

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021423\
 Data File : VY012577.D
 Acq On : 14 Feb 2023 09:52
 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: Feb 15 04:23:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	121054	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	174737	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	161015	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	89977	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	81456	52.916	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.840%	
35) Dibromofluoromethane	7.716	113	70196	55.162	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.320%	
50) Toluene-d8	10.179	98	283250	53.477	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.960%	
62) 4-Bromofluorobenzene	12.483	95	98128	53.114	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.220%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	37584	43.481	ug/l	99
3) Chloromethane	2.113	50	37941	40.226	ug/l	98
4) Vinyl Chloride	2.253	62	51556	43.875	ug/l	98
5) Bromomethane	2.650	94	41757	48.598	ug/l	97
6) Chloroethane	2.796	64	37727	46.126	ug/l	99
7) Trichlorofluoromethane	3.131	101	117513	48.654	ug/l	100
8) Diethyl Ether	3.534	74	34634	48.359	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.906	101	58534	47.992	ug/l	99
10) Methyl Iodide	4.095	142	79258	50.127	ug/l	97
11) Tert butyl alcohol	4.948	59	33337	223.333	ug/l	95
12) 1,1-Dichloroethene	3.875	96	55888	46.376	ug/l	98
13) Acrolein	3.729	56	46444	256.646	ug/l	99
14) Allyl chloride	4.479	41	65436	44.534	ug/l	96
15) Acrylonitrile	5.161	53	83831	253.714	ug/l	98
16) Acetone	3.948	43	103038	278.107	ug/l	97
17) Carbon Disulfide	4.198	76	129049	41.285	ug/l	98
18) Methyl Acetate	4.473	43	43649	49.015	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	183892	52.147	ug/l	96
20) Methylene Chloride	4.716	84	63801	45.736	ug/l	100
21) trans-1,2-Dichloroethene	5.222	96	62015	47.185	ug/l	93
22) Diisopropyl ether	6.119	45	141344	47.308	ug/l	95
23) Vinyl Acetate	6.058	43	449625	249.633	ug/l	98
24) 1,1-Dichloroethane	6.021	63	100211	46.919	ug/l	98
25) 2-Butanone	6.984	43	104759	254.844	ug/l	95
26) 2,2-Dichloropropane	6.984	77	114178	48.655	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	73940	48.478	ug/l	99
28) Bromochloromethane	7.332	49	40833	52.594	ug/l	94
29) Tetrahydrofuran	7.344	42	56904	256.057	ug/l	95
30) Chloroform	7.509	83	126704	49.203	ug/l	97
31) Cyclohexane	7.783	56	73681	41.399	ug/l	92
32) 1,1,1-Trichloroethane	7.704	97	126627	50.674	ug/l	100
36) 1,1-Dichloropropene	7.917	75	83208	48.313	ug/l	98
37) Ethyl Acetate	7.076	43	39463	50.780	ug/l	99
38) Carbon Tetrachloride	7.899	117	120523	52.132	ug/l	100
39) Methylcyclohexane	9.185	83	98135	47.353	ug/l	96
40) Benzene	8.161	78	246775	48.512	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	17790m	41.784	ug/l	
42) 1,2-Dichloroethane	8.240	62	86701	52.586	ug/l	99
43) Isopropyl Acetate	8.271	43	75602	52.469	ug/l	99
44) Trichloroethene	8.941	130	75864	48.992	ug/l	99
45) 1,2-Dichloropropane	9.216	63	52826	47.892	ug/l	96
46) Dibromomethane	9.307	93	38510	52.728	ug/l	98
47) Bromodichloromethane	9.496	83	98358	51.940	ug/l	98
48) Methyl methacrylate	9.295	41	34219	51.956	ug/l	93
49) 1,4-Dioxane	9.295	88	12098	1199.944	ug/l	98
51) 4-Methyl-2-Pentanone	10.069	43	214078	275.378	ug/l	100
52) Toluene	10.246	92	172494	50.005	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	100681	52.762	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	103495	50.119	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	56608	53.045	ug/l	96
56) Ethyl methacrylate	10.508	69	72384	53.987	ug/l	97
57) 1,3-Dichloropropane	10.789	76	90048	52.283	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	191979	318.561	ug/l	97
59) 2-Hexanone	10.831	43	165149	281.109	ug/l	100
60) Dibromochloromethane	10.984	129	77612	54.558	ug/l	98
61) 1,2-Dibromoethane	11.087	107	52719	52.723	ug/l	99
64) Tetrachloroethene	10.721	164	73917	43.972	ug/l	97
65) Chlorobenzene	11.514	112	193469	50.660	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	79947	53.421	ug/l	97
67) Ethyl Benzene	11.593	91	340495	50.785	ug/l	100
68) m/p-Xylenes	11.703	106	273606	102.237	ug/l	100
69) o-Xylene	12.032	106	132621	52.036	ug/l	100
70) Styrene	12.044	104	225641	52.203	ug/l	99
71) Bromoform	12.209	173	53306	56.352	ug/l #	99
73) Isopropylbenzene	12.331	105	361716	49.688	ug/l	99
74) N-amyl acetate	12.142	43	66656	50.582	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	62462	53.065	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	54486m	54.201	ug/l	
77) Bromobenzene	12.611	156	88215	49.997	ug/l	97
78) n-propylbenzene	12.672	91	411020	49.054	ug/l	100
79) 2-Chlorotoluene	12.758	91	233606	49.113	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	312915	49.933	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	22057	49.480	ug/l	97
82) 4-Chlorotoluene	12.855	91	240544	48.209	ug/l	100
83) tert-Butylbenzene	13.075	119	274902	50.024	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	313025	50.765	ug/l	99
85) sec-Butylbenzene	13.251	105	393657	50.073	ug/l	100
86) p-Isopropyltoluene	13.367	119	349159	51.195	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	174617	49.739	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	174947	49.749	ug/l	99
89) n-Butylbenzene	13.697	91	294299	50.489	ug/l	99
90) Hexachloroethane	13.965	117	61110	48.816	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	157263	49.796	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	13181	56.271	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	103898	53.095	ug/l	99
94) Hexachlorobutadiene	15.111	225	61547	50.629	ug/l	99
95) Naphthalene	15.239	128	215081	57.255	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	92003	54.316	ug/l	100

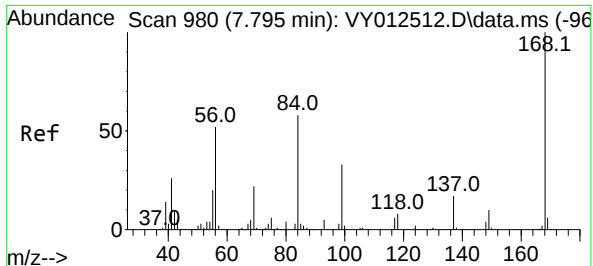
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QLast Update : Wed Feb 08 01:09:03 2023
Response via : Initial Calibration

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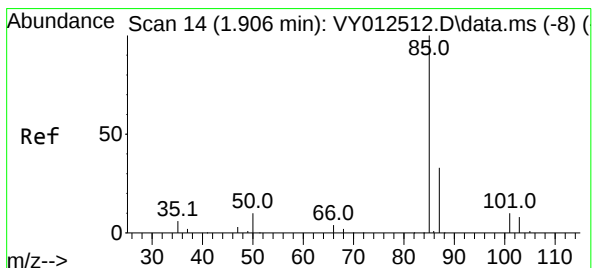
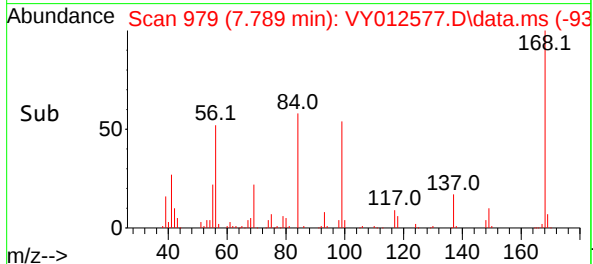
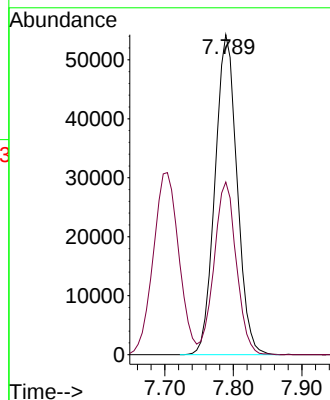
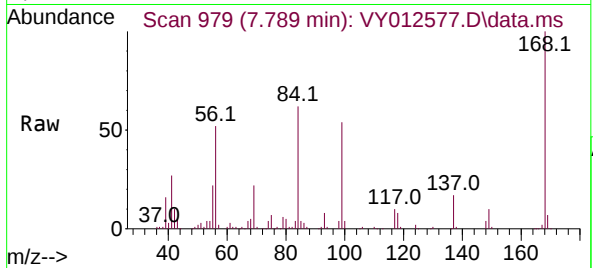
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012577.D
Acq: 14 Feb 2023 09:52

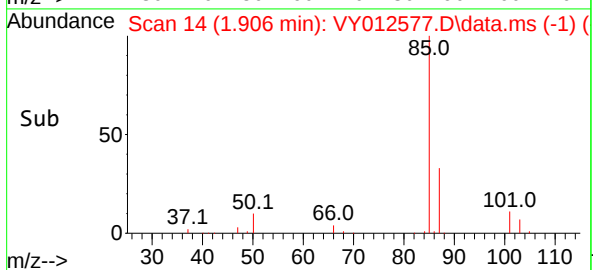
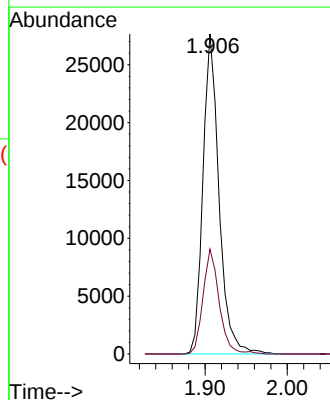
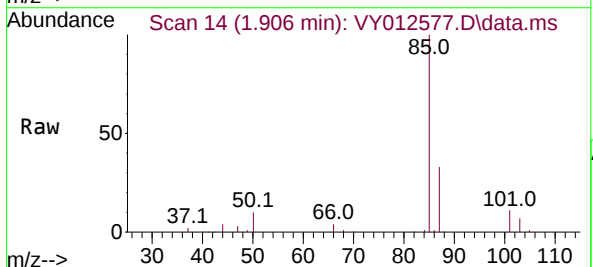
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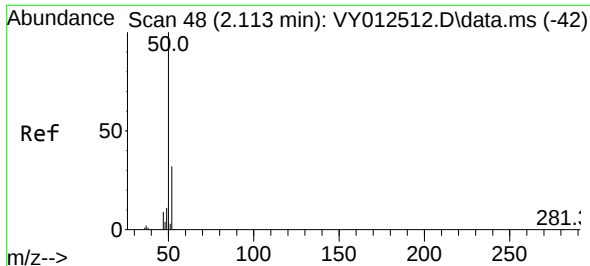
Tgt Ion:168 Resp: 121054
Ion Ratio Lower Upper
168 100
99 53.9 40.8 61.2



#2
Dichlorodifluoromethane
Concen: 43.481 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012577.D
Acq: 14 Feb 2023 09:52

Tgt Ion: 85 Resp: 37584
Ion Ratio Lower Upper
85 100
87 32.7 16.6 49.8

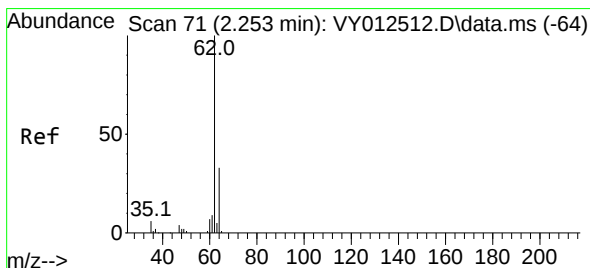
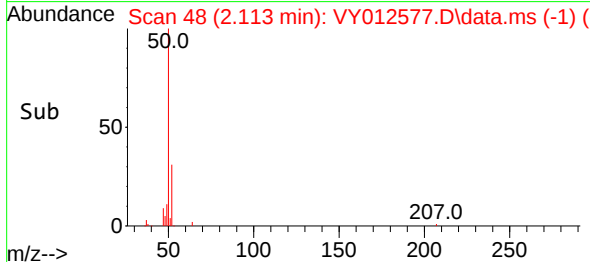
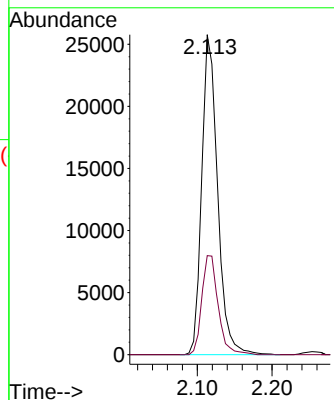
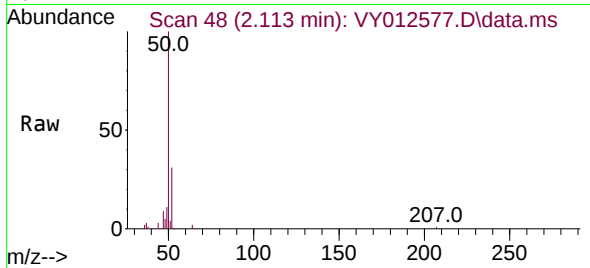




#3
Chloromethane
Concen: 40.226 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY012577.D
Acq: 14 Feb 2023 09:52

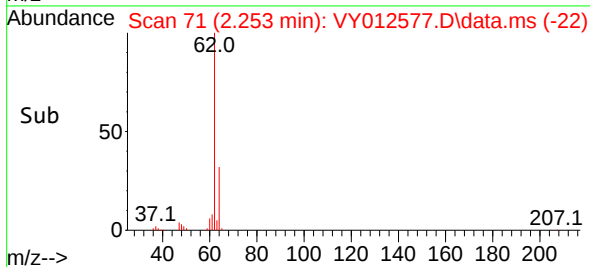
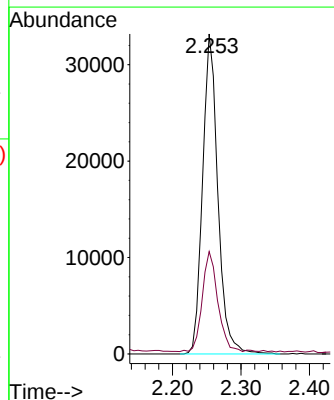
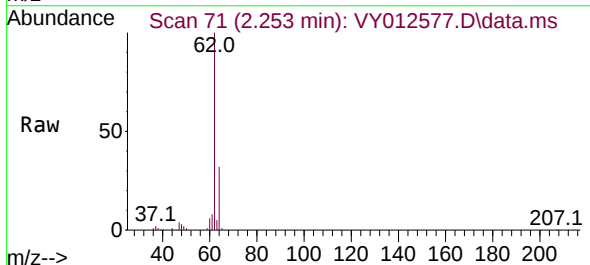
Instrument :
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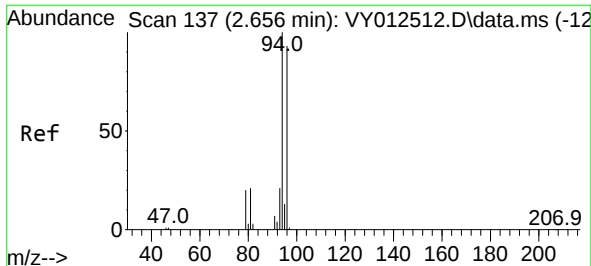
Tgt Ion: 50 Resp: 37941
Ion Ratio Lower Upper
50 100
52 30.9 25.8 38.6



#4
Vinyl Chloride
Concen: 43.875 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012577.D
Acq: 14 Feb 2023 09:52

Tgt Ion: 62 Resp: 51556
Ion Ratio Lower Upper
62 100
64 31.3 26.1 39.1

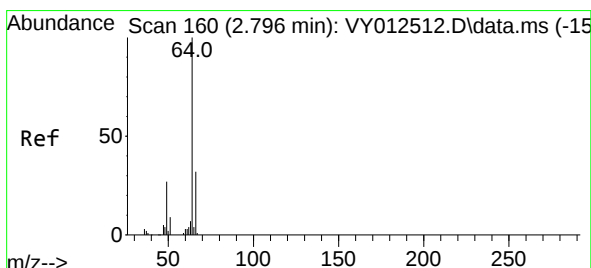
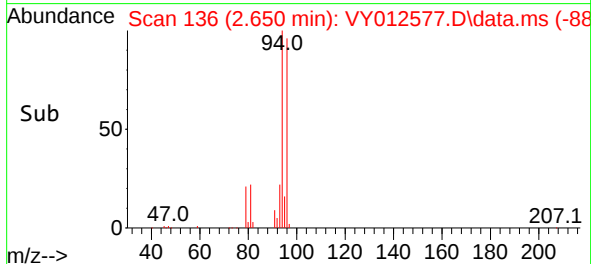
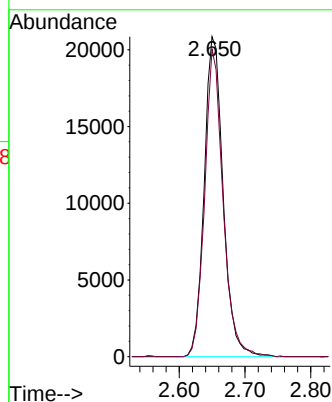
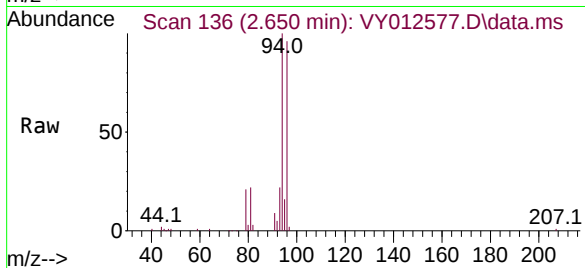




#5
Bromomethane
Concen: 48.598 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY012577.D
Acq: 14 Feb 2023 09:52

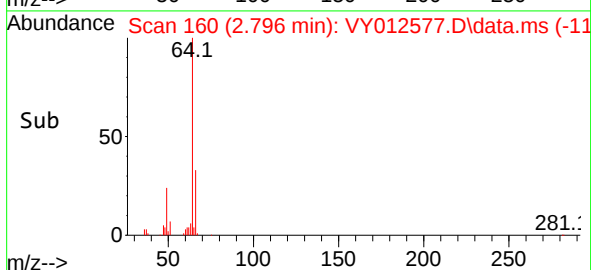
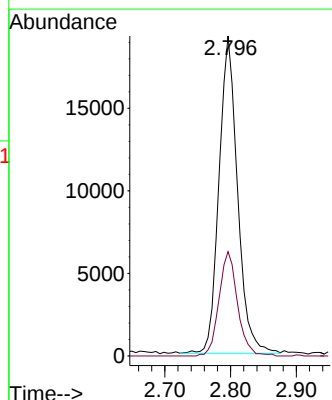
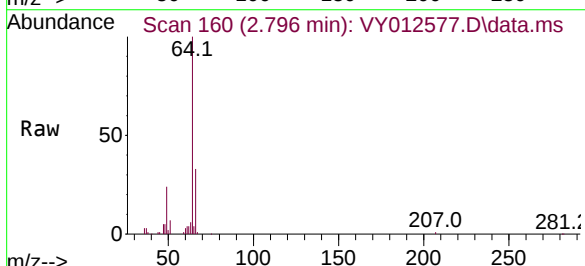
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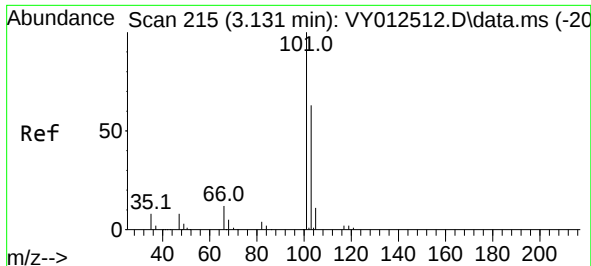
Tgt Ion: 94 Resp: 41757
Ion Ratio Lower Upper
94 100
96 96.1 74.7 112.1



#6
Chloroethane
Concen: 46.126 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY012577.D
Acq: 14 Feb 2023 09:52

Tgt Ion: 64 Resp: 37727
Ion Ratio Lower Upper
64 100
66 32.9 25.7 38.5

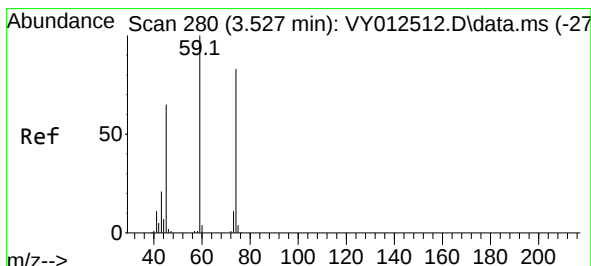
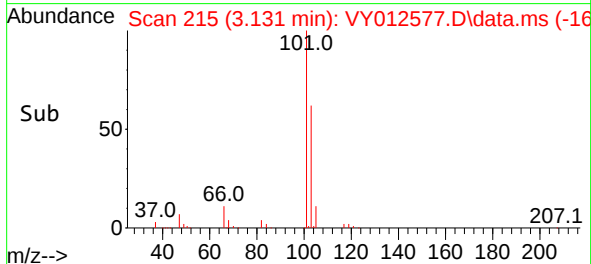
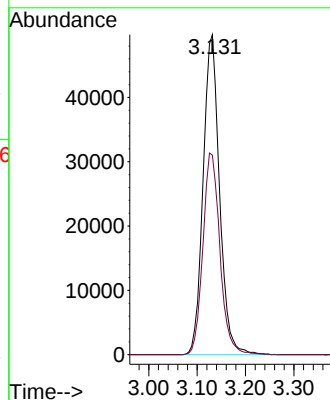
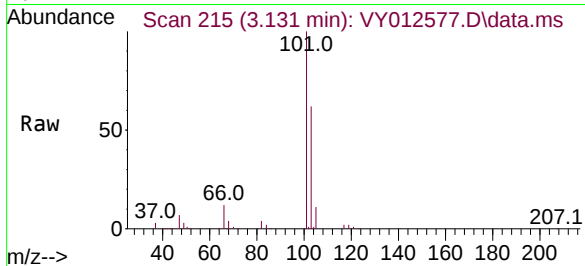




#7
 Trichlorofluoromethane
 Concen: 48.654 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. 0.000 min
 Lab File: VY012577.D
 Acq: 14 Feb 2023 09:52

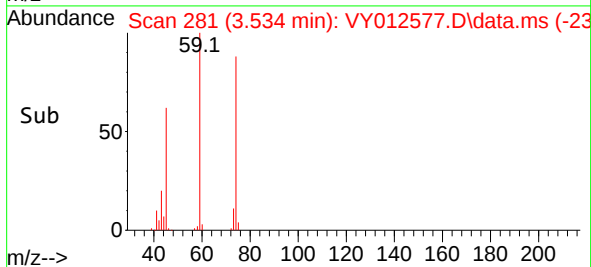
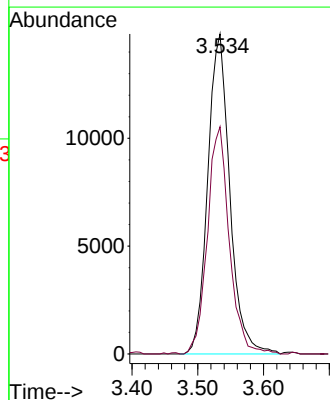
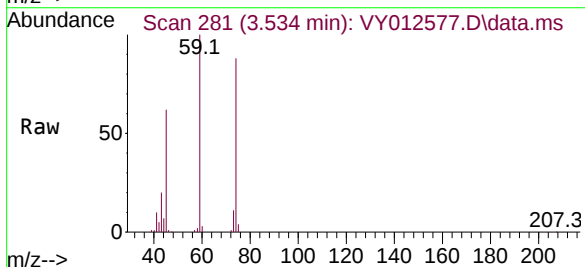
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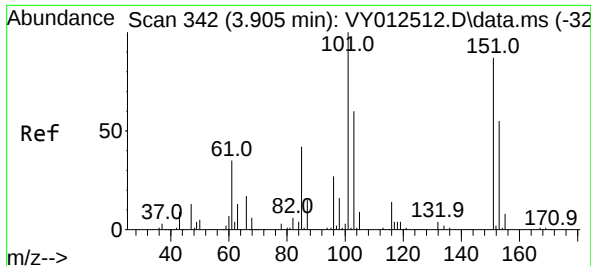
Tgt Ion:101 Resp: 117513
 Ion Ratio Lower Upper
 101 100
 103 62.4 50.1 75.1



#8
 Diethyl Ether
 Concen: 48.359 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.007 min
 Lab File: VY012577.D
 Acq: 14 Feb 2023 09:52

Tgt Ion: 74 Resp: 34634
 Ion Ratio Lower Upper
 74 100
 45 70.5 37.8 113.4

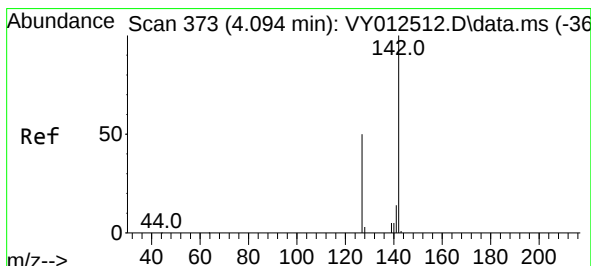
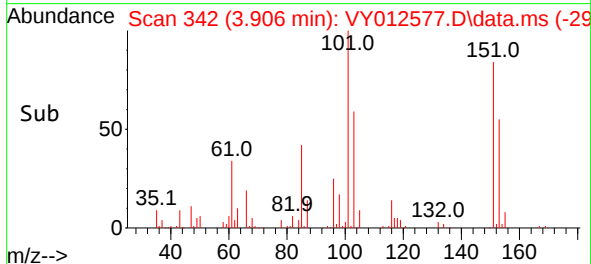
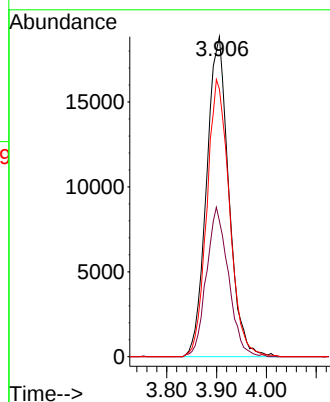
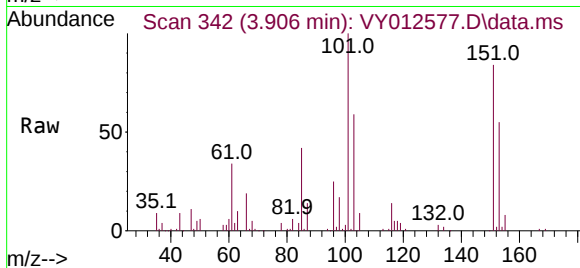




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.992 ug/l
RT: 3.906 min Scan# 34
Delta R.T. 0.001 min
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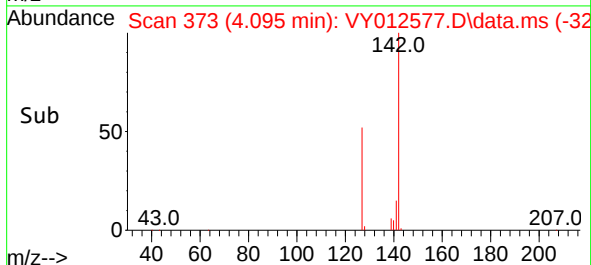
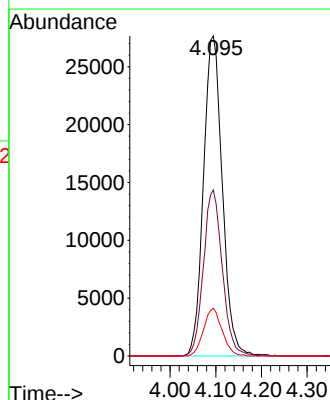
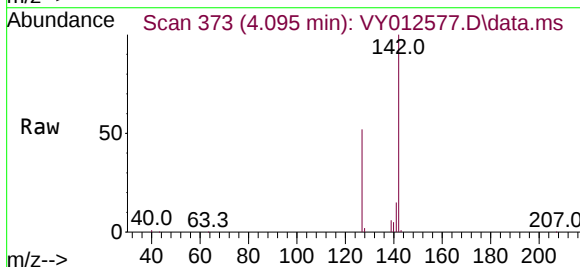
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ClientSampleId :
VSTDCCC050

