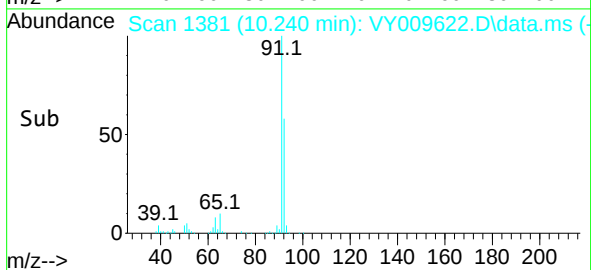
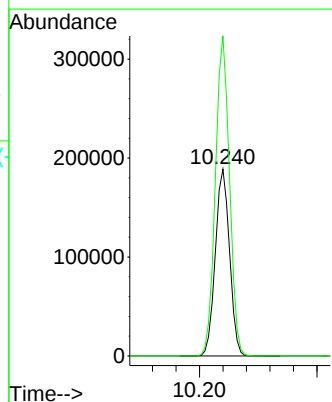
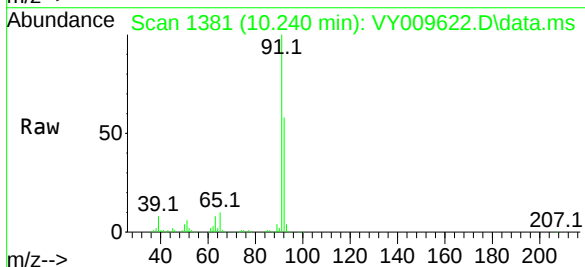
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

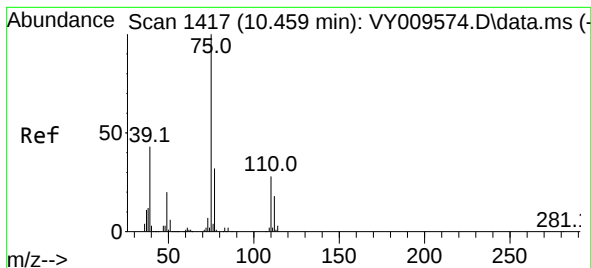
Tgt Ion: 43 Resp: 412654
Ion Ratio Lower Upper
43 100
58 41.8 28.1 42.1



#52
Toluene
Concen: 55.120 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

Tgt Ion: 92 Resp: 316539
Ion Ratio Lower Upper
92 100
91 170.3 142.6 213.8

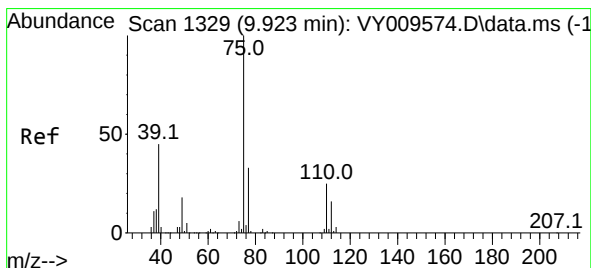
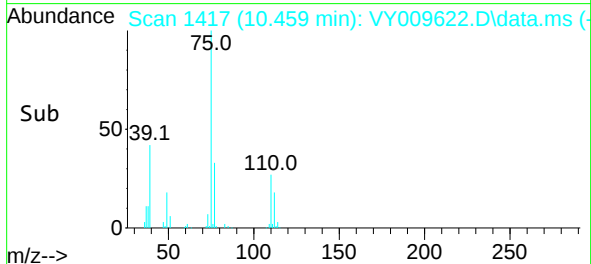
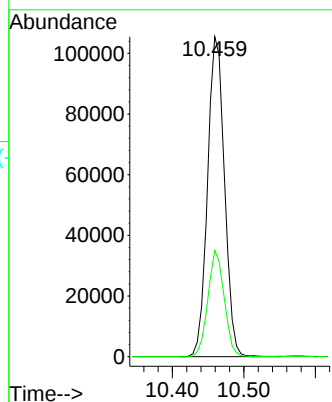
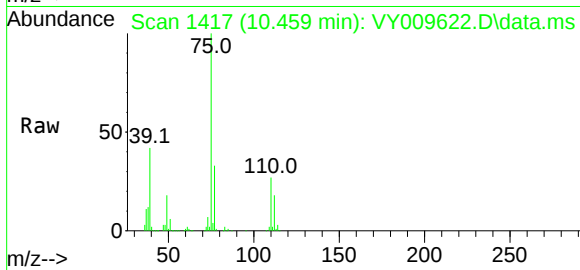




#53
t-1,3-Dichloropropene
Concen: 55.422 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

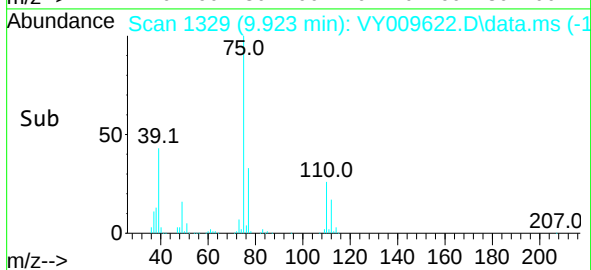
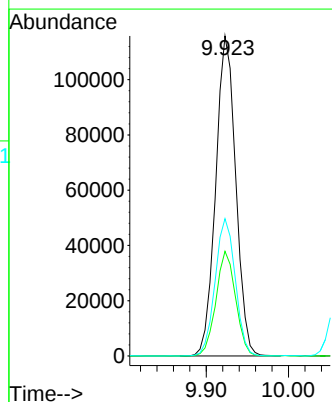
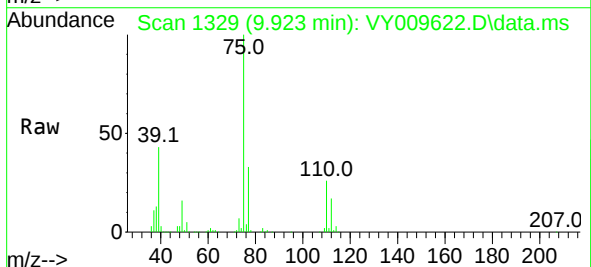
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

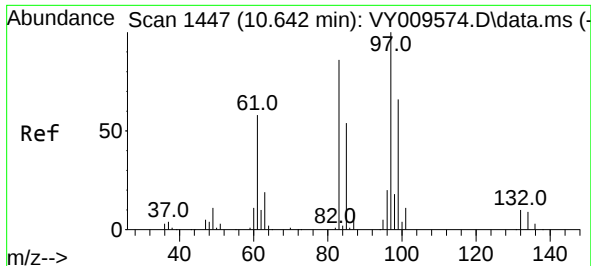
Tgt Ion: 75 Resp: 173397
Ion Ratio Lower Upper
75 100
77 33.2 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 55.118 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. 0.000 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

Tgt Ion: 75 Resp: 196076
Ion Ratio Lower Upper
75 100
77 32.7 25.6 38.4
39 42.9 47.6 71.4#



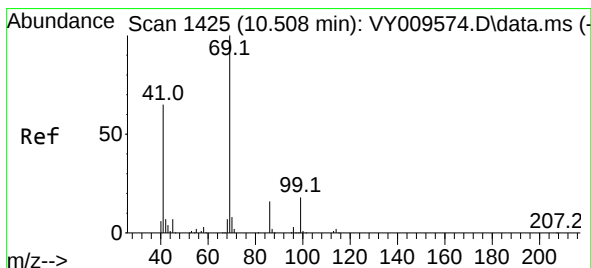
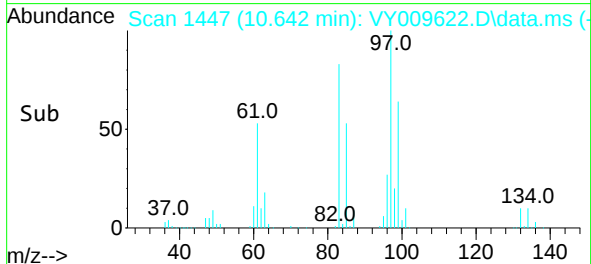
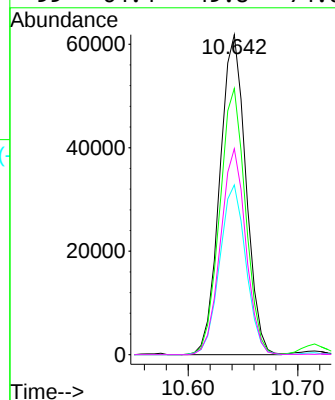
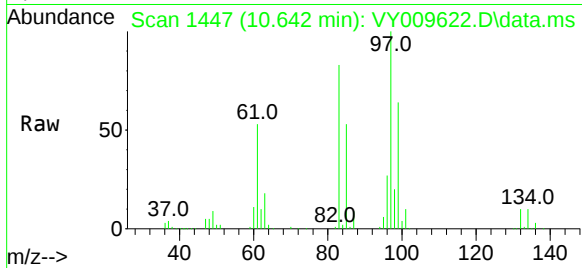


#55
1,1,2-Trichloroethane
Concen: 56.197 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 102243

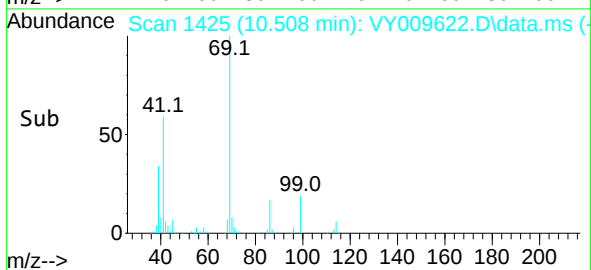
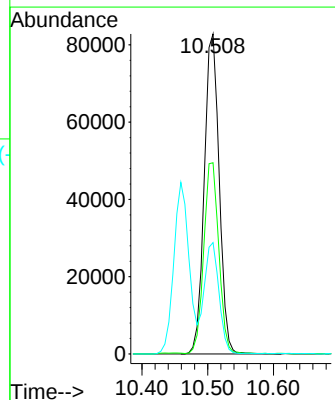
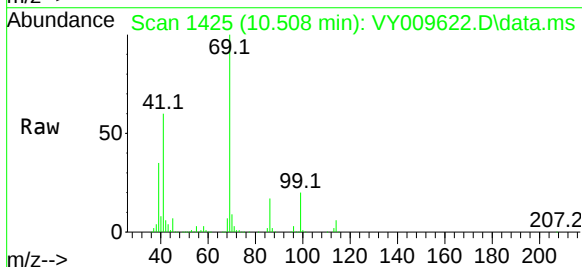
Ion	Ratio	Lower	Upper
97	100		
83	83.2	69.8	104.8
85	53.1	44.3	66.5
99	64.4	49.8	74.6

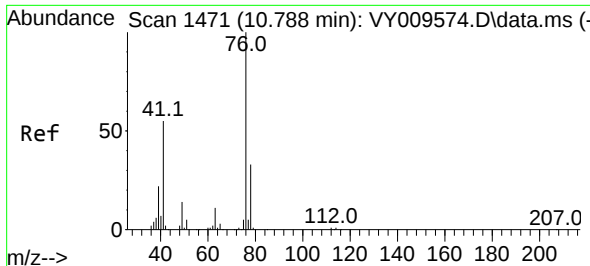


#56
Ethyl methacrylate
Concen: 56.210 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

Tgt Ion: 69 Resp: 130838

Ion	Ratio	Lower	Upper
69	100		
41	60.0	63.4	95.0#
39	34.5	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 54.232 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY009622.D

Acq: 21 Jul 2022 10:08

Instrument :

MSVOA_Y

ClientSampleId :

