

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010423\
 Data File : VY012062.D
 Acq On : 04 Jan 2023 11:12
 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: Jan 05 00:28:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	199353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	296598	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	271023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	144486	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	97716	48.653	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.300%
35) Dibromofluoromethane	7.716	113	89945	50.372	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.740%
50) Toluene-d8	10.179	98	345368	47.672	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.340%
62) 4-Bromofluorobenzene	12.483	95	133594	54.830	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.660%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	78879	49.629	ug/l	98
3) Chloromethane	2.113	50	76833	43.304	ug/l	100
4) Vinyl Chloride	2.253	62	89693	45.840	ug/l	98
5) Bromomethane	2.650	94	65184	46.826	ug/l	95
6) Chloroethane	2.796	64	60724	47.479	ug/l	99
7) Trichlorofluoromethane	3.125	101	170622	49.813	ug/l	98
8) Diethyl Ether	3.527	74	55190	52.221	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.899	101	92248	48.923	ug/l	97
10) Methyl Iodide	4.094	142	124963	47.901	ug/l	97
11) Tert butyl alcohol	4.954	59	46824	235.902	ug/l	98
12) 1,1-Dichloroethene	3.869	96	90413	47.937	ug/l	98
13) Acrolein	3.729	56	40696	216.760	ug/l	99
14) Allyl chloride	4.479	41	128619	46.307	ug/l	94
15) Acrylonitrile	5.161	53	132763	270.051	ug/l	100
16) Acetone	3.948	43	136124	227.461	ug/l	98
17) Carbon Disulfide	4.198	76	235034	39.065	ug/l	100
18) Methyl Acetate	4.472	43	71081	51.218	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	270557	55.908	ug/l	98
20) Methylene Chloride	4.716	84	109304	46.929	ug/l	93
21) trans-1,2-Dichloroethene	5.216	96	101074	47.163	ug/l	94
22) Diisopropyl ether	6.112	45	272505	49.815	ug/l	94
23) Vinyl Acetate	6.057	43	819431	260.360	ug/l	96
24) 1,1-Dichloroethane	6.015	63	172188	48.424	ug/l	98
25) 2-Butanone	6.984	43	167331	250.111	ug/l	94
26) 2,2-Dichloropropane	6.978	77	172629	49.614	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	118051	50.930	ug/l	95
28) Bromochloromethane	7.332	49	42152	43.199	ug/l	84
29) Tetrahydrofuran	7.344	42	96833	255.459	ug/l	91
30) Chloroform	7.502	83	195264	50.948	ug/l	99
31) Cyclohexane	7.783	56	139299	41.199	ug/l	90
32) 1,1,1-Trichloroethane	7.704	97	185187	50.800	ug/l	99
36) 1,1-Dichloropropene	7.917	75	138083	48.211	ug/l	98
37) Ethyl Acetate	7.069	43	69329	53.952	ug/l	96
38) Carbon Tetrachloride	7.899	117	173179	52.354	ug/l	98
39) Methylcyclohexane	9.185	83	161865	46.967	ug/l	95
40) Benzene	8.161	78	406245	49.562	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	94745	152.473	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	128158	54.313	ug/l	100
43) Isopropyl Acetate	8.271	43	125274	53.379	ug/l	95
44) Trichloroethene	8.941	130	117456	50.839	ug/l	97
45) 1,2-Dichloropropane	9.215	63	94930	50.126	ug/l	100
46) Dibromomethane	9.301	93	58014	53.181	ug/l	98
47) Bromodichloromethane	9.496	83	148349	53.603	ug/l	100
48) Methyl methacrylate	9.289	41	58159	53.522	ug/l	94
49) 1,4-Dioxane	9.295	88	15586	1196.672	ug/l	99
51) 4-Methyl-2-Pentanone	10.069	43	341330	272.756	ug/l	97
52) Toluene	10.246	92	267703	51.262	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	152736	54.617	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	168629	53.645	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	84512	54.593	ug/l	97
56) Ethyl methacrylate	10.508	69	110739	56.500	ug/l	97
57) 1,3-Dichloropropane	10.788	76	139335	53.935	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	200584	265.214	ug/l	94
59) 2-Hexanone	10.831	43	249115	270.591	ug/l	97
60) Dibromochloromethane	10.983	129	110250	56.535	ug/l	98
61) 1,2-Dibromoethane	11.087	107	79591	54.955	ug/l	99
64) Tetrachloroethene	10.721	164	123663	52.128	ug/l	96
65) Chlorobenzene	11.514	112	289902	51.516	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	114322	54.602	ug/l	98
67) Ethyl Benzene	11.593	91	519943	51.115	ug/l	99
68) m/p-Xylenes	11.703	106	412969	104.391	ug/l	98
69) o-Xylene	12.026	106	195953	53.236	ug/l	98
70) Styrene	12.044	104	335860	54.343	ug/l	99
71) Bromoform	12.209	173	71782	57.859	ug/l	98
73) Isopropylbenzene	12.331	105	525978	49.057	ug/l	99
74) N-amyl acetate	12.142	43	111841	50.881	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	90218	50.439	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	129180	71.851	ug/l #	100
77) Bromobenzene	12.611	156	126389	50.953	ug/l	94
78) n-propylbenzene	12.672	91	619679	48.083	ug/l	99
79) 2-Chlorotoluene	12.758	91	353519	48.799	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	455934	49.668	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	35272	53.725	ug/l	97
82) 4-Chlorotoluene	12.855	91	366979	48.960	ug/l	99
83) tert-Butylbenzene	13.075	119	393347	50.561	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	449147	49.735	ug/l	99
85) sec-Butylbenzene	13.251	105	571627	49.206	ug/l	98
86) p-Isopropyltoluene	13.367	119	499215	50.929	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	249188	49.952	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	249392	50.288	ug/l	99
89) n-Butylbenzene	13.696	91	438562	49.423	ug/l	99
90) Hexachloroethane	13.959	117	90973	48.640	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	225040	51.745	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	17388	56.567	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	143420	56.061	ug/l	99
94) Hexachlorobutadiene	15.111	225	86267	52.186	ug/l	98
95) Naphthalene	15.239	128	291321	54.483	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	124674	57.640	ug/l	100

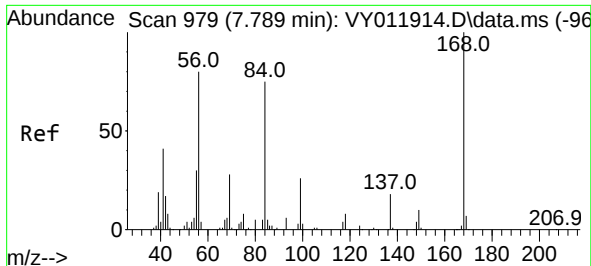
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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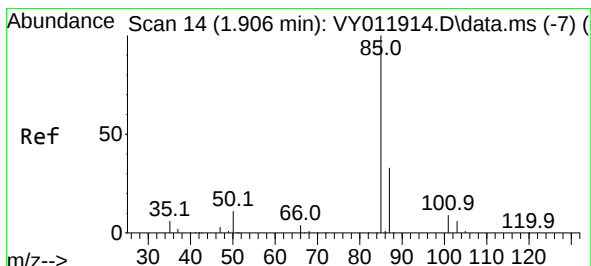
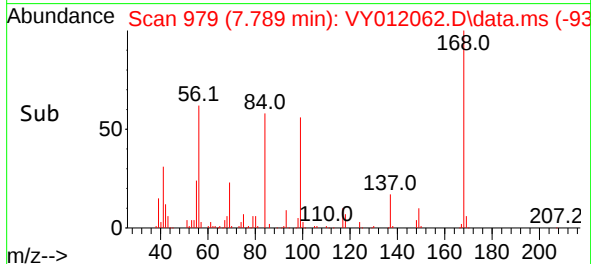
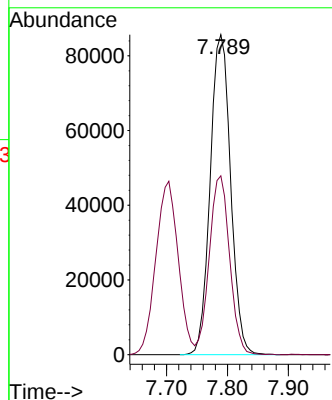
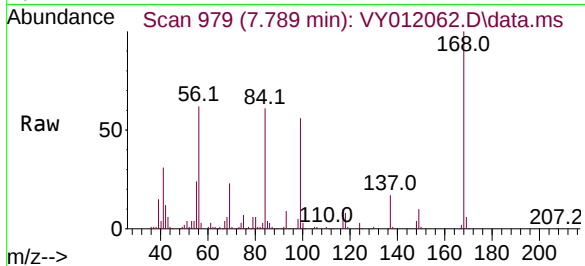
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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Acq: 04 Jan 2023 11:12

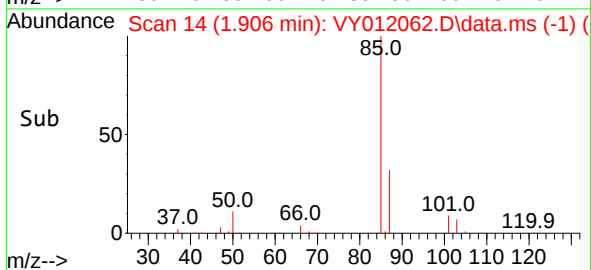
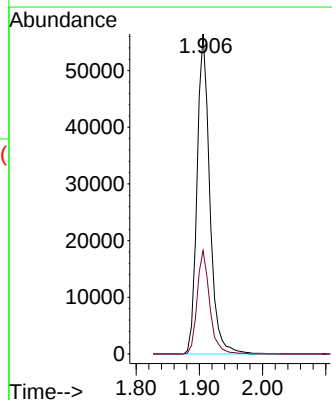
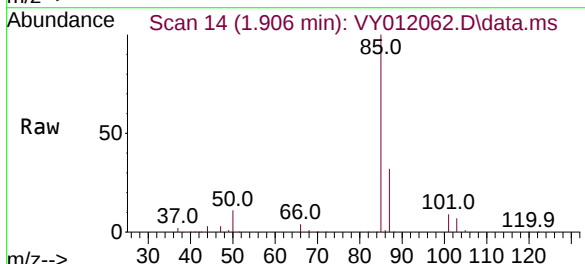
Instrument :
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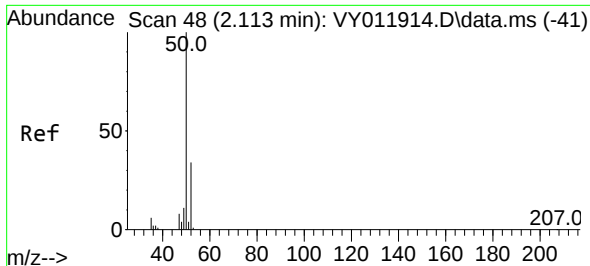
Tgt Ion:168 Resp: 199353
Ion Ratio Lower Upper
168 100
99 55.9 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 49.629 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012062.D
Acq: 04 Jan 2023 11:12

Tgt Ion: 85 Resp: 78879
Ion Ratio Lower Upper
85 100
87 32.3 16.8 50.4

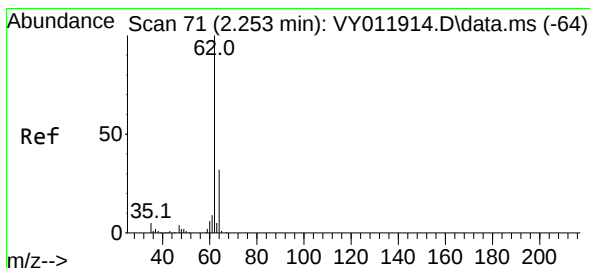
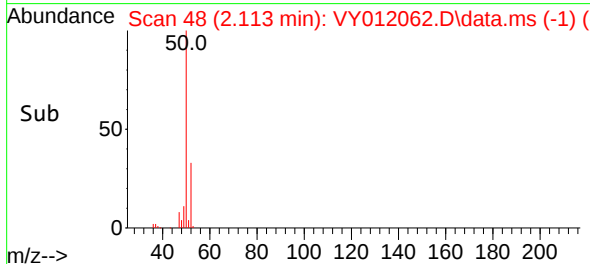
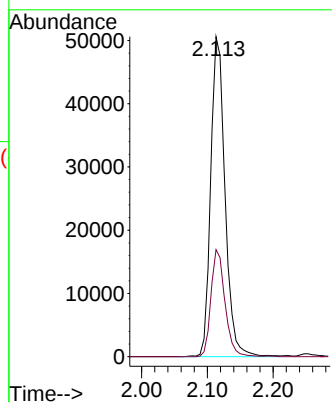
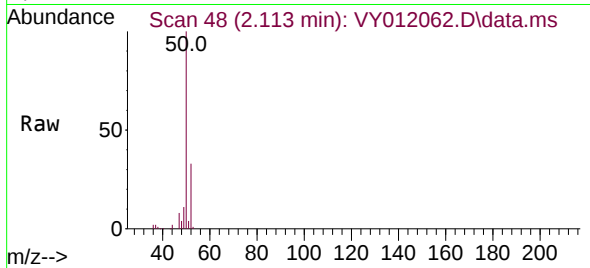