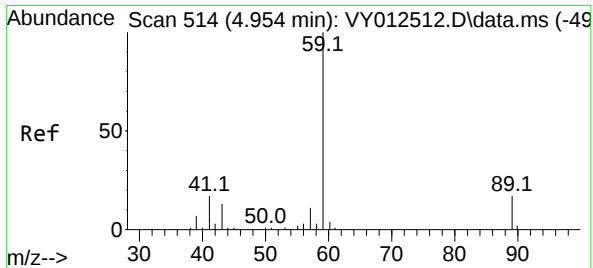
Tgt Ion:101 Resp: 58534
Ion Ratio Lower Upper
101 100
85 46.1 36.1 54.1
151 87.9 70.7 106.1



#10
Methyl Iodide
Concen: 50.127 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.001 min
Lab File: VY012577.D
Acq: 14 Feb 2023 09:52

Tgt Ion:142 Resp: 79258
Ion Ratio Lower Upper
142 100
127 51.9 39.8 59.6
141 14.6 11.6 17.4

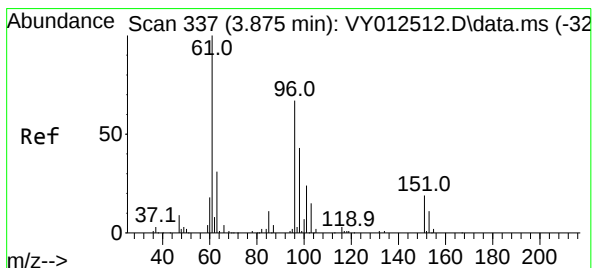
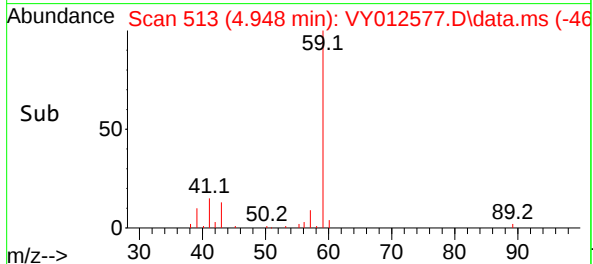
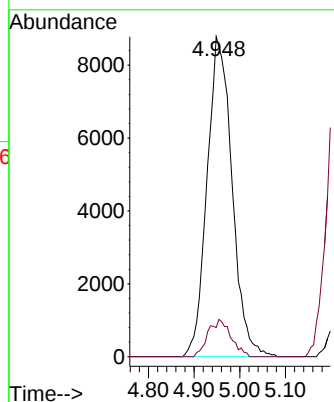
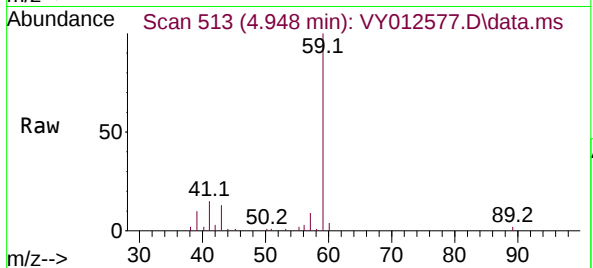




#11
Tert butyl alcohol
Concen: 223.333 ug/l
RT: 4.948 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY012577.D
Acq: 14 Feb 2023 09:52

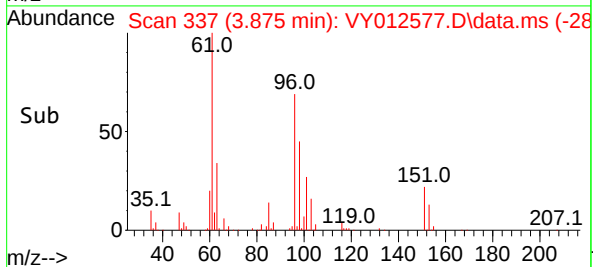
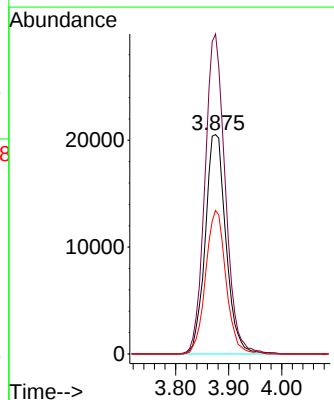
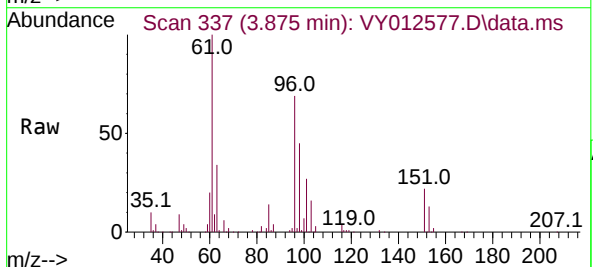
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

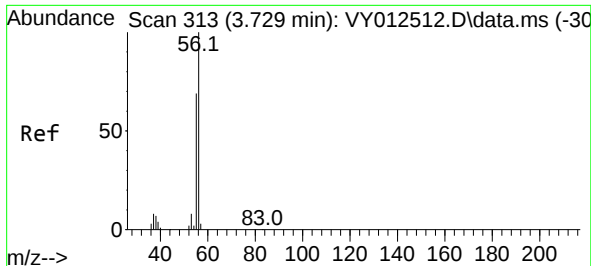
Tgt Ion: 59 Resp: 33337
Ion Ratio Lower Upper
59 100
57 10.7 7.2 10.8



#12
1,1-Dichloroethene
Concen: 46.376 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY012577.D
Acq: 14 Feb 2023 09:52

Tgt Ion: 96 Resp: 55888
Ion Ratio Lower Upper
96 100
61 145.9 119.4 179.2
98 65.4 51.9 77.9





#13

Acrolein

Concen: 256.646 ug/l

RT: 3.729 min Scan# 313

Delta R.T. 0.000 min

Lab File: VY012577.D

Acq: 14 Feb 2023 09:52

Instrument :

MSVOA_Y

ClientSampleId :

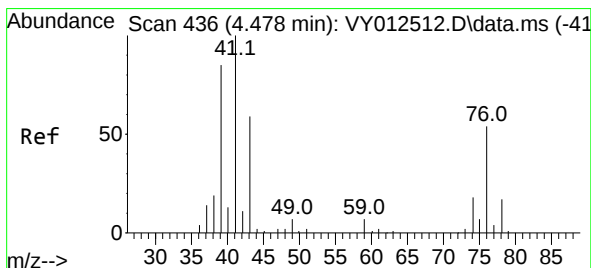
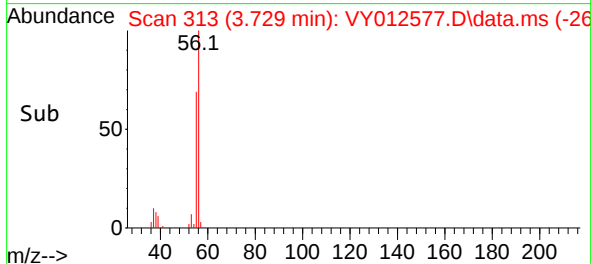
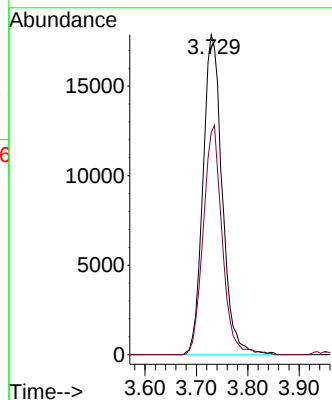
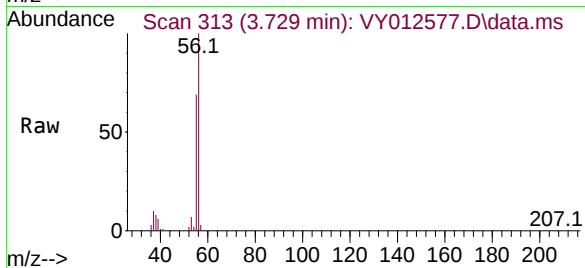
VSTDCCC050

Tgt Ion: 56 Resp: 46444

Ion Ratio Lower Upper

56 100

55 70.5 57.0 85.4



#14

Allyl chloride

Concen: 44.534 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY012577.D

Acq: 14 Feb 2023 09:52

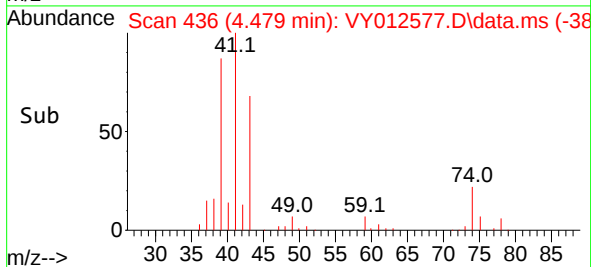
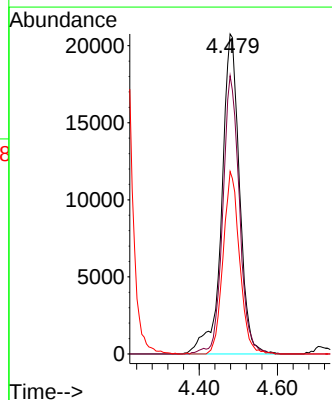
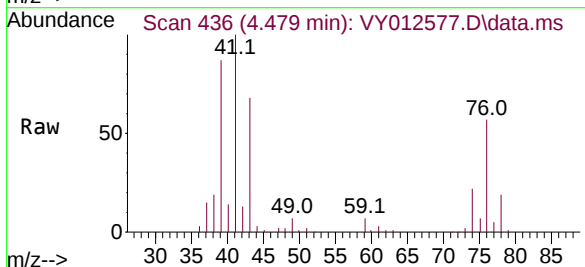
Tgt Ion: 41 Resp: 65436

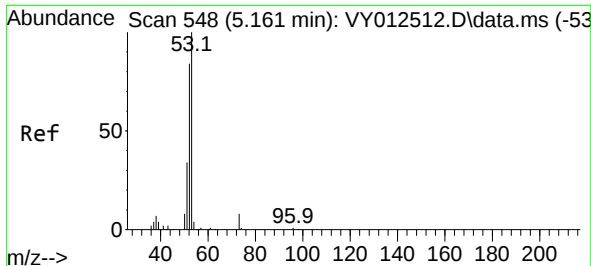
Ion Ratio Lower Upper

41 100

39 81.5 62.6 94.0

76 52.7 39.6 59.4

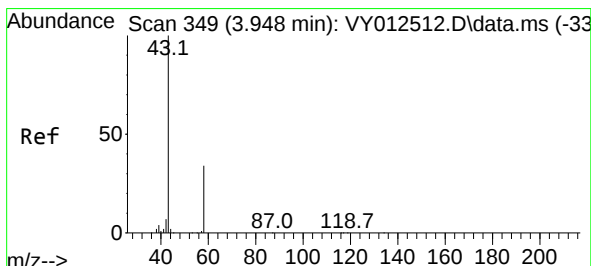
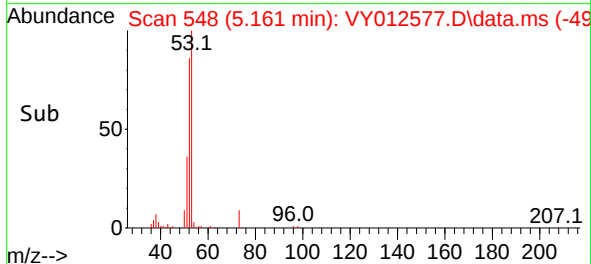
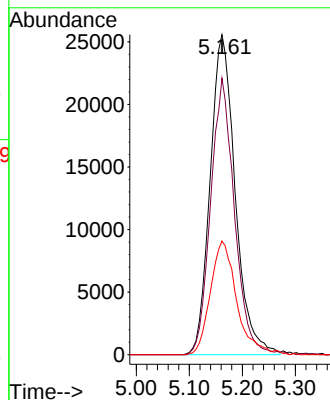
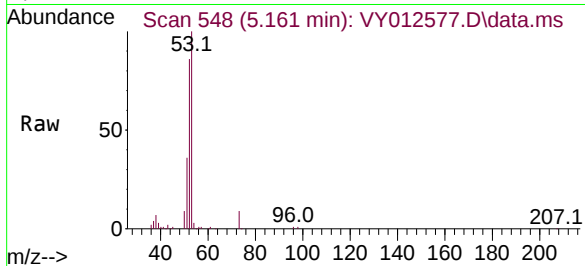




#15
Acrylonitrile
Concen: 253.714 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY012577.D
Acq: 14 Feb 2023 09:52

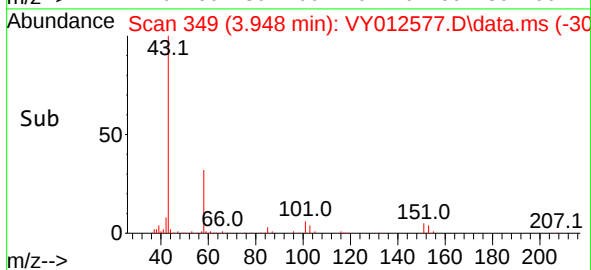
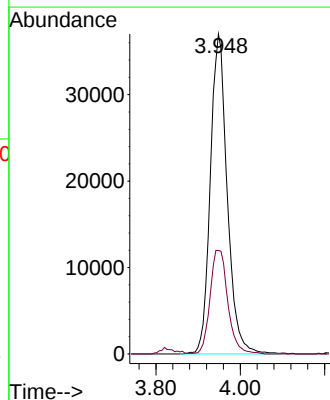
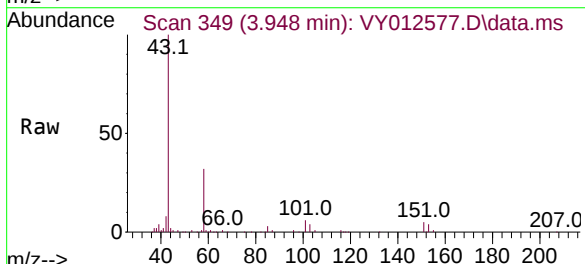
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

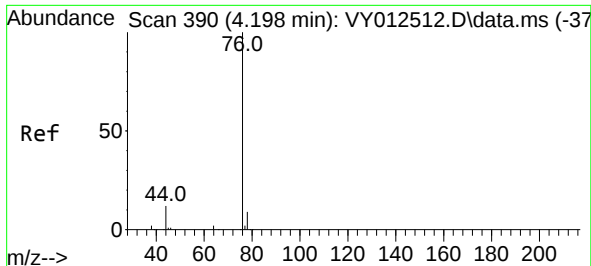
Tgt Ion: 53 Resp: 83831
Ion Ratio Lower Upper
53 100
52 82.2 65.0 97.4
51 37.4 28.7 43.1



#16
Acetone
Concen: 278.107 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY012577.D
Acq: 14 Feb 2023 09:52

Tgt Ion: 43 Resp: 103038
Ion Ratio Lower Upper
43 100
58 32.4 27.1 40.7

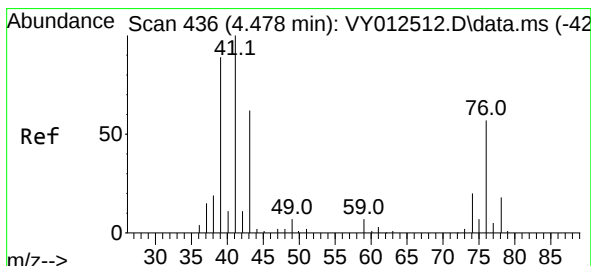
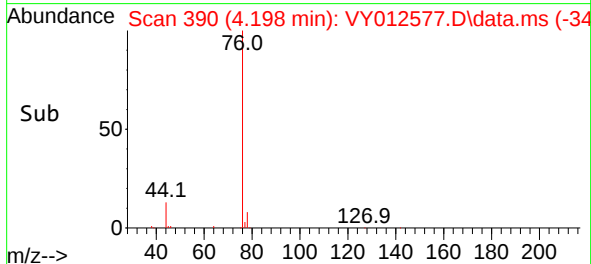
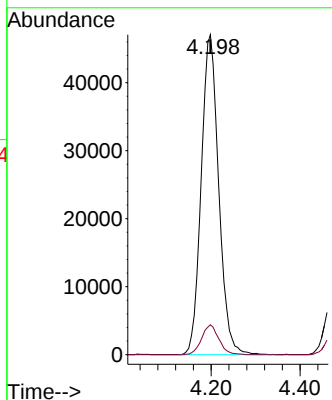
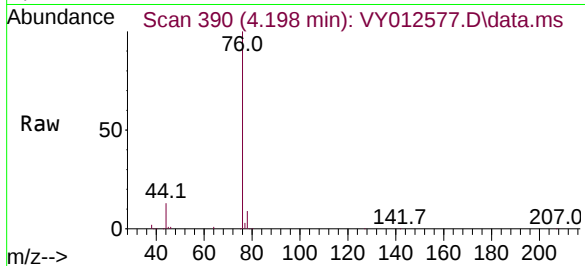




#17
Carbon Disulfide
Concen: 41.285 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY012577.D
Acq: 14 Feb 2023 09:52

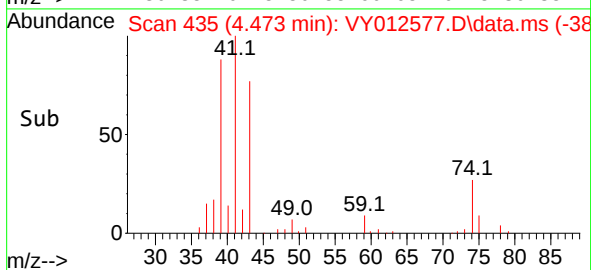
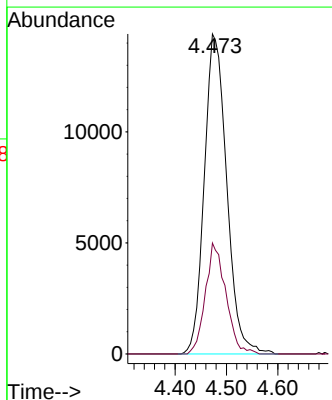
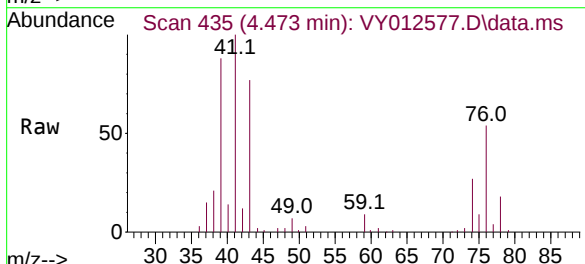
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

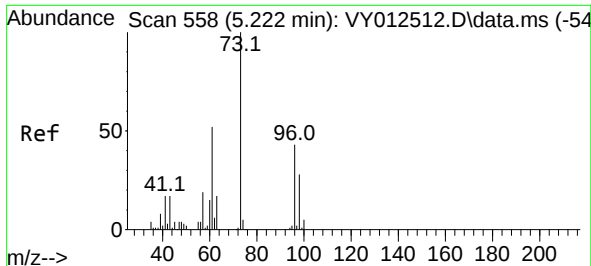
Tgt Ion: 76 Resp: 129049
Ion Ratio Lower Upper
76 100
78 9.3 6.9 10.3



#18
Methyl Acetate
Concen: 49.015 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY012577.D
Acq: 14 Feb 2023 09:52

Tgt Ion: 43 Resp: 43649
Ion Ratio Lower Upper
43 100
74 31.6 25.6 38.4

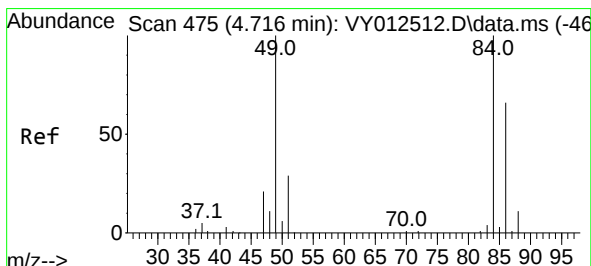
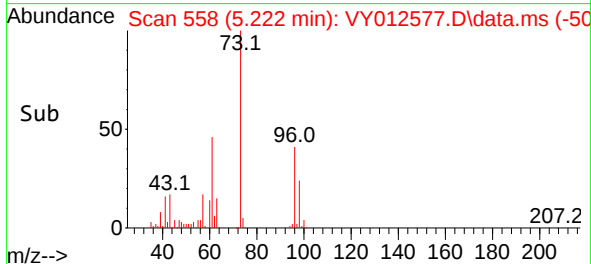
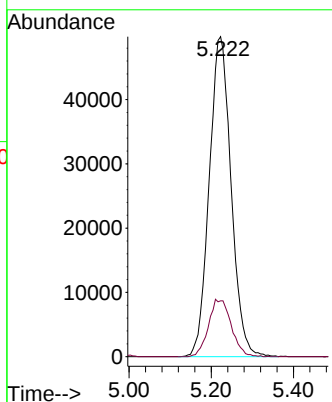
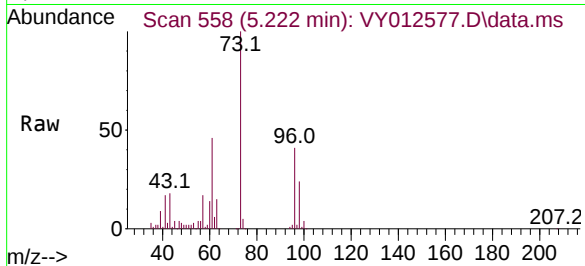




#19
Methyl tert-butyl Ether
Concen: 52.147 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY012577.D
Acq: 14 Feb 2023 09:52

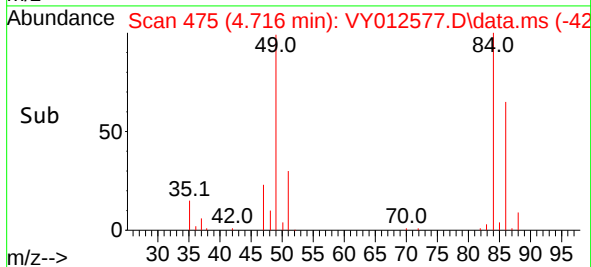
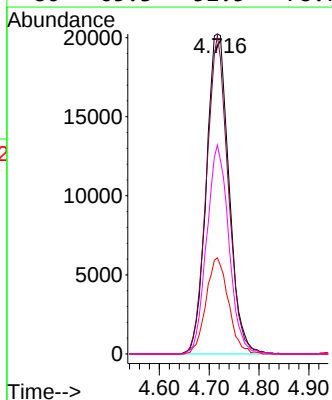
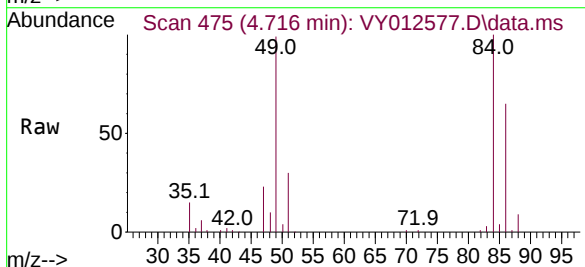
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

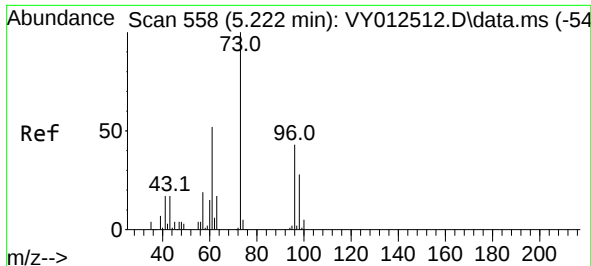
Tgt Ion: 73 Resp: 183892
Ion Ratio Lower Upper
73 100
57 17.5 15.3 22.9



#20
Methylene Chloride
Concen: 45.736 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012577.D
Acq: 14 Feb 2023 09:52

Tgt Ion: 84 Resp: 63801
Ion Ratio Lower Upper
84 100
49 99.4 79.8 119.6
51 30.1 23.4 35.2
86 65.3 52.5 78.7

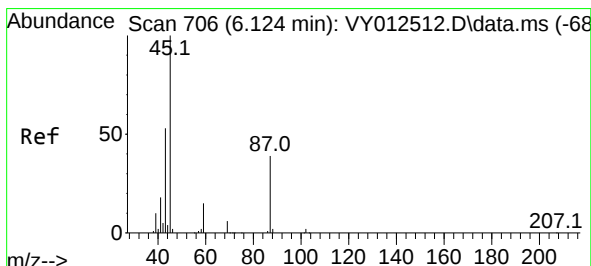
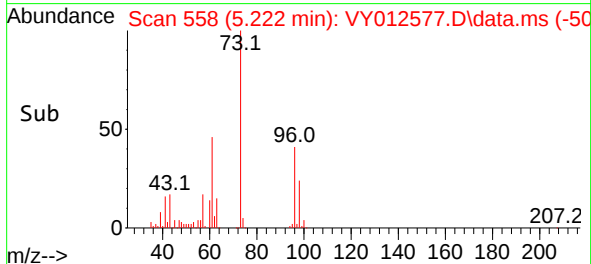
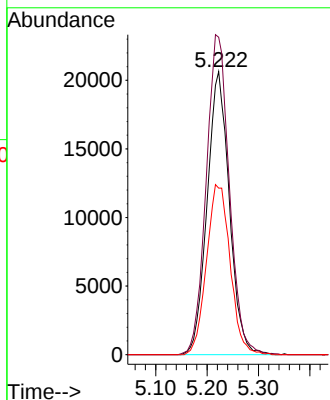
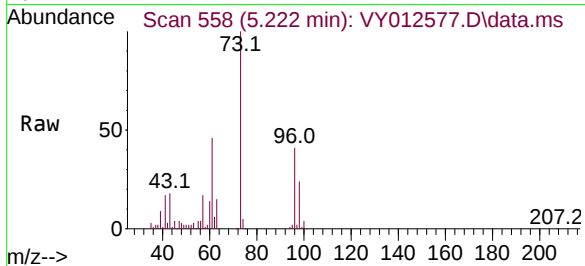




#21
trans-1,2-Dichloroethene
Concen: 47.185 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY012577.D
Acq: 14 Feb 2023 09:52

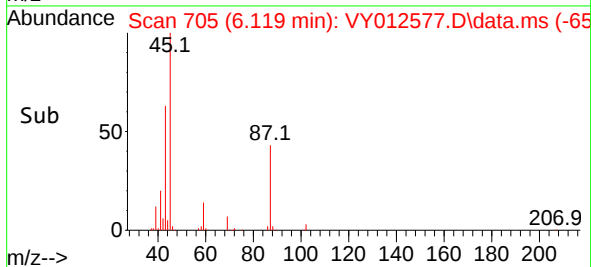
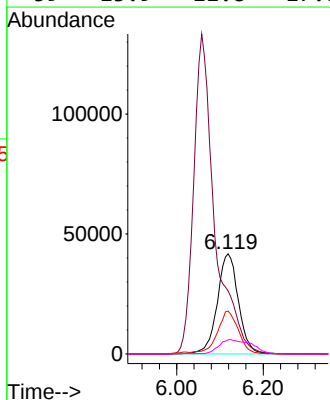
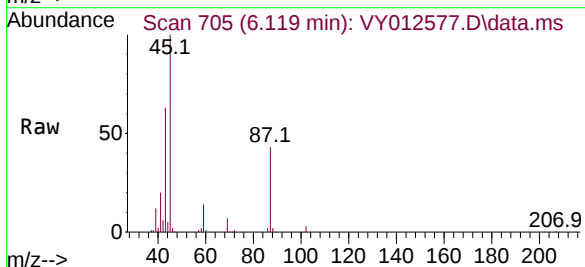
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