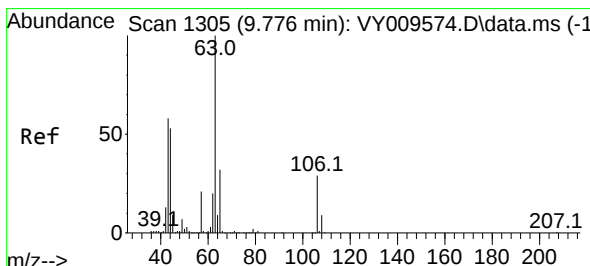
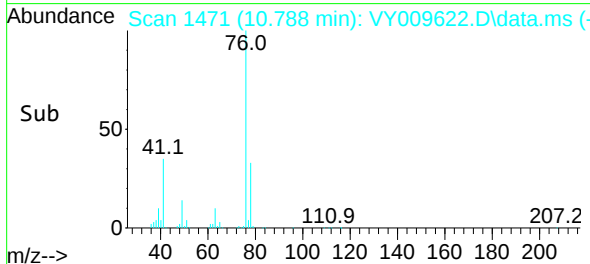
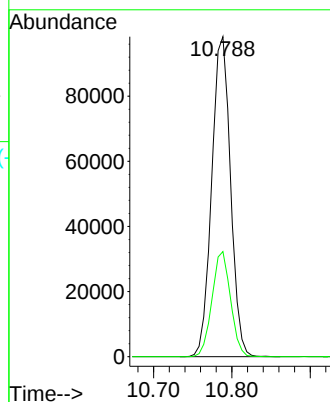
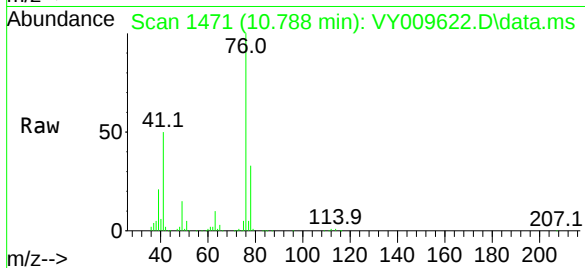
VSTDCCC050

Tgt Ion: 76 Resp: 163734

Ion Ratio Lower Upper

76 100

78 32.4 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 239.936 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY009622.D

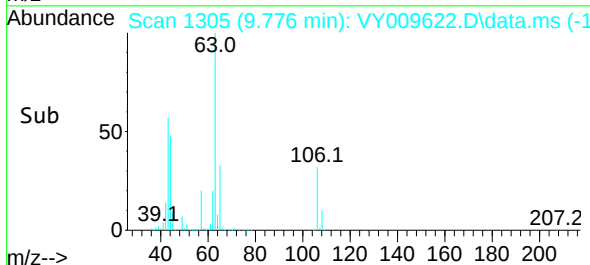
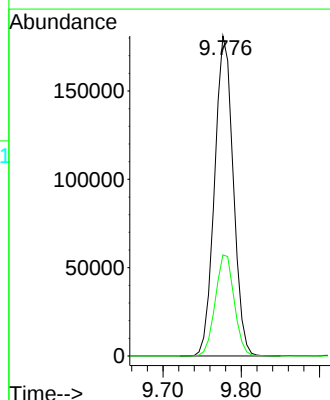
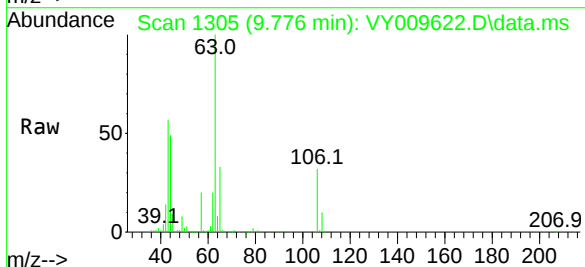
Acq: 21 Jul 2022 10:08

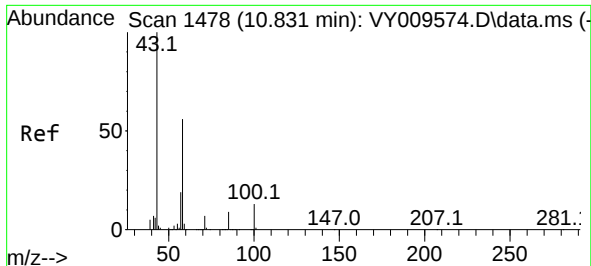
Tgt Ion: 63 Resp: 299932

Ion Ratio Lower Upper

63 100

106 32.0 21.5 32.3

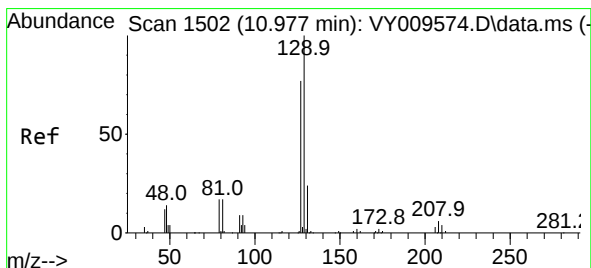
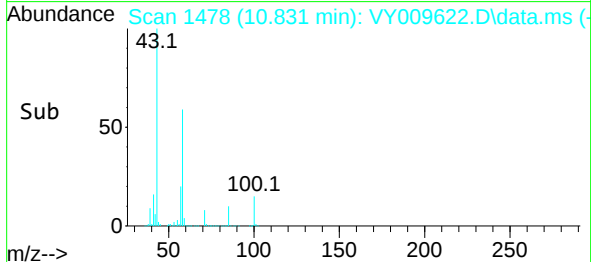
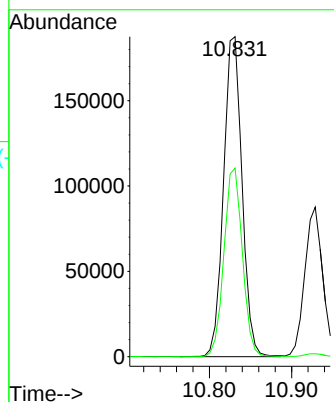
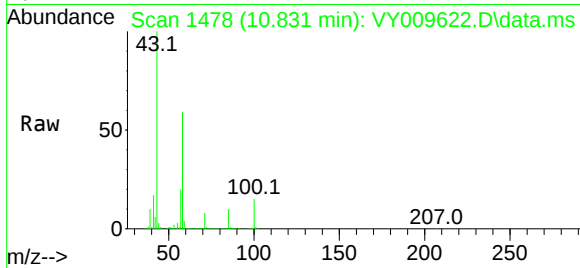




#59
2-Hexanone
Concen: 257.251 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

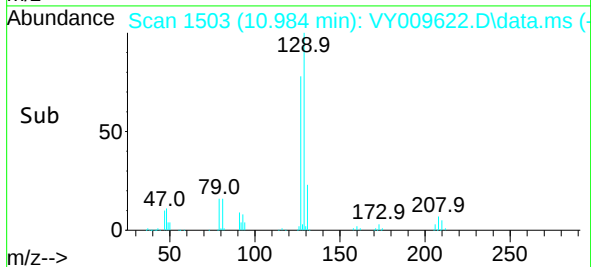
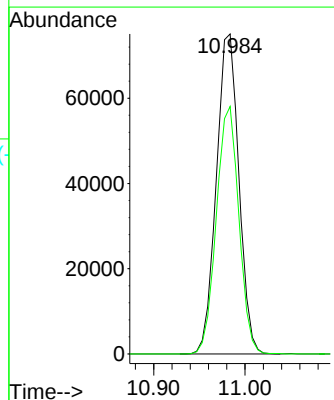
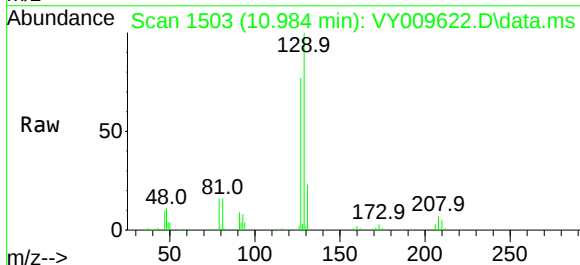
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

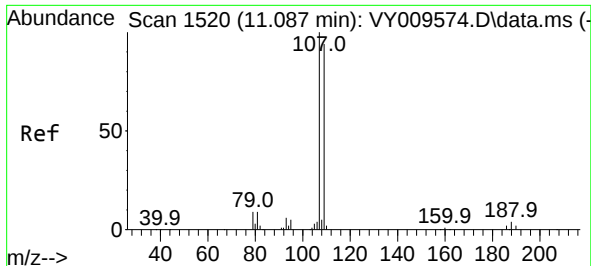
Tgt Ion: 43 Resp: 293546
Ion Ratio Lower Upper
43 100
58 58.9 24.4 73.4



#60
Dibromochloromethane
Concen: 58.475 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.006 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

Tgt Ion: 129 Resp: 128734
Ion Ratio Lower Upper
129 100
127 77.3 38.7 116.1

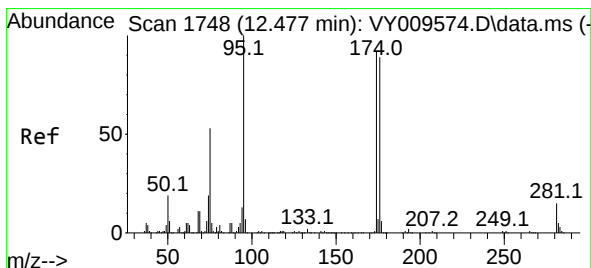
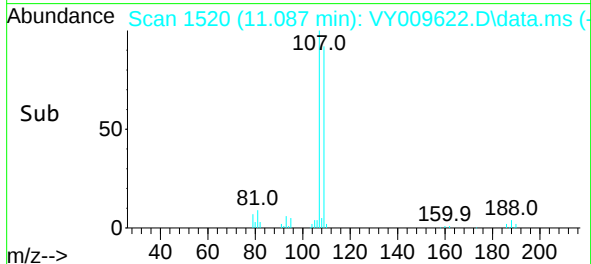
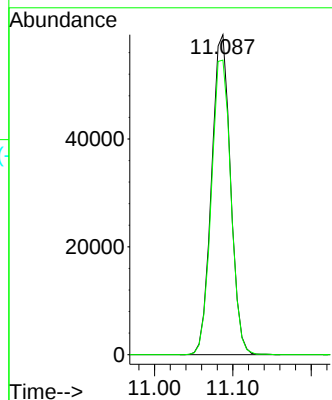
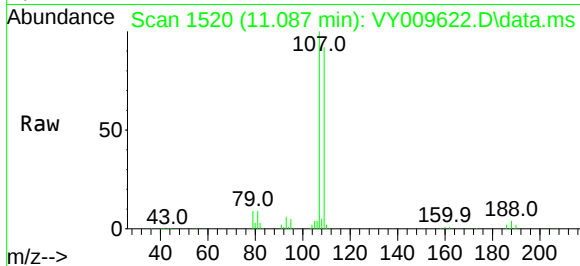




#61
1,2-Dibromoethane
Concen: 56.090 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

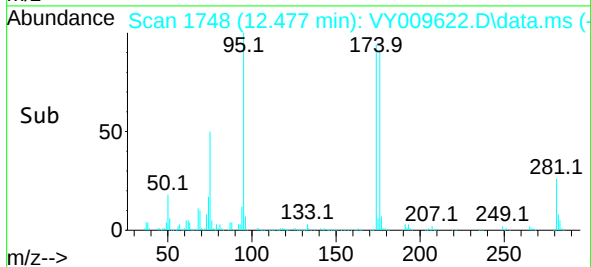
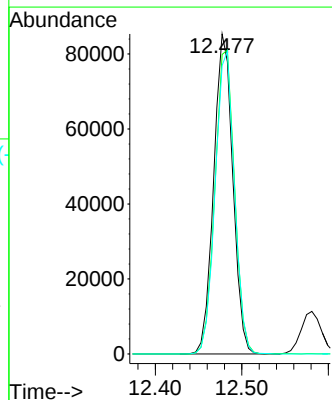
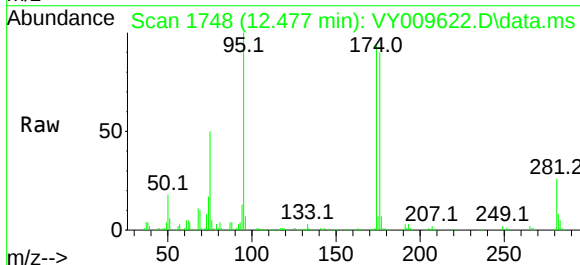
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

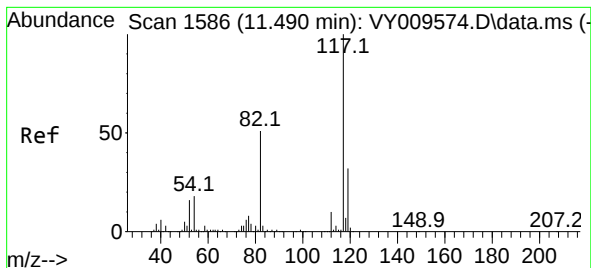
Tgt Ion:107 Resp: 99564
Ion Ratio Lower Upper
107 100
109 95.1 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 50.009 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

Tgt Ion: 95 Resp: 130611
Ion Ratio Lower Upper
95 100
174 97.3 0.0 177.0
176 95.3 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009622.D