#3
Chloromethane
Concen: 43.304 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012062.D
Acq: 04 Jan 2023 11:12

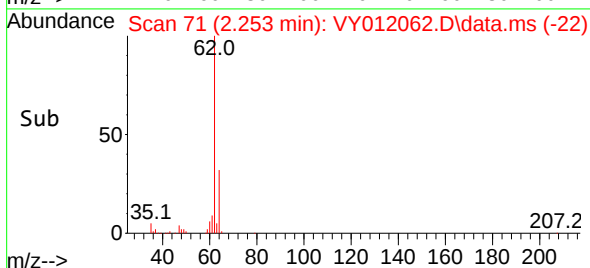
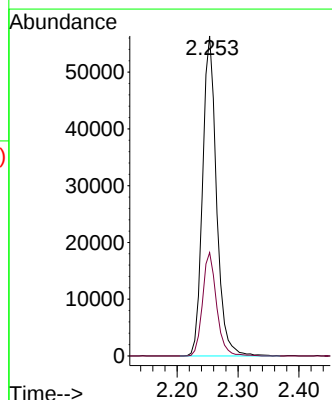
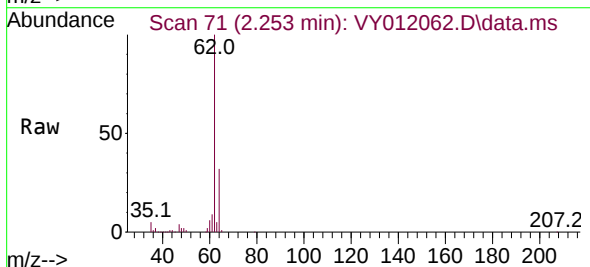
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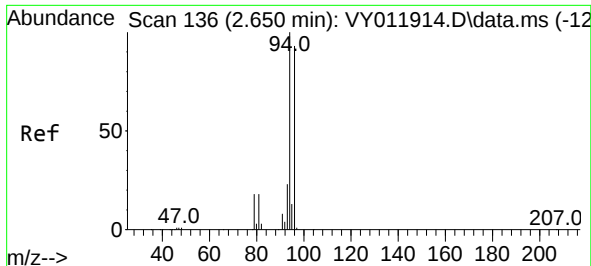
Tgt Ion: 50 Resp: 76833
Ion Ratio Lower Upper
50 100
52 33.5 26.8 40.2



#4
Vinyl Chloride
Concen: 45.840 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012062.D
Acq: 04 Jan 2023 11:12

Tgt Ion: 62 Resp: 89693
Ion Ratio Lower Upper
62 100
64 32.3 25.0 37.6

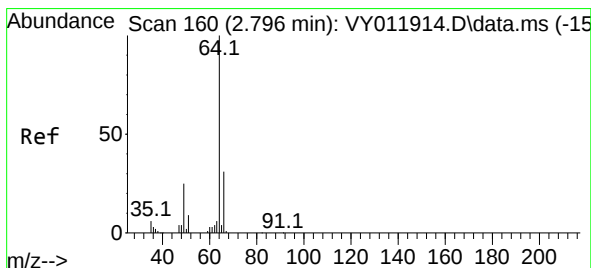
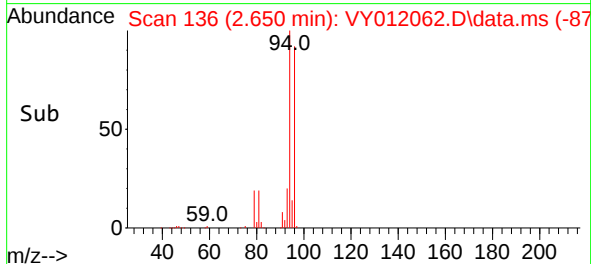
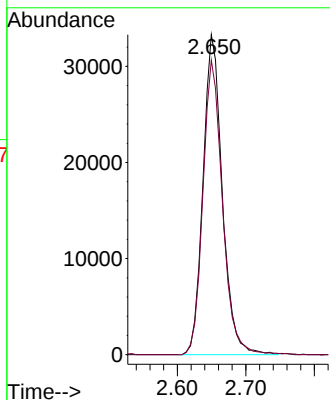
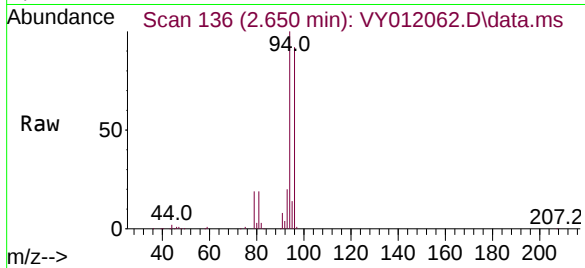




#5
Bromomethane
Concen: 46.826 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012062.D
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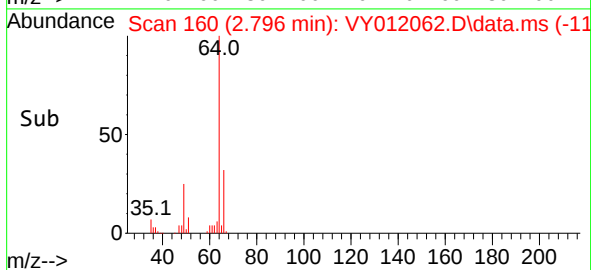
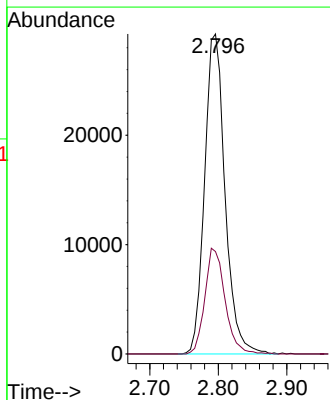
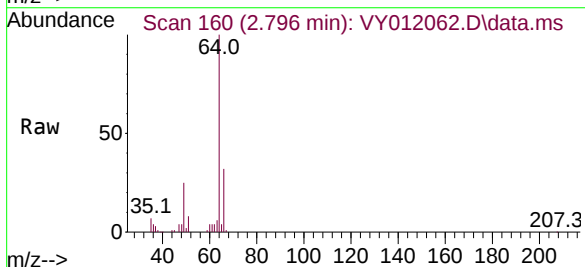
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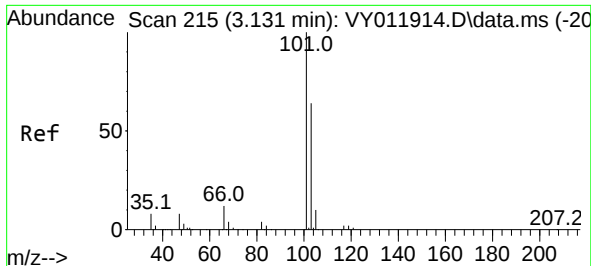
Tgt Ion: 94 Resp: 65184
Ion Ratio Lower Upper
94 100
96 92.1 77.4 116.2



#6
Chloroethane
Concen: 47.479 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY012062.D
Acq: 04 Jan 2023 11:12

Tgt Ion: 64 Resp: 60724
Ion Ratio Lower Upper
64 100
66 32.0 25.0 37.4

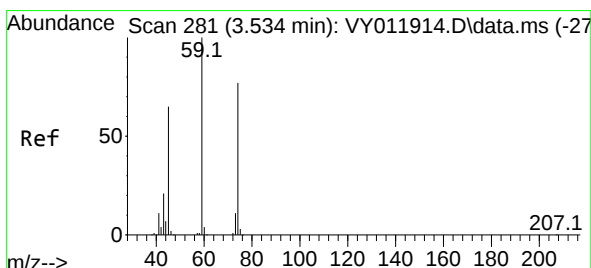
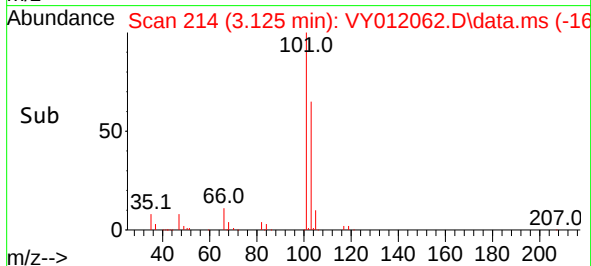
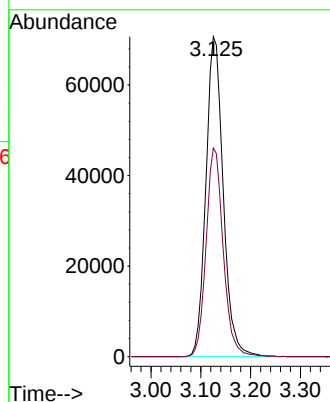
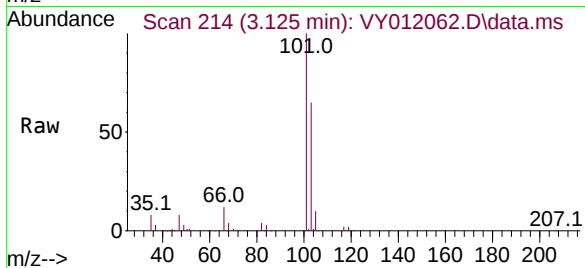




#7
Trichlorofluoromethane
Concen: 49.813 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY012062.D
Acq: 04 Jan 2023 11:12

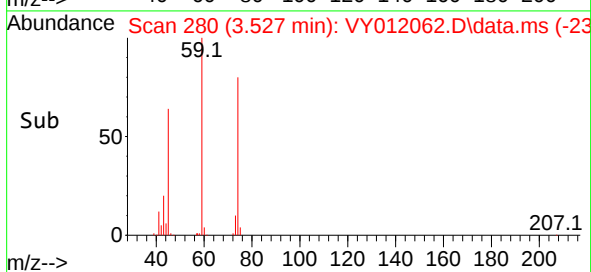
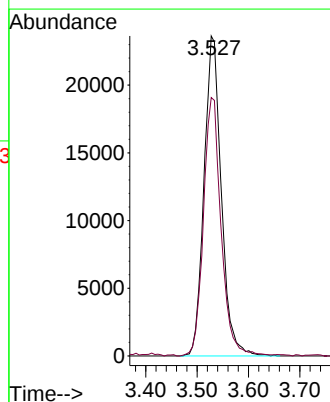
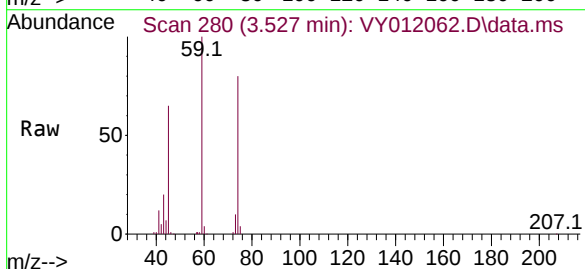
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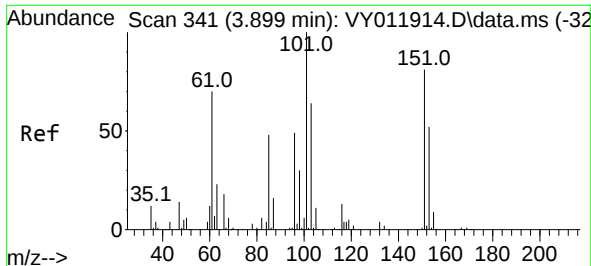
Tgt Ion:101 Resp: 170622
Ion Ratio Lower Upper
101 100
103 65.2 51.0 76.6