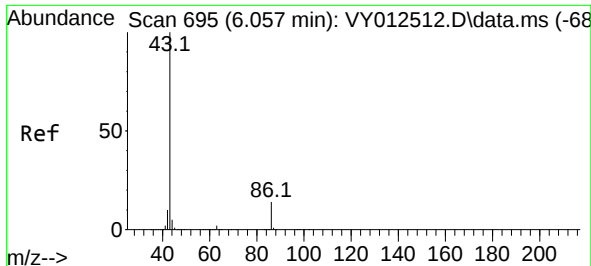
Tgt Ion: 96 Resp: 62015
Ion Ratio Lower Upper
96 100
61 112.1 96.2 144.4
98 58.9 51.6 77.4



#22
Diisopropyl ether
Concen: 47.308 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY012577.D
Acq: 14 Feb 2023 09:52

Tgt Ion: 45 Resp: 141344
Ion Ratio Lower Upper
45 100
43 62.6 45.9 68.9
87 42.8 32.2 48.4
59 13.9 11.8 17.8

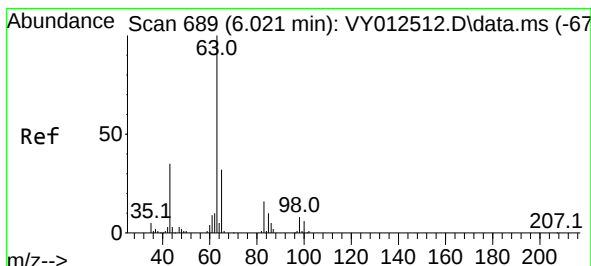
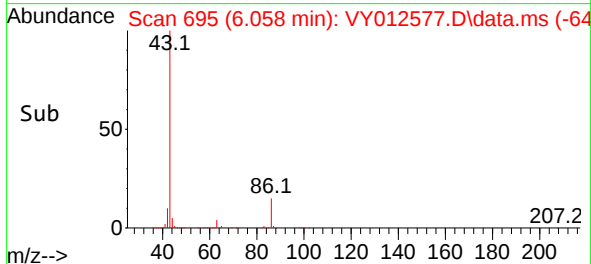
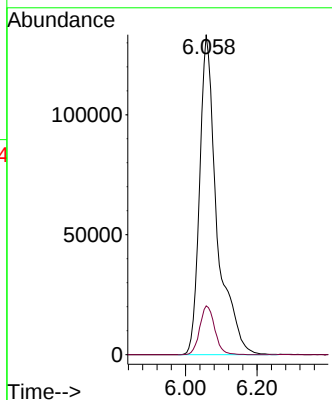
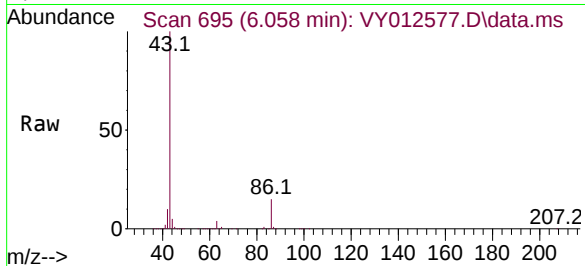




#23
 Vinyl Acetate
 Concen: 249.633 ug/l
 RT: 6.058 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VY012577.D
 Acq: 14 Feb 2023 09:52

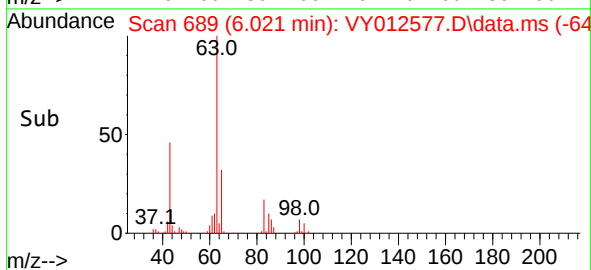
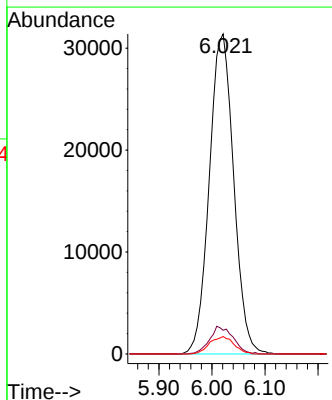
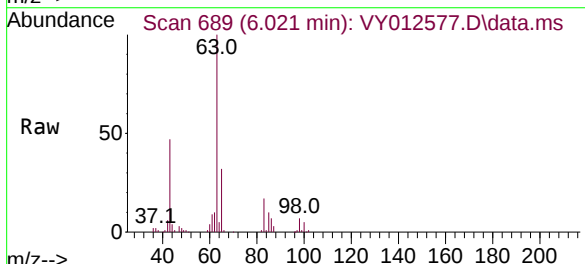
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

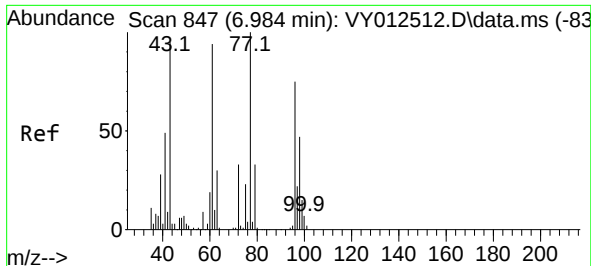
Tgt Ion: 43 Resp: 449625
 Ion Ratio Lower Upper
 43 100
 86 15.2 11.5 17.3



#24
 1,1-Dichloroethane
 Concen: 46.919 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY012577.D
 Acq: 14 Feb 2023 09:52

Tgt Ion: 63 Resp: 100211
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.1 12.3
 100 5.4 2.9 8.8

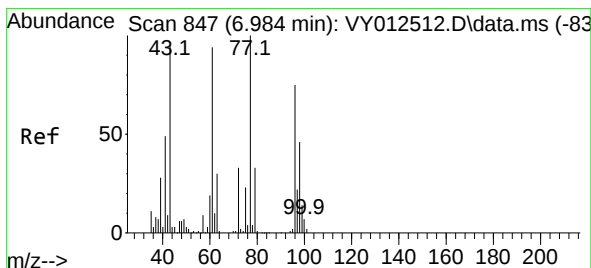
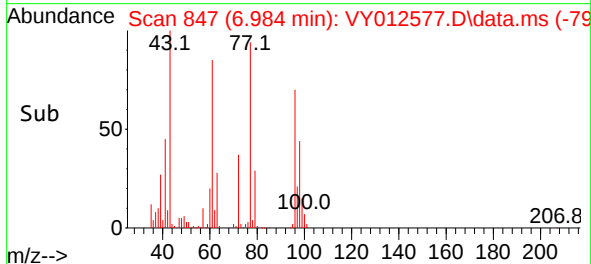
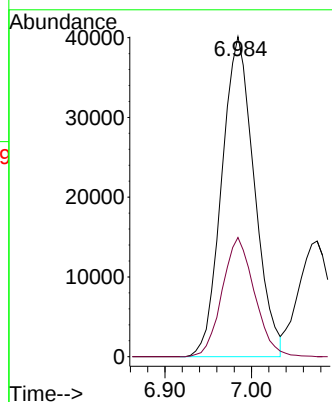
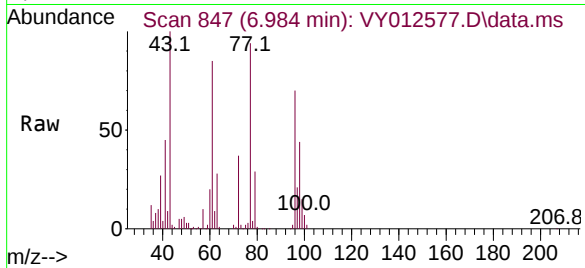




#25
2-Butanone
Concen: 254.844 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY012577.D
Acq: 14 Feb 2023 09:52

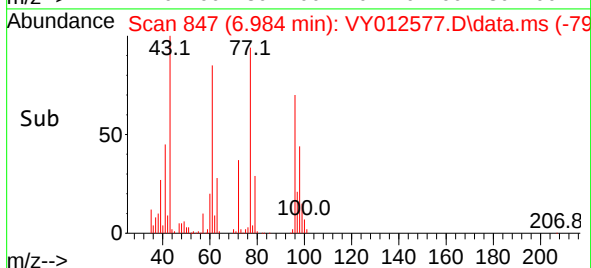
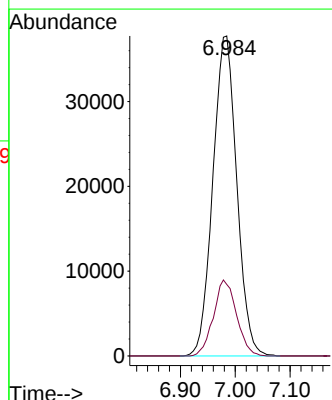
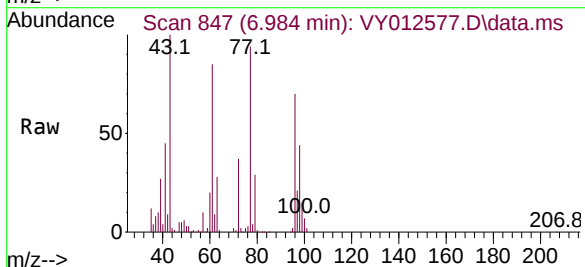
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

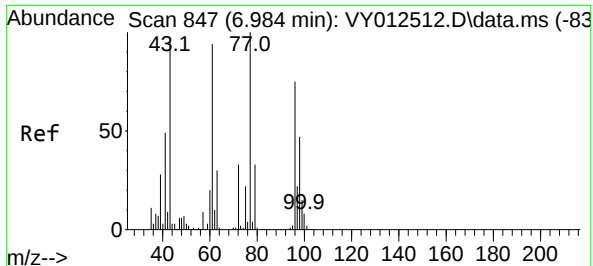
Tgt Ion: 43 Resp: 104759
Ion Ratio Lower Upper
43 100
72 37.2 27.4 41.2



#26
2,2-Dichloropropane
Concen: 48.655 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY012577.D
Acq: 14 Feb 2023 09:52

Tgt Ion: 77 Resp: 114178
Ion Ratio Lower Upper
77 100
97 22.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 48.478 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012577.D

Acq: 14 Feb 2023 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

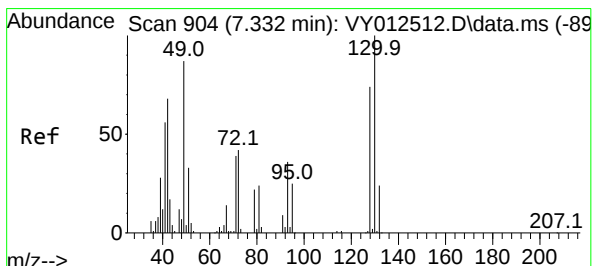
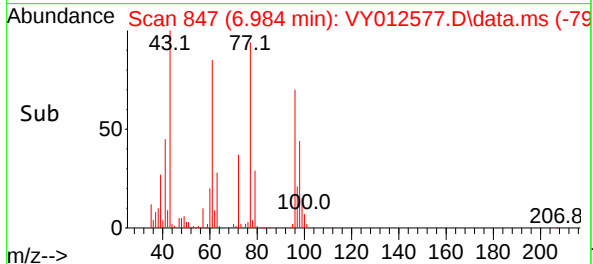
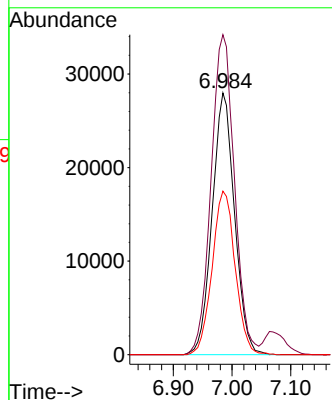
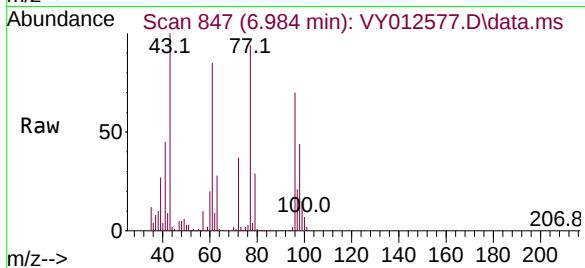
Tgt Ion: 96 Resp: 73940

Ion Ratio Lower Upper

96 100

61 127.8 0.0 259.2

98 64.3 0.0 129.0



#28

Bromochloromethane

Concen: 52.594 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY012577.D

Acq: 14 Feb 2023 09:52

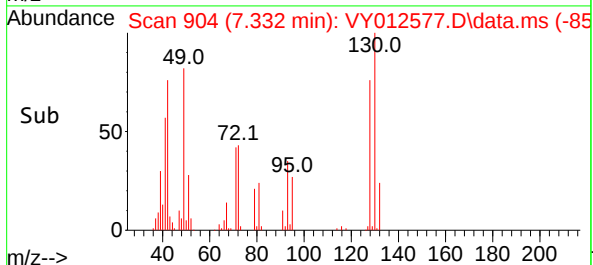
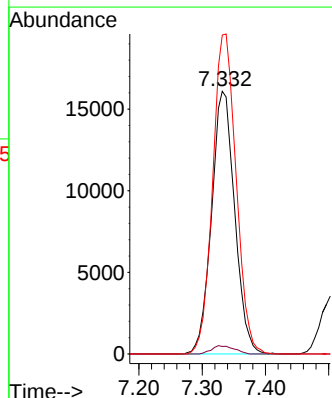
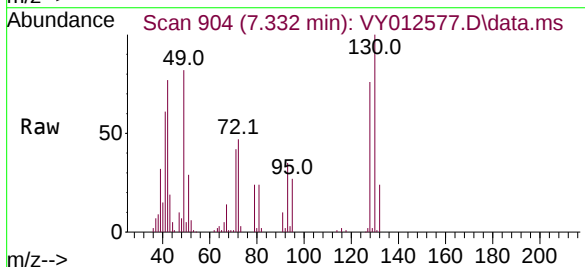
Tgt Ion: 49 Resp: 40833

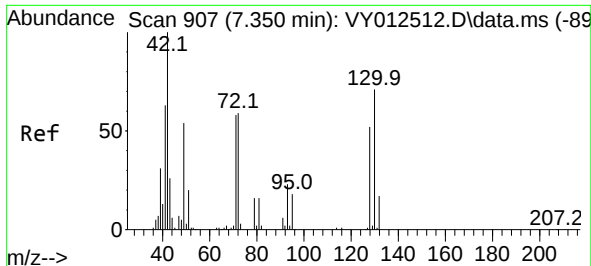
Ion Ratio Lower Upper

49 100

129 3.1 0.0 6.0

130 123.3 93.1 139.7





#29

Tetrahydrofuran

Concen: 256.057 ug/l

RT: 7.344 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY012577.D

Acq: 14 Feb 2023 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

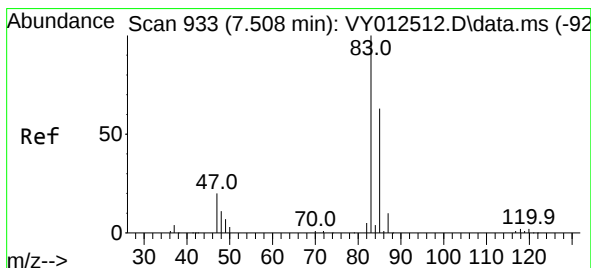
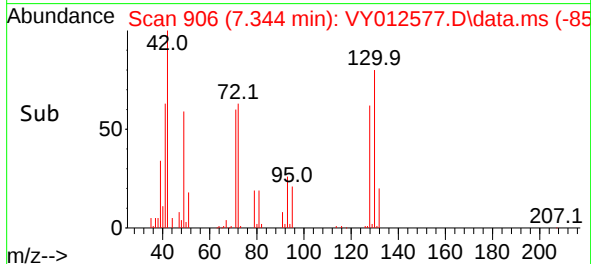
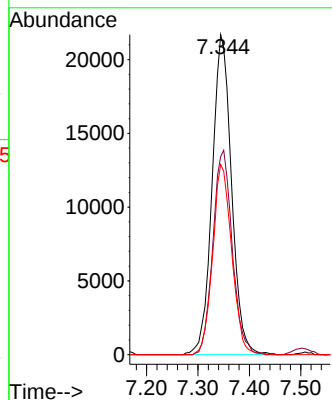
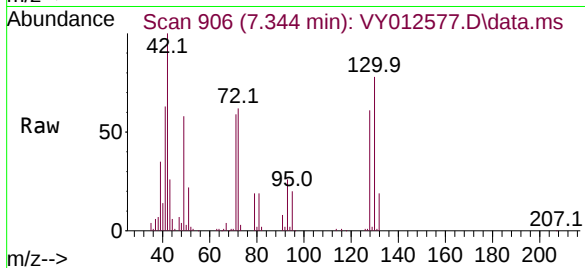
Tgt Ion: 42 Resp: 56904

Ion Ratio Lower Upper

42 100

72 63.8 47.0 70.6

71 58.1 44.6 66.8



#30

Chloroform

Concen: 49.203 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY012577.D

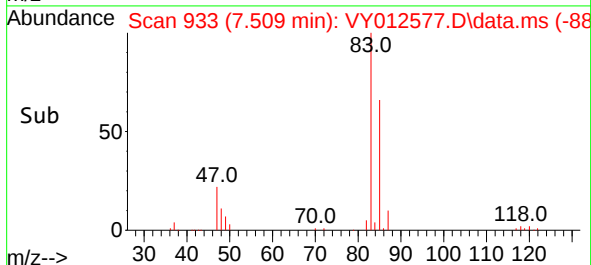
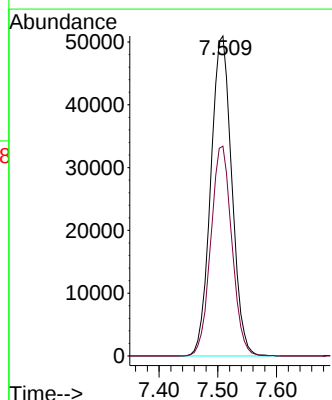
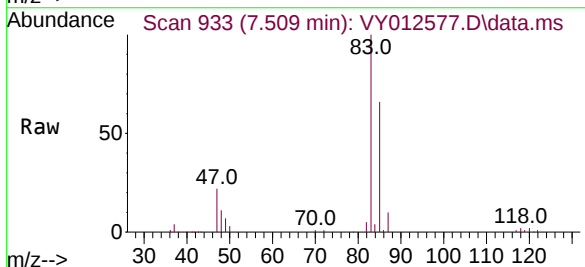
Acq: 14 Feb 2023 09:52

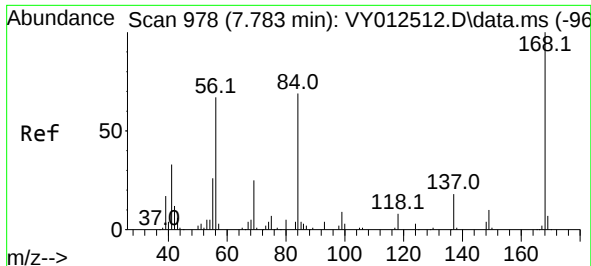
Tgt Ion: 83 Resp: 126704

Ion Ratio Lower Upper

83 100

85 65.6 50.8 76.2

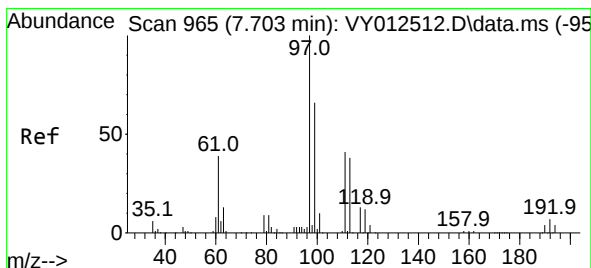
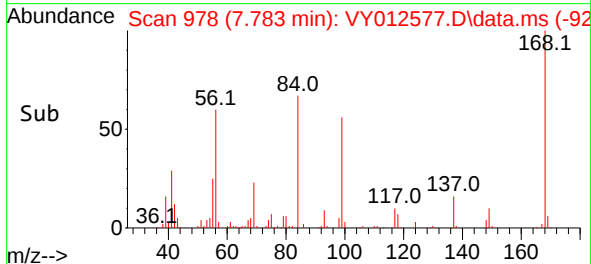
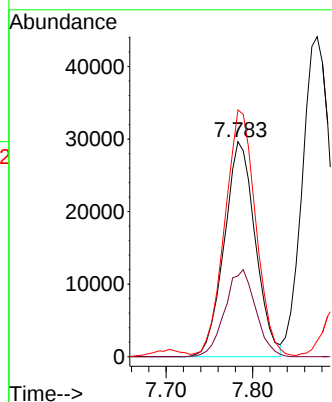
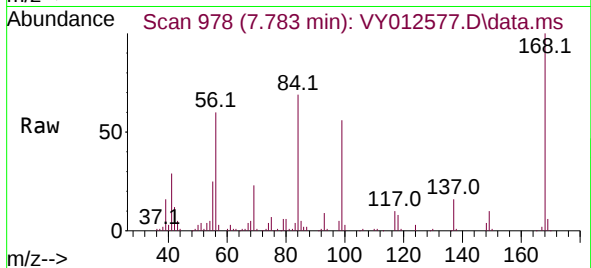




#31
Cyclohexane
Concen: 41.399 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012577.D
Acq: 14 Feb 2023 09:52

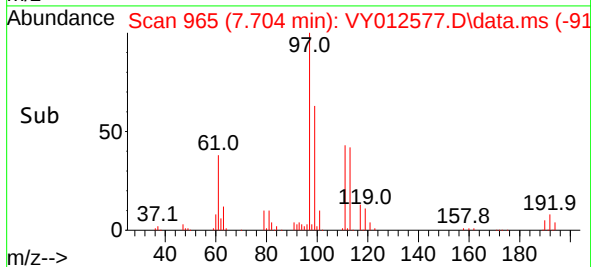
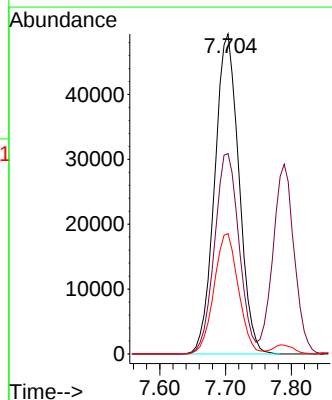
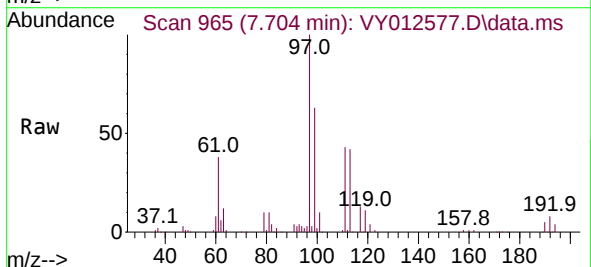
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

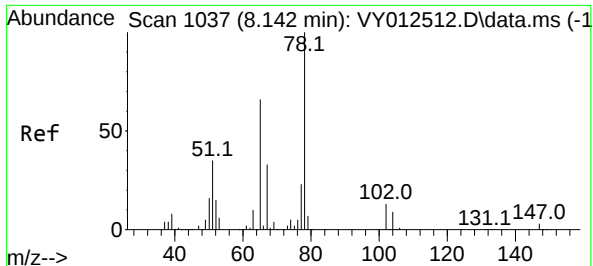
Tgt Ion: 56 Resp: 73681
Ion Ratio Lower Upper
56 100
69 37.6 29.5 44.3
84 112.7 81.9 122.9



#32
1,1,1-Trichloroethane
Concen: 50.674 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY012577.D
Acq: 14 Feb 2023 09:52

Tgt Ion: 97 Resp: 126627
Ion Ratio Lower Upper
97 100
99 63.4 51.1 76.7
61 38.0 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 52.916 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY012577.D

Acq: 14 Feb 2023 09:52

Instrument :

MSVOA_Y

ClientSampleId :

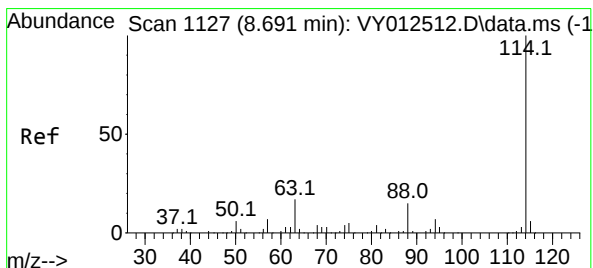
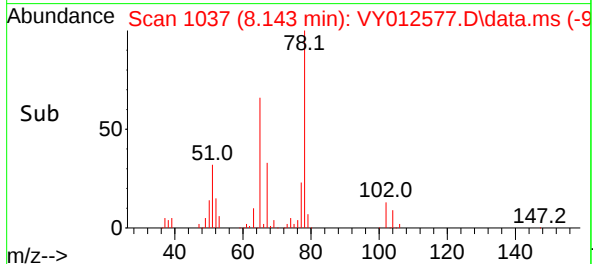
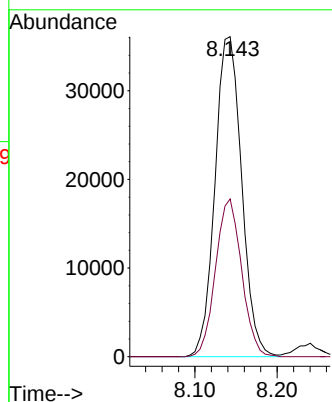
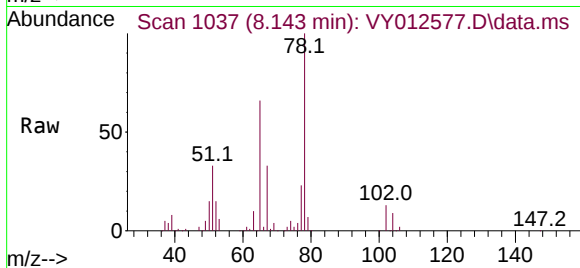
VSTDCCC050

Tgt Ion: 65 Resp: 81456

Ion Ratio Lower Upper

65 100

67 48.2 0.0 98.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012577.D

Acq: 14 Feb 2023 09:52

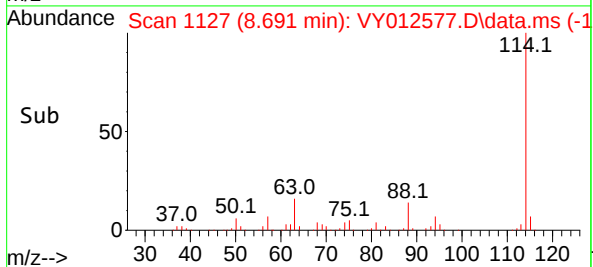
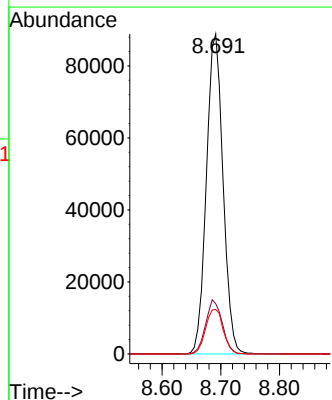
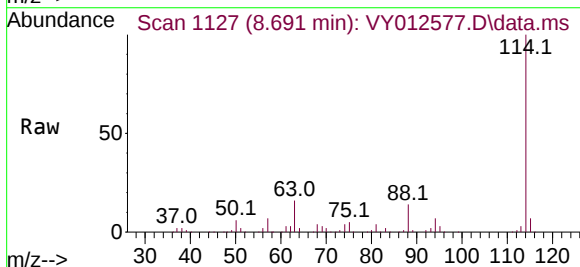
Tgt Ion: 114 Resp: 174737