Acq: 21 Jul 2022 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

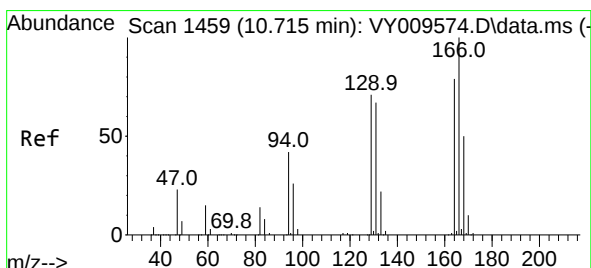
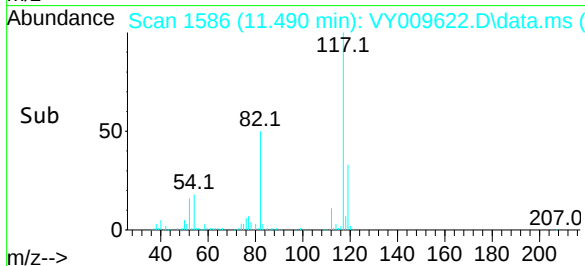
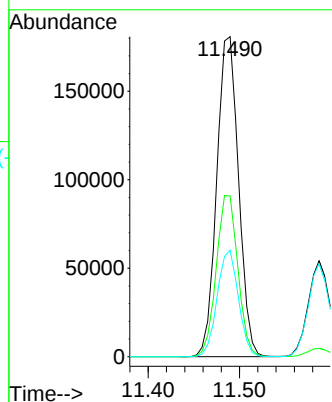
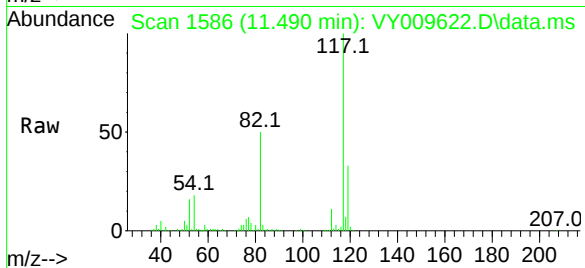
Tgt Ion:117 Resp: 299913

Ion Ratio Lower Upper

117 100

82 50.3 43.0 64.4

119 33.3 25.4 38.0



#64

Tetrachloroethene

Concen: 60.504 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY009622.D

Acq: 21 Jul 2022 10:08

Tgt Ion:164 Resp: 142012

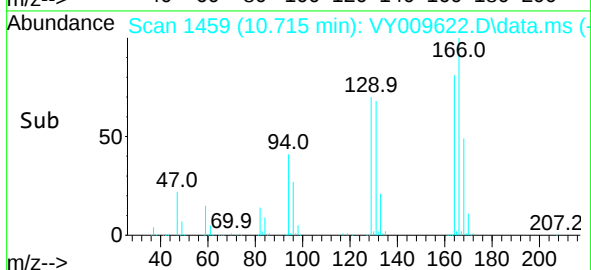
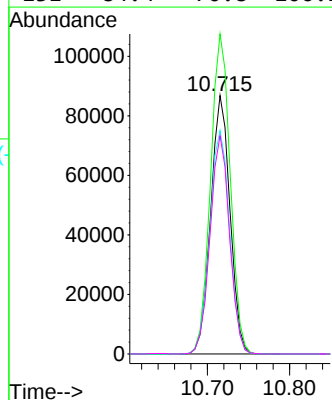
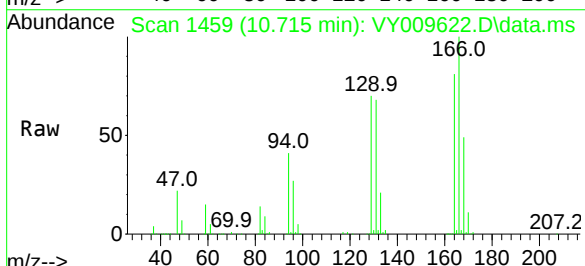
Ion Ratio Lower Upper

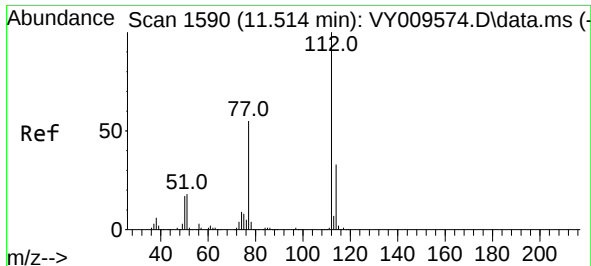
164 100

166 123.8 100.4 150.6

129 86.4 71.4 107.0

131 84.4 70.8 106.2

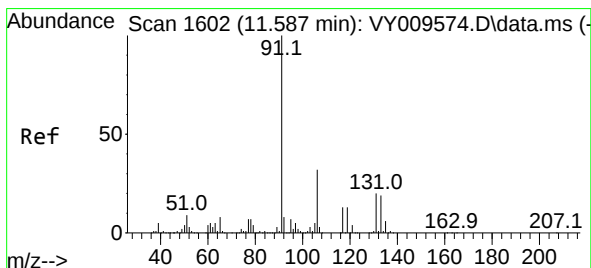
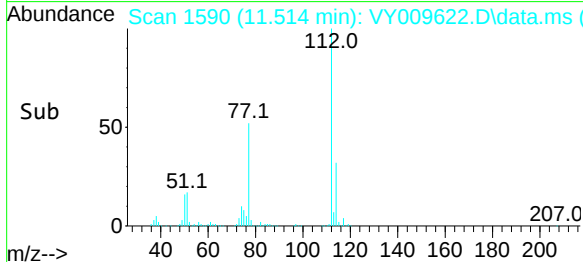
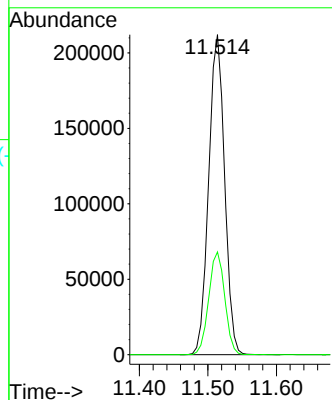
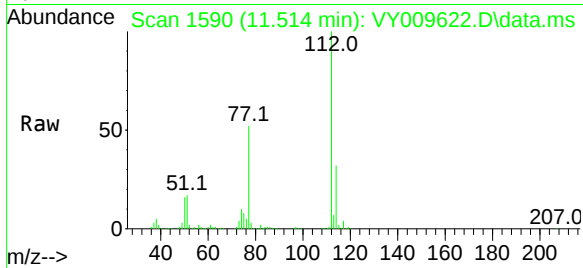




#65
Chlorobenzene
Concen: 55.968 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. 0.000 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

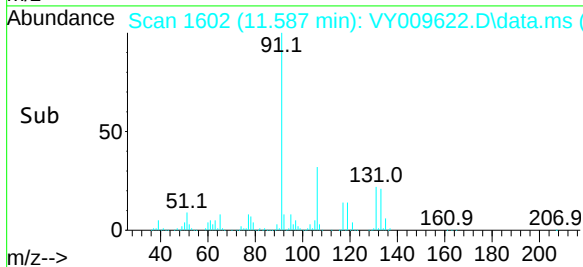
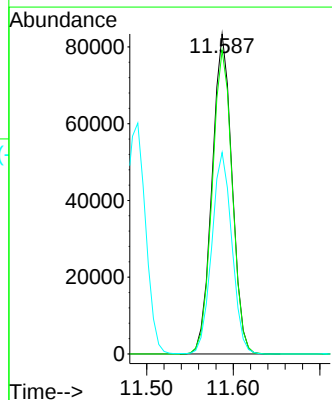
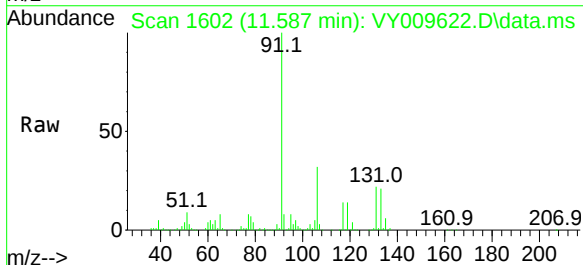
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

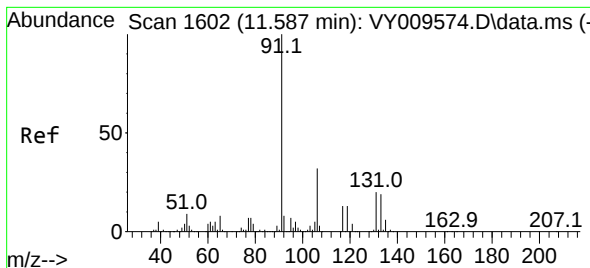
Tgt Ion:112 Resp: 343008
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 58.297 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

Tgt Ion:131 Resp: 132743
Ion Ratio Lower Upper
131 100
133 95.8 47.9 143.6
119 63.8 30.8 92.3





#67

Ethyl Benzene

Concen: 55.641 ug/l

RT: 11.587 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009622.D

Acq: 21 Jul 2022 10:08

Instrument :

MSVOA_Y

ClientSampleId :

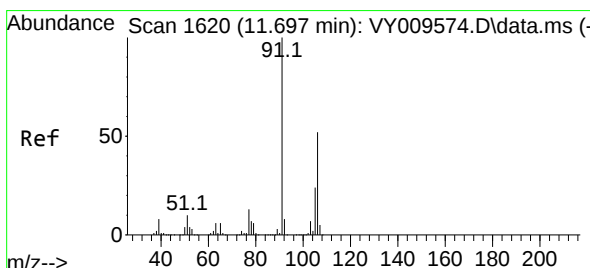
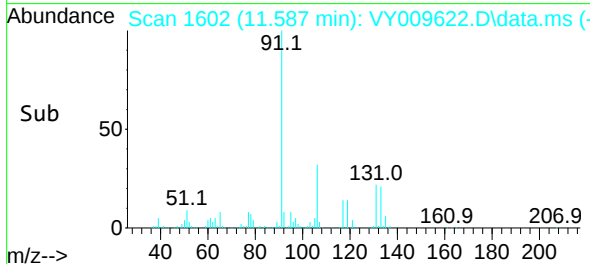
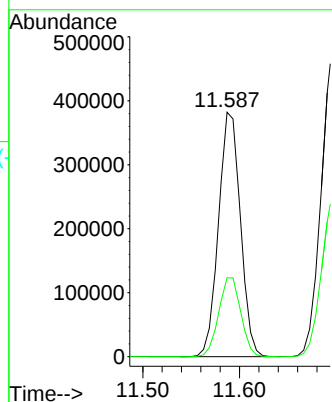
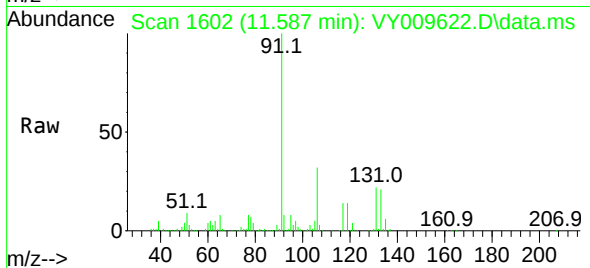
VSTDCCC050

Tgt Ion: 91 Resp: 599755

Ion Ratio Lower Upper

91 100

106 32.3 24.5 36.7



#68

m/p-Xylenes

Concen: 111.593 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY009622.D

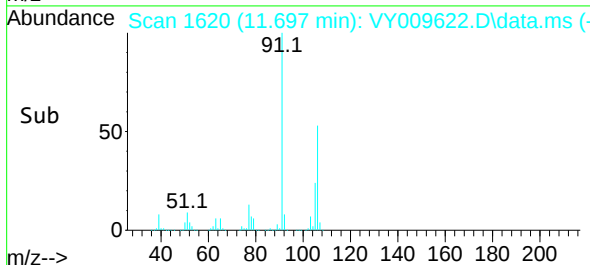
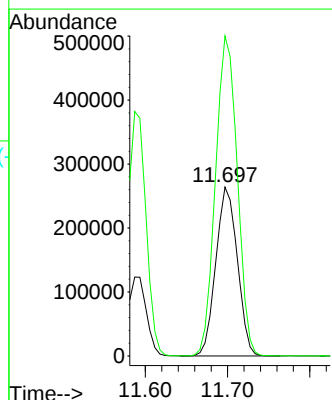
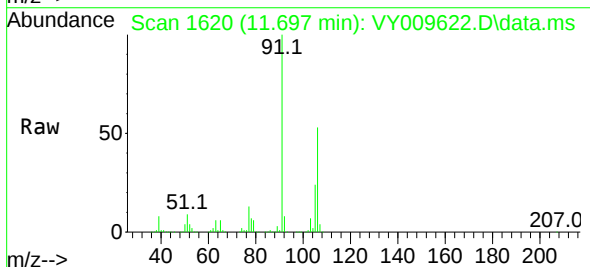
Acq: 21 Jul 2022 10:08