#8
Diethyl Ether
Concen: 52.221 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.001 min
Lab File: VY012062.D
Acq: 04 Jan 2023 11:12

Tgt Ion: 74 Resp: 55190
Ion Ratio Lower Upper
74 100
45 82.7 46.8 140.3

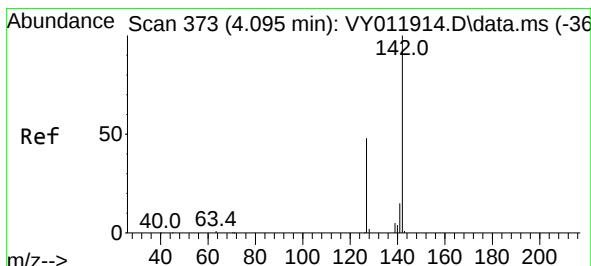
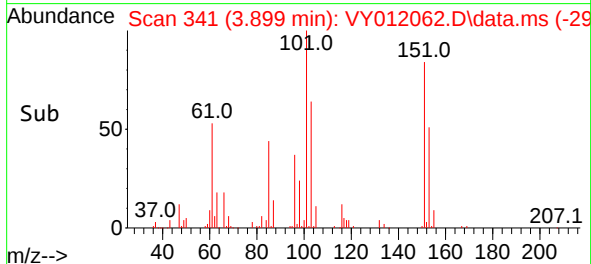
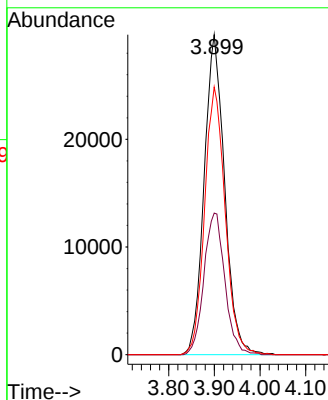
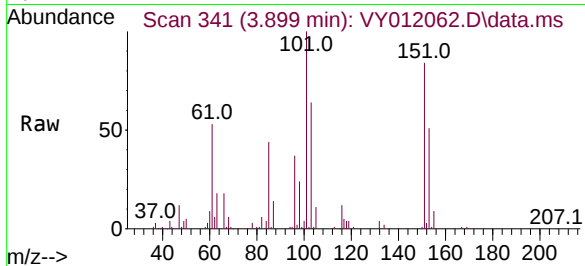




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.923 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
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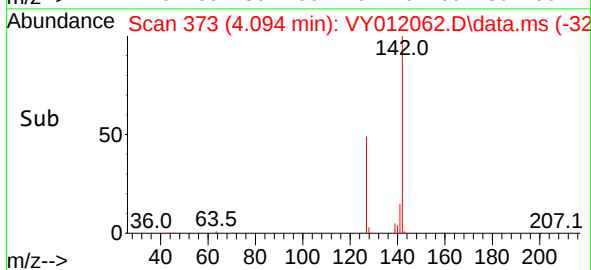
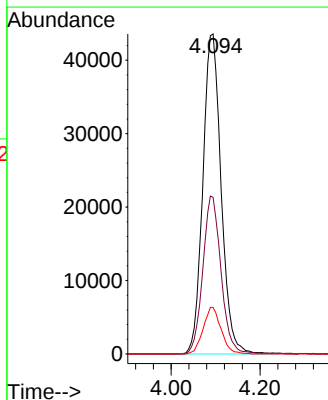
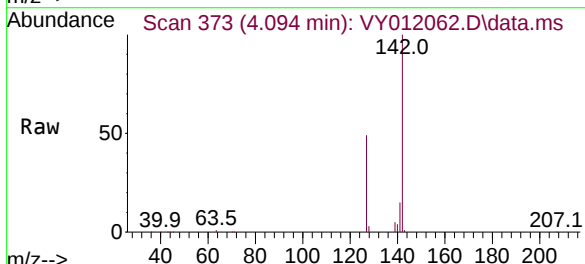
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

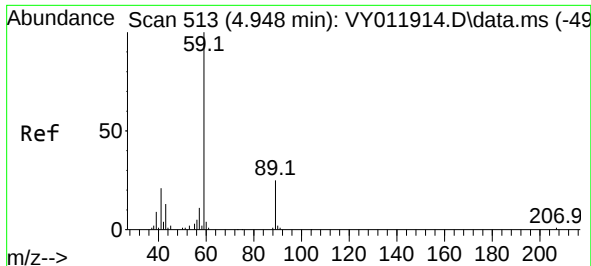
Tgt Ion:	101	Resp:	92248
Ion	Ratio	Lower	Upper
101	100		
85	45.3	36.2	54.2
151	84.6	64.2	96.2



#10
Methyl Iodide
Concen: 47.901 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.001 min
Lab File: VY012062.D
Acq: 04 Jan 2023 11:12

Tgt Ion:	142	Resp:	124963
Ion	Ratio	Lower	Upper
142	100		
127	49.0	37.0	55.4
141	14.3	11.4	17.0

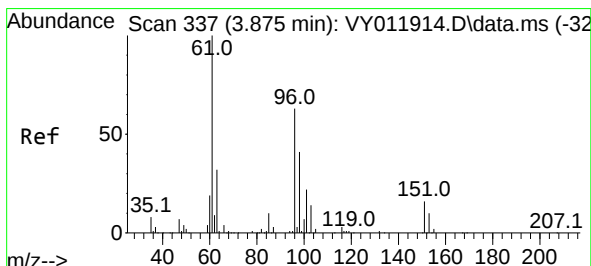
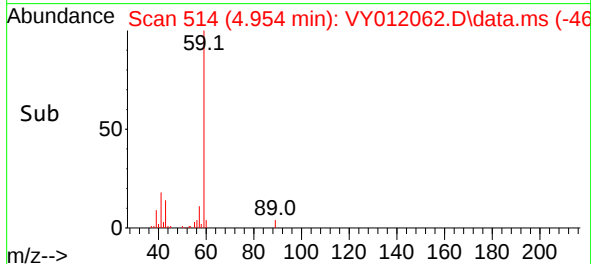
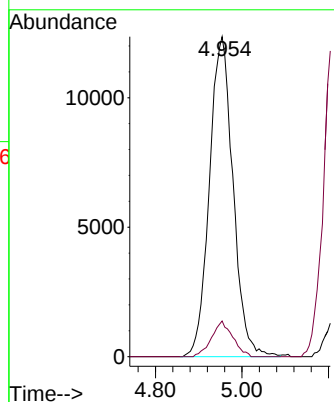
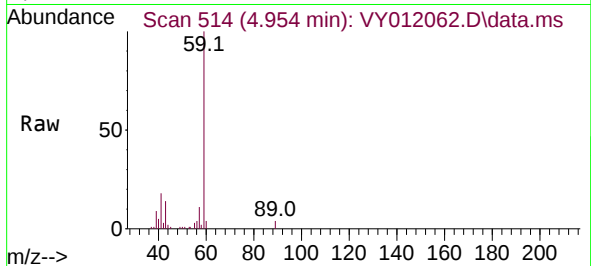




#11
Tert butyl alcohol
Concen: 235.902 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY012062.D
Acq: 04 Jan 2023 11:12

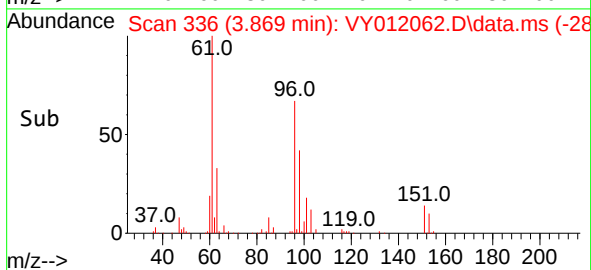
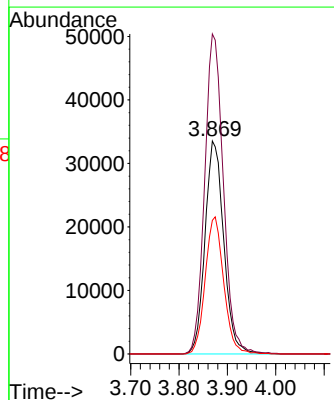
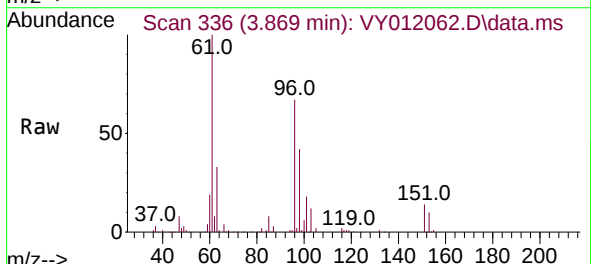
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

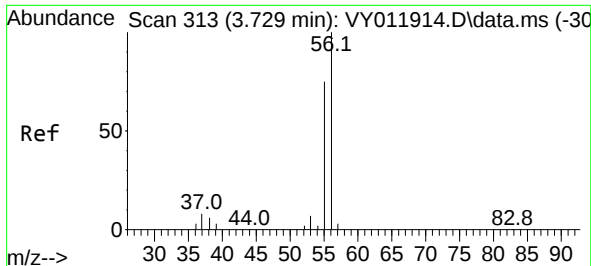
Tgt Ion: 59 Resp: 46824
Ion Ratio Lower Upper
59 100
57 9.9 7.4 11.2



#12
1,1-Dichloroethene
Concen: 47.937 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY012062.D
Acq: 04 Jan 2023 11:12

Tgt Ion: 96 Resp: 90413
Ion Ratio Lower Upper
96 100
61 150.3 122.0 183.0
98 62.8 48.6 73.0

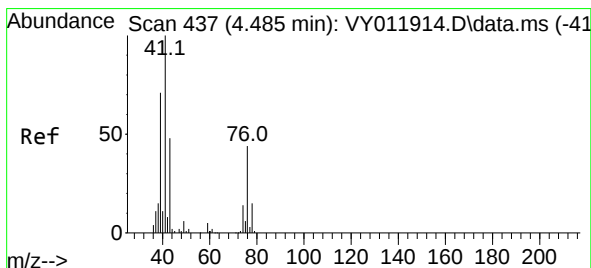
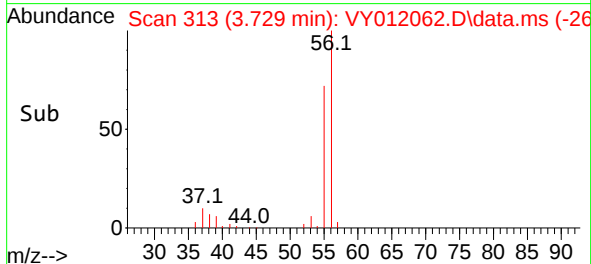
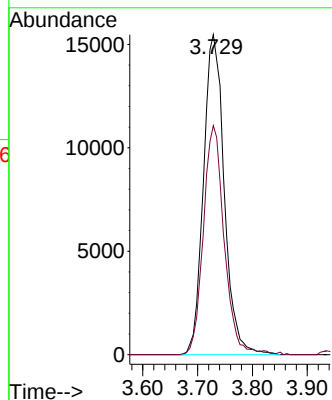
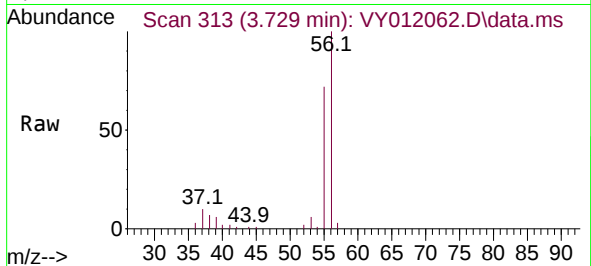