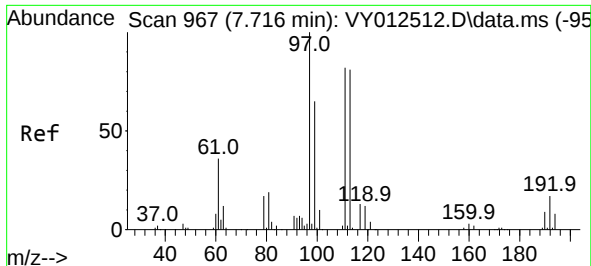
Ion Ratio Lower Upper

114 100

63 15.7 0.0 33.6

88 13.9 0.0 29.8

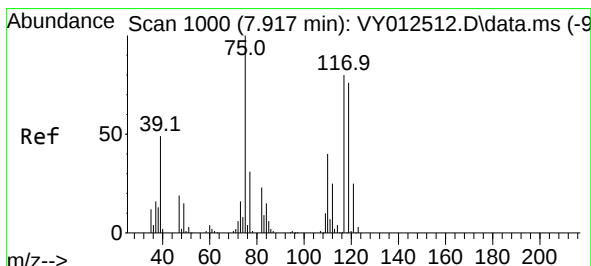
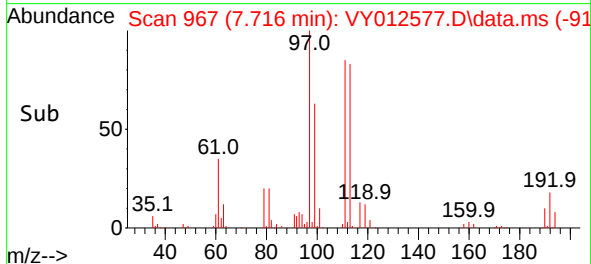
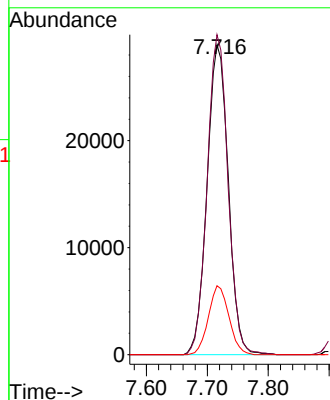
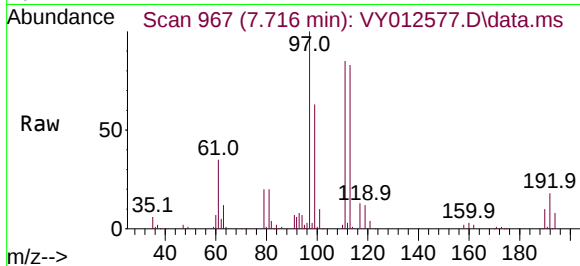




#35
Dibromofluoromethane
Concen: 55.162 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY012577.D
Acq: 14 Feb 2023 09:52

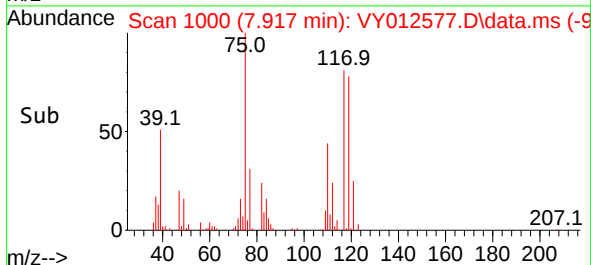
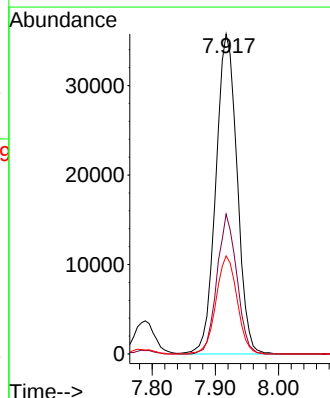
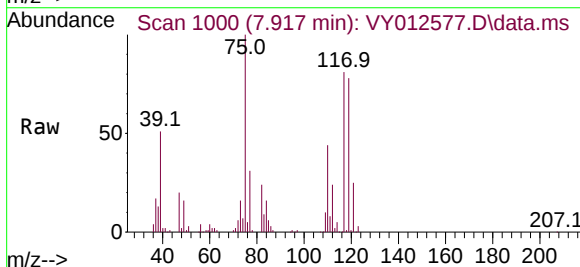
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

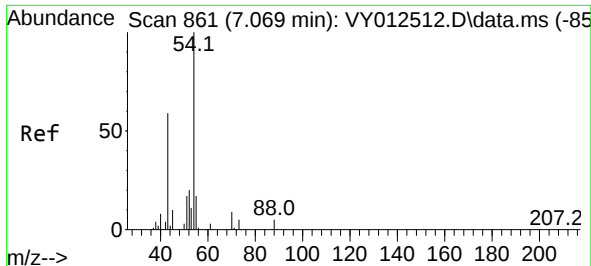
Tgt Ion:113 Resp: 70196
Ion Ratio Lower Upper
113 100
111 101.3 81.9 122.9
192 21.5 17.5 26.3



#36
1,1-Dichloropropene
Concen: 48.313 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY012577.D
Acq: 14 Feb 2023 09:52

Tgt Ion: 75 Resp: 83208
Ion Ratio Lower Upper
75 100
110 40.7 19.5 58.5
77 30.4 24.9 37.3





#37

Ethyl Acetate

Concen: 50.780 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY012577.D

Acq: 14 Feb 2023 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

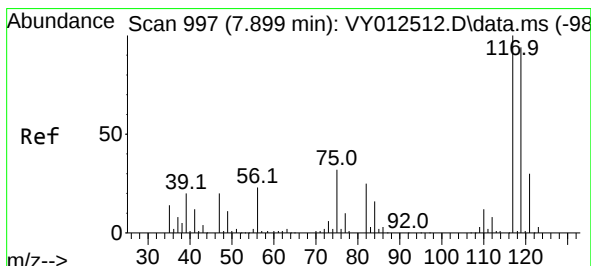
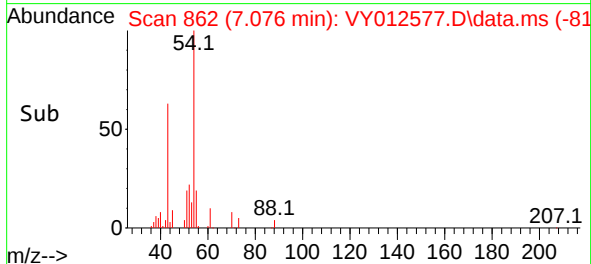
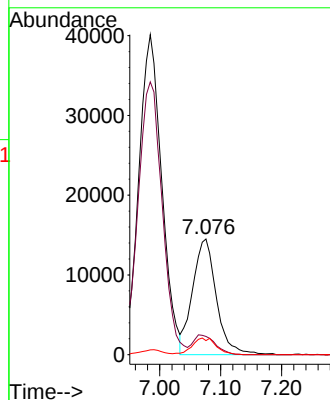
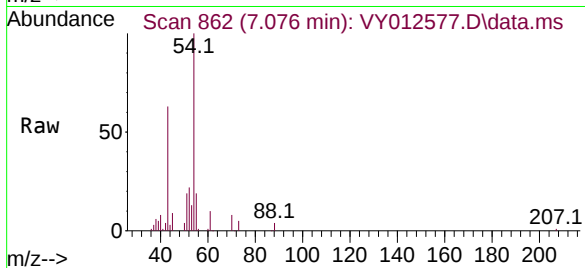
Tgt Ion: 43 Resp: 39463

Ion Ratio Lower Upper

43 100

61 15.7 12.5 18.7

70 14.4 11.0 16.4



#38

Carbon Tetrachloride

Concen: 52.132 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY012577.D

Acq: 14 Feb 2023 09:52

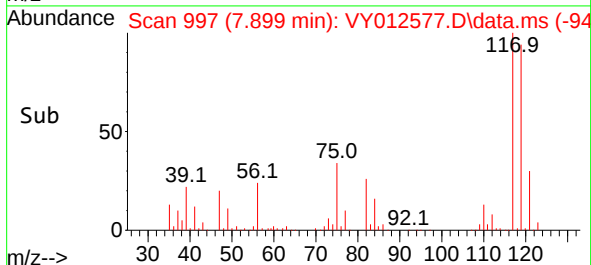
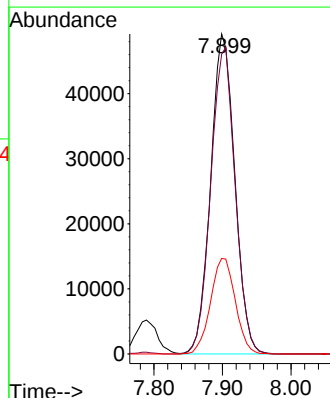
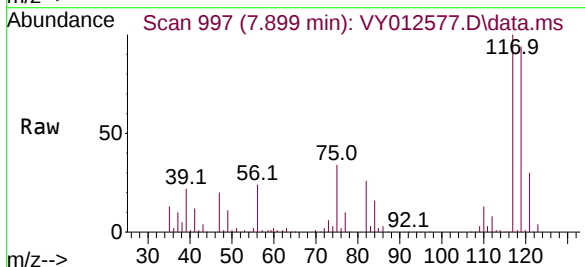
Tgt Ion: 117 Resp: 120523

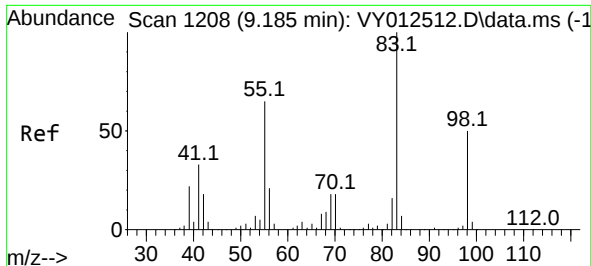
Ion Ratio Lower Upper

117 100

119 93.7 75.1 112.7

121 29.9 24.3 36.5





#39

Methylcyclohexane

Concen: 47.353 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012577.D

Acq: 14 Feb 2023 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

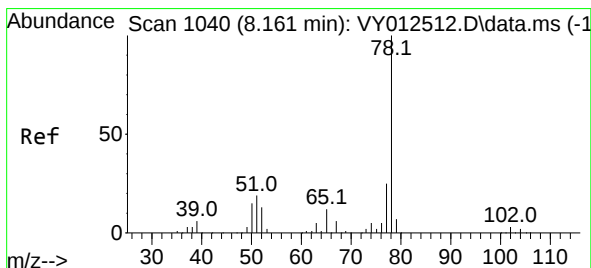
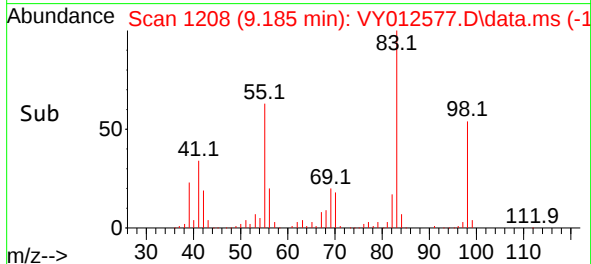
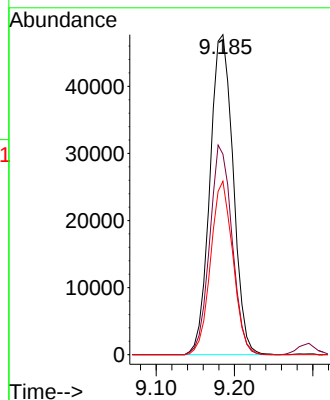
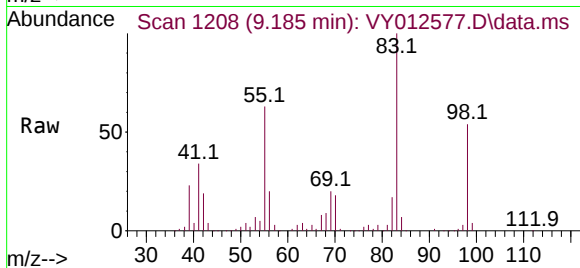
Tgt Ion: 83 Resp: 98135

Ion Ratio Lower Upper

83 100

55 62.6 52.0 78.0

98 54.2 40.4 60.6



#40

Benzene

Concen: 48.512 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY012577.D

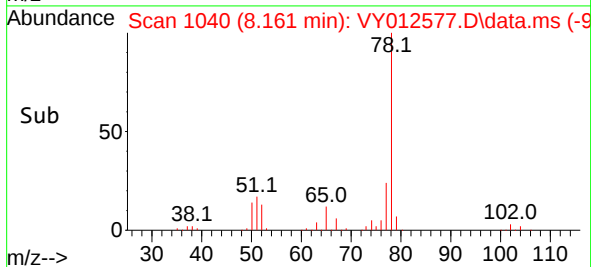
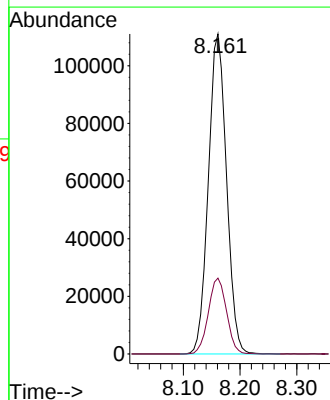
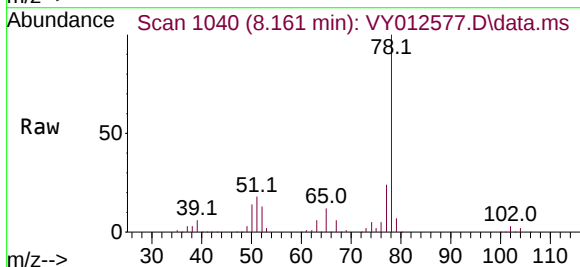
Acq: 14 Feb 2023 09:52

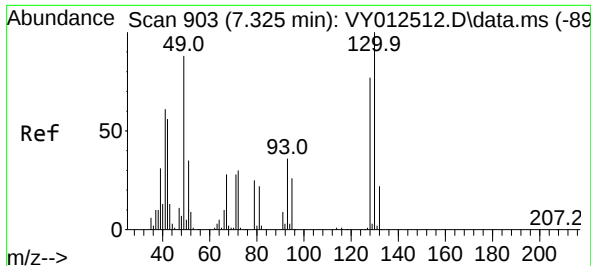
Tgt Ion: 78 Resp: 246775

Ion Ratio Lower Upper

78 100

77 23.7 19.9 29.9

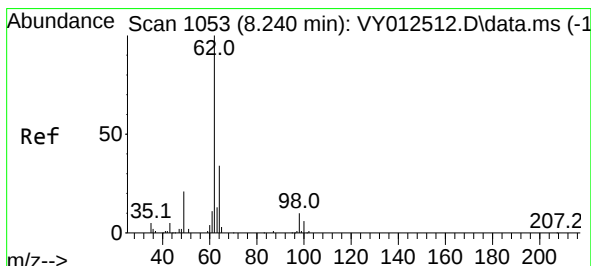
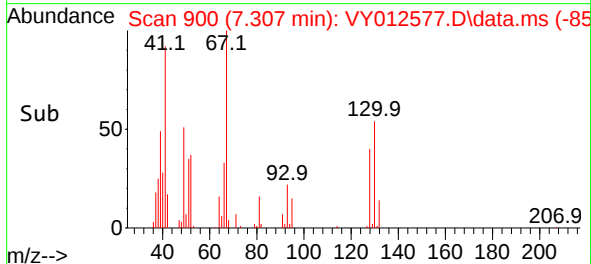
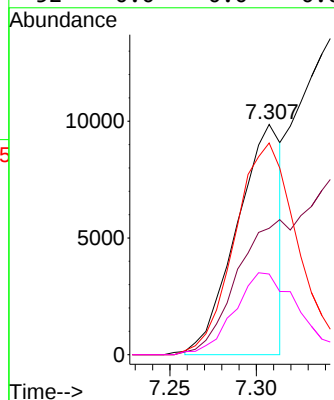
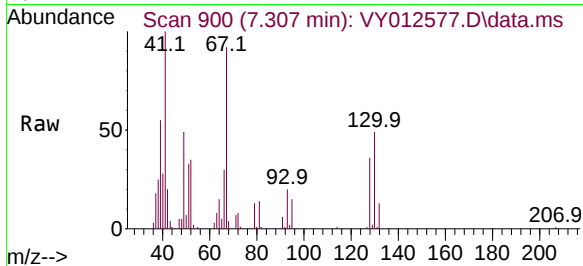




#41
Methacrylonitrile
Concen: 41.784 ug/l m
RT: 7.307 min Scan# 903
Delta R.T. -0.018 min
Lab File: VY012577.D
Acq: 14 Feb 2023 09:52

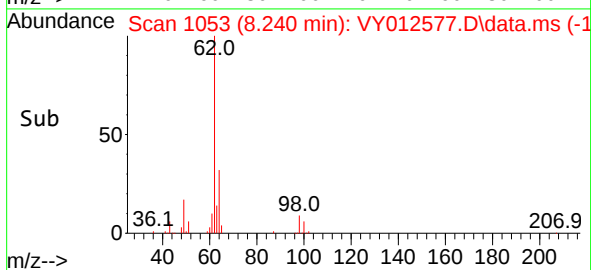
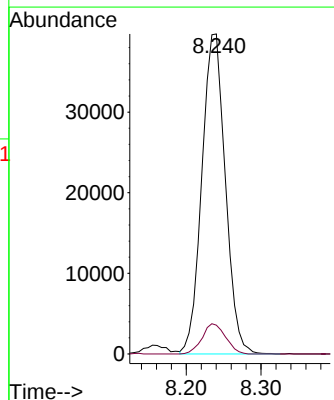
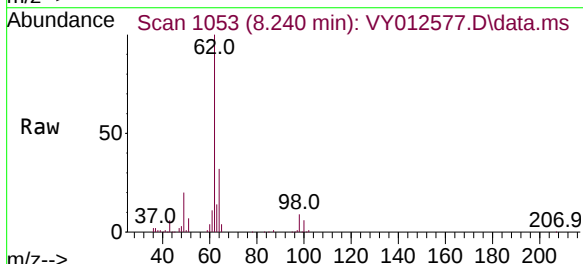
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

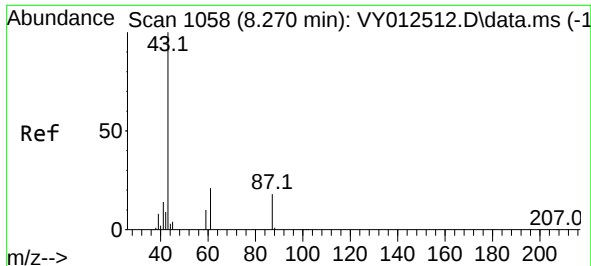
Tgt Ion:	41	Resp:	17790
Ion	Ratio	Lower	Upper
41	100		
39	177.4	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 52.586 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY012577.D
Acq: 14 Feb 2023 09:52

Tgt Ion:	62	Resp:	86701
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.2





#43

Isopropyl Acetate

Concen: 52.469 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VY012577.D

Acq: 14 Feb 2023 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

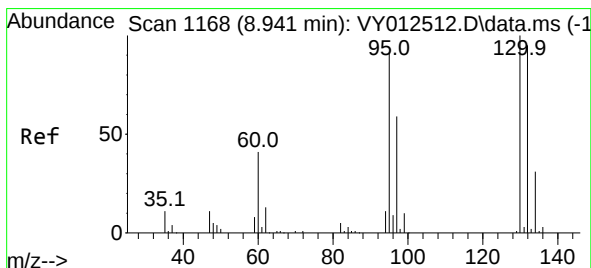
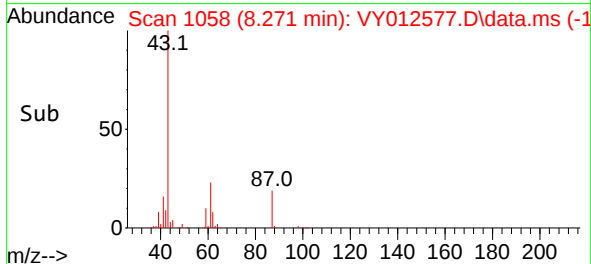
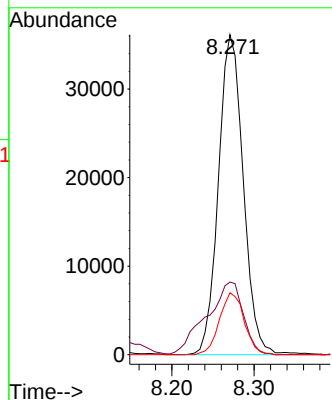
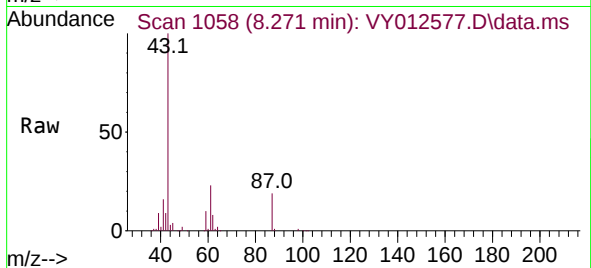
Tgt Ion: 43 Resp: 75602

Ion Ratio Lower Upper

43 100

61 33.6 27.2 40.8

87 19.4 15.0 22.4



#44

Trichloroethene

Concen: 48.992 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VY012577.D

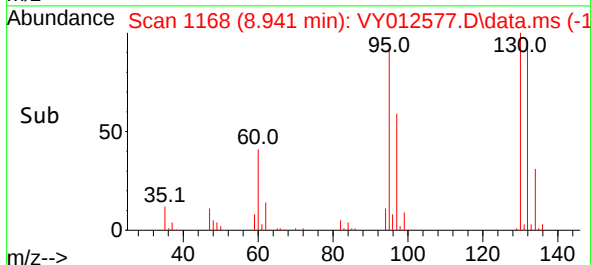
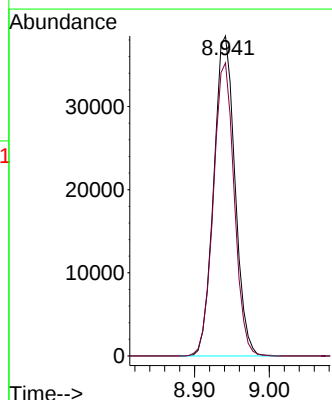
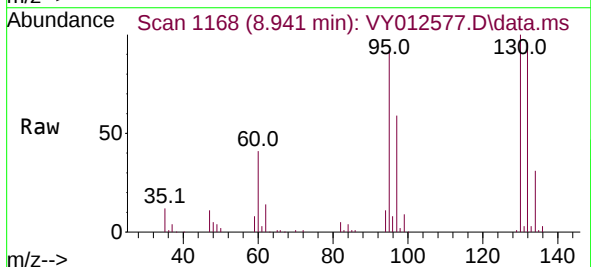
Acq: 14 Feb 2023 09:52

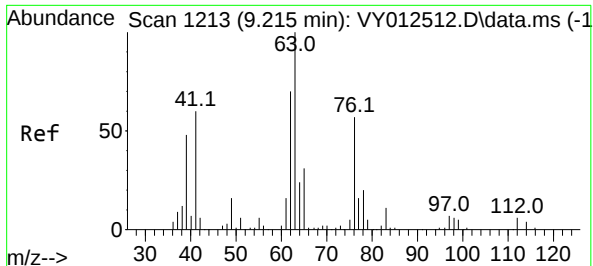
Tgt Ion:130 Resp: 75864

Ion Ratio Lower Upper

130 100

95 91.6 0.0 181.2





#45

1,2-Dichloropropane

Concen: 47.892 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY012577.D

Acq: 14 Feb 2023 09:52

Instrument :

MSVOA_Y

ClientSampleId :

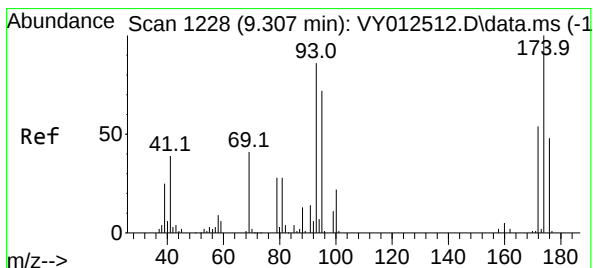
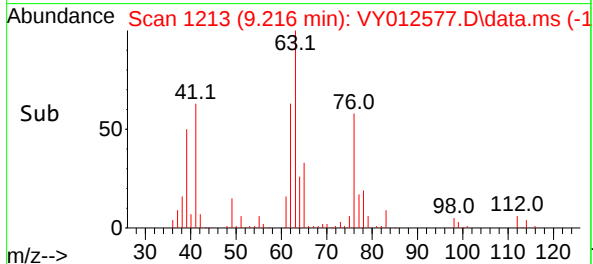
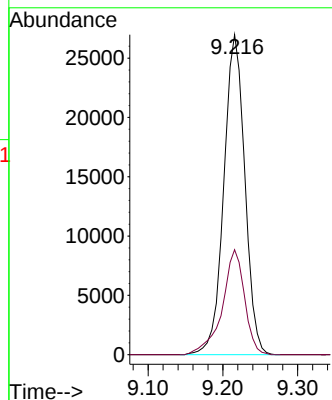
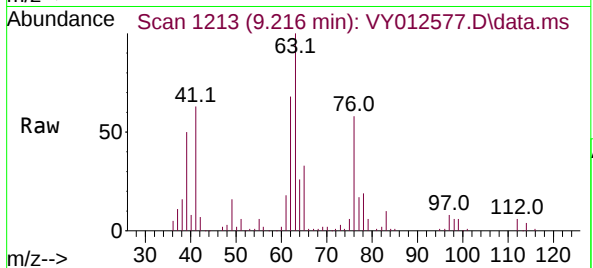
VSTDCCC050

Tgt Ion: 63 Resp: 52826

Ion Ratio Lower Upper

63 100

65 32.8 24.6 37.0



#46

Dibromomethane

Concen: 52.728 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY012577.D

Acq: 14 Feb 2023 09:52

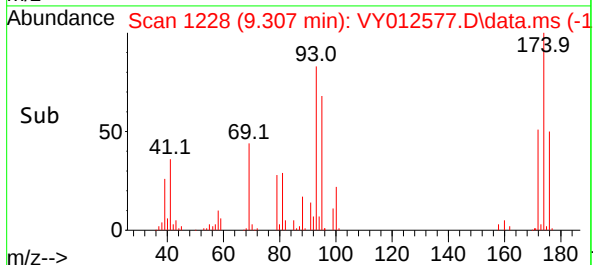
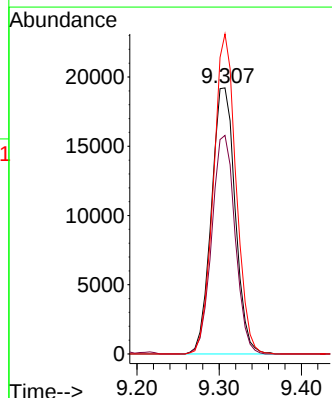
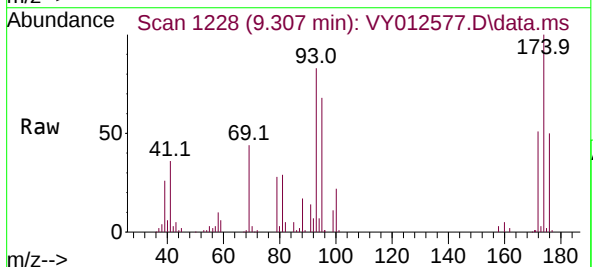
Tgt Ion: 93 Resp: 38510