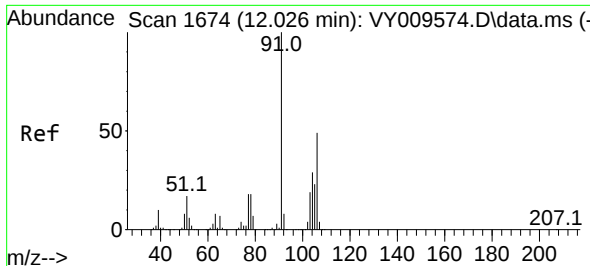
Tgt Ion:106 Resp: 478715

Ion Ratio Lower Upper

106 100

91 192.2 166.6 249.8

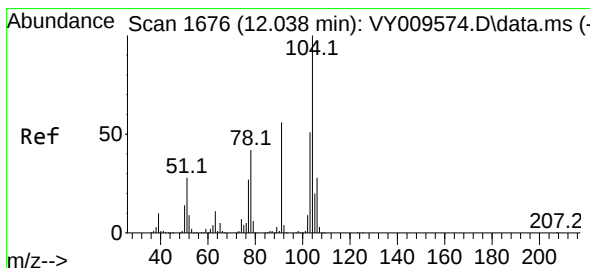
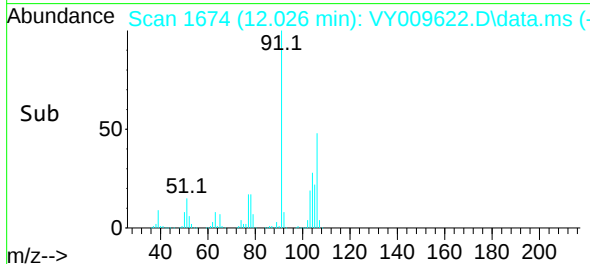
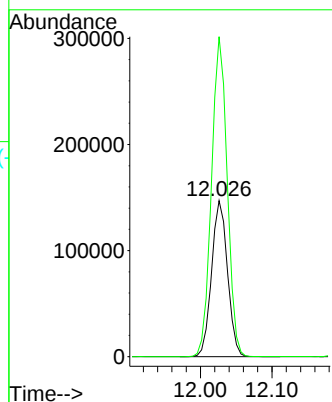
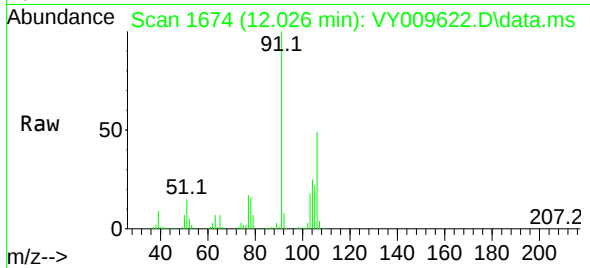




#69
o-Xylene
Concen: 56.540 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

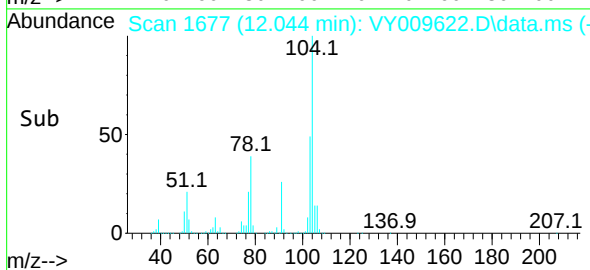
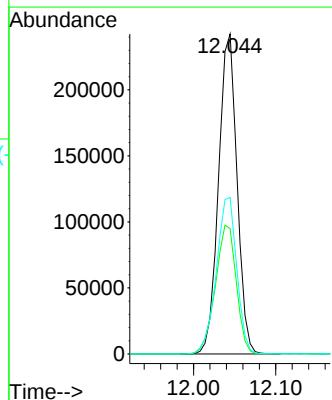
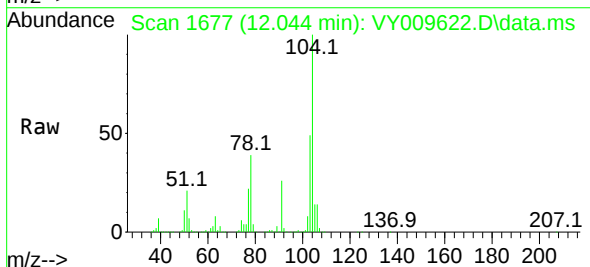
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

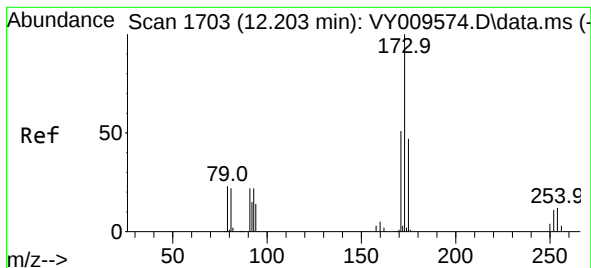
Tgt Ion:106 Resp: 226977
Ion Ratio Lower Upper
106 100
91 202.9 110.3 331.0



#70
Styrene
Concen: 56.748 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

Tgt Ion:104 Resp: 378911
Ion Ratio Lower Upper
104 100
78 45.5 42.4 63.6
103 54.1 44.4 66.6





#71

Bromoform

Concen: 59.822 ug/l

RT: 12.203 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009622.D

Acq: 21 Jul 2022 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

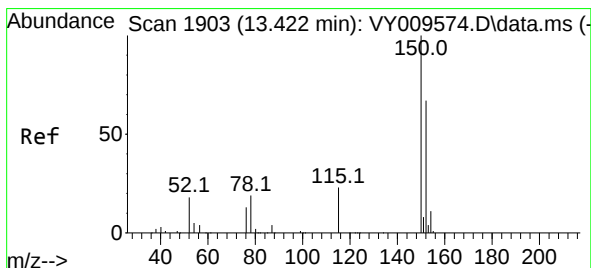
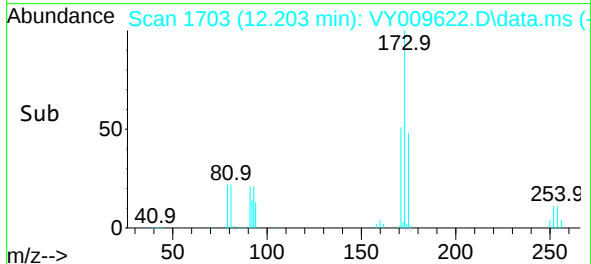
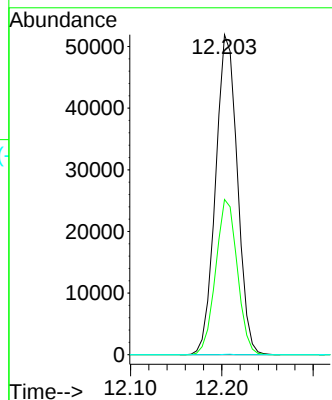
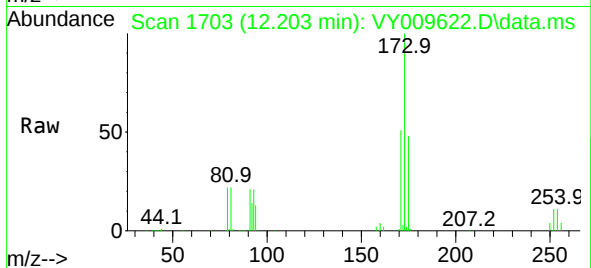
Tgt Ion:173 Resp: 85961

Ion Ratio Lower Upper

173 100

175 48.2 24.6 74.0

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY009622.D

Acq: 21 Jul 2022 10:08

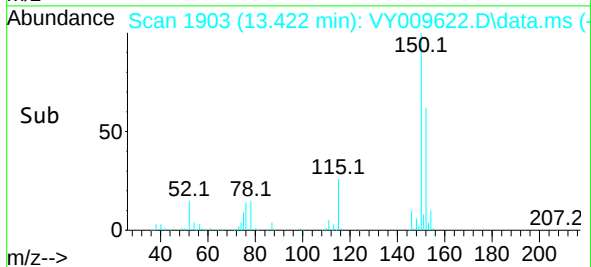
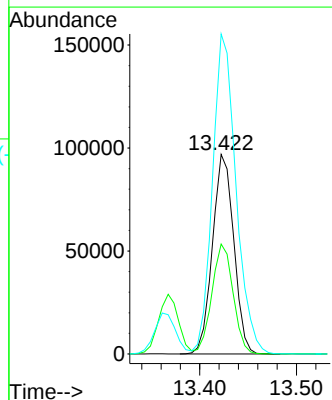
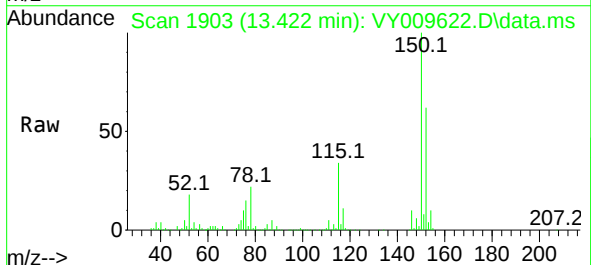
Tgt Ion:152 Resp: 148036

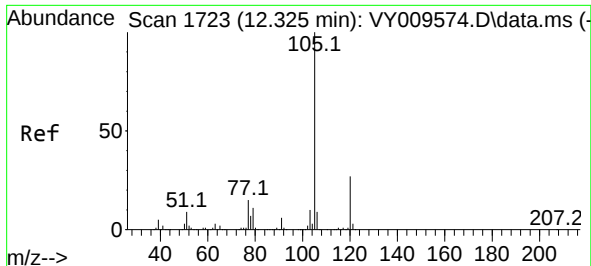
Ion Ratio Lower Upper

152 100

115 54.9 28.2 84.7

150 176.9 0.0 347.6

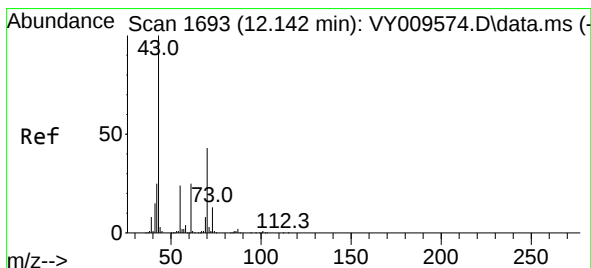
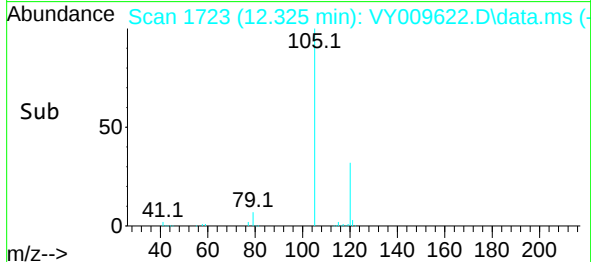
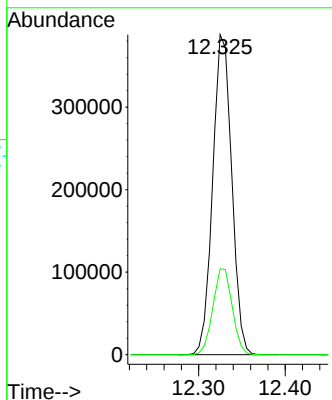
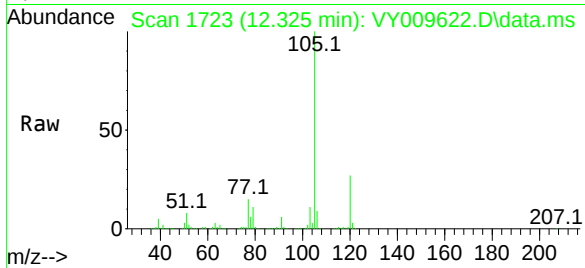




#73
Isopropylbenzene
Concen: 57.746 ug/l
RT: 12.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