#13
Acrolein
Concen: 216.760 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY012062.D
Acq: 04 Jan 2023 11:12

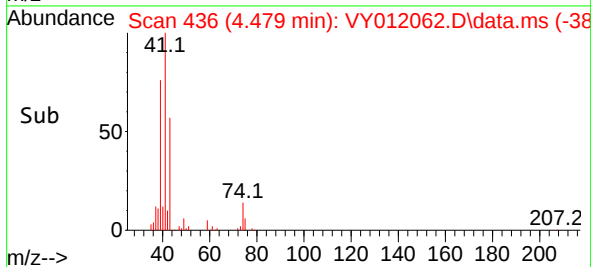
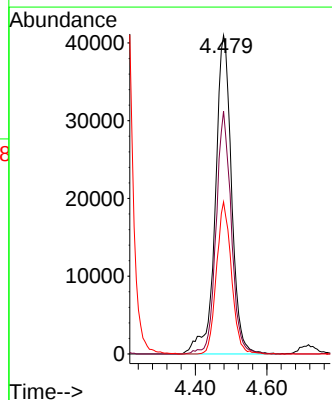
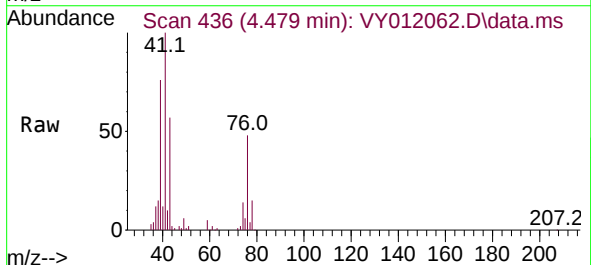
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

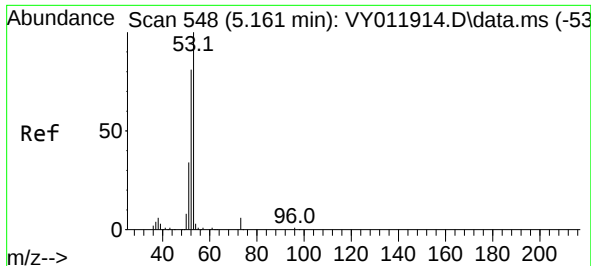
Tgt Ion: 56 Resp: 40696
Ion Ratio Lower Upper
56 100
55 71.6 56.6 85.0



#14
Allyl chloride
Concen: 46.307 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY012062.D
Acq: 04 Jan 2023 11:12

Tgt Ion: 41 Resp: 128619
Ion Ratio Lower Upper
41 100
39 71.3 53.5 80.3
76 43.9 31.1 46.7

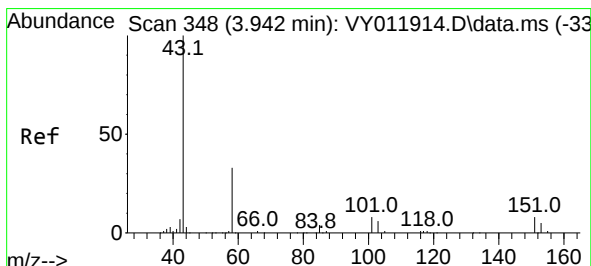
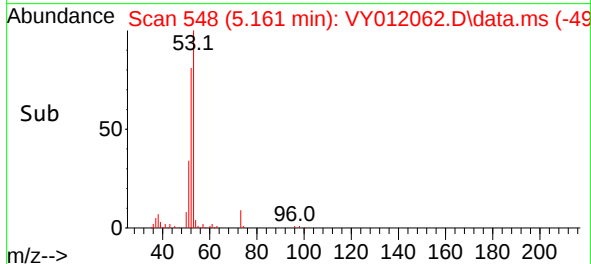
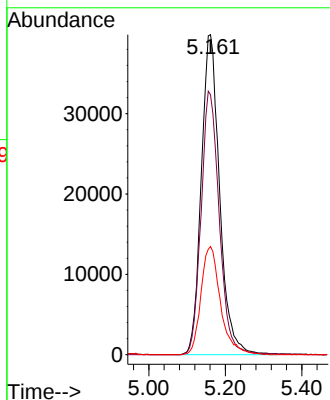
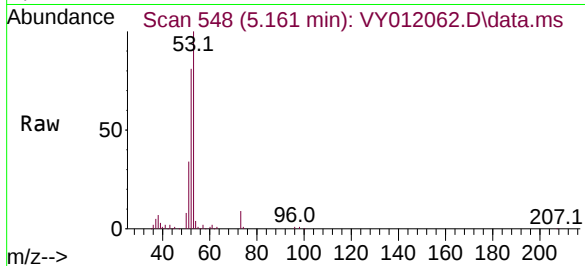




#15
Acrylonitrile
Concen: 270.051 ug/l
RT: 5.161 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY012062.D
Acq: 04 Jan 2023 11:12

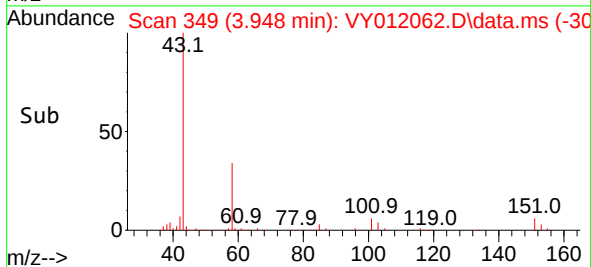
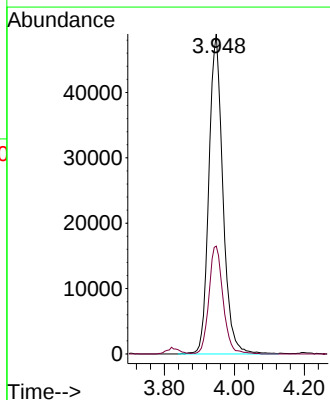
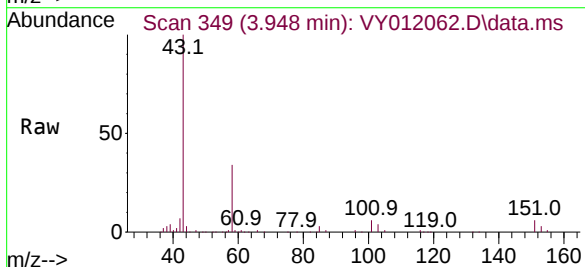
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

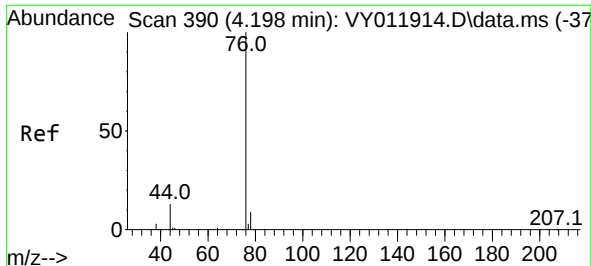
Tgt Ion: 53 Resp: 132763
Ion Ratio Lower Upper
53 100
52 81.4 65.1 97.7
51 35.9 28.7 43.1



#16
Acetone
Concen: 227.461 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY012062.D
Acq: 04 Jan 2023 11:12

Tgt Ion: 43 Resp: 136124
Ion Ratio Lower Upper
43 100
58 33.7 27.9 41.9

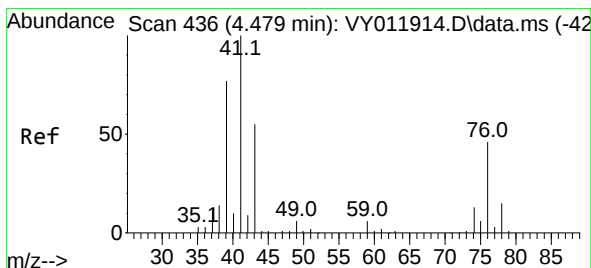
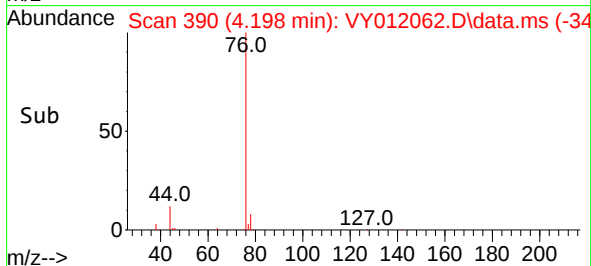
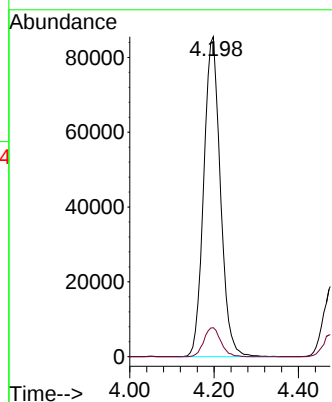
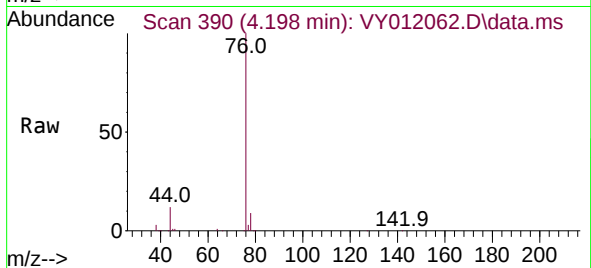




#17
Carbon Disulfide
Concen: 39.065 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.000 min
Lab File: VY012062.D
Acq: 04 Jan 2023 11:12

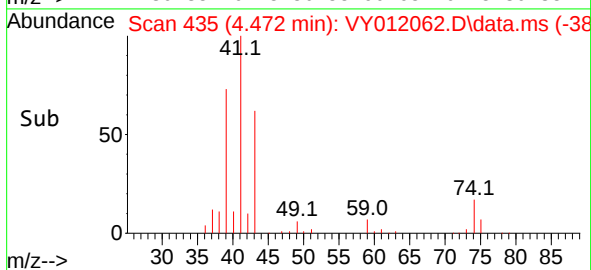
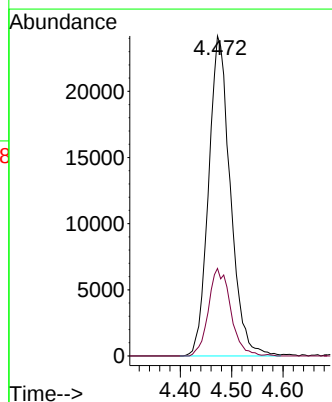
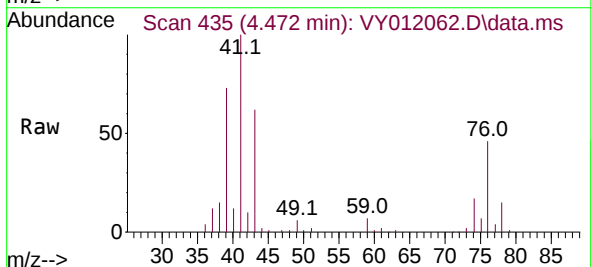
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

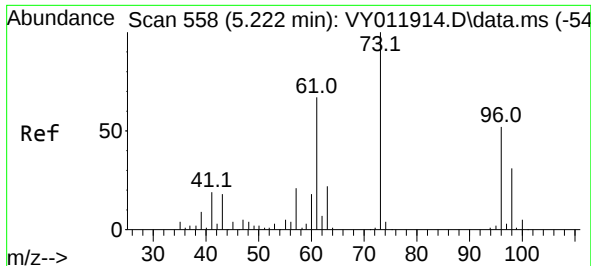
Tgt Ion: 76 Resp: 235034
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 51.218 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.007 min
Lab File: VY012062.D
Acq: 04 Jan 2023 11:12