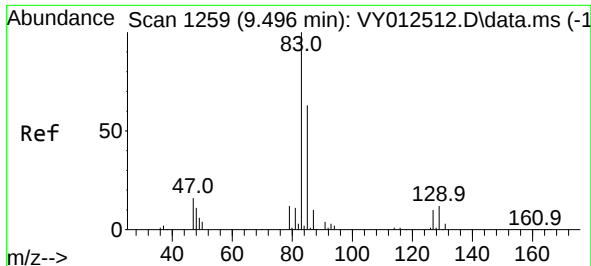
Ion Ratio Lower Upper

93 100

95 80.6 65.8 98.8

174 114.3 93.4 140.2

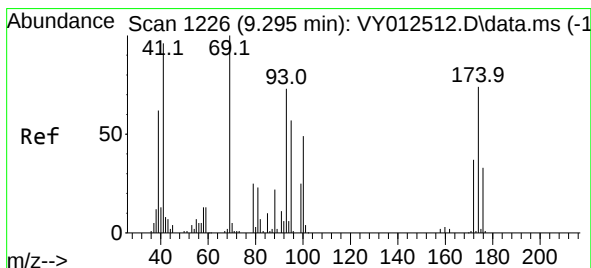
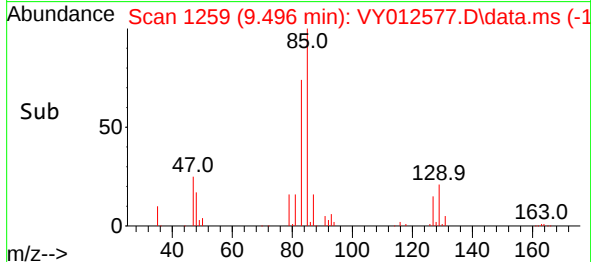
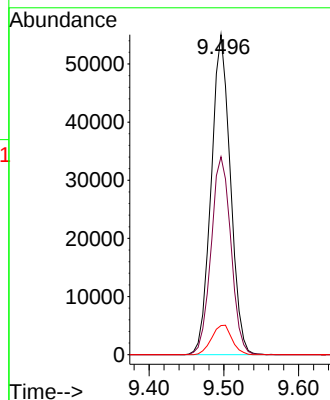
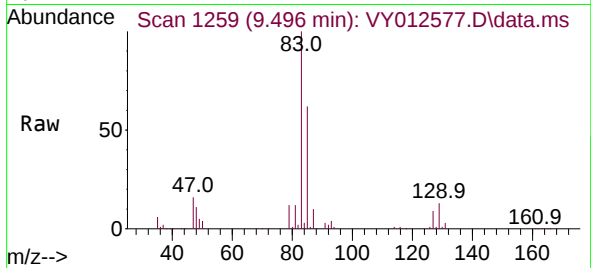




#47
Bromodichloromethane
Concen: 51.940 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY012577.D
Acq: 14 Feb 2023 09:52

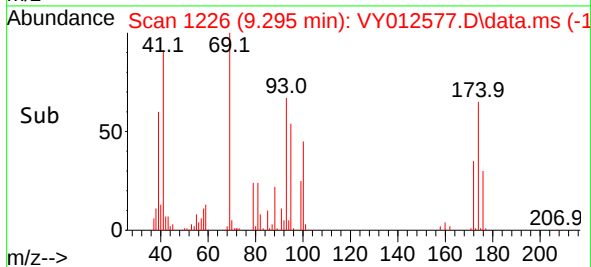
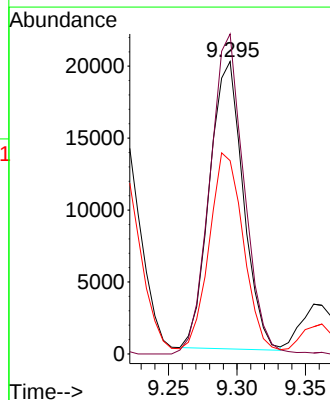
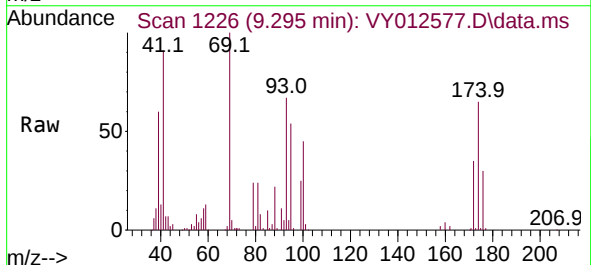
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

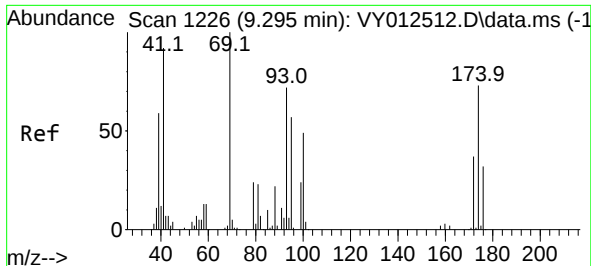
Tgt Ion: 83 Resp: 98358
Ion Ratio Lower Upper
83 100
85 61.8 50.7 76.1
127 9.1 8.1 12.1



#48
Methyl methacrylate
Concen: 51.956 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY012577.D
Acq: 14 Feb 2023 09:52

Tgt Ion: 41 Resp: 34219
Ion Ratio Lower Upper
41 100
69 113.0 85.4 128.2
39 72.1 52.7 79.1





#49

1,4-Dioxane

Concen: 1199.944 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY012577.D

Acq: 14 Feb 2023 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

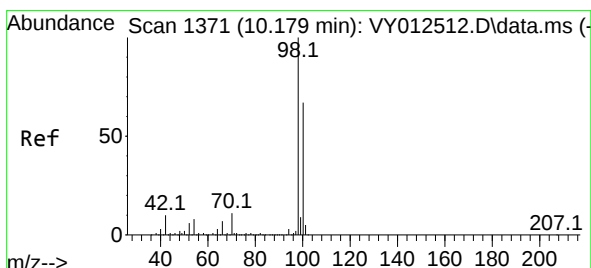
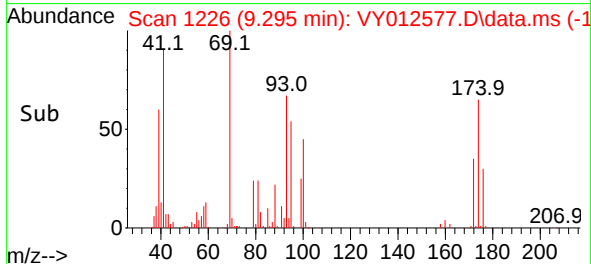
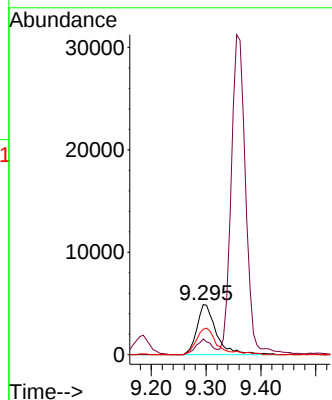
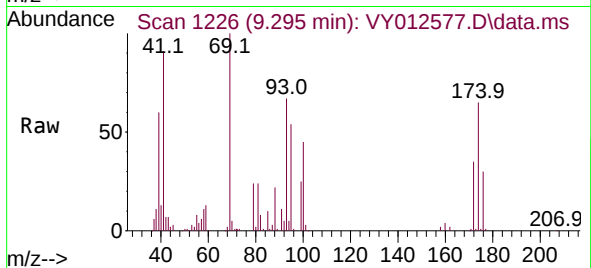
Tgt Ion: 88 Resp: 12098

Ion Ratio Lower Upper

88 100

43 24.6 22.6 33.8

58 56.6 45.4 68.0



#50

Toluene-d8

Concen: 53.477 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY012577.D

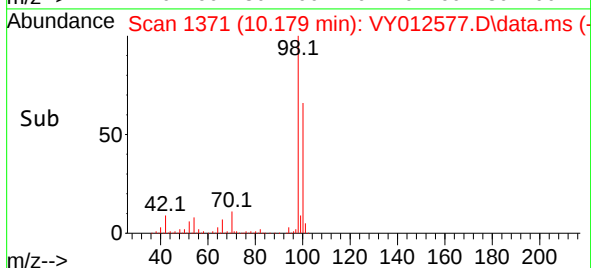
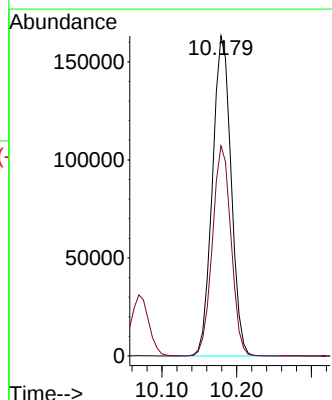
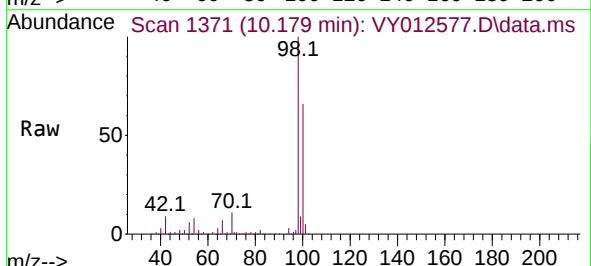
Acq: 14 Feb 2023 09:52

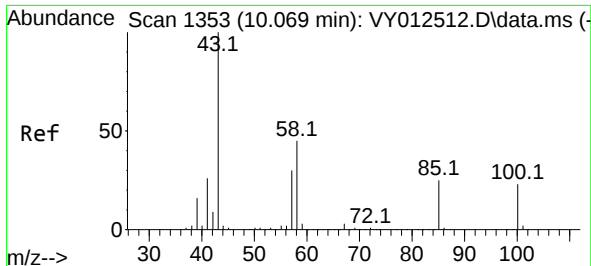
Tgt Ion: 98 Resp: 283250

Ion Ratio Lower Upper

98 100

100 65.4 52.2 78.2

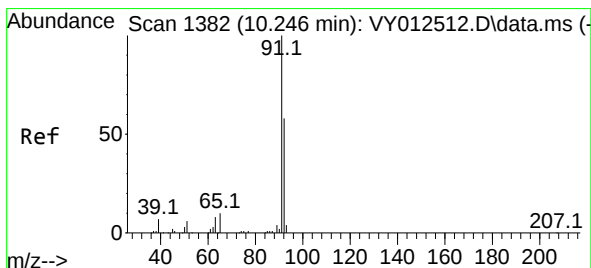
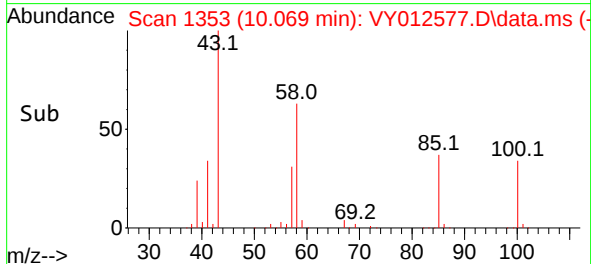
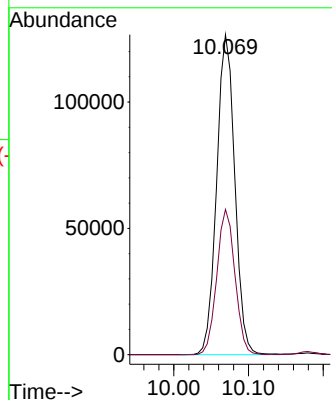
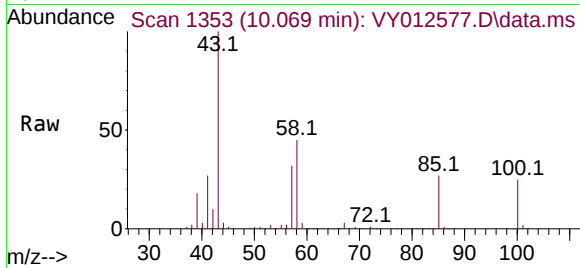




#51
4-Methyl-2-Pentanone
Concen: 275.378 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY012577.D
Acq: 14 Feb 2023 09:52

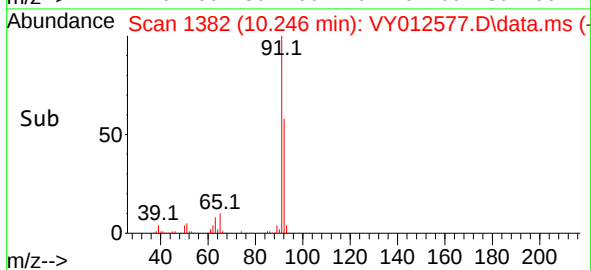
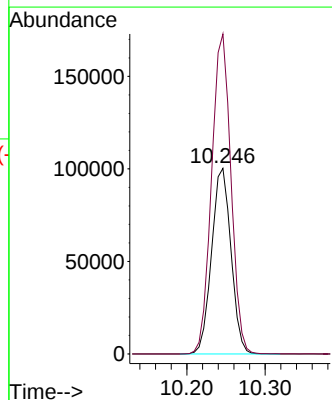
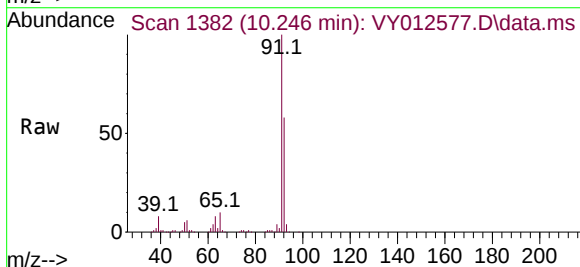
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

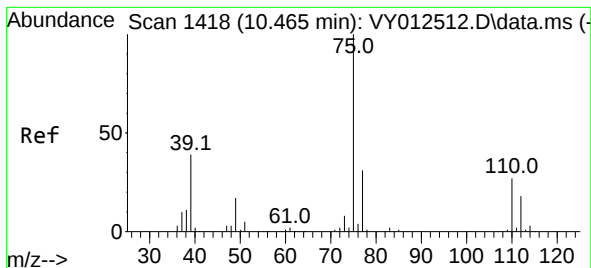
Tgt Ion: 43 Resp: 214078
Ion Ratio Lower Upper
43 100
58 45.4 36.2 54.2



#52
Toluene
Concen: 50.005 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY012577.D
Acq: 14 Feb 2023 09:52

Tgt Ion: 92 Resp: 172494
Ion Ratio Lower Upper
92 100
91 172.2 137.2 205.8

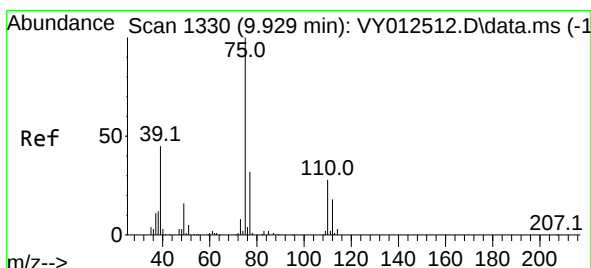
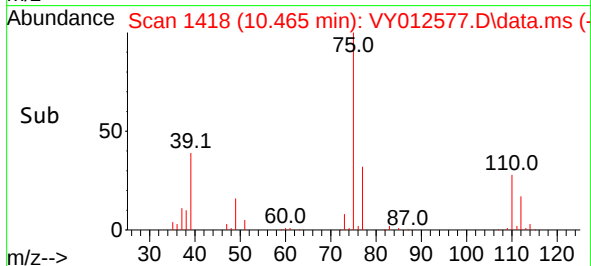
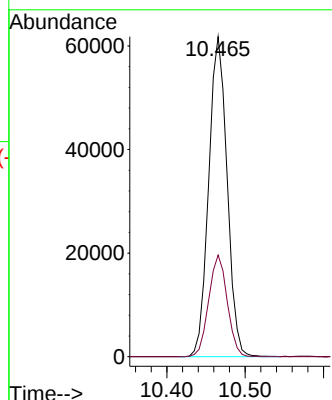
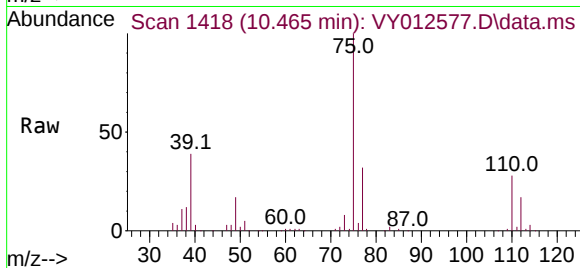




#53
t-1,3-Dichloropropene
Concen: 52.762 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY012577.D
Acq: 14 Feb 2023 09:52

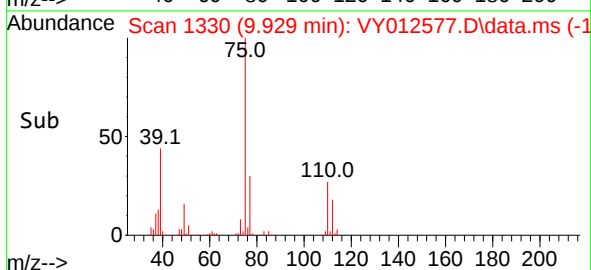
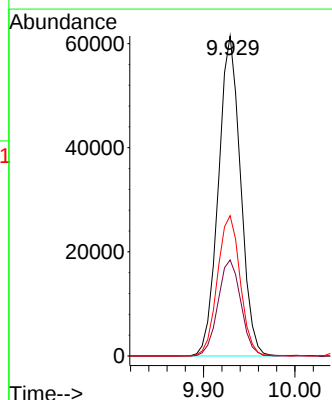
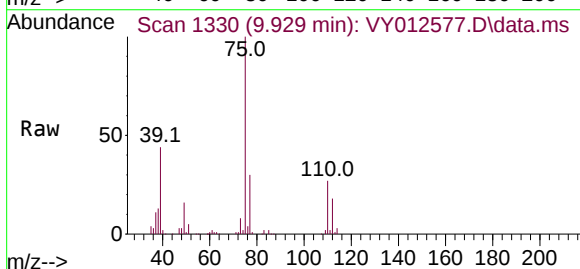
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

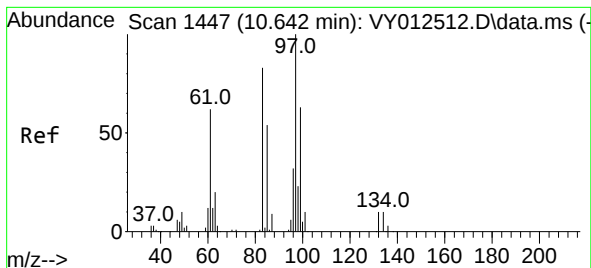
Tgt Ion: 75 Resp: 100681
Ion Ratio Lower Upper
75 100
77 31.7 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 50.119 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY012577.D
Acq: 14 Feb 2023 09:52

Tgt Ion: 75 Resp: 103495
Ion Ratio Lower Upper
75 100
77 30.0 25.7 38.5
39 43.8 36.0 54.0





#55

1,1,2-Trichloroethane

Concen: 53.045 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY012577.D

Acq: 14 Feb 2023 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 56608

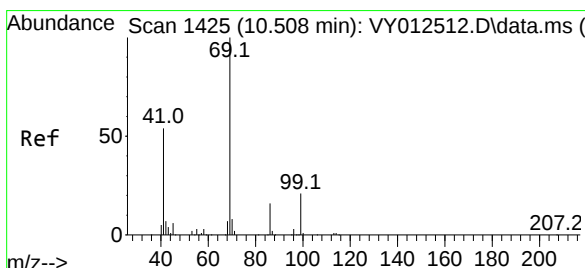
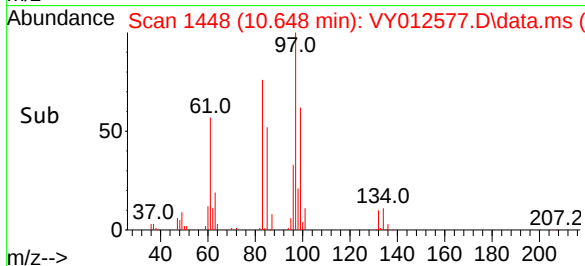
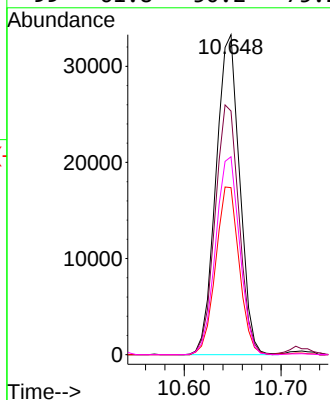
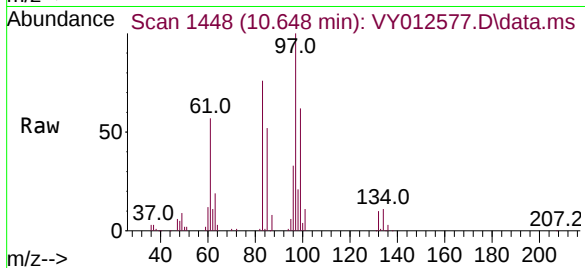
Ion Ratio Lower Upper

97 100

83 76.1 66.0 99.0

85 52.2 43.1 64.7

99 61.8 50.2 75.2



#56

Ethyl methacrylate

Concen: 53.987 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY012577.D

Acq: 14 Feb 2023 09:52

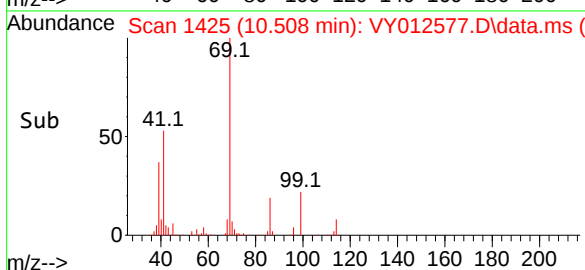
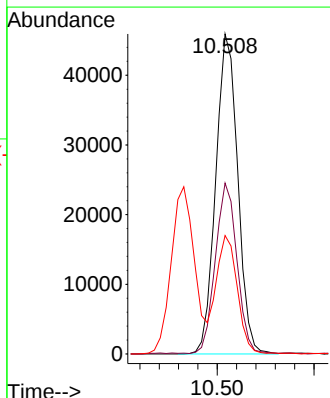
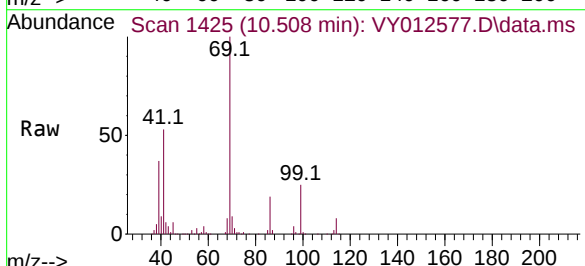
Tgt Ion: 69 Resp: 72384

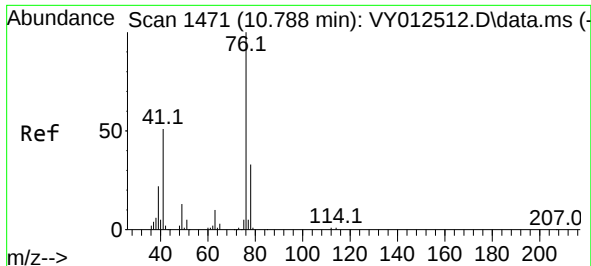
Ion Ratio Lower Upper

69 100

41 52.2 43.4 65.2

39 35.5 26.5 39.7

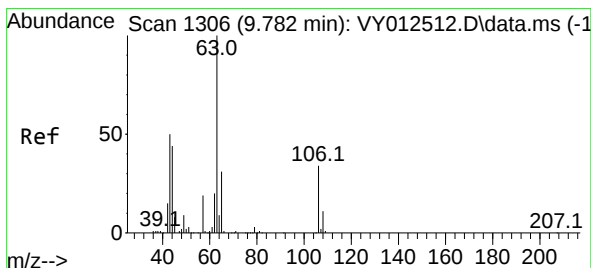
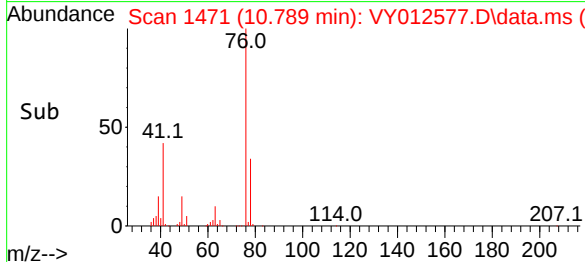
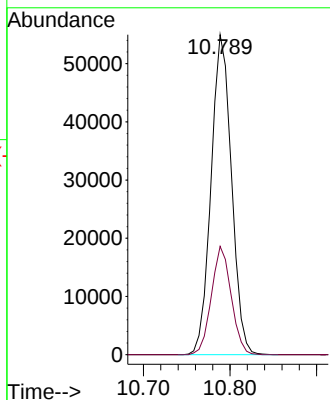
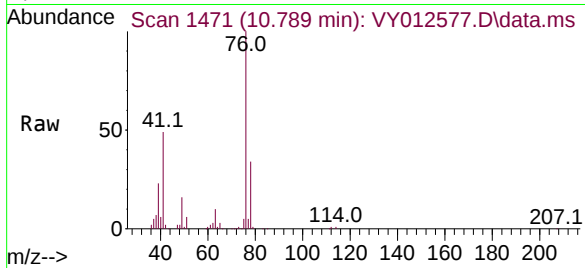




#57
1,3-Dichloropropane
Concen: 52.283 ug/l
RT: 10.789 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY012577.D
Acq: 14 Feb 2023 09:52

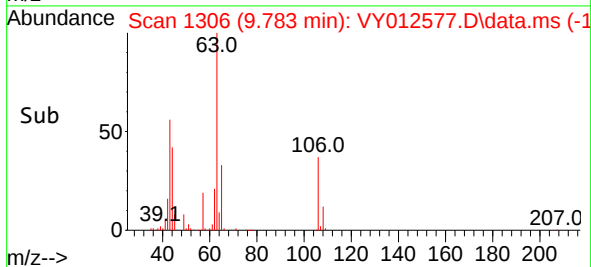
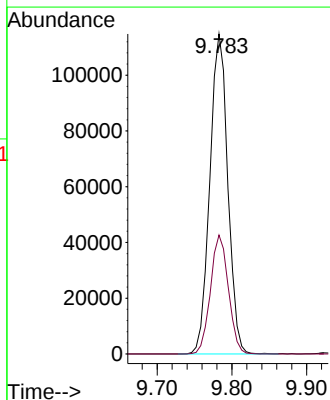
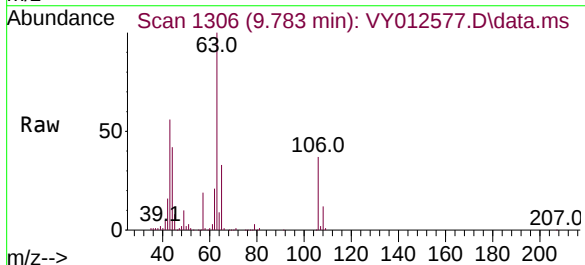
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

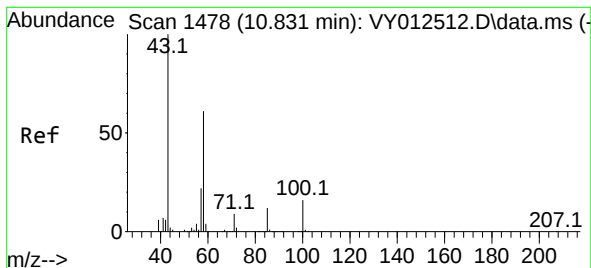
Tgt Ion: 76 Resp: 90048
Ion Ratio Lower Upper
76 100
78 32.8 26.6 39.8



#58
2-Chloroethyl Vinyl ether
Concen: 318.561 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY012577.D
Acq: 14 Feb 2023 09:52