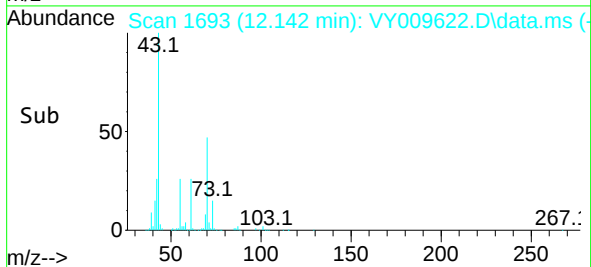
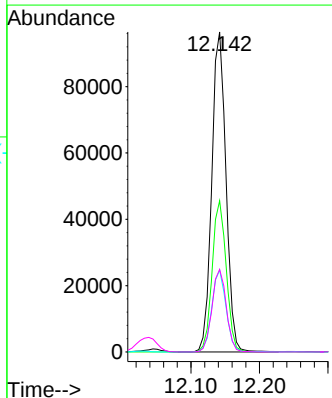
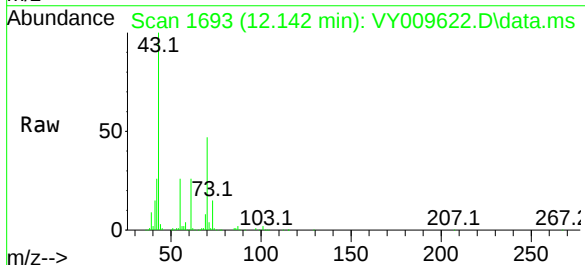
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

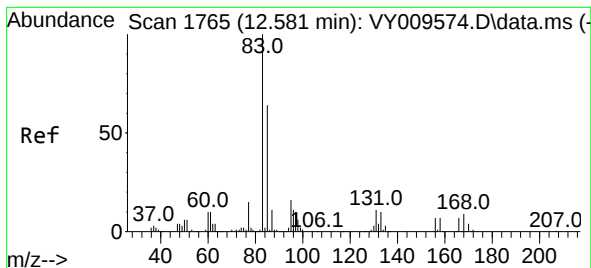
Tgt Ion:105 Resp: 591869
Ion Ratio Lower Upper
105 100
120 27.3 13.4 40.2



#74
N-ethyl acetate
Concen: 50.908 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

Tgt Ion: 43 Resp: 138770
Ion Ratio Lower Upper
43 100
70 46.9 28.7 43.1#
55 25.5 17.3 25.9
61 25.9 17.0 25.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 52.959 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY009622.D

Acq: 21 Jul 2022 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

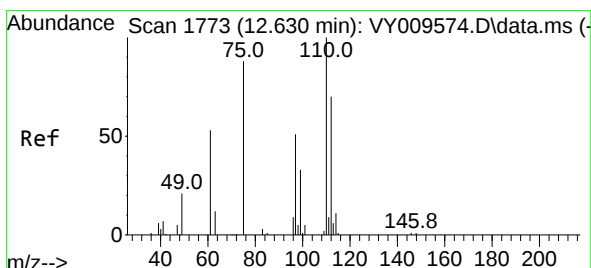
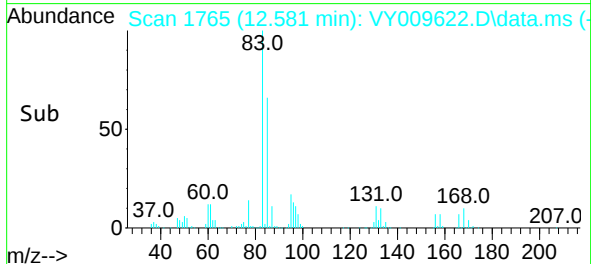
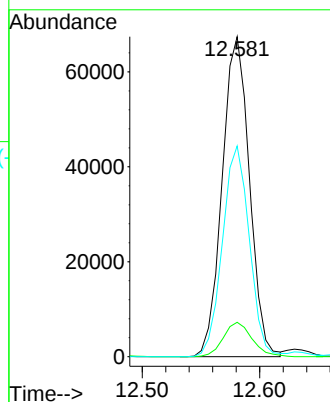
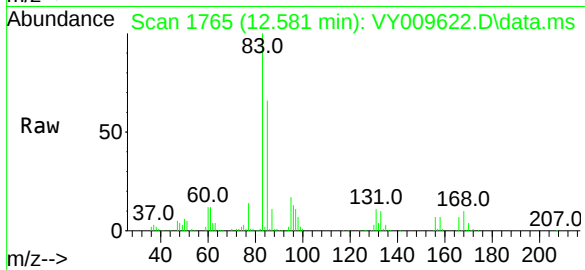
Tgt Ion: 83 Resp: 108707

Ion Ratio Lower Upper

83 100

131 11.3 5.6 16.8

85 64.8 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 102.357 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY009622.D

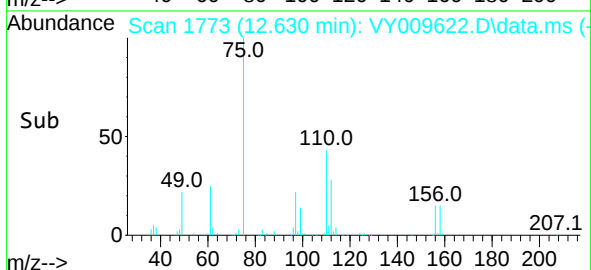
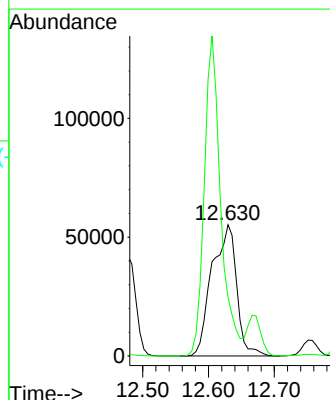
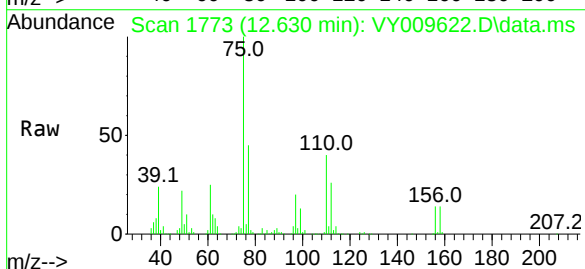
Acq: 21 Jul 2022 10:08

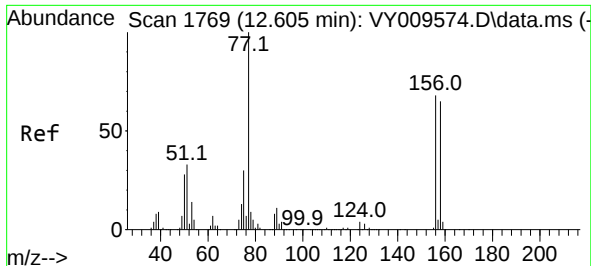
Tgt Ion: 75 Resp: 144344

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

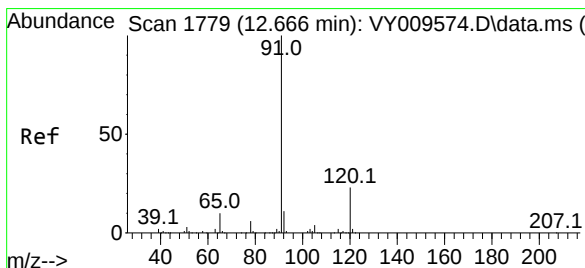
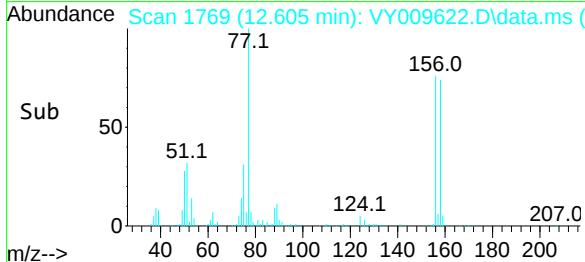
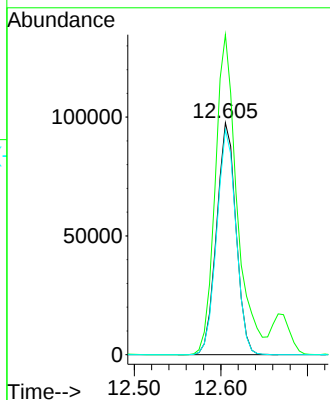
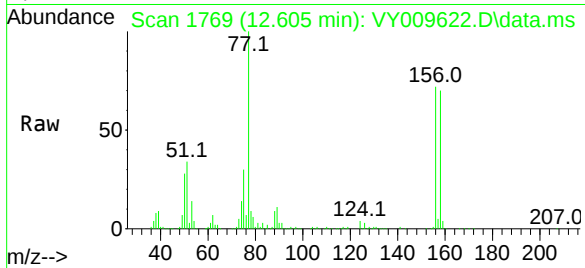




#77
Bromobenzene
Concen: 58.746 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

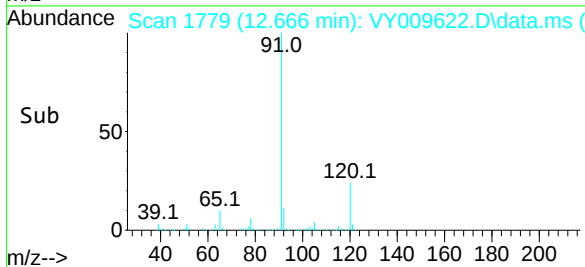
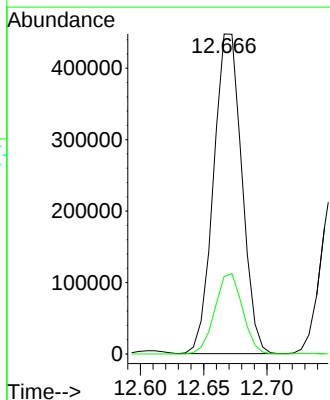
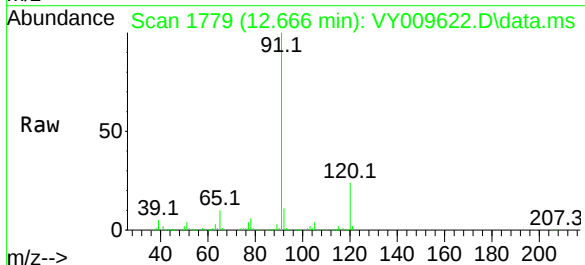
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

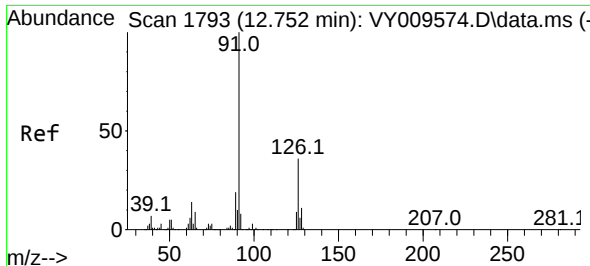
Tgt Ion:156 Resp: 151413
Ion Ratio Lower Upper
156 100
77 154.3 95.5 286.4
158 96.8 48.0 144.0



#78
n-propylbenzene
Concen: 56.156 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

Tgt Ion: 91 Resp: 695487
Ion Ratio Lower Upper
91 100
120 24.6 11.3 33.9

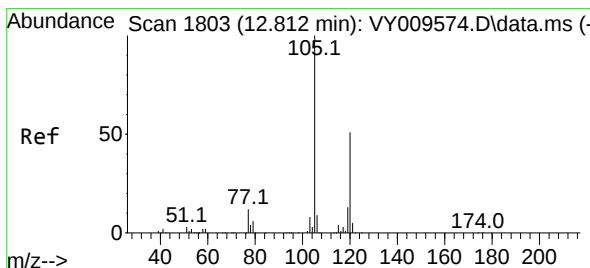
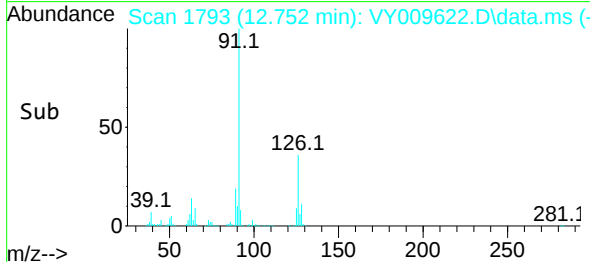
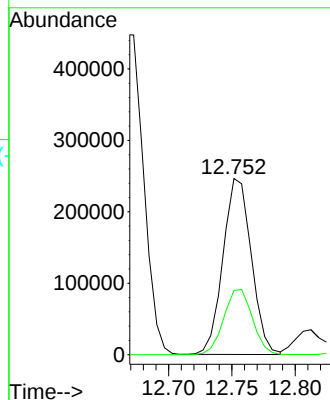
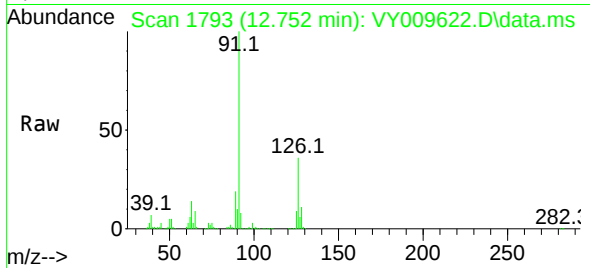