Tgt Ion: 43 Resp: 71081
Ion Ratio Lower Upper
43 100
74 27.8 20.1 30.1





#19

Methyl tert-butyl Ether

Concen: 55.908 ug/l

RT: 5.222 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY012062.D

Acq: 04 Jan 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

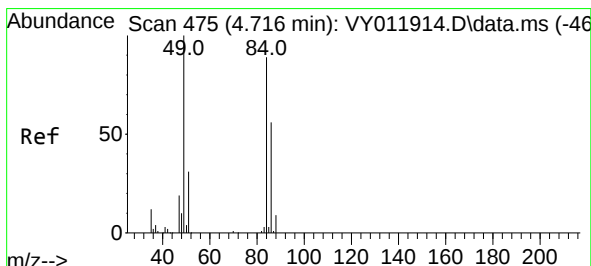
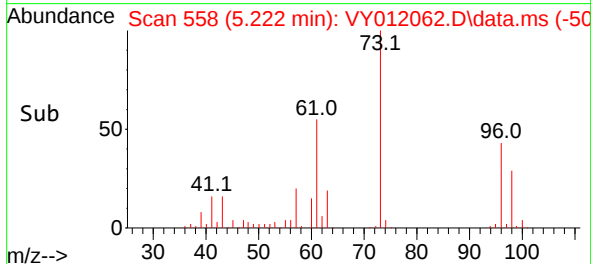
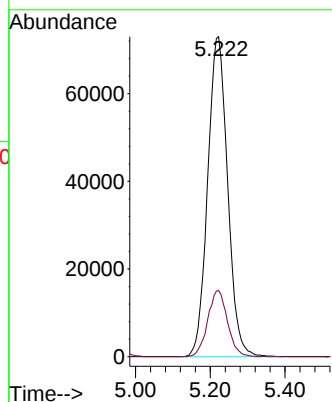
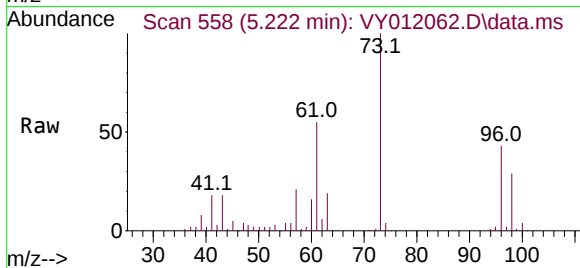
VSTDCCC050

Tgt Ion: 73 Resp: 270557

Ion Ratio Lower Upper

73 100

57 20.7 17.4 26.0



#20

Methylene Chloride

Concen: 46.929 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY012062.D

Acq: 04 Jan 2023 11:12

Tgt Ion: 84 Resp: 109304

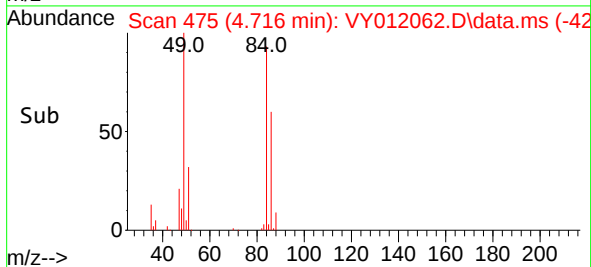
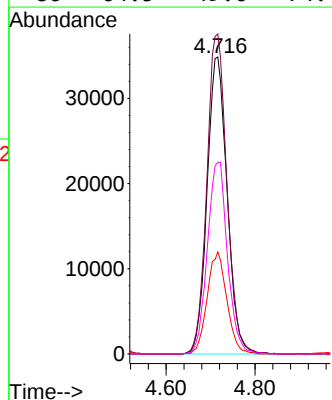
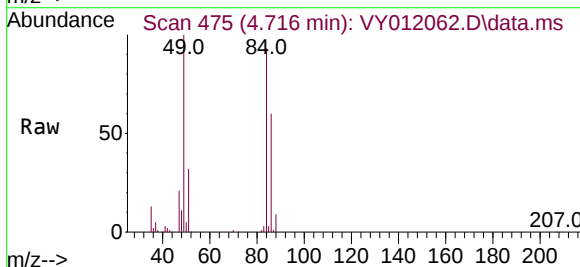
Ion Ratio Lower Upper

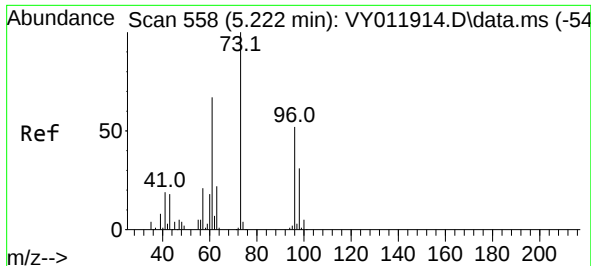
84 100

49 107.8 95.4 143.2

51 34.3 29.9 44.9

86 64.5 49.6 74.4

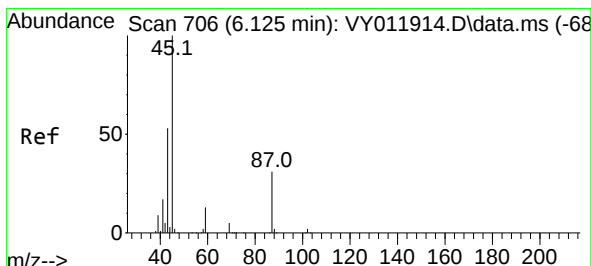
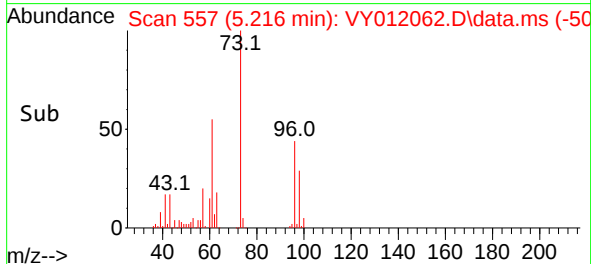
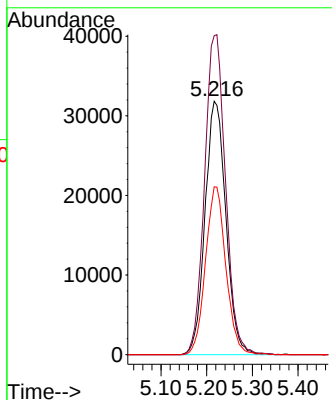
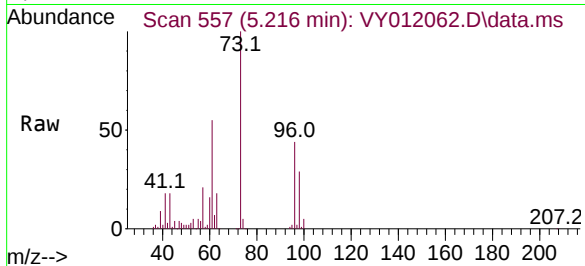




#21
trans-1,2-Dichloroethene
Concen: 47.163 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY012062.D
Acq: 04 Jan 2023 11:12

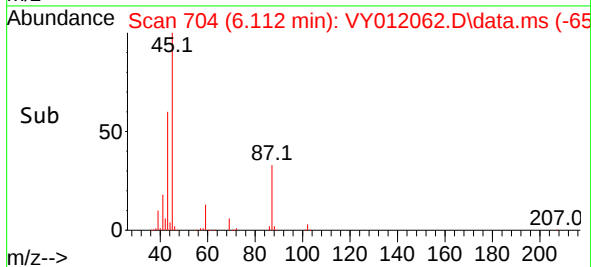
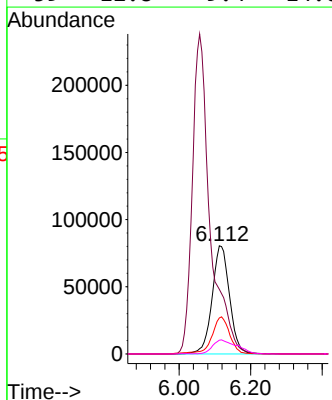
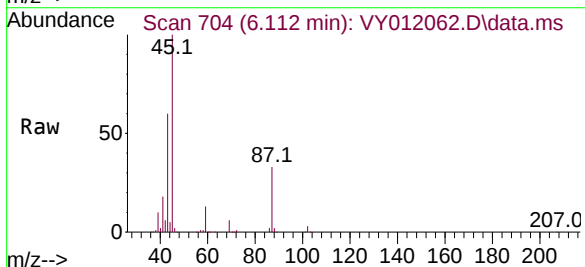
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

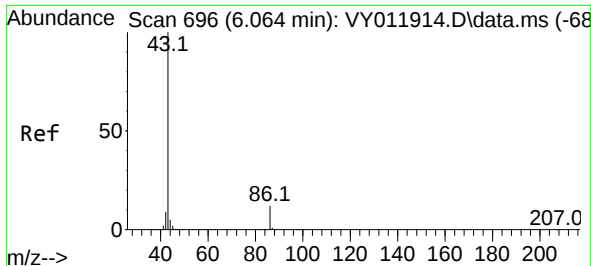
Tgt Ion: 96 Resp: 101074
Ion Ratio Lower Upper
96 100
61 125.9 108.0 162.0
98 66.2 51.6 77.4



#22
Diisopropyl ether
Concen: 49.815 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY012062.D
Acq: 04 Jan 2023 11:12

Tgt Ion: 45 Resp: 272505
Ion Ratio Lower Upper
45 100
43 59.5 45.0 67.4
87 33.3 22.6 33.8
59 12.8 9.4 14.0

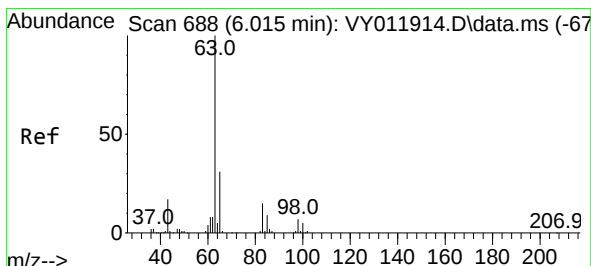
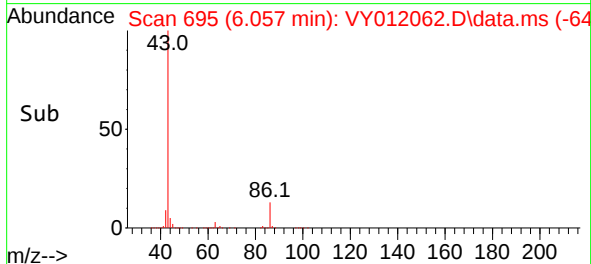
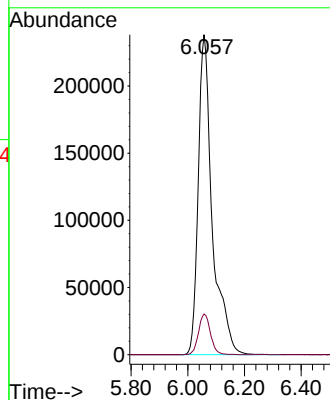
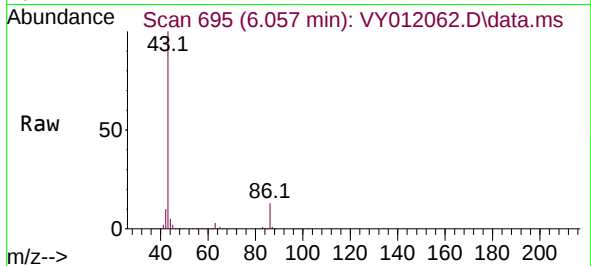




#23
 Vinyl Acetate
 Concen: 260.360 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY012062.D
 Acq: 04 Jan 2023 11:12

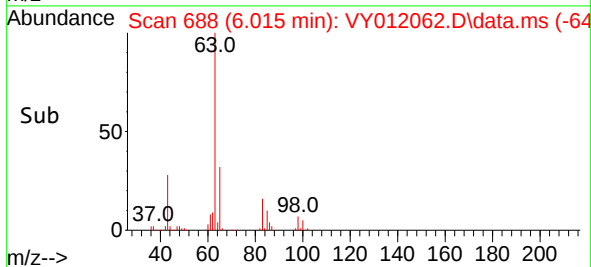
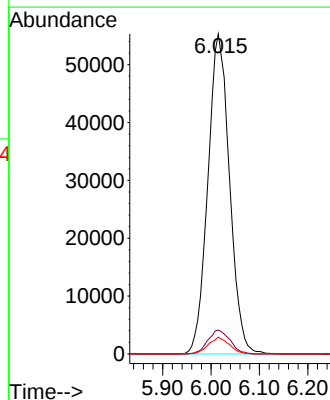
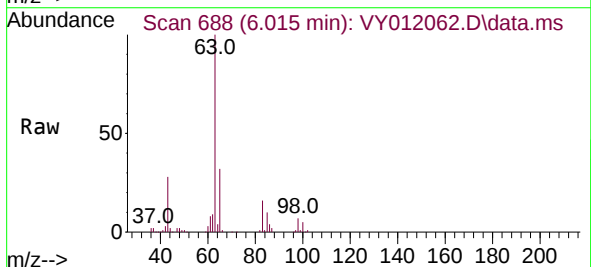
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