Tgt Ion: 63 Resp: 191979
Ion Ratio Lower Upper
63 100
106 37.0 28.0 42.0

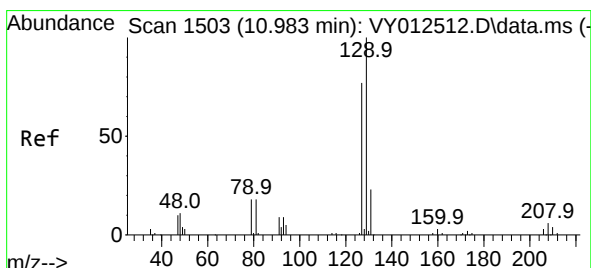
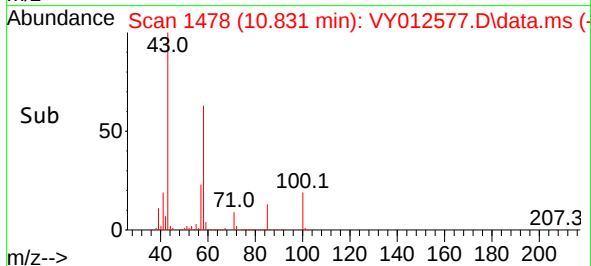
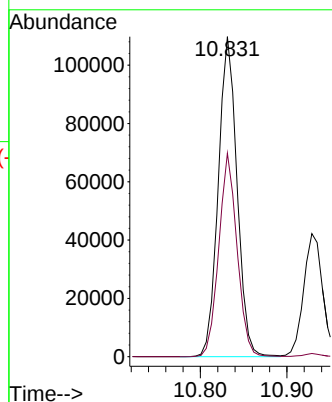
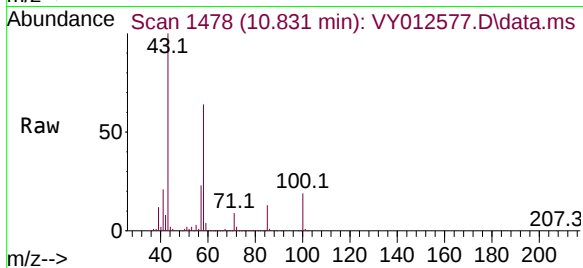




#59
2-Hexanone
Concen: 281.109 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY012577.D
Acq: 14 Feb 2023 09:52

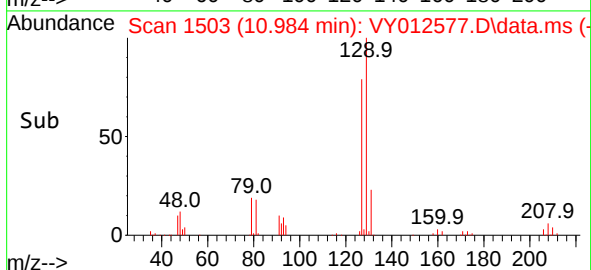
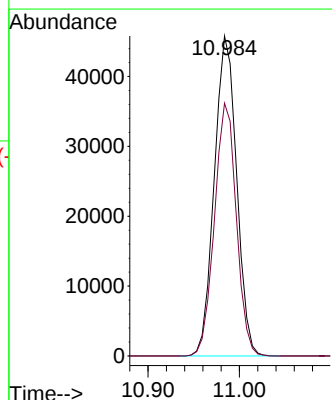
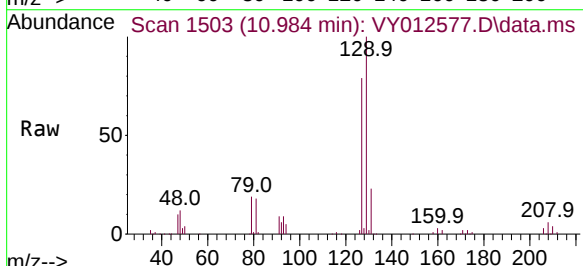
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

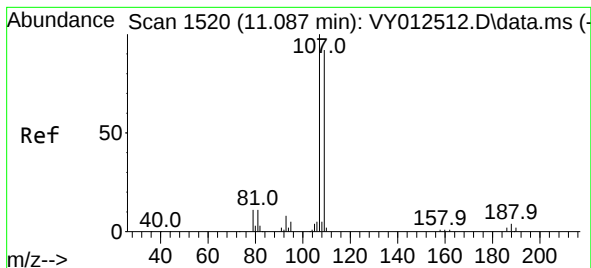
Tgt Ion: 43 Resp: 165149
Ion Ratio Lower Upper
43 100
58 61.9 30.9 92.5



#60
Dibromochloromethane
Concen: 54.558 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY012577.D
Acq: 14 Feb 2023 09:52

Tgt Ion: 129 Resp: 77612
Ion Ratio Lower Upper
129 100
127 77.5 38.0 114.1

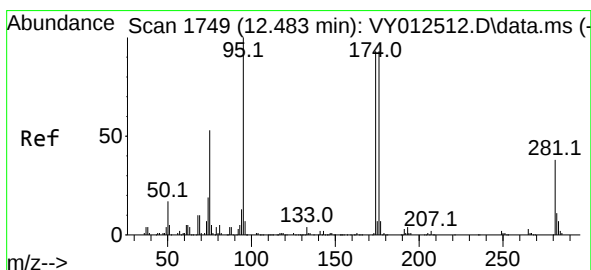
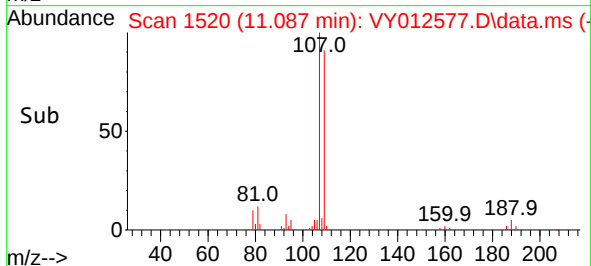
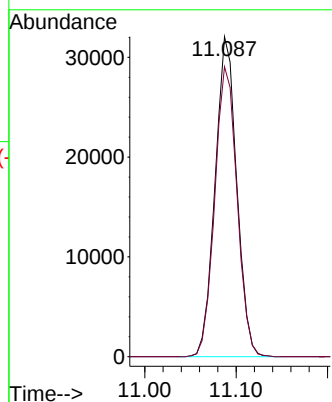
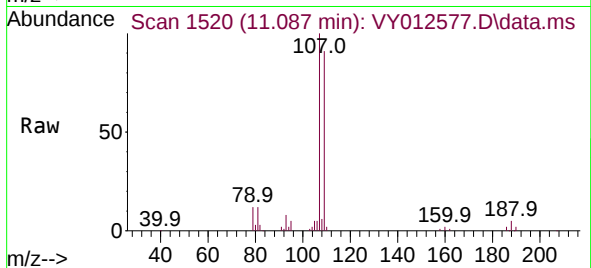




#61
1,2-Dibromoethane
Concen: 52.723 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY012577.D
Acq: 14 Feb 2023 09:52

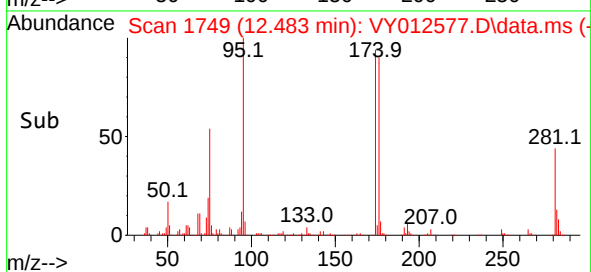
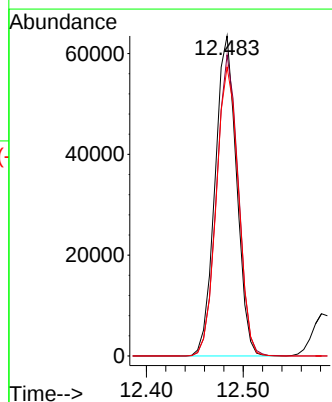
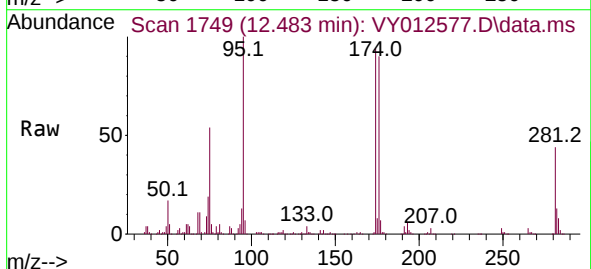
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

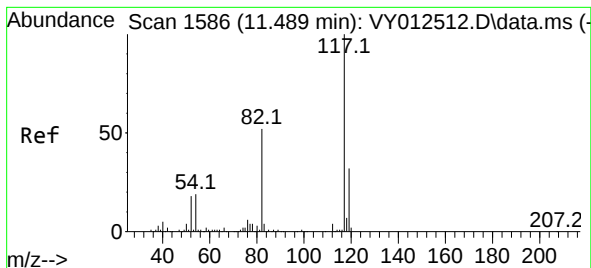
Tgt Ion:107 Resp: 52719
Ion Ratio Lower Upper
107 100
109 93.3 74.2 111.2



#62
4-Bromofluorobenzene
Concen: 53.114 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012577.D
Acq: 14 Feb 2023 09:52

Tgt Ion: 95 Resp: 98128
Ion Ratio Lower Upper
95 100
174 94.9 0.0 188.0
176 92.9 0.0 183.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012577.D

Acq: 14 Feb 2023 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

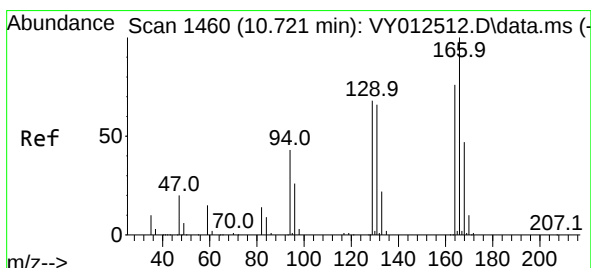
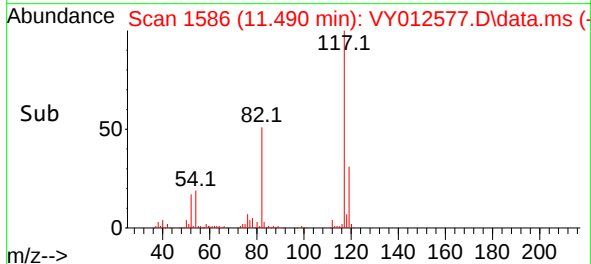
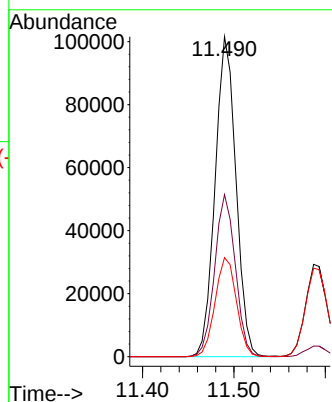
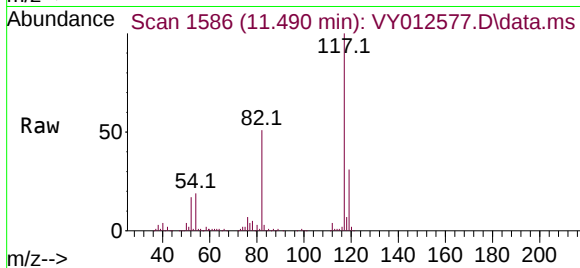
Tgt Ion:117 Resp: 161015

Ion Ratio Lower Upper

117 100

82 50.7 41.7 62.5

119 30.9 25.8 38.8



#64

Tetrachloroethene

Concen: 43.972 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY012577.D

Acq: 14 Feb 2023 09:52

Tgt Ion:164 Resp: 73917

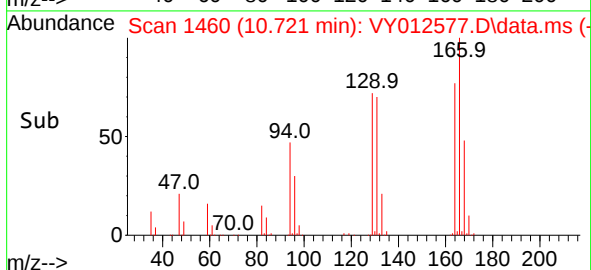
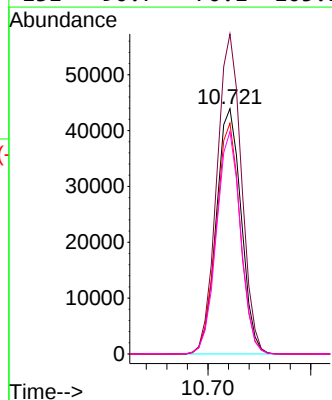
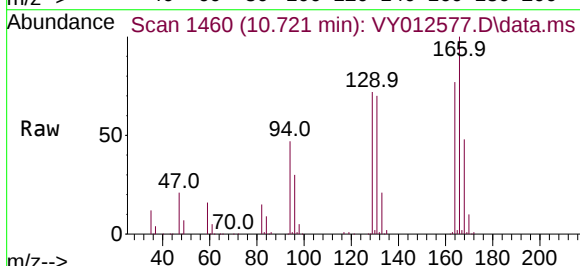
Ion Ratio Lower Upper

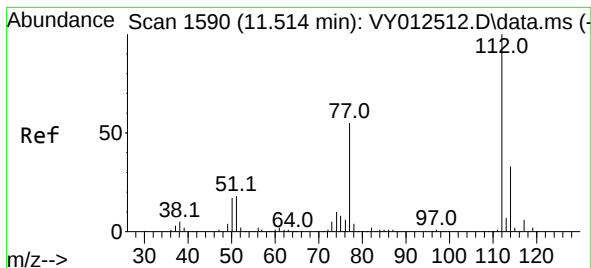
164 100

166 130.5 105.7 158.5

129 94.1 71.8 107.6

131 90.7 70.1 105.1

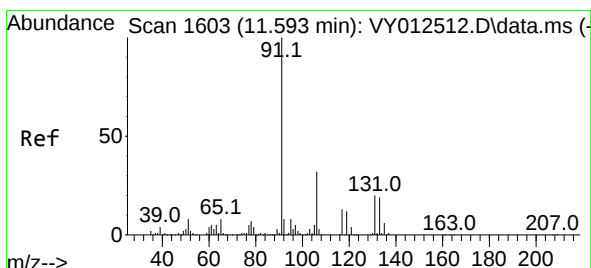
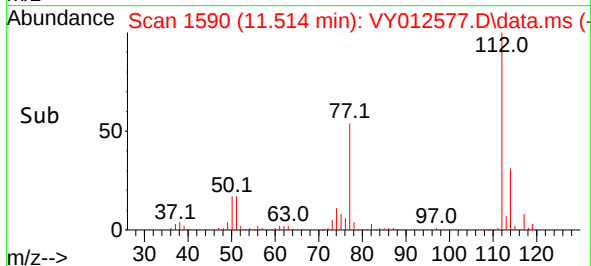
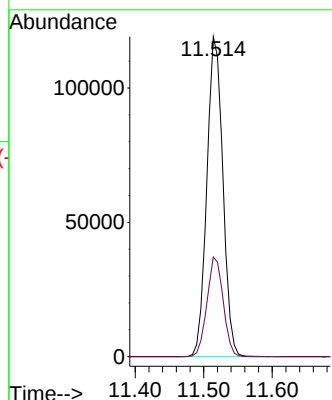
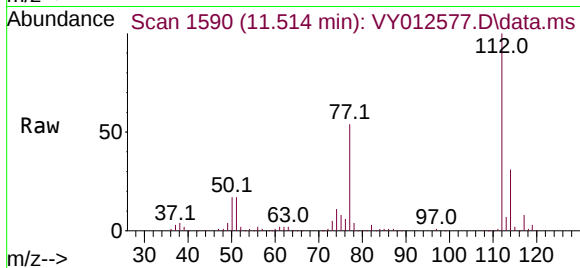




#65
Chlorobenzene
Concen: 50.660 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. 0.000 min
Lab File: VY012577.D
Acq: 14 Feb 2023 09:52

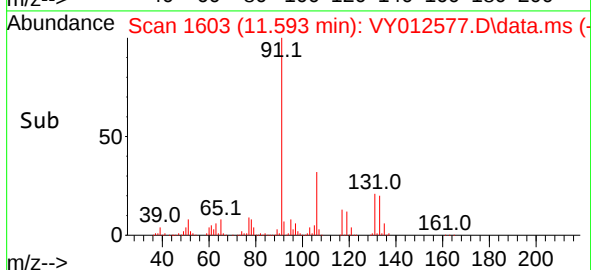
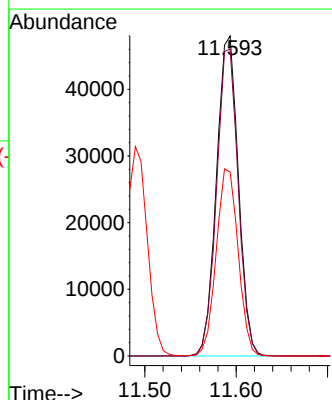
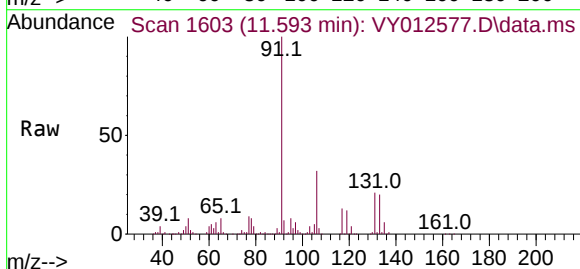
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

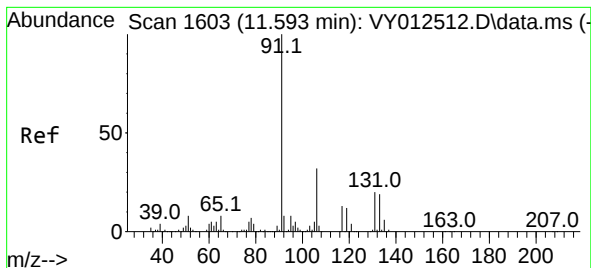
Tgt Ion:112 Resp: 193469
Ion Ratio Lower Upper
112 100
114 31.2 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 53.421 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY012577.D
Acq: 14 Feb 2023 09:52

Tgt Ion:131 Resp: 79947
Ion Ratio Lower Upper
131 100
133 95.0 48.5 145.5
119 58.6 30.7 92.1





#67

Ethyl Benzene

Concen: 50.785 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY012577.D

Acq: 14 Feb 2023 09:52

Instrument :

MSVOA_Y

ClientSampleId :

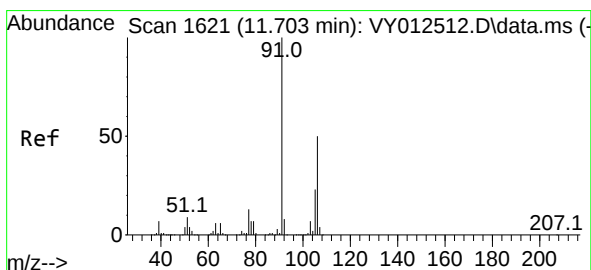
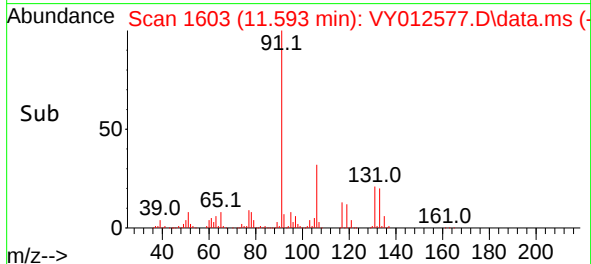
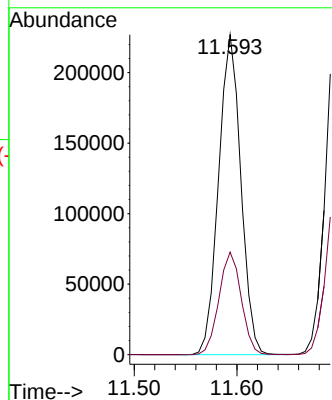
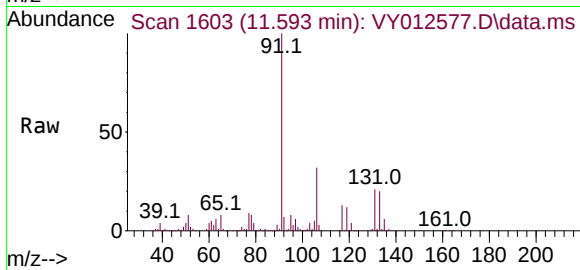
VSTDCCC050

Tgt Ion: 91 Resp: 340495

Ion Ratio Lower Upper

91 100

106 32.0 25.6 38.4



#68

m/p-Xylenes

Concen: 102.237 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY012577.D

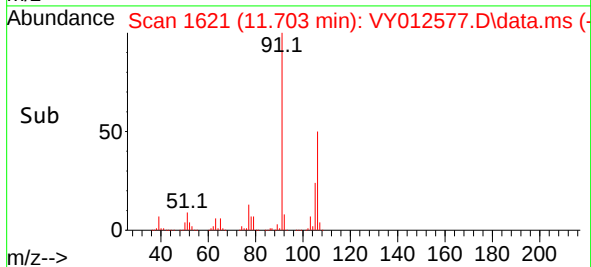
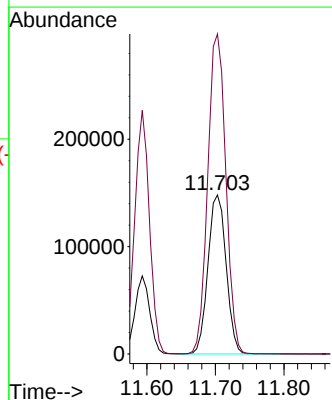
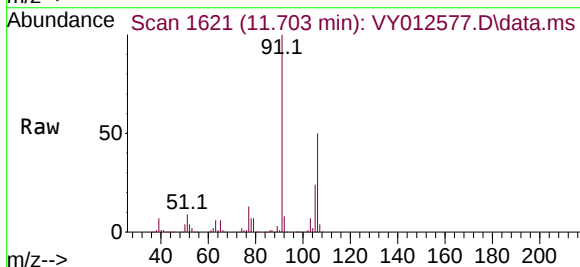
Acq: 14 Feb 2023 09:52

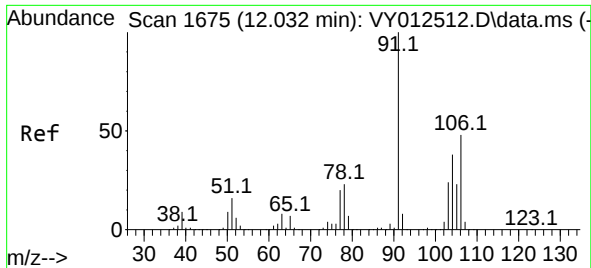
Tgt Ion: 106 Resp: 273606

Ion Ratio Lower Upper

106 100

91 200.2 160.3 240.5

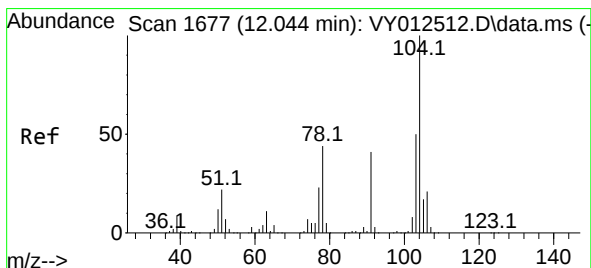
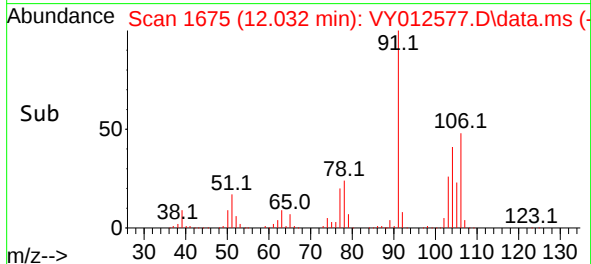
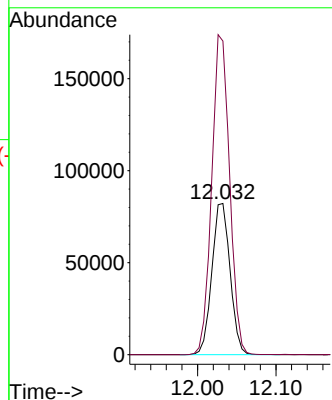
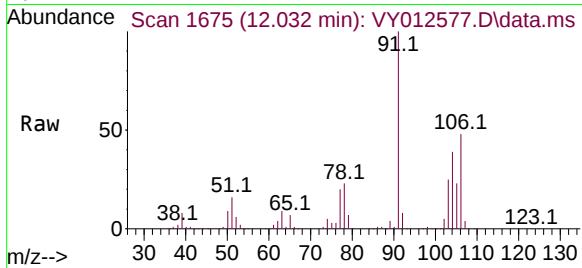




#69
o-Xylene
Concen: 52.036 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY012577.D
Acq: 14 Feb 2023 09:52

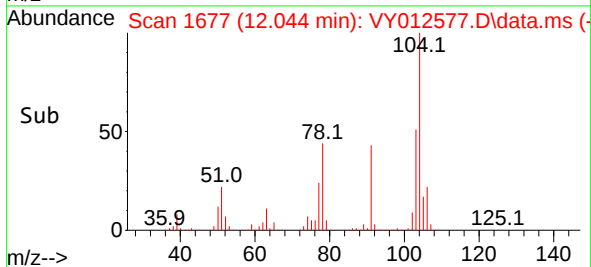
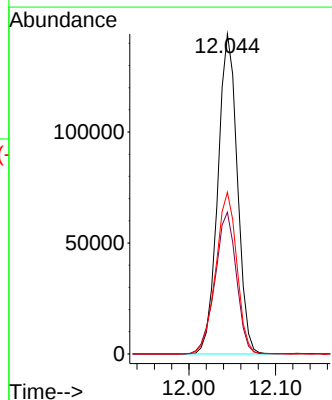
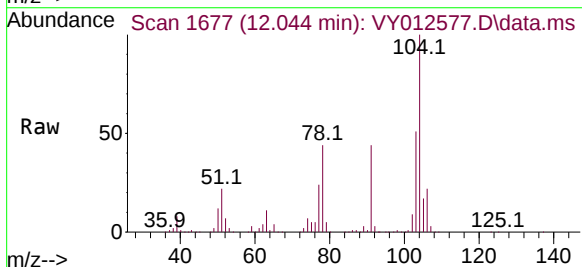
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

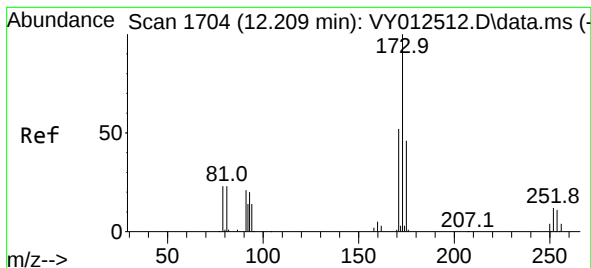
Tgt Ion:106 Resp: 132621
Ion Ratio Lower Upper
106 100
91 207.9 104.2 312.5



#70
Styrene
Concen: 52.203 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY012577.D
Acq: 14 Feb 2023 09:52

Tgt Ion:104 Resp: 225641
Ion Ratio Lower Upper
104 100
78 48.6 39.4 59.2
103 54.4 43.8 65.8