#79
2-Chlorotoluene
Concen: 55.943 ug/l
RT: 12.752 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

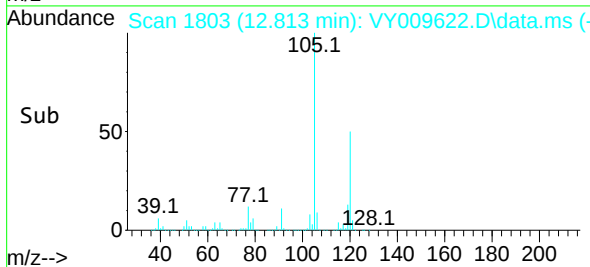
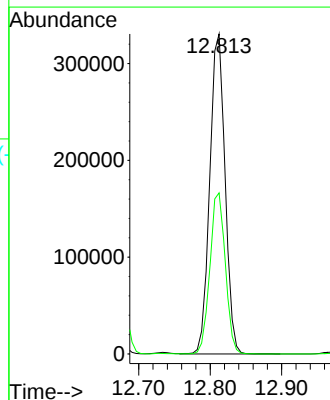
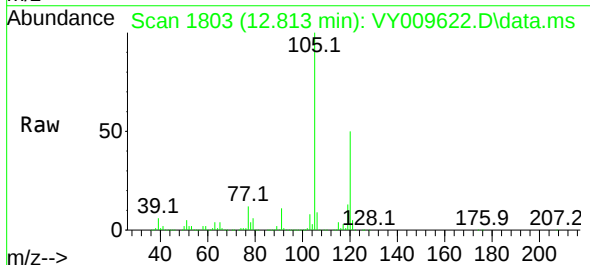
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

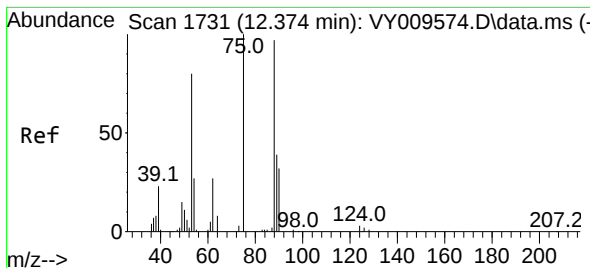
Tgt Ion: 91 Resp: 384142
Ion Ratio Lower Upper
91 100
126 37.5 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 57.894 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

Tgt Ion: 105 Resp: 490325
Ion Ratio Lower Upper
105 100
120 50.9 24.4 73.4

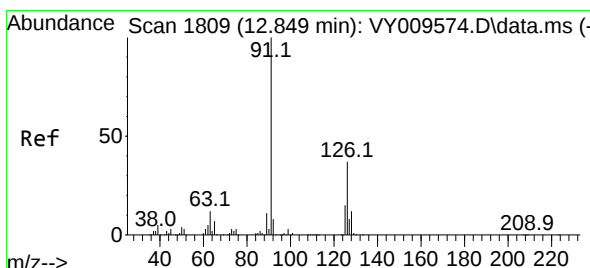
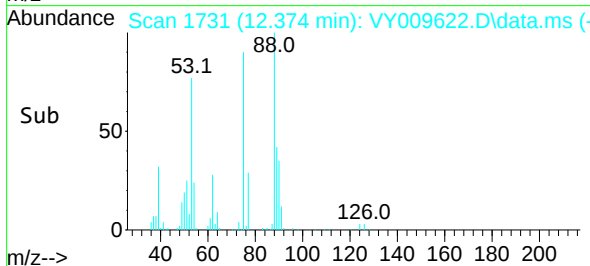
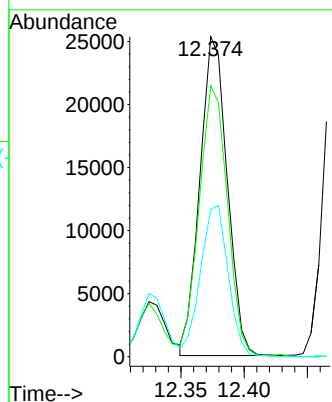
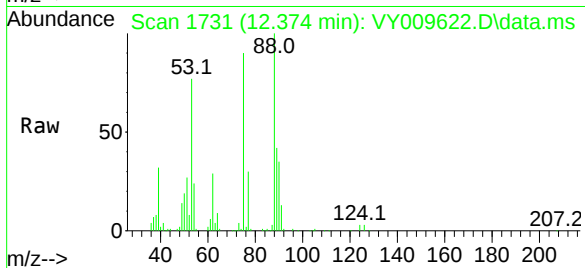




#81
trans-1,4-Dichloro-2-butene
Concen: 53.289 ug/l
RT: 12.374 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

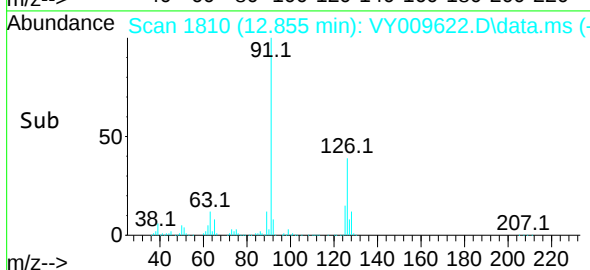
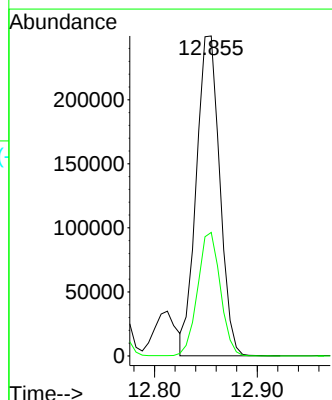
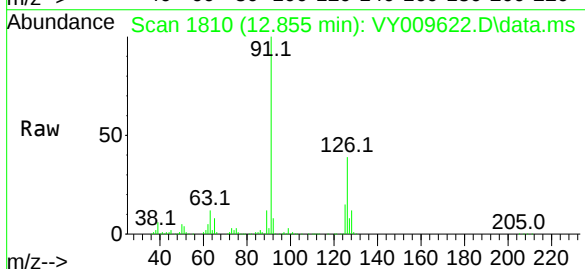
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

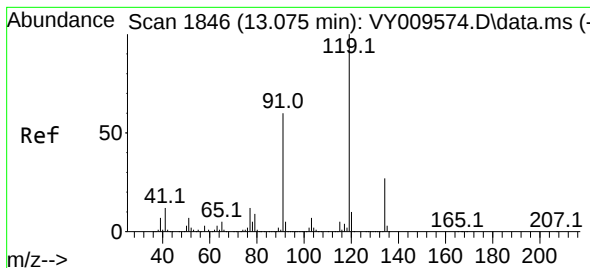
Tgt Ion: 75 Resp: 38112
Ion Ratio Lower Upper
75 100
53 86.9 85.3 127.9
89 48.1 37.0 55.4



#82
4-Chlorotoluene
Concen: 55.439 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

Tgt Ion: 91 Resp: 394930
Ion Ratio Lower Upper
91 100
126 37.6 17.0 51.0

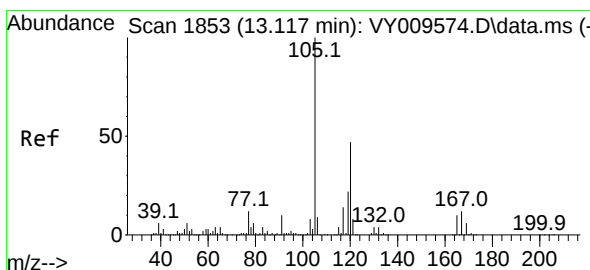
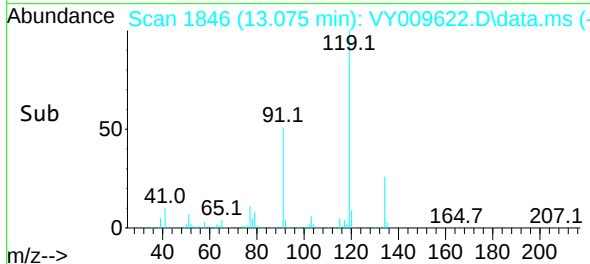
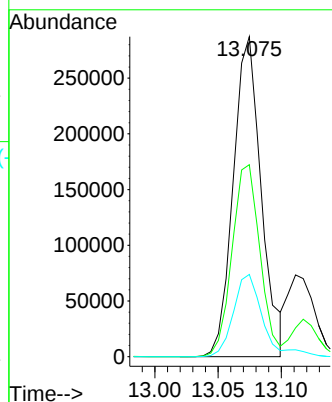
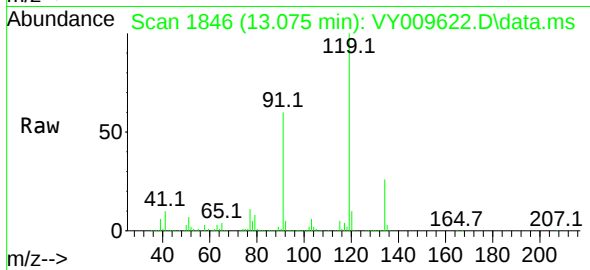




#83
tert-Butylbenzene
Concen: 58.733 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

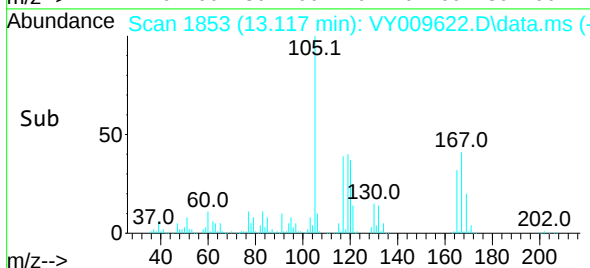
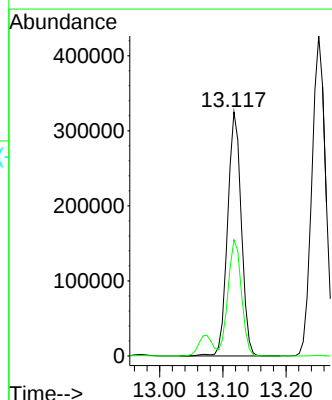
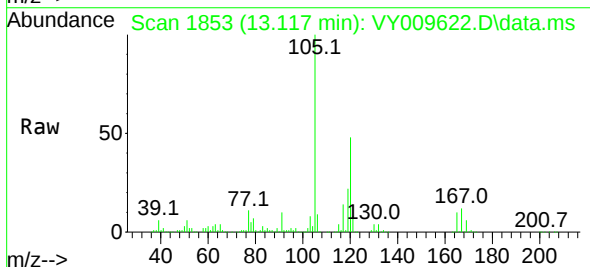
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

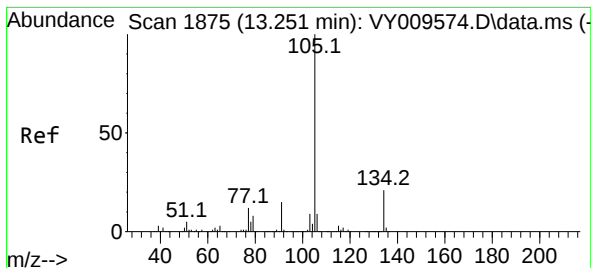
Tgt Ion:119 Resp: 441933
Ion Ratio Lower Upper
119 100
91 59.9 34.8 104.4
134 27.0 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 57.463 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

Tgt Ion:105 Resp: 486712
Ion Ratio Lower Upper
105 100
120 46.7 22.3 66.9





#85

sec-Butylbenzene

Concen: 57.178 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009622.D

Acq: 21 Jul 2022 10:08

Instrument :

MSVOA_Y

ClientSampleId :