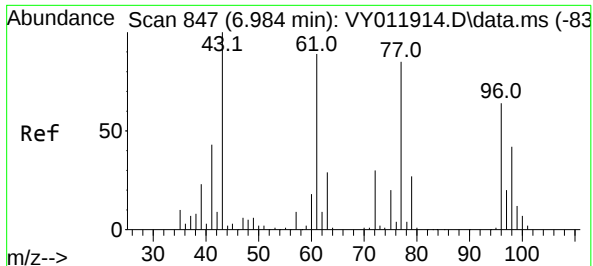
Tgt Ion: 43 Resp: 819431
 Ion Ratio Lower Upper
 43 100
 86 12.7 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 48.424 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY012062.D
 Acq: 04 Jan 2023 11:12

Tgt Ion: 63 Resp: 172188
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.5
 100 5.2 2.2 6.6





#25

2-Butanone

Concen: 250.111 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY012062.D

Acq: 04 Jan 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

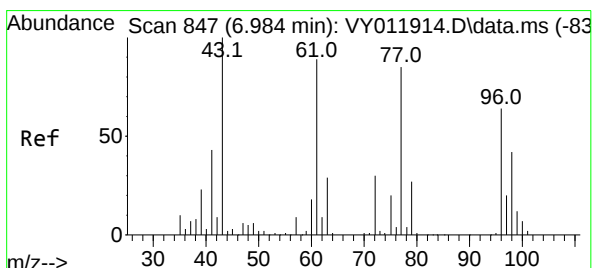
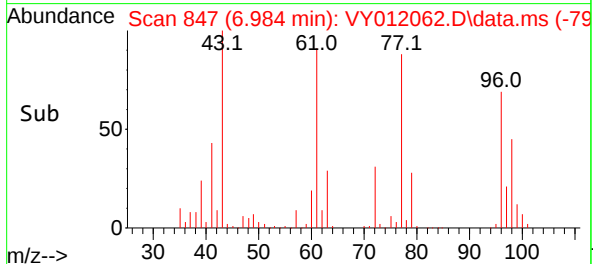
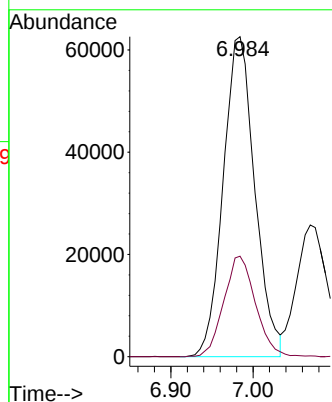
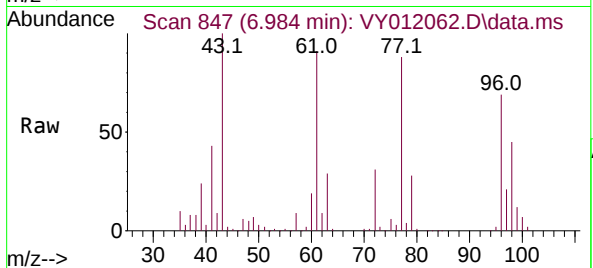
VSTDCCC050

Tgt Ion: 43 Resp: 167331

Ion Ratio Lower Upper

43 100

72 31.4 22.6 34.0



#26

2,2-Dichloropropane

Concen: 49.614 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY012062.D

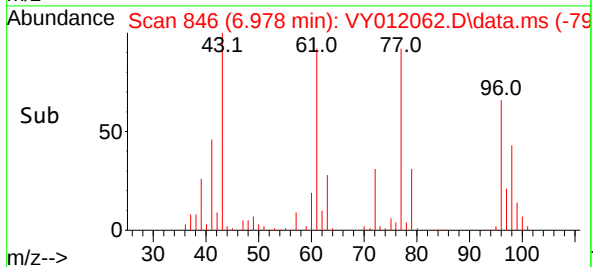
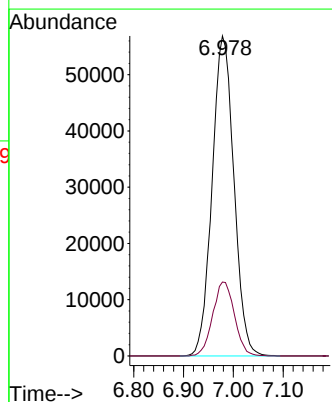
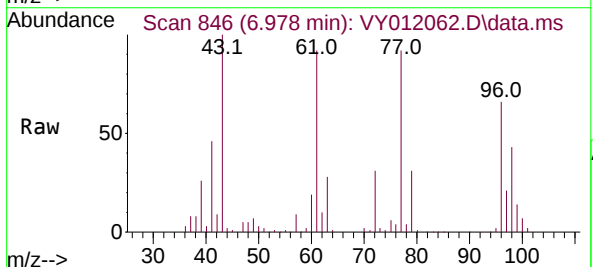
Acq: 04 Jan 2023 11:12

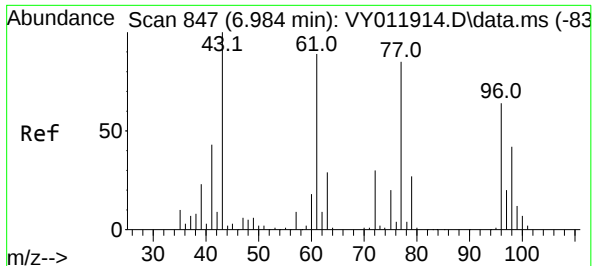
Tgt Ion: 77 Resp: 172629

Ion Ratio Lower Upper

77 100

97 23.0 11.4 34.1



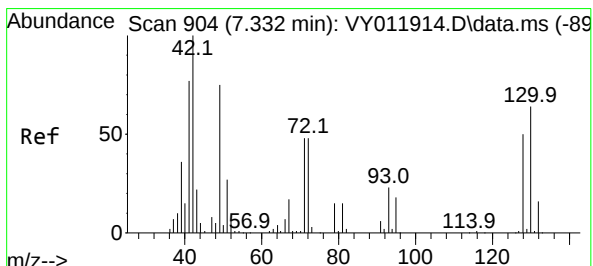
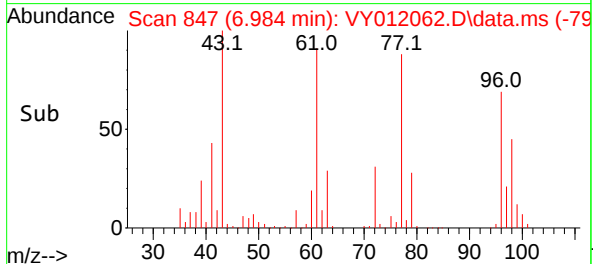
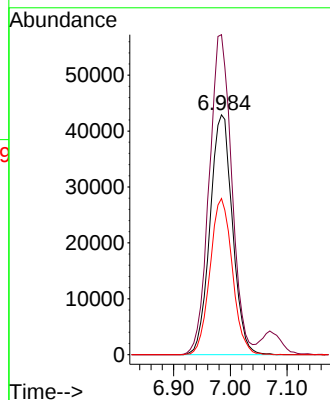
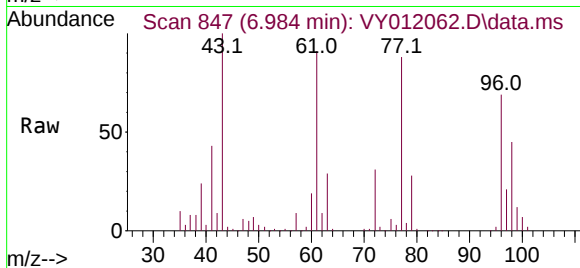


#27
 cis-1,2-Dichloroethene
 Concen: 50.930 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.000 min
 Lab File: VY012062.D
 Acq: 04 Jan 2023 11:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 118051

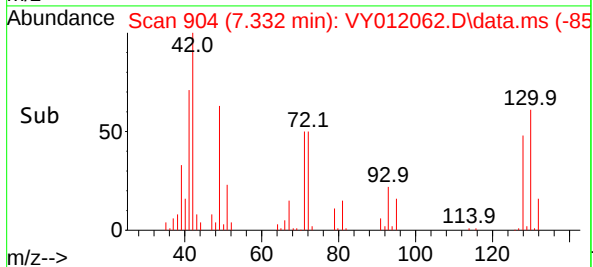
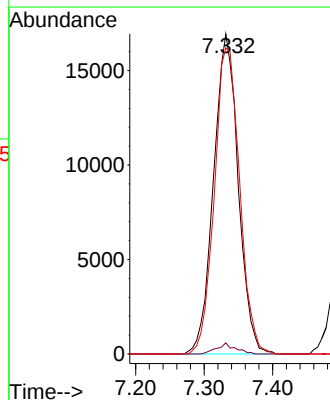
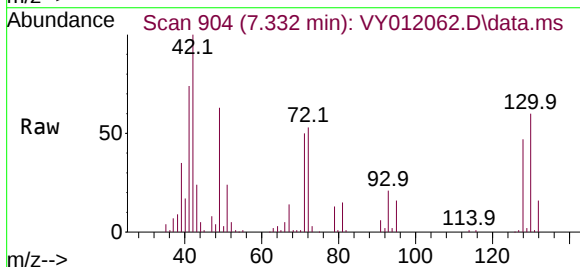
Ion	Ratio	Lower	Upper
96	100		
61	133.8	0.0	283.4
98	64.6	0.0	127.6

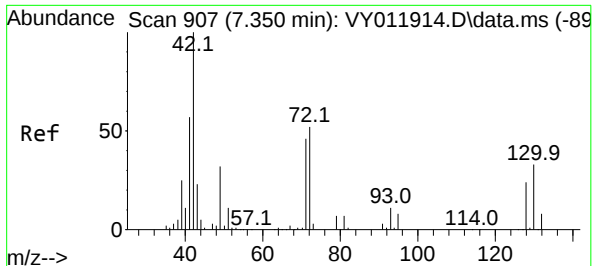


#28
 Bromochloromethane
 Concen: 43.199 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY012062.D
 Acq: 04 Jan 2023 11:12

Tgt Ion: 49 Resp: 42152

Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.6
130	98.3	66.7	100.1





#29

Tetrahydrofuran

Concen: 255.459 ug/l

RT: 7.344 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY012062.D

Acq: 04 Jan 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

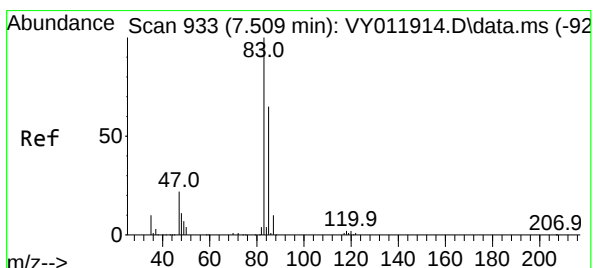
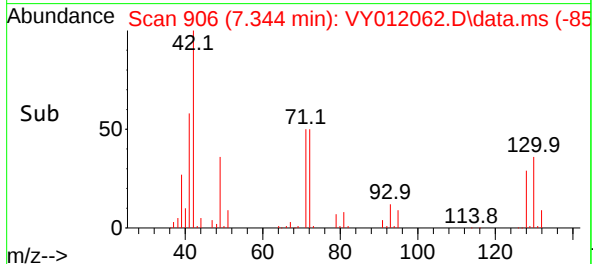
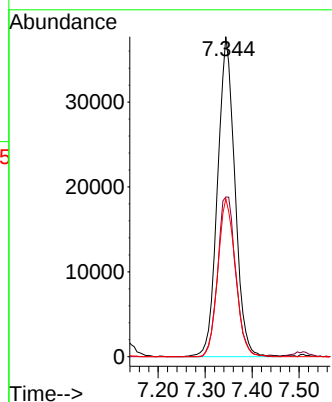
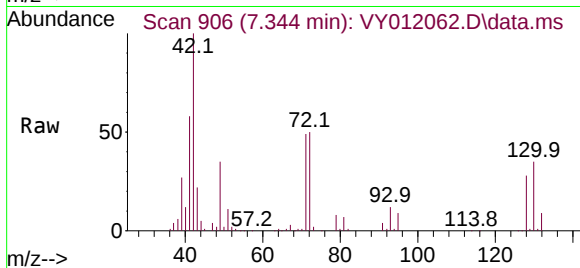
Tgt Ion: 42 Resp: 96833