#71

Bromoform

Concen: 56.352 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012577.D

Acq: 14 Feb 2023 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

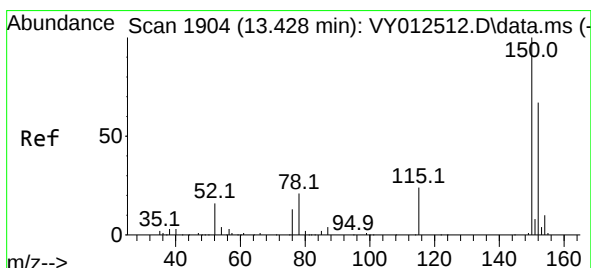
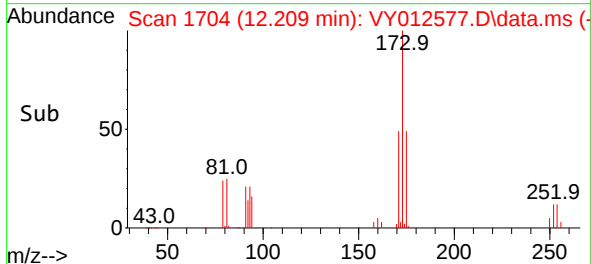
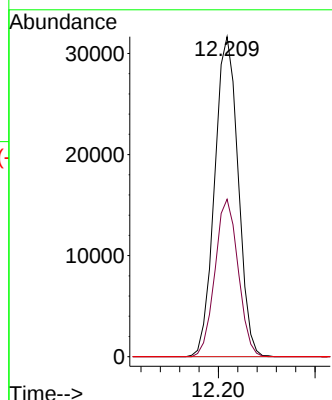
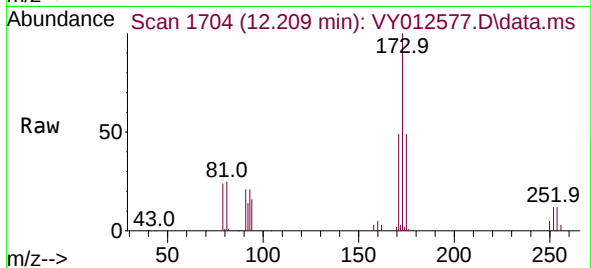
Tgt Ion:173 Resp: 53306

Ion Ratio Lower Upper

173 100

175 48.6 23.9 71.7

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012577.D

Acq: 14 Feb 2023 09:52

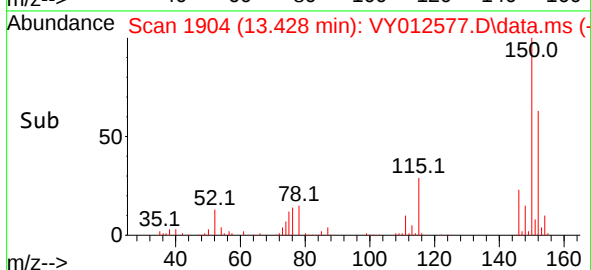
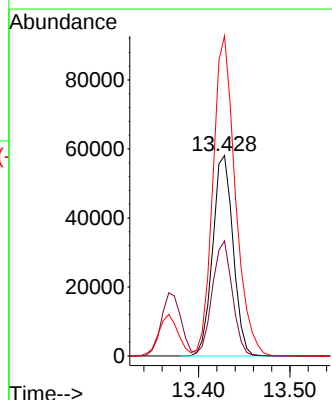
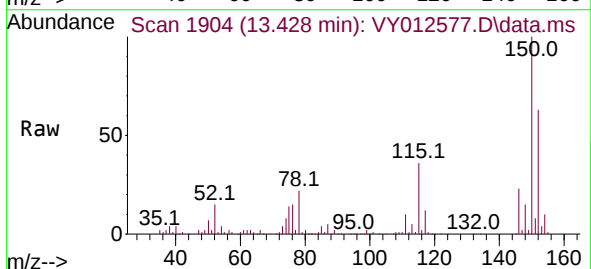
Tgt Ion:152 Resp: 89977

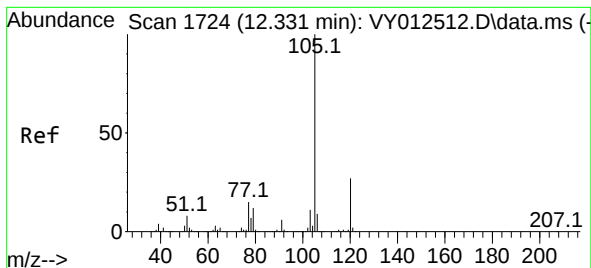
Ion Ratio Lower Upper

152 100

115 56.2 28.1 84.3

150 175.6 0.0 351.0





#73

Isopropylbenzene

Concen: 49.688 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012577.D

Acq: 14 Feb 2023 09:52

Instrument :

MSVOA_Y

ClientSampleId :

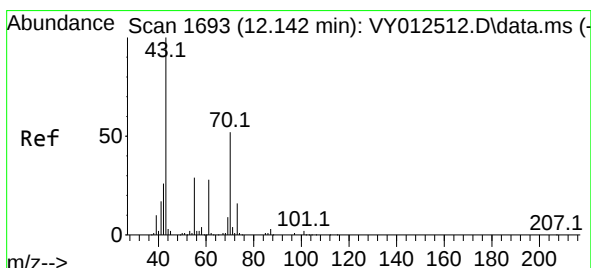
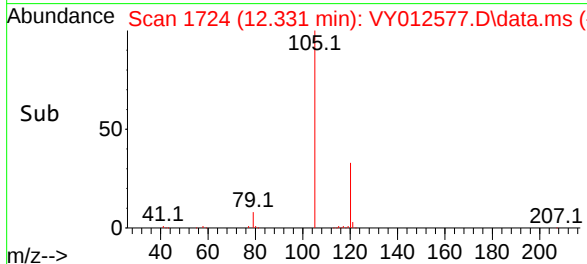
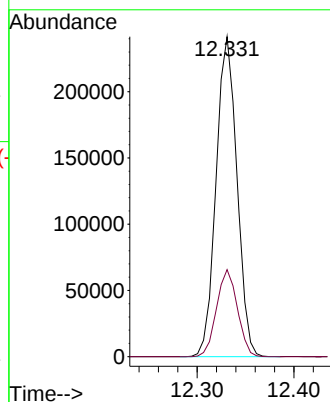
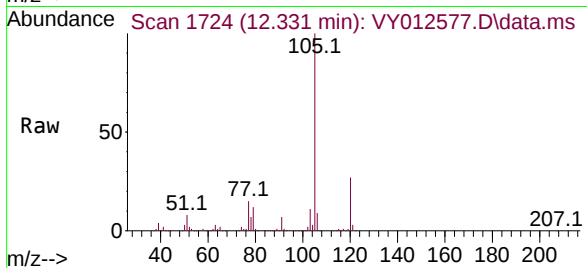
VSTDCCC050

Tgt Ion:105 Resp: 361716

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.2



#74

N-ethyl acetate

Concen: 50.582 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY012577.D

Acq: 14 Feb 2023 09:52

Tgt Ion: 43 Resp: 66656

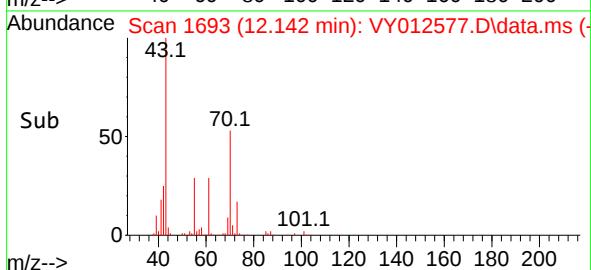
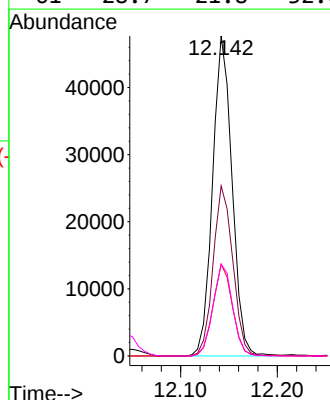
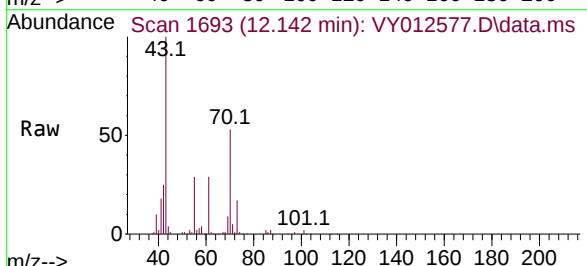
Ion Ratio Lower Upper

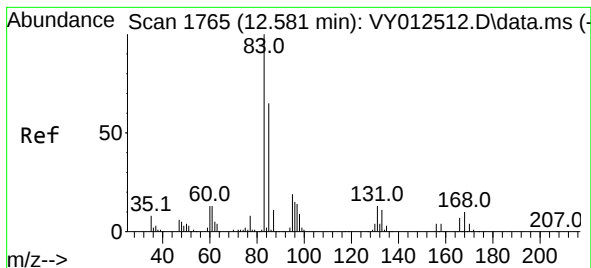
43 100

70 53.9 41.0 61.6

55 28.6 22.9 34.3

61 28.7 21.8 32.6





#75

1,1,2,2-Tetrachloroethane

Concen: 53.065 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY012577.D

Acq: 14 Feb 2023 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

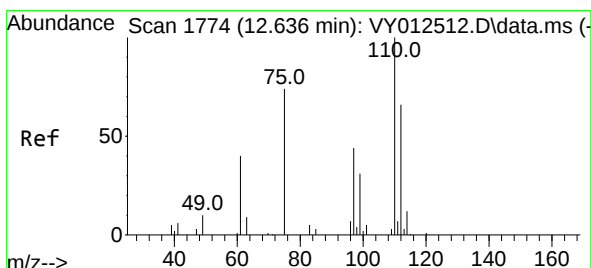
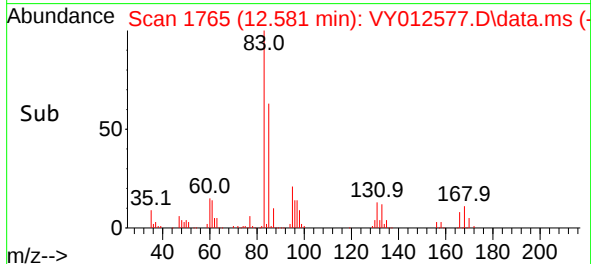
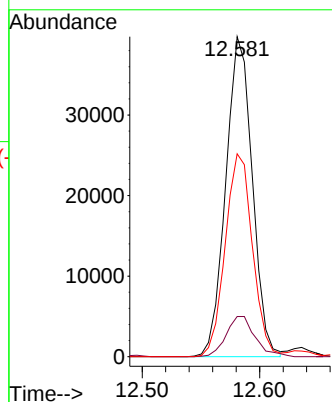
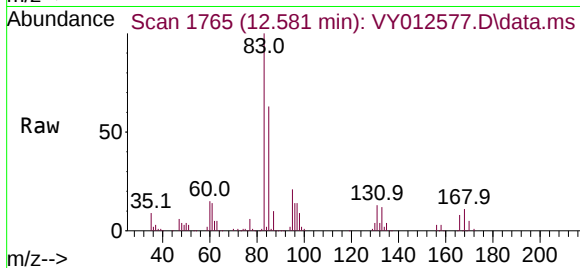
Tgt Ion: 83 Resp: 62462

Ion Ratio Lower Upper

83 100

131 13.7 6.5 19.4

85 65.0 33.0 99.0



#76

1,2,3-Trichloropropane

Concen: 54.201 ug/l m

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY012577.D

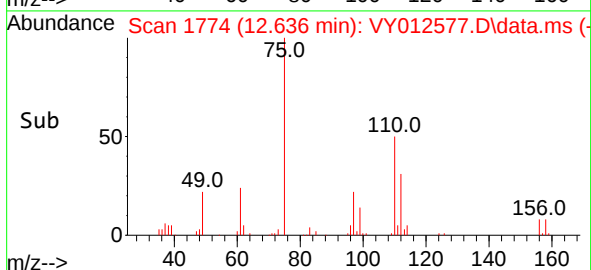
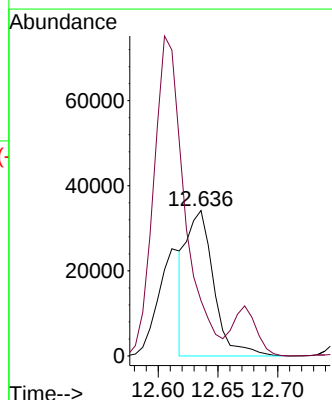
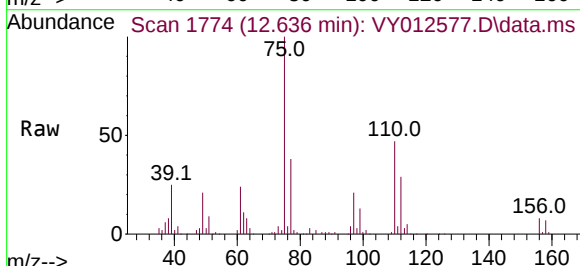
Acq: 14 Feb 2023 09:52

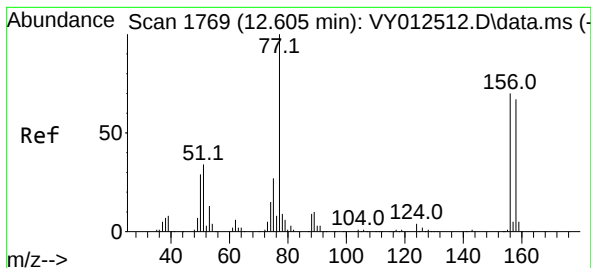
Tgt Ion: 75 Resp: 54486

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.997 ug/l

RT: 12.611 min Scan# 1769

Delta R.T. 0.006 min

Lab File: VY012577.D

Acq: 14 Feb 2023 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

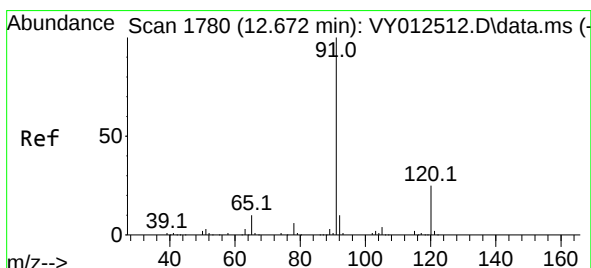
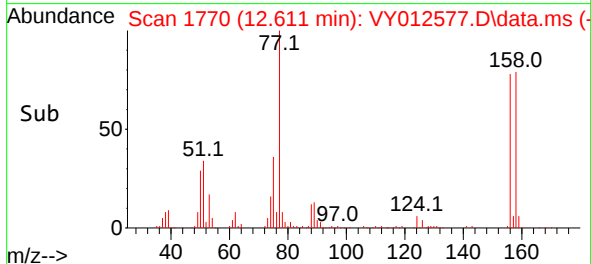
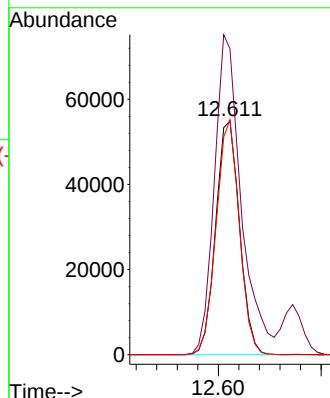
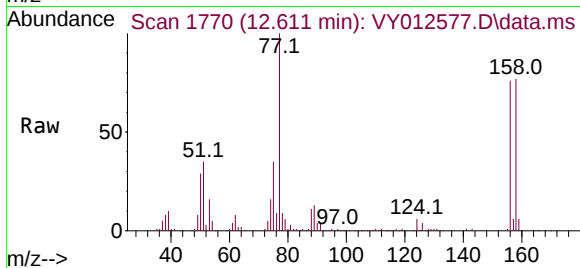
Tgt Ion:156 Resp: 88215

Ion Ratio Lower Upper

156 100

77 154.5 80.6 241.8

158 97.7 49.1 147.3



#78

n-propylbenzene

Concen: 49.054 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY012577.D

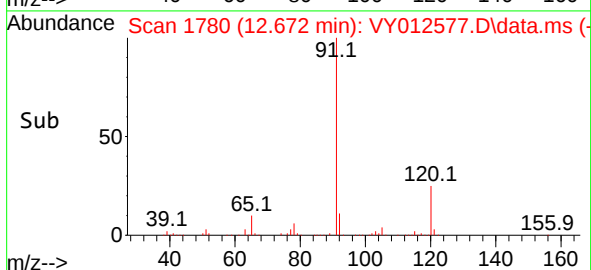
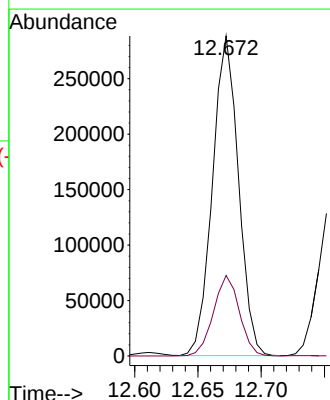
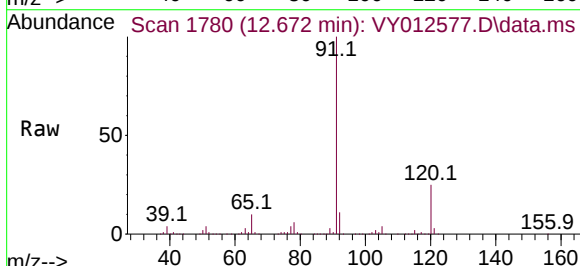
Acq: 14 Feb 2023 09:52

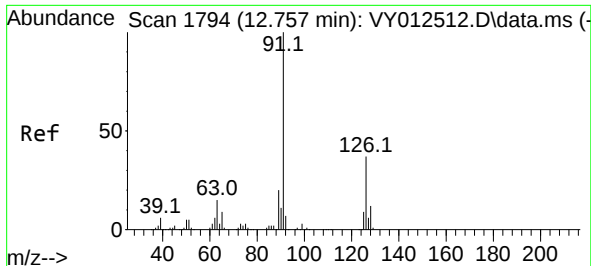
Tgt Ion: 91 Resp: 411020

Ion Ratio Lower Upper

91 100

120 25.1 12.4 37.4

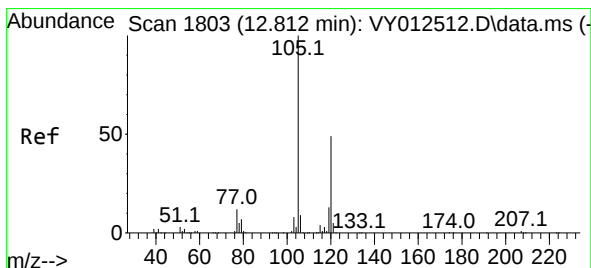
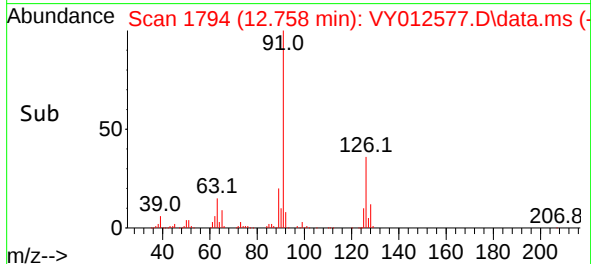
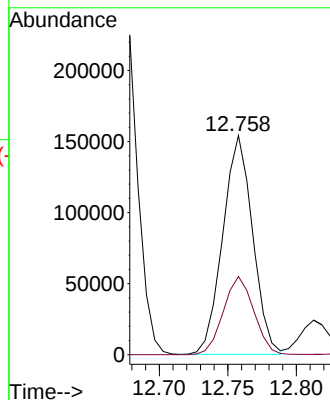
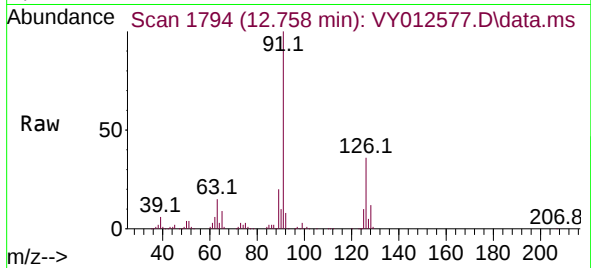




#79
2-Chlorotoluene
Concen: 49.113 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012577.D
Acq: 14 Feb 2023 09:52

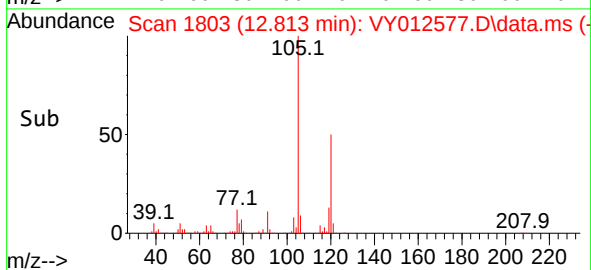
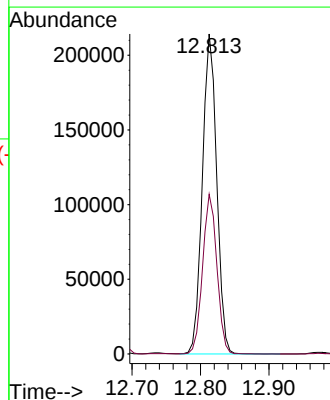
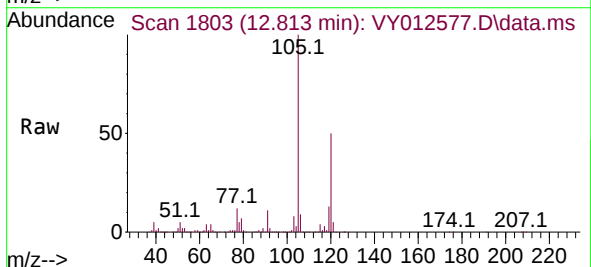
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

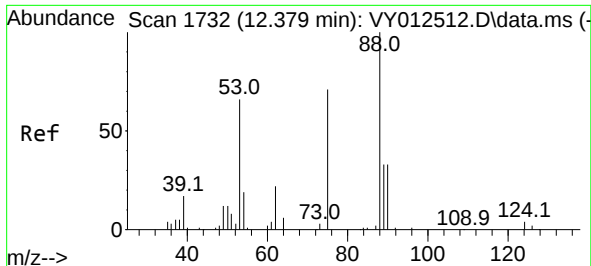
Tgt Ion: 91 Resp: 233606
Ion Ratio Lower Upper
91 100
126 36.4 18.3 54.8



#80
1,3,5-Trimethylbenzene
Concen: 49.933 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY012577.D
Acq: 14 Feb 2023 09:52

Tgt Ion: 105 Resp: 312915
Ion Ratio Lower Upper
105 100
120 49.6 24.6 74.0

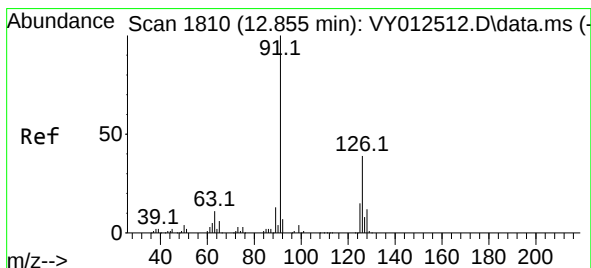
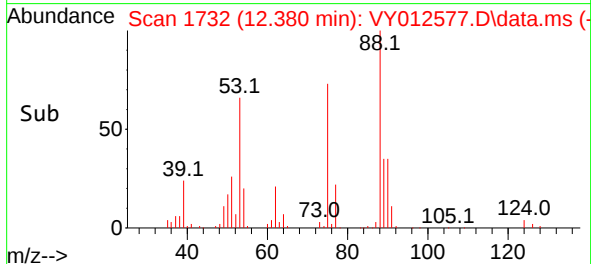
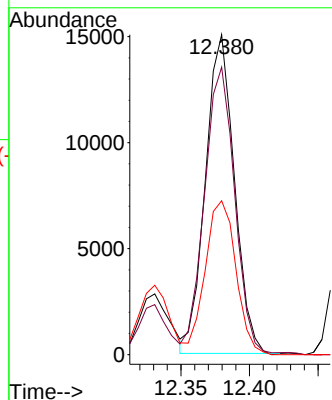
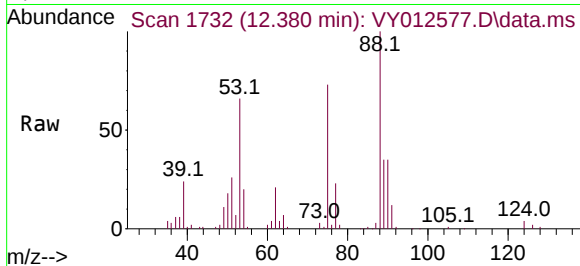




#81
trans-1,4-Dichloro-2-butene
Concen: 49.480 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY012577.D
Acq: 14 Feb 2023 09:52

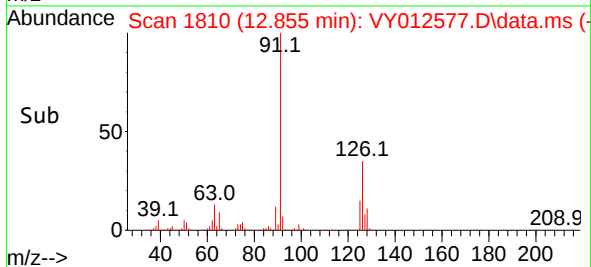
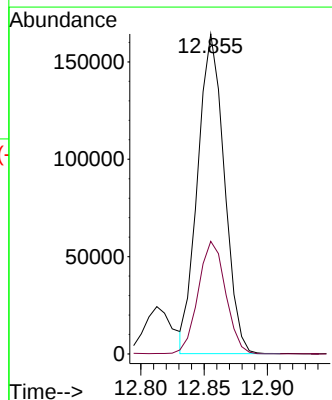
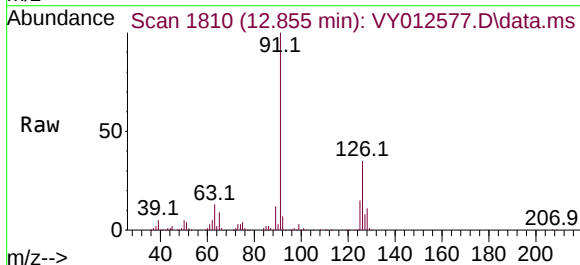
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

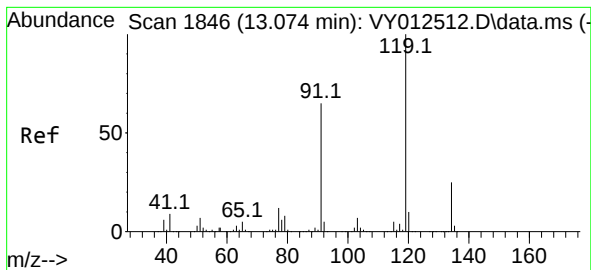
Tgt Ion: 75 Resp: 22057
Ion Ratio Lower Upper
75 100
53 95.0 73.1 109.7
89 50.9 39.9 59.9



#82
4-Chlorotoluene
Concen: 48.209 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012577.D
Acq: 14 Feb 2023 09:52

Tgt Ion: 91 Resp: 240544
Ion Ratio Lower Upper
91 100
126 36.2 18.1 54.3





#83

tert-Butylbenzene

Concen: 50.024 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY012577.D

Acq: 14 Feb 2023 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

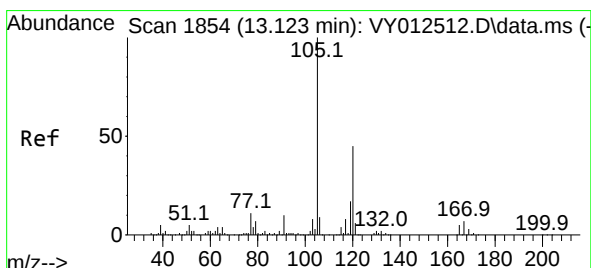
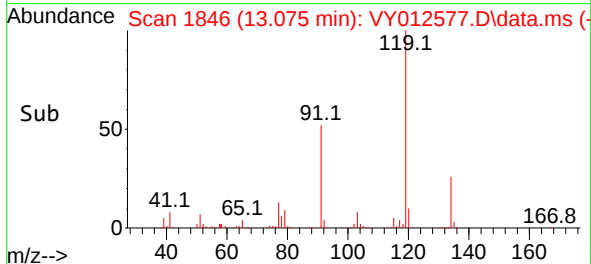
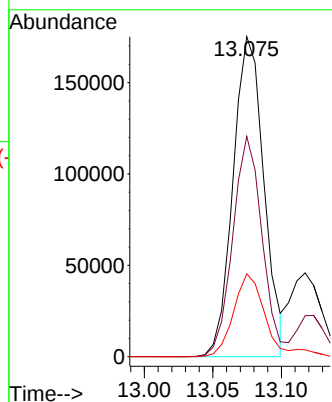
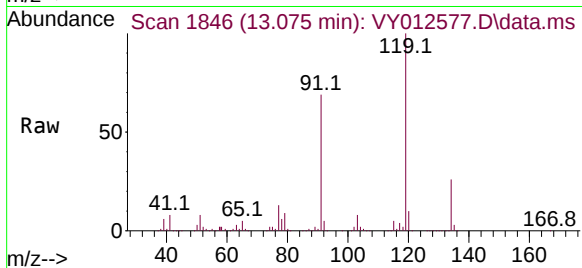
Tgt Ion:119 Resp: 274902