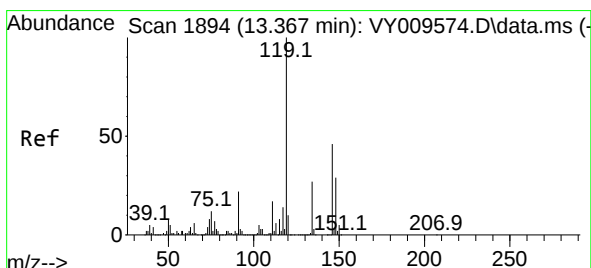
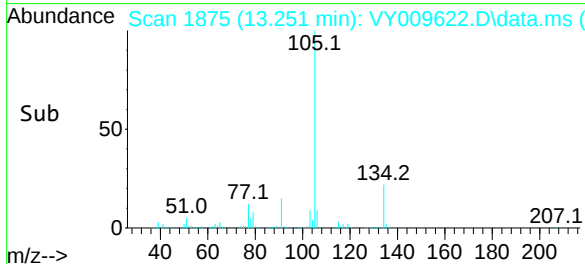
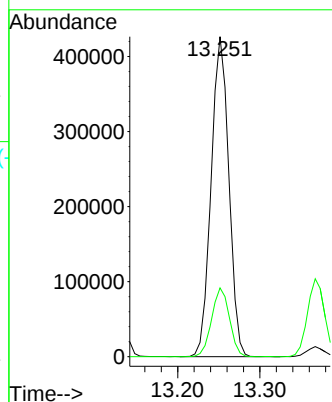
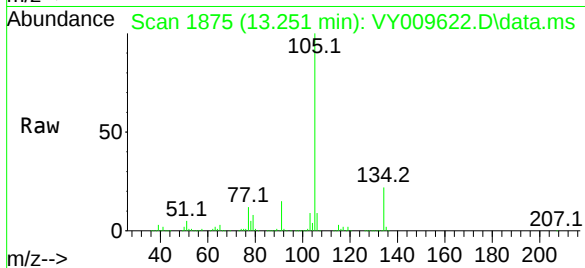
VSTDCCC050

Tgt Ion:105 Resp: 637881

Ion Ratio Lower Upper

105 100

134 21.5 10.2 30.4



#86

p-Isopropyltoluene

Concen: 58.523 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009622.D

Acq: 21 Jul 2022 10:08

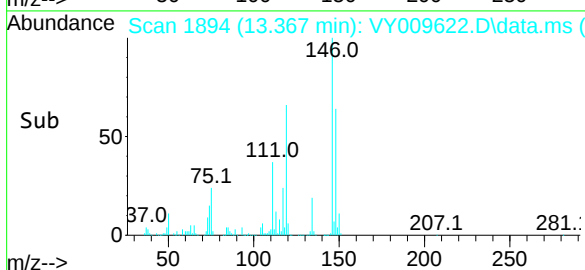
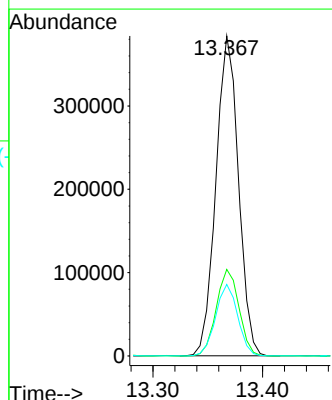
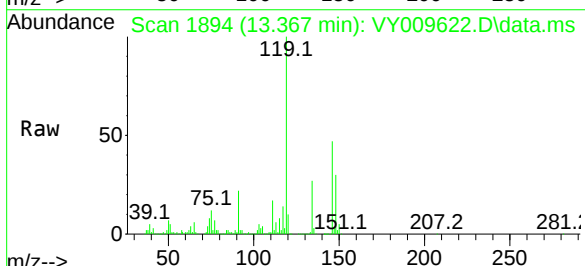
Tgt Ion:119 Resp: 548670

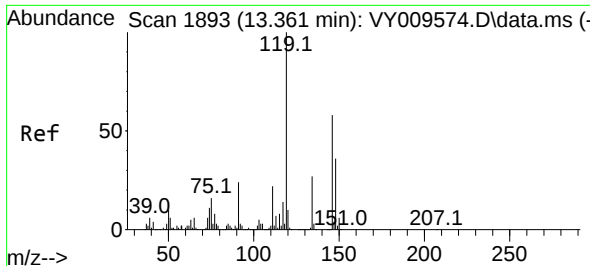
Ion Ratio Lower Upper

119 100

134 27.1 13.2 39.5

91 21.9 12.4 37.2

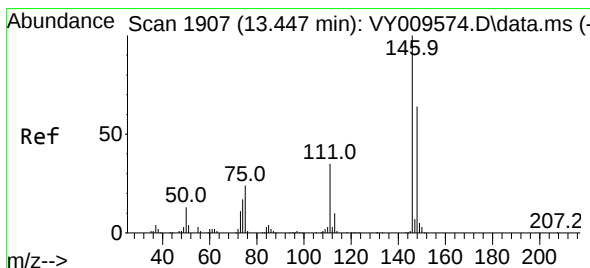
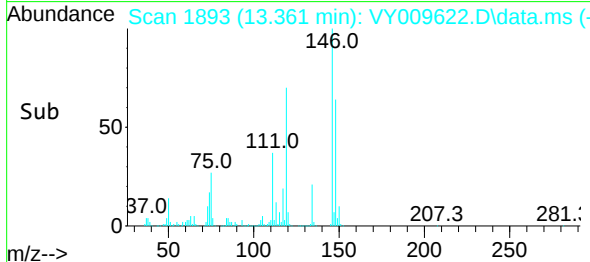
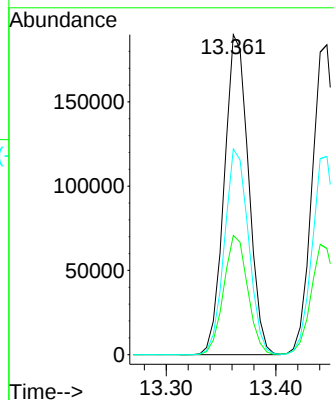
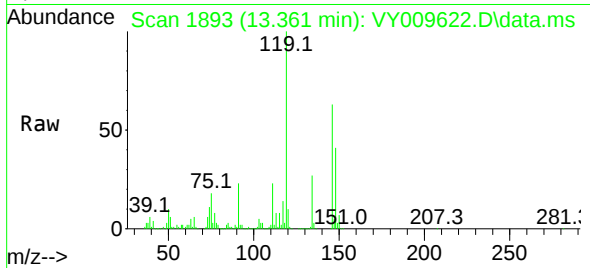




#87
 1,3-Dichlorobenzene
 Concen: 57.207 ug/l
 RT: 13.361 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VY009622.D
 Acq: 21 Jul 2022 10:08

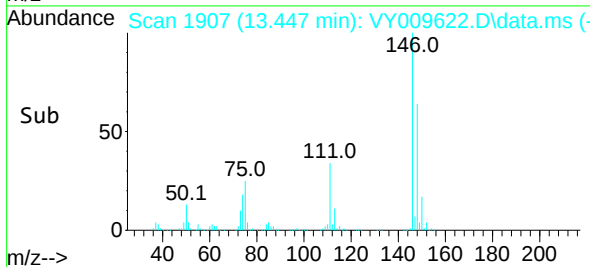
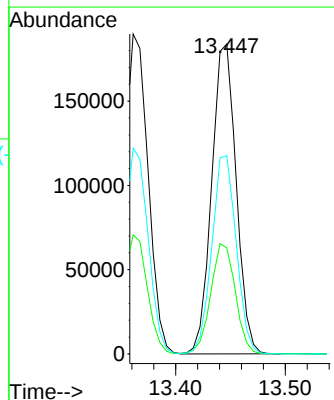
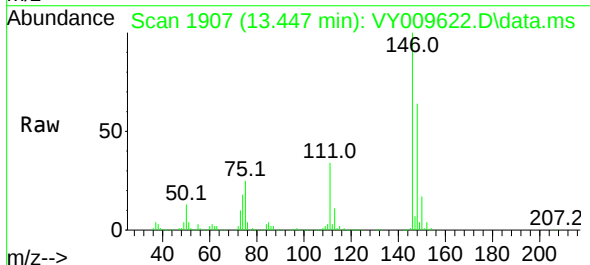
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

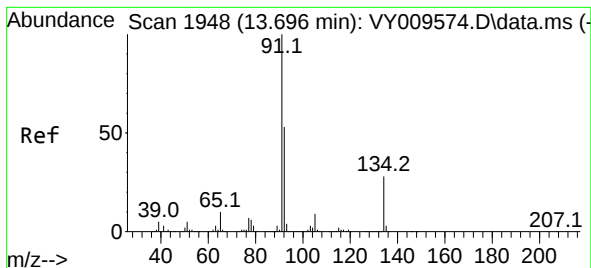
Tgt Ion:146 Resp: 291675
 Ion Ratio Lower Upper
 146 100
 111 37.0 19.5 58.5
 148 63.8 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 56.500 ug/l
 RT: 13.447 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY009622.D
 Acq: 21 Jul 2022 10:08

Tgt Ion:146 Resp: 285622
 Ion Ratio Lower Upper
 146 100
 111 35.6 19.3 57.8
 148 63.9 32.6 97.8





#89

n-Butylbenzene

Concen: 57.282 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY009622.D

Acq: 21 Jul 2022 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

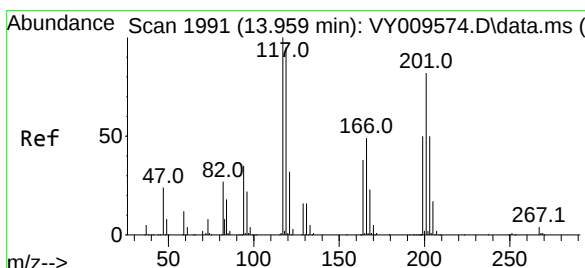
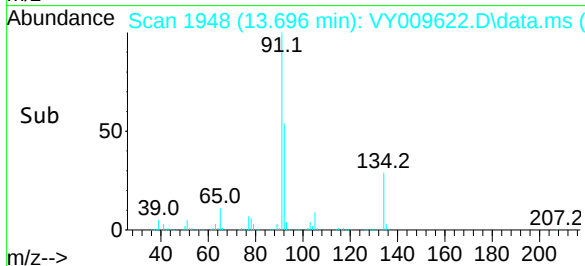
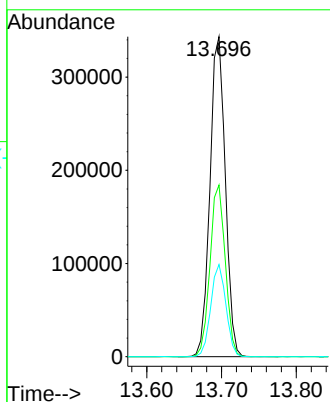
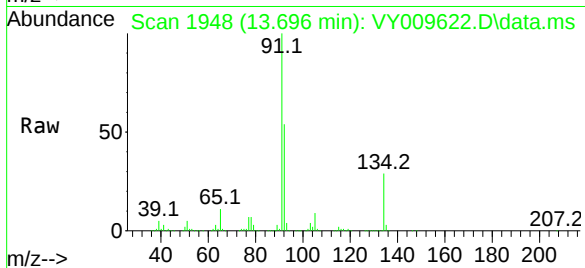
Tgt Ion: 91 Resp: 490468

Ion Ratio Lower Upper

91 100

92 53.4 26.3 78.9

134 28.4 13.0 38.9



#90

Hexachloroethane

Concen: 56.937 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY009622.D

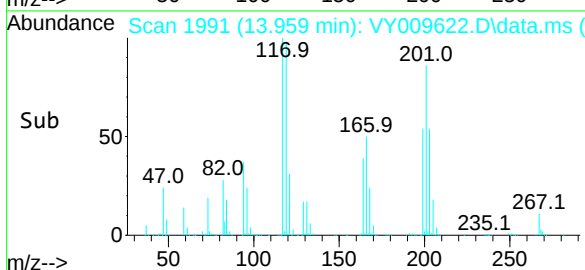
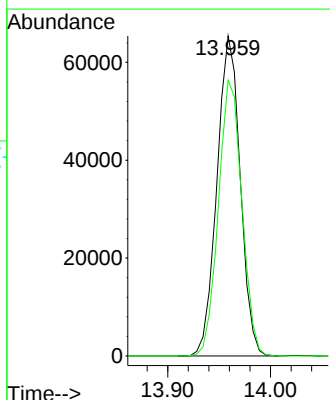
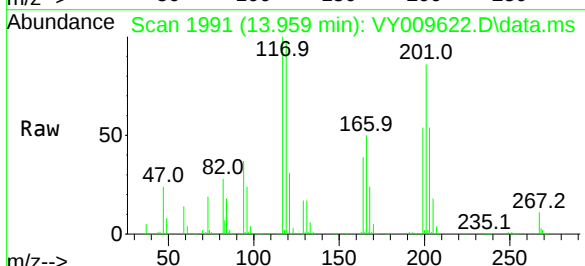
Acq: 21 Jul 2022 10:08