Ion Ratio Lower Upper

42 100

72 52.1 37.0 55.6

71 50.1 34.9 52.3



#30

Chloroform

Concen: 50.948 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY012062.D

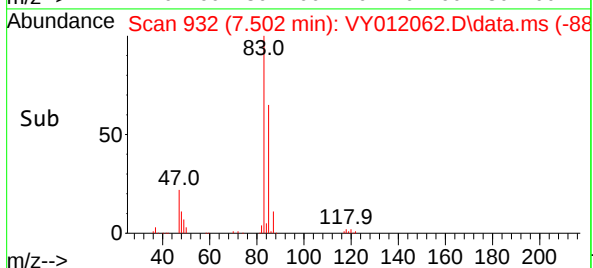
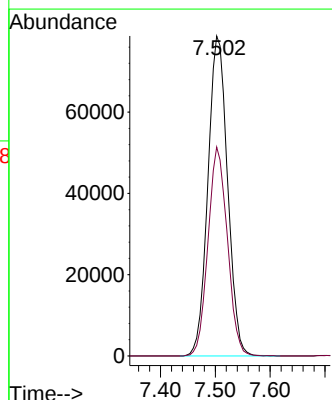
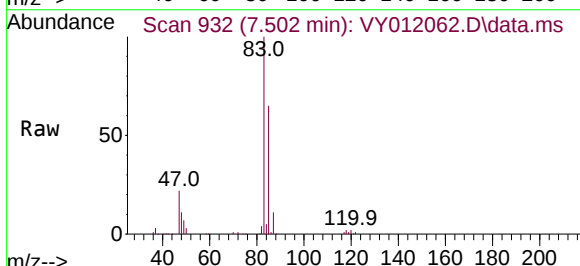
Acq: 04 Jan 2023 11:12

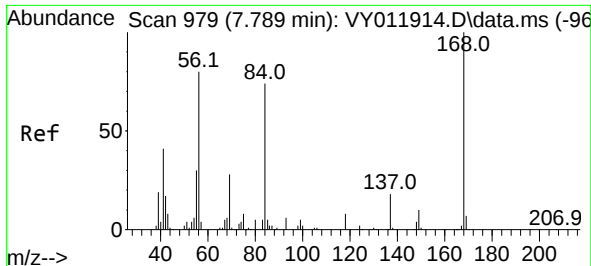
Tgt Ion: 83 Resp: 195264

Ion Ratio Lower Upper

83 100

85 65.3 51.5 77.3

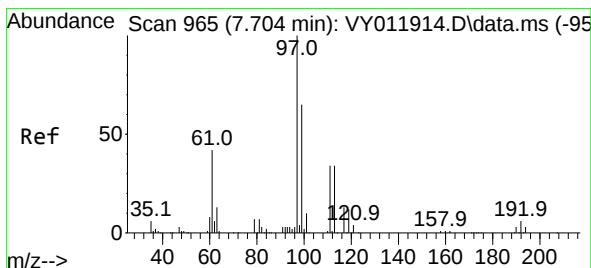
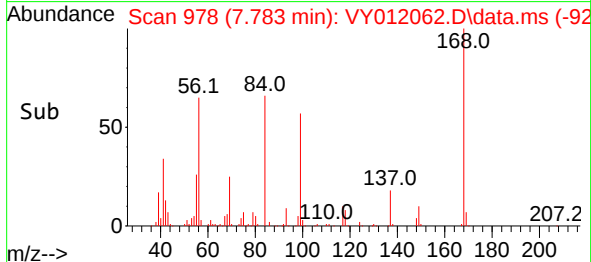
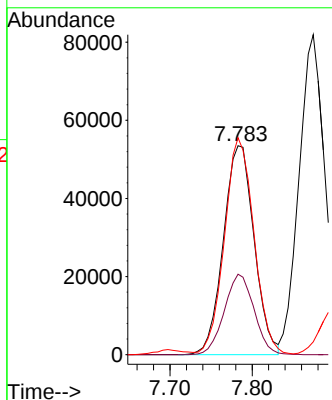
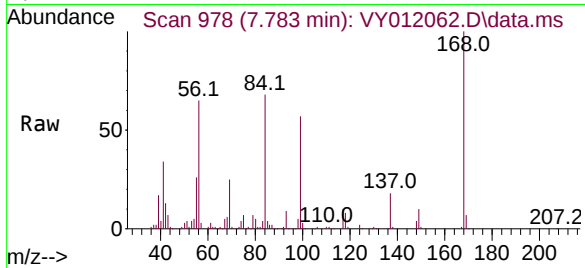




#31
Cyclohexane
Concen: 41.199 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012062.D
Acq: 04 Jan 2023 11:12

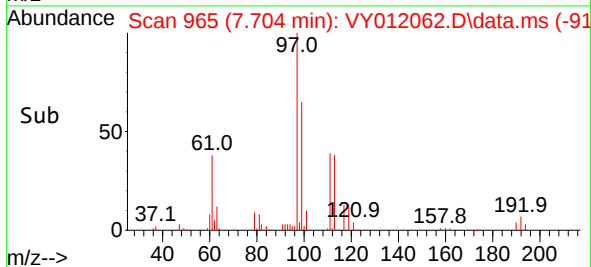
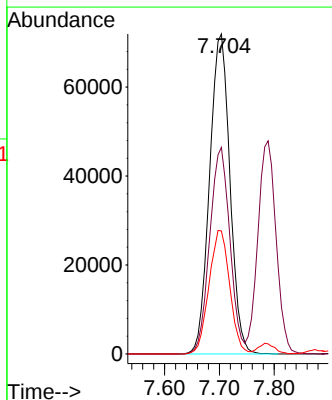
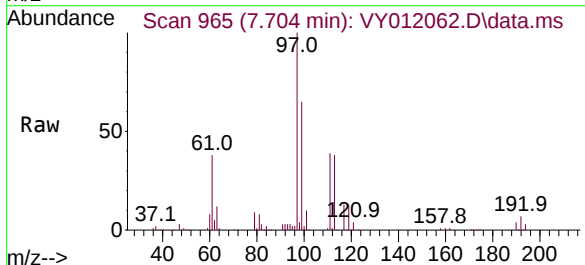
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

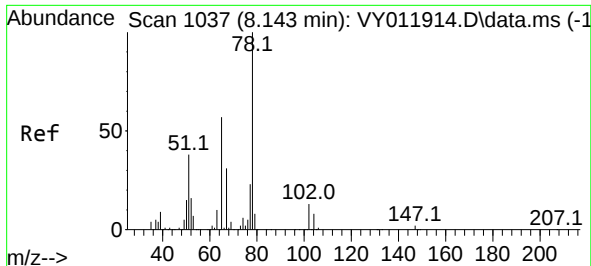
Tgt Ion: 56 Resp: 139299
Ion Ratio Lower Upper
56 100
69 38.5 29.2 43.8
84 102.0 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 50.800 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY012062.D
Acq: 04 Jan 2023 11:12

Tgt Ion: 97 Resp: 185187
Ion Ratio Lower Upper
97 100
99 64.1 51.0 76.4
61 39.4 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 48.653 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.007 min

Lab File: VY012062.D

Acq: 04 Jan 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

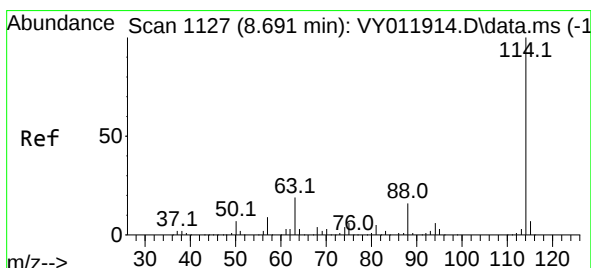
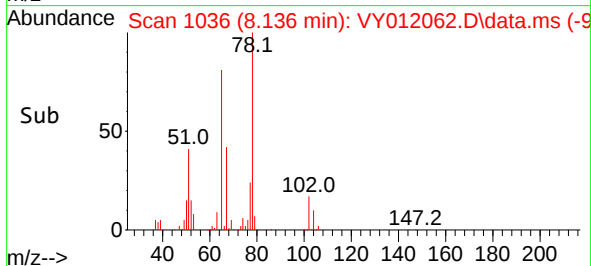
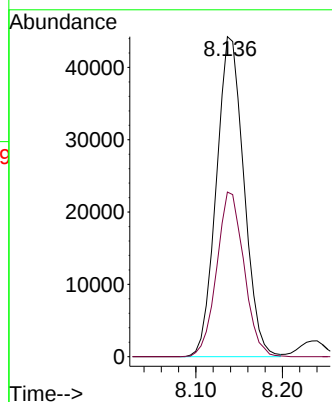
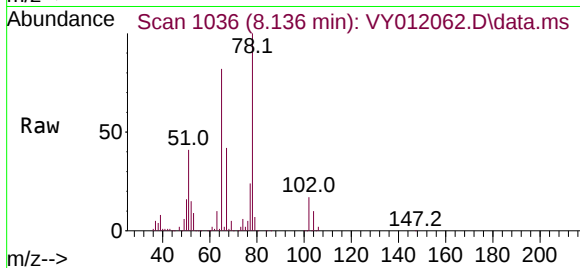
VSTDCCC050

Tgt Ion: 65 Resp: 97716

Ion Ratio Lower Upper

65 100

67 51.1 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012062.D

Acq: 04 Jan 2023 11:12

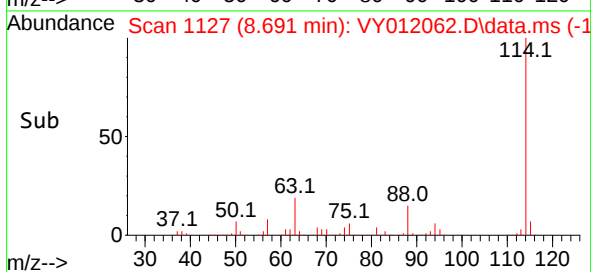
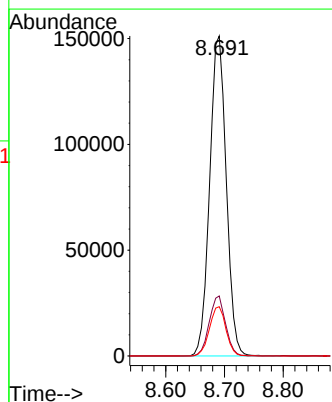
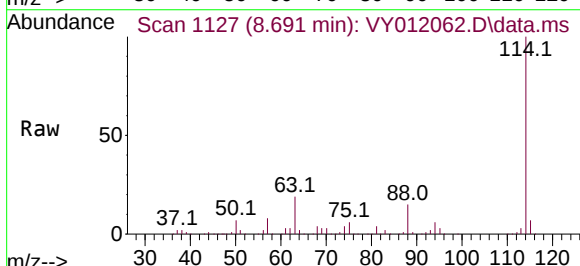
Tgt Ion: 114 Resp: 296598