Ion Ratio Lower Upper

119 100

91 66.1 33.0 99.0

134 26.9 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 50.765 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY012577.D

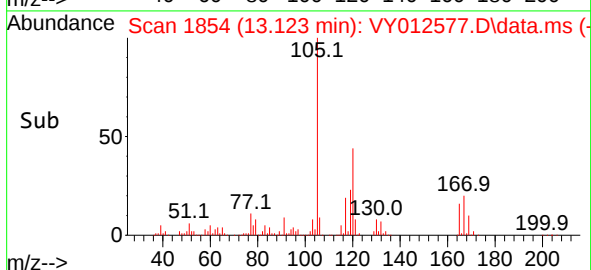
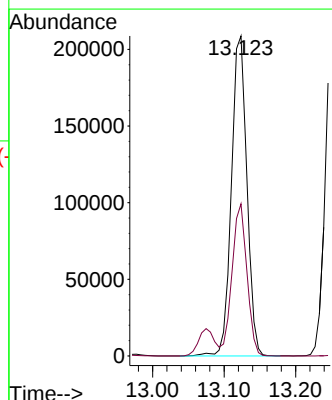
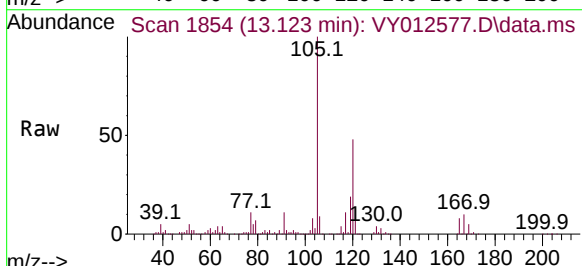
Acq: 14 Feb 2023 09:52

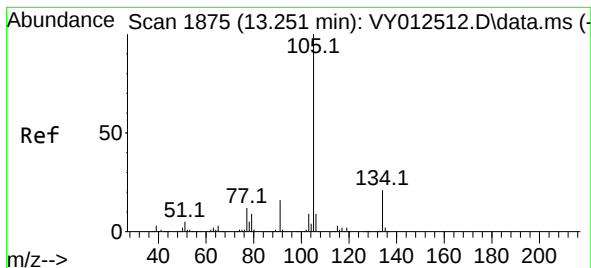
Tgt Ion:105 Resp: 313025

Ion Ratio Lower Upper

105 100

120 45.9 22.8 68.3





#85

sec-Butylbenzene

Concen: 50.073 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY012577.D

Acq: 14 Feb 2023 09:52

Instrument :

MSVOA_Y

ClientSampleId :

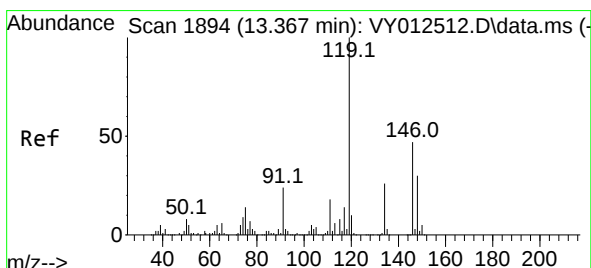
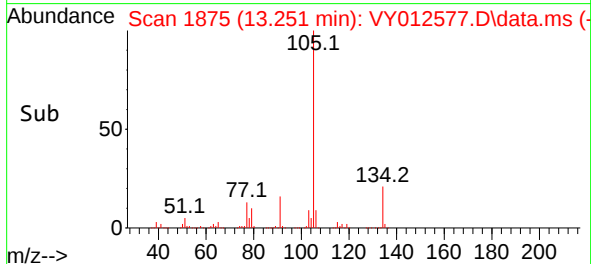
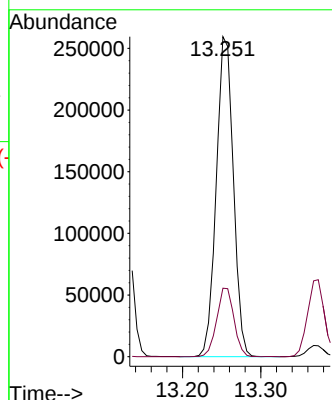
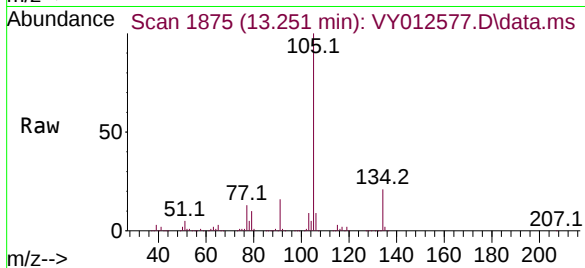
VSTDCCC050

Tgt Ion:105 Resp: 393657

Ion Ratio Lower Upper

105 100

134 21.6 10.8 32.3



#86

p-Isopropyltoluene

Concen: 51.195 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012577.D

Acq: 14 Feb 2023 09:52

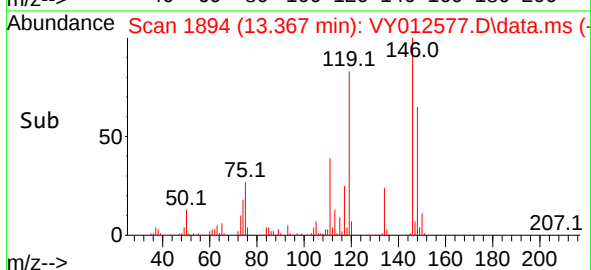
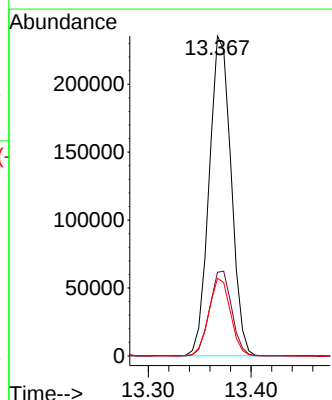
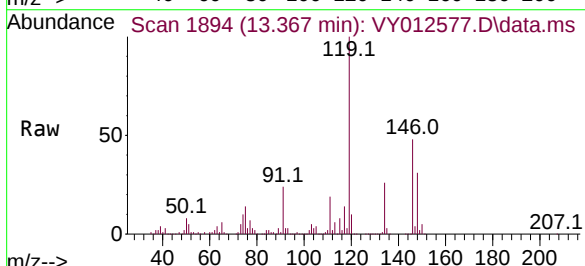
Tgt Ion:119 Resp: 349159

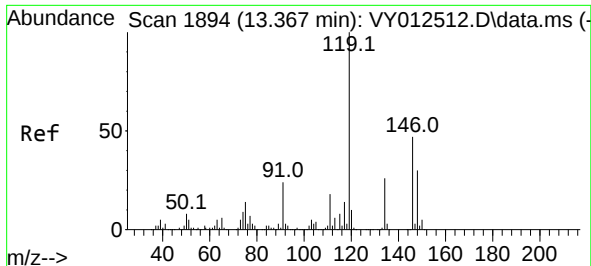
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

91 23.9 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 49.739 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012577.D

Acq: 14 Feb 2023 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

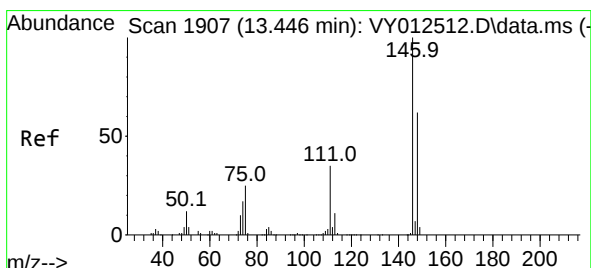
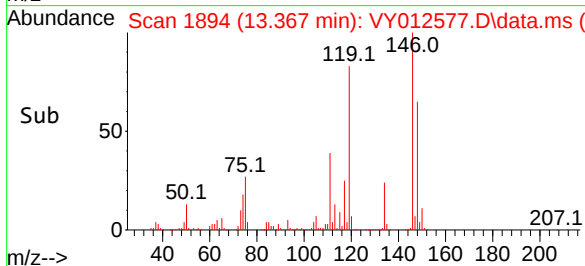
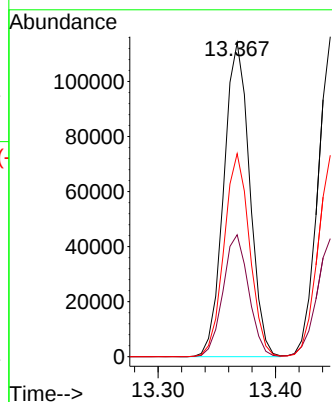
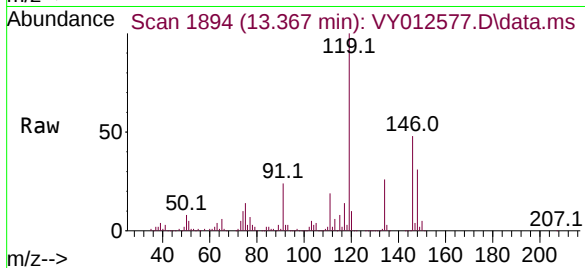
Tgt Ion:146 Resp: 174617

Ion Ratio Lower Upper

146 100

111 38.4 19.3 57.9

148 63.8 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 49.749 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY012577.D

Acq: 14 Feb 2023 09:52

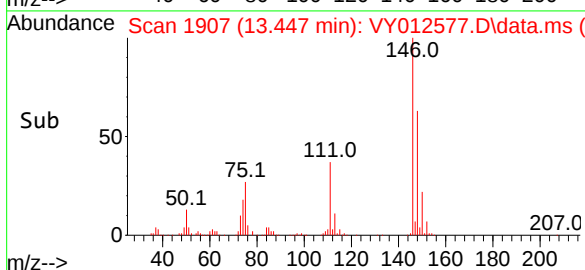
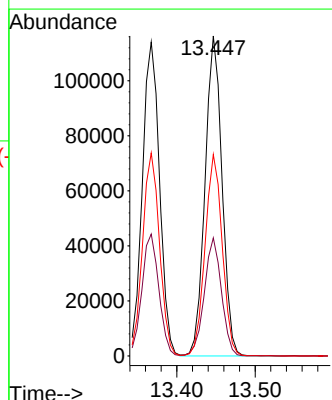
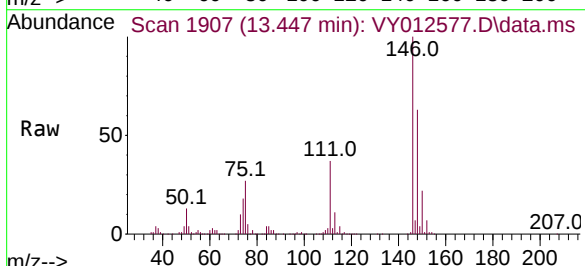
Tgt Ion:146 Resp: 174947

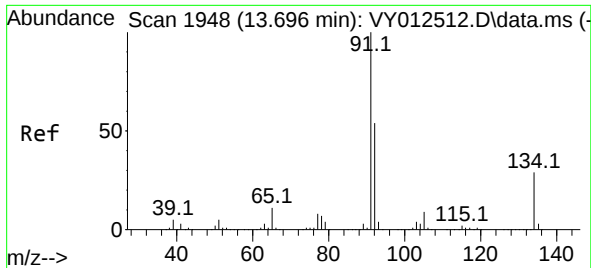
Ion Ratio Lower Upper

146 100

111 37.2 18.4 55.2

148 63.7 31.6 95.0

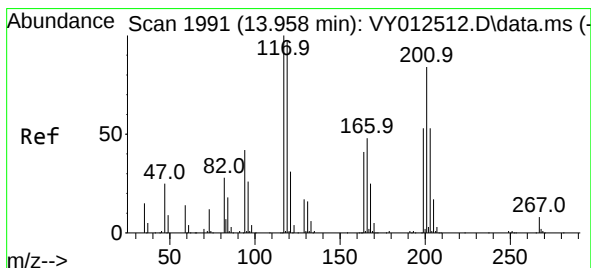
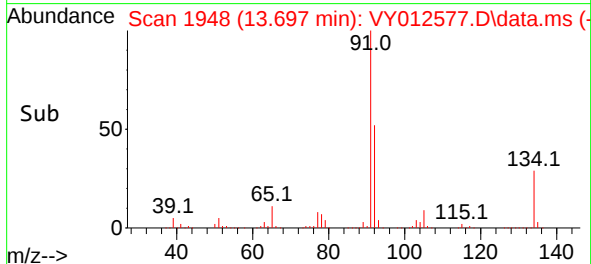
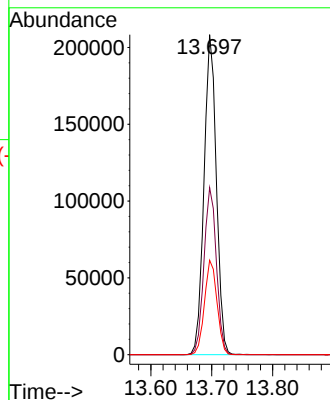
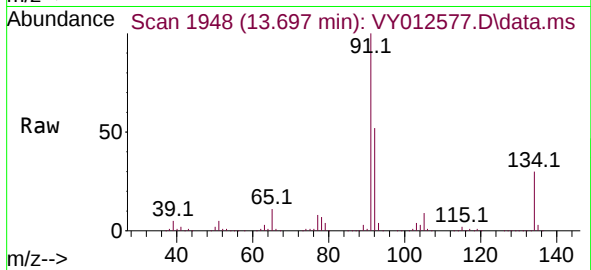




#89
n-Butylbenzene
Concen: 50.489 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY012577.D
Acq: 14 Feb 2023 09:52

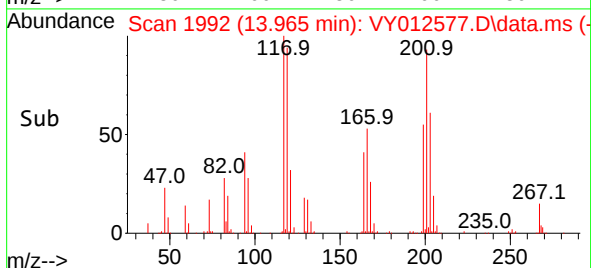
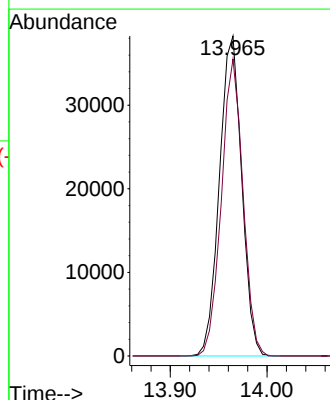
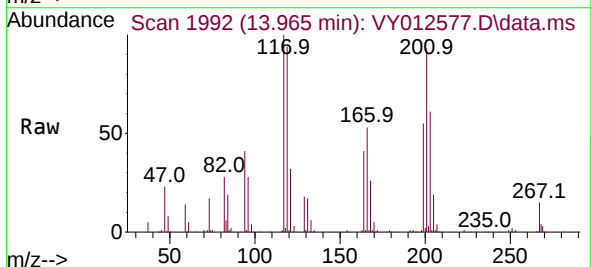
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

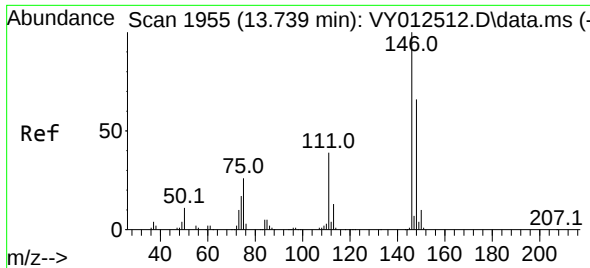
Tgt Ion: 91 Resp: 294299
Ion Ratio Lower Upper
91 100
92 52.8 26.6 79.7
134 29.9 14.5 43.5



#90
Hexachloroethane
Concen: 48.816 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY012577.D
Acq: 14 Feb 2023 09:52

Tgt Ion: 117 Resp: 61110
Ion Ratio Lower Upper
117 100
201 89.7 43.9 131.7

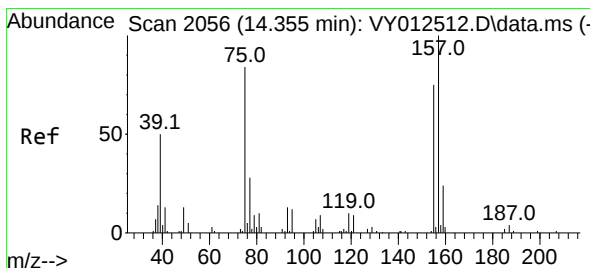
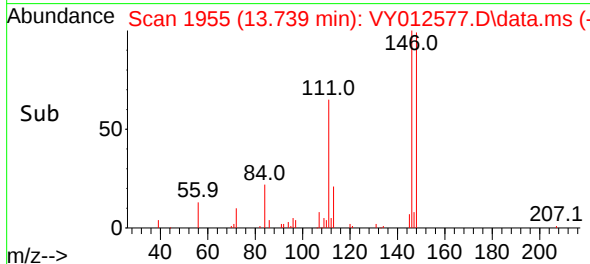
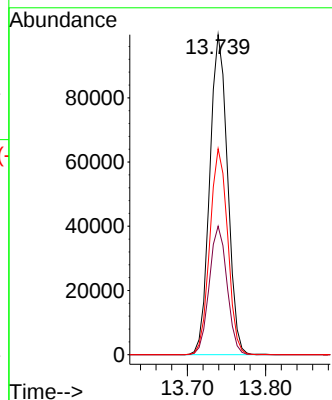
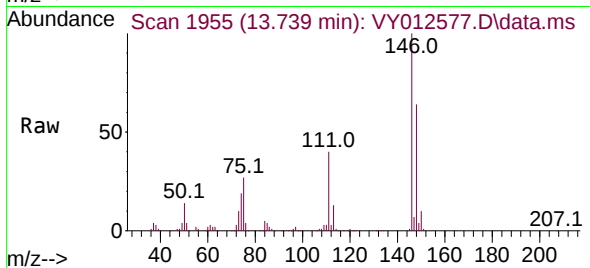




#91
1,2-Dichlorobenzene
Concen: 49.796 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY012577.D
Acq: 14 Feb 2023 09:52

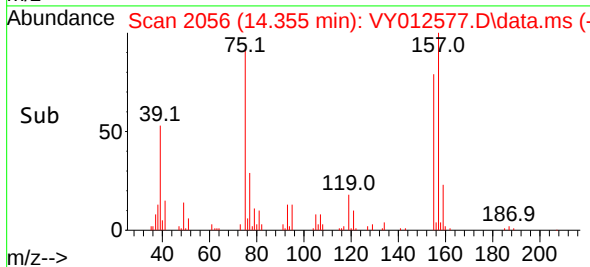
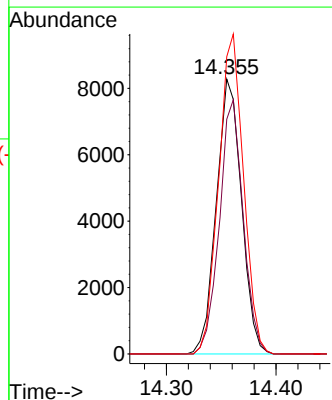
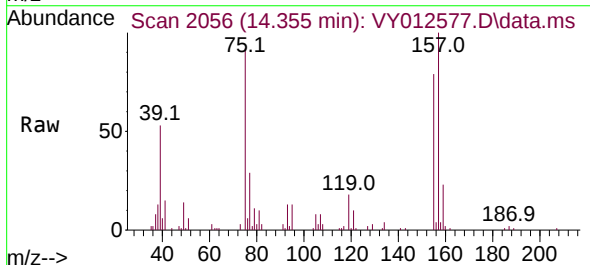
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

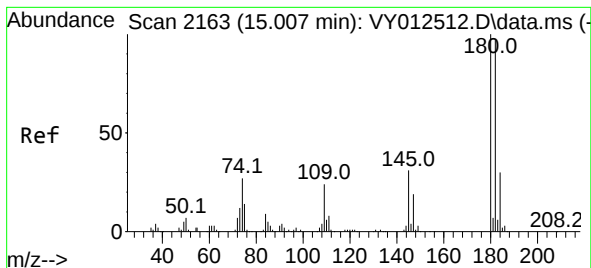
Tgt Ion:146 Resp: 157263
Ion Ratio Lower Upper
146 100
111 40.0 19.7 59.1
148 64.4 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 56.271 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY012577.D
Acq: 14 Feb 2023 09:52

Tgt Ion: 75 Resp: 13181
Ion Ratio Lower Upper
75 100
155 87.6 46.5 139.3
157 115.1 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 53.095 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY012577.D

Acq: 14 Feb 2023 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

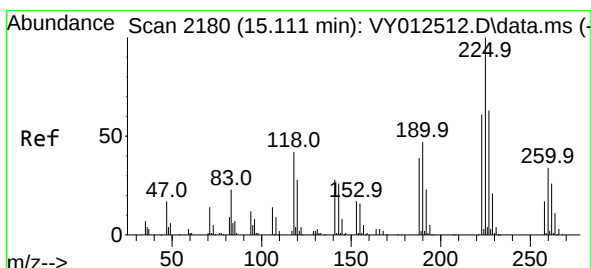
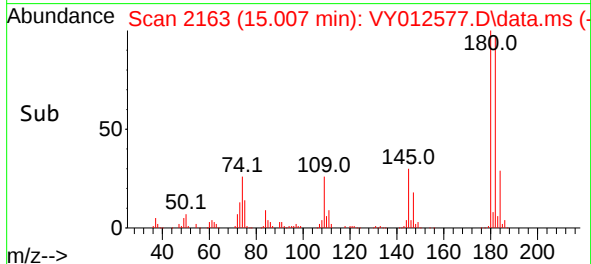
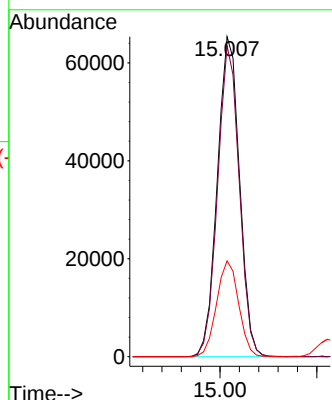
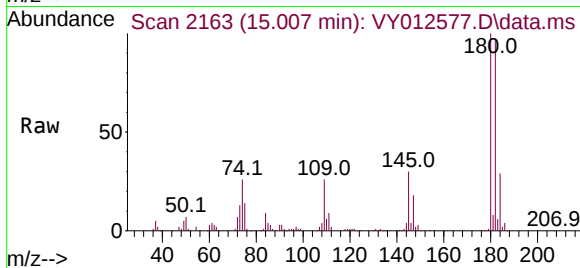
Tgt Ion:180 Resp: 103898

Ion Ratio Lower Upper

180 100

182 94.7 47.7 143.1

145 29.8 15.4 46.4



#94

Hexachlorobutadiene

Concen: 50.629 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY012577.D

Acq: 14 Feb 2023 09:52

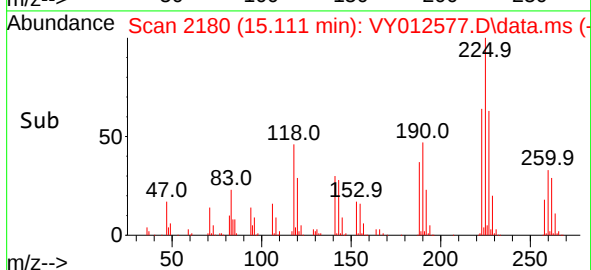
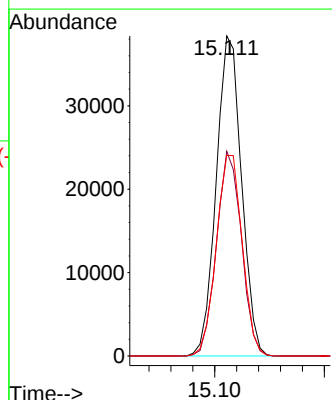
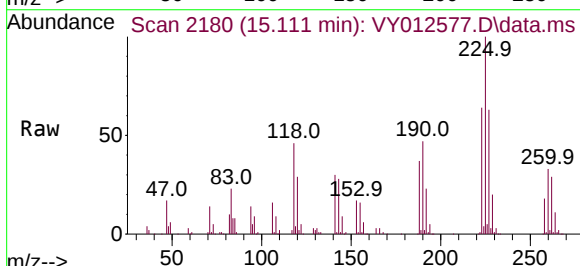
Tgt Ion:225 Resp: 61547

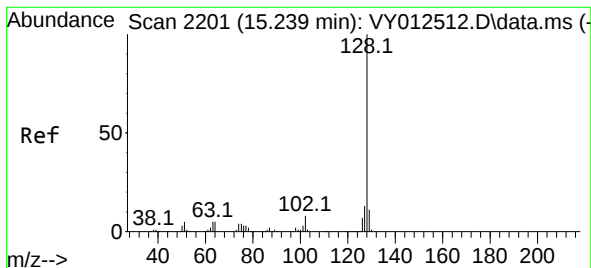
Ion Ratio Lower Upper

225 100

223 62.9 31.1 93.3

227 64.4 31.9 95.5





#95

Naphthalene

Concen: 57.255 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY012577.D

Acq: 14 Feb 2023 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

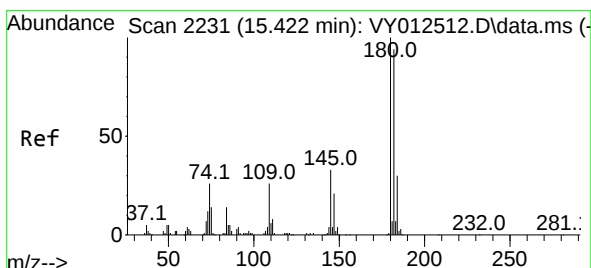
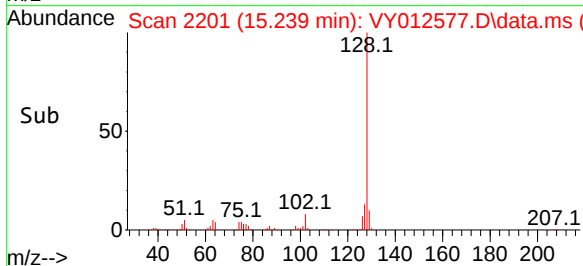
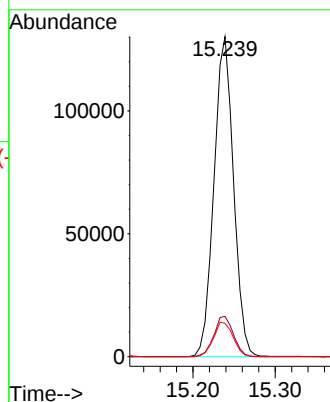
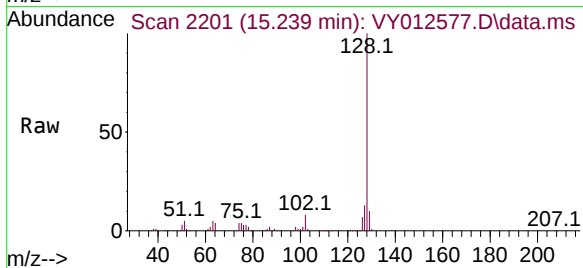
Tgt Ion:128 Resp: 215081

Ion Ratio Lower Upper

128 100

127 12.6 10.4 15.6

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 54.316 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY012577.D

Acq: 14 Feb 2023 09:52

Tgt Ion:180 Resp: 92003

Ion Ratio Lower Upper

180 100

182 94.7 47.4 142.2

145 31.6 16.2 48.6