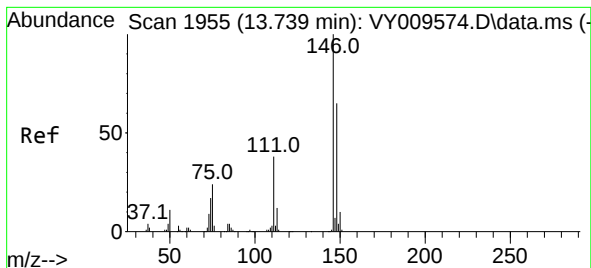
Tgt Ion: 117 Resp: 102841

Ion Ratio Lower Upper

117 100

201 86.9 43.0 128.8

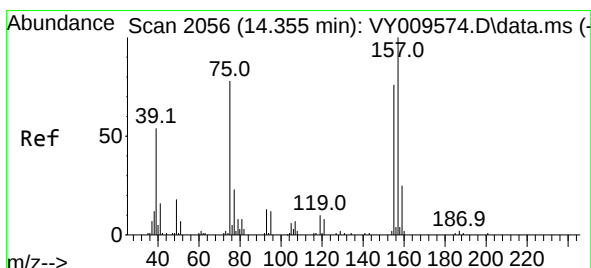
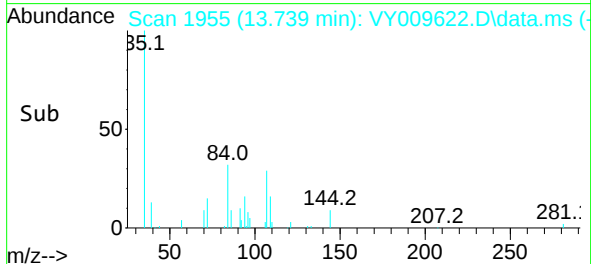
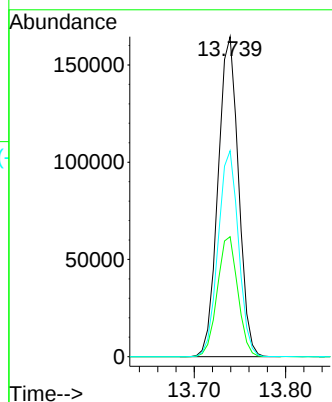
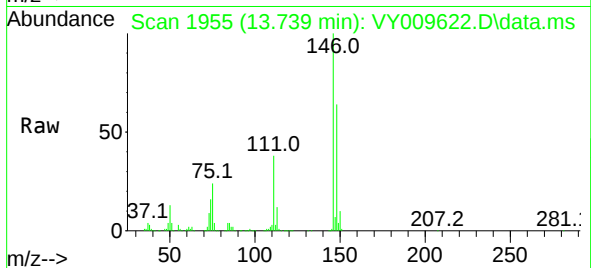




#91
1,2-Dichlorobenzene
Concen: 57.395 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

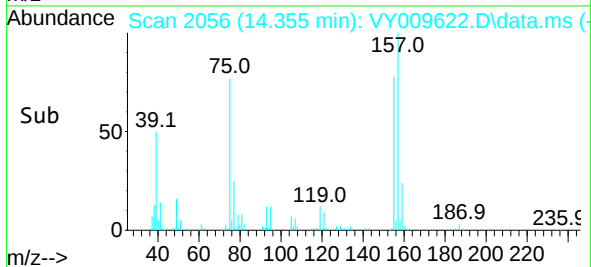
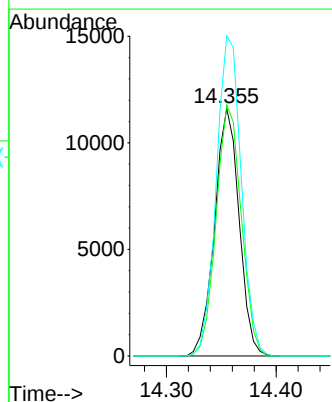
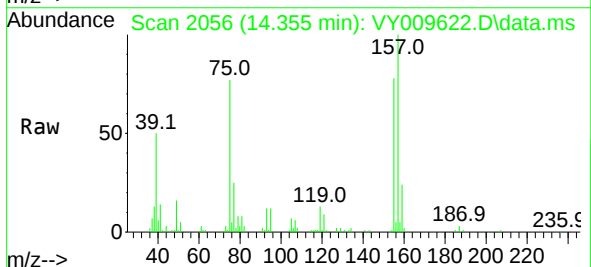
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

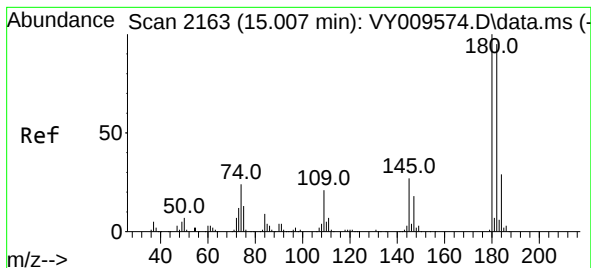
Tgt Ion:146 Resp: 255640
Ion Ratio Lower Upper
146 100
111 37.6 20.3 60.9
148 64.4 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 57.859 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY009622.D
Acq: 21 Jul 2022 10:08

Tgt Ion: 75 Resp: 18068
Ion Ratio Lower Upper
75 100
155 103.8 38.0 113.9
157 131.5 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 61.665 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY009622.D

Acq: 21 Jul 2022 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

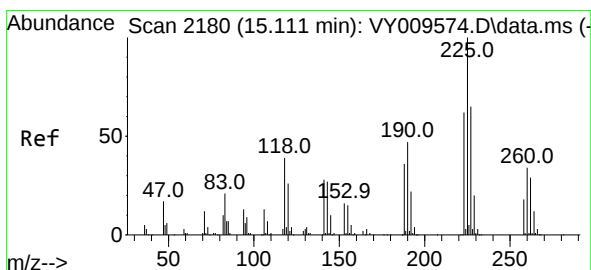
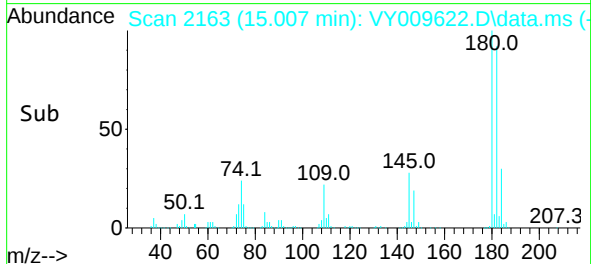
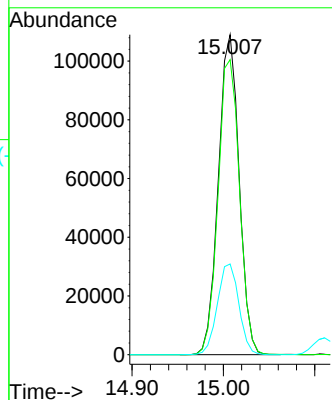
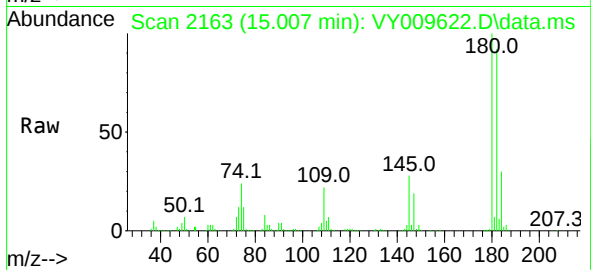
Tgt Ion:180 Resp: 172389

Ion Ratio Lower Upper

180 100

182 95.3 47.3 141.9

145 29.4 14.6 43.8



#94

Hexachlorobutadiene

Concen: 62.298 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY009622.D

Acq: 21 Jul 2022 10:08

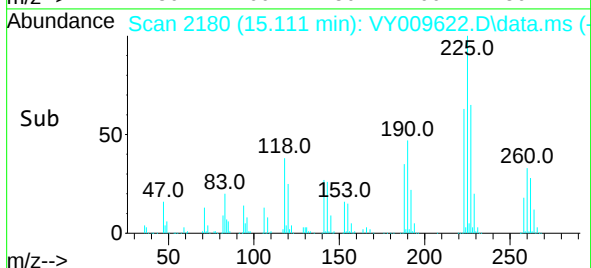
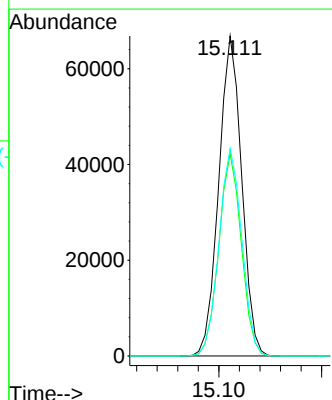
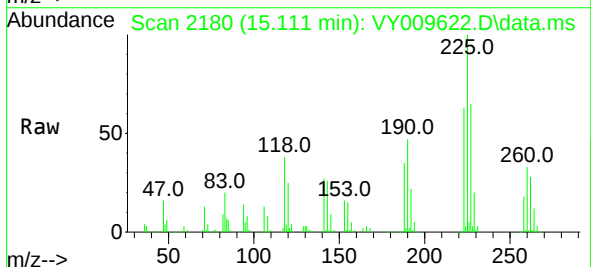
Tgt Ion:225 Resp: 103317

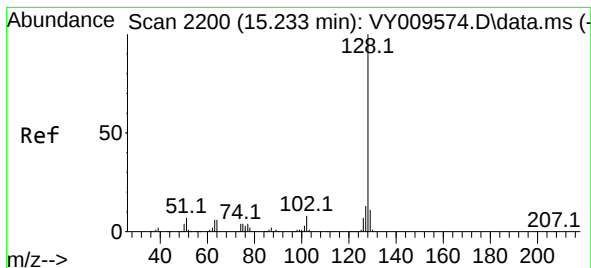
Ion Ratio Lower Upper

225 100

223 62.1 30.8 92.3

227 64.9 31.6 94.7





#95

Naphthalene

Concen: 62.948 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY009622.D

Acq: 21 Jul 2022 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

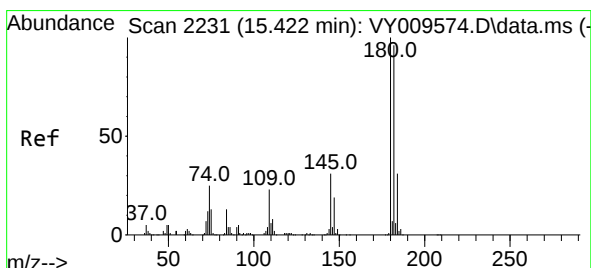
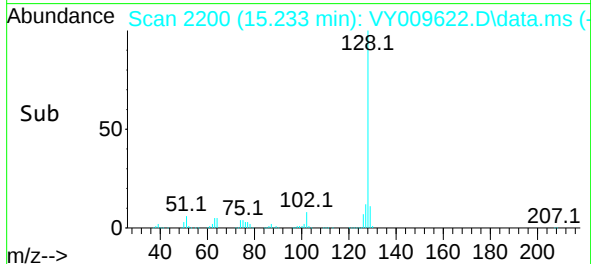
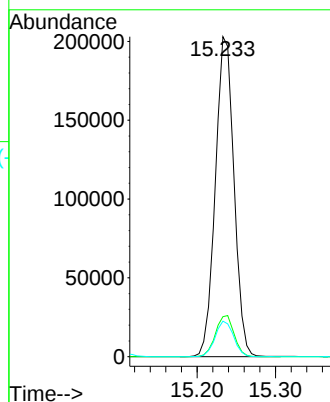
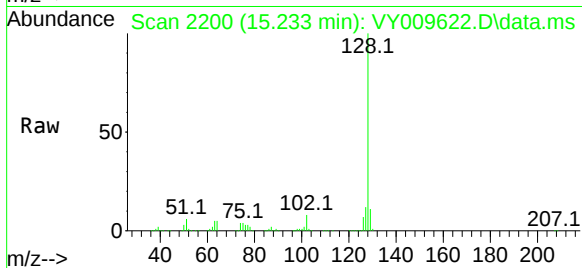
Tgt Ion:128 Resp: 335978

Ion Ratio Lower Upper

128 100

127 12.9 11.0 16.4

129 11.0 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 61.484 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY009622.D

Acq: 21 Jul 2022 10:08

Tgt Ion:180 Resp: 150985

Ion Ratio Lower Upper

180 100

182 95.8 47.3 141.9

145 31.0 15.3 45.9