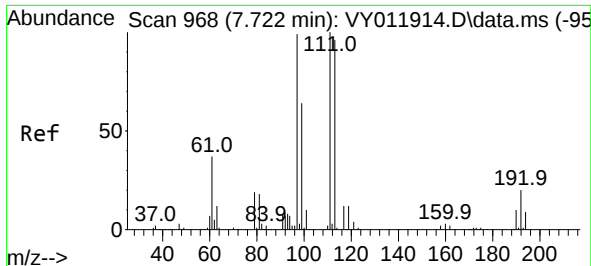
Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.6

88 15.4 0.0 32.2

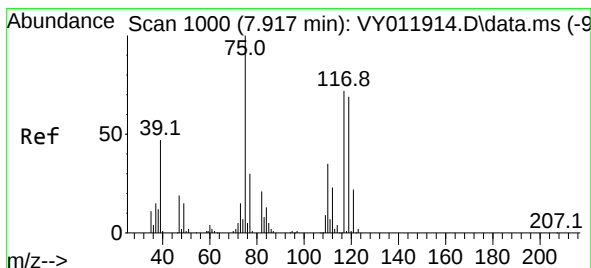
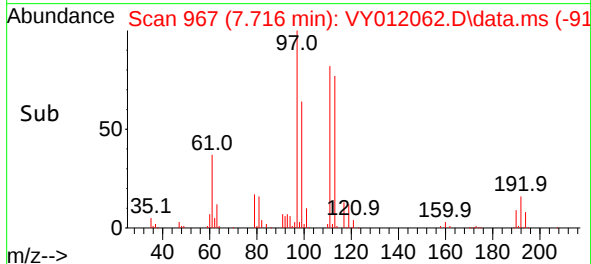
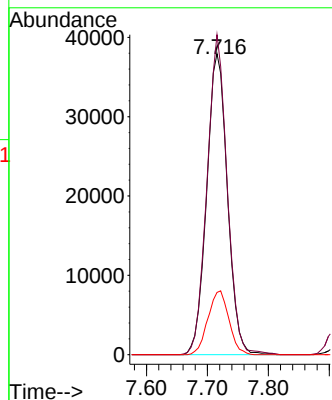
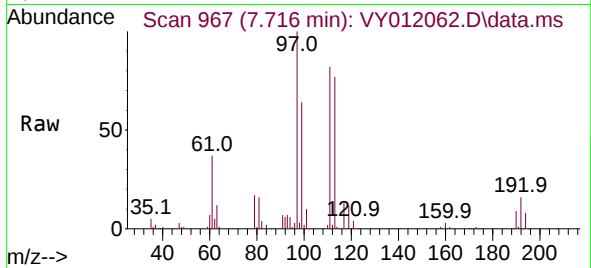




#35
Dibromofluoromethane
Concen: 50.372 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012062.D
Acq: 04 Jan 2023 11:12

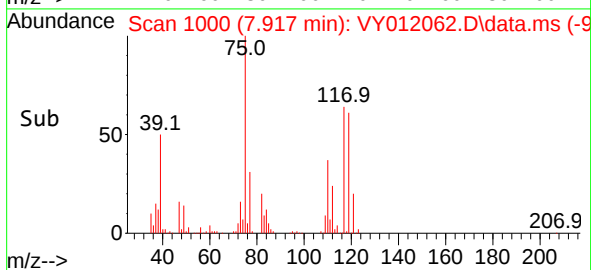
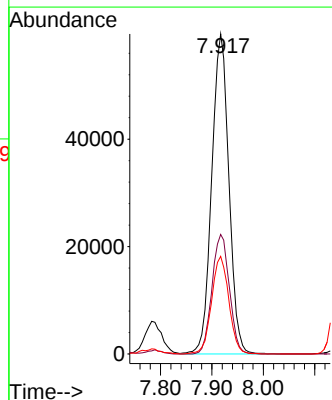
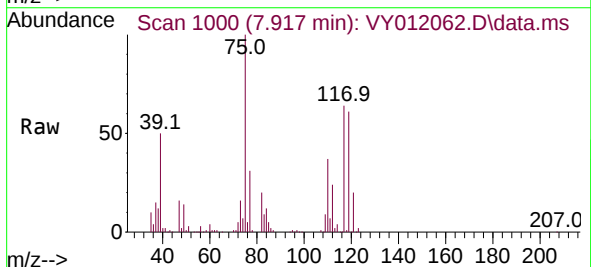
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

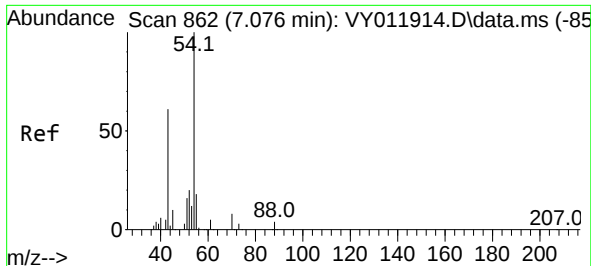
Tgt Ion:113 Resp: 89945
Ion Ratio Lower Upper
113 100
111 103.0 83.0 124.4
192 21.4 16.0 24.0



#36
1,1-Dichloropropene
Concen: 48.211 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY012062.D
Acq: 04 Jan 2023 11:12

Tgt Ion: 75 Resp: 138083
Ion Ratio Lower Upper
75 100
110 37.8 18.1 54.1
77 30.7 25.1 37.7





#37

Ethyl Acetate

Concen: 53.952 ug/l

RT: 7.069 min Scan# 80

Delta R.T. -0.001 min

Lab File: VY012062.D

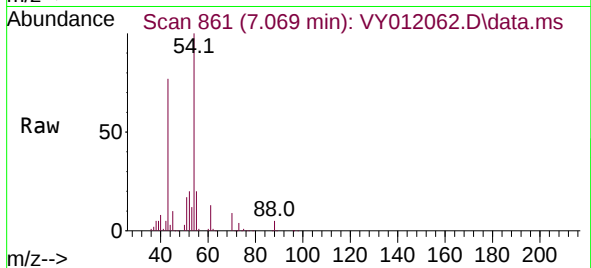
Acq: 04 Jan 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



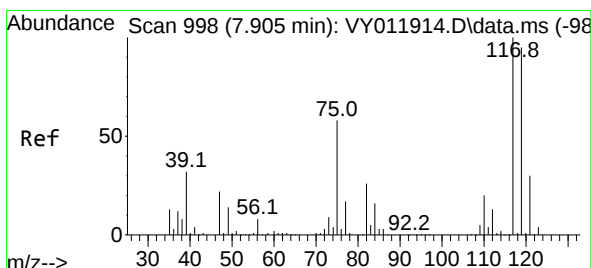
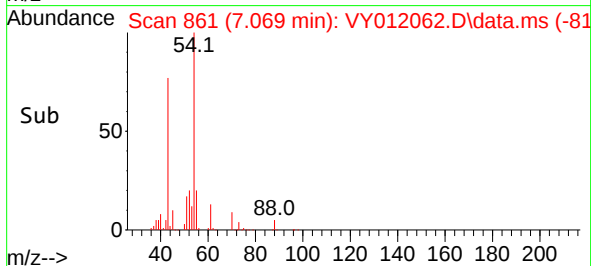
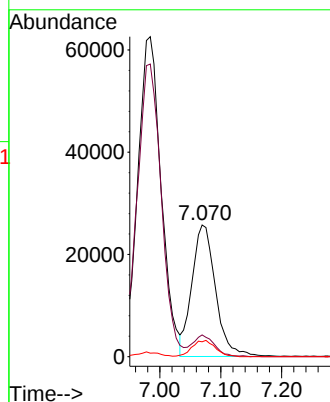
Tgt Ion: 43 Resp: 69329

Ion Ratio Lower Upper

43 100

61 15.7 11.3 16.9

70 12.2 8.2 12.4



#38

Carbon Tetrachloride

Concen: 52.354 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.006 min

Lab File: VY012062.D

Acq: 04 Jan 2023 11:12

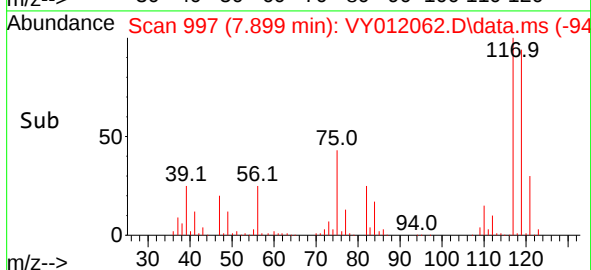
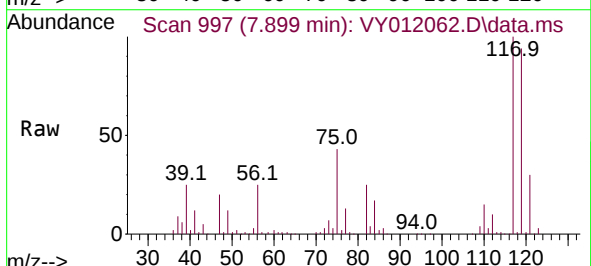
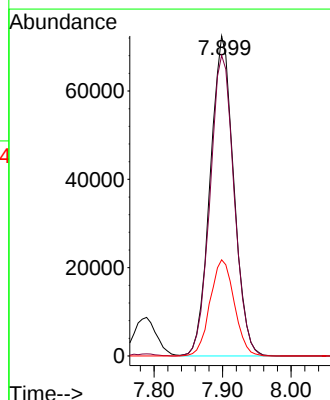
Tgt Ion: 117 Resp: 173179

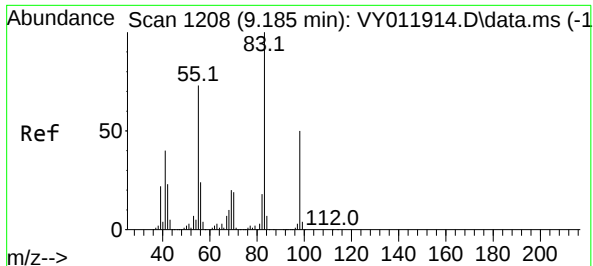
Ion Ratio Lower Upper

117 100

119 94.0 73.8 110.8

121 30.1 25.2 37.8





#39

Methylcyclohexane

Concen: 46.967 ug/l

RT: 9.185 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012062.D

Acq: 04 Jan 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

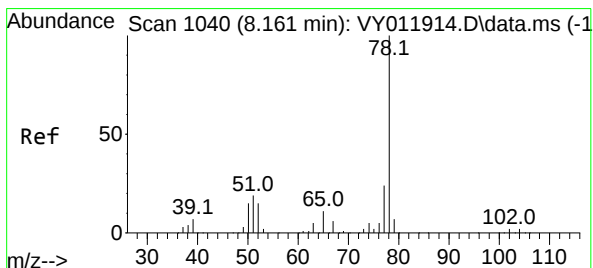
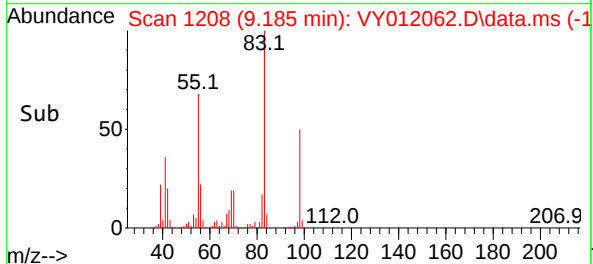
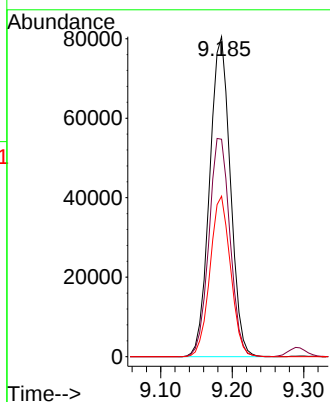
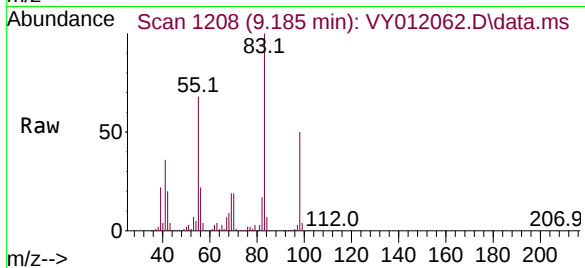
Tgt Ion: 83 Resp: 161865

Ion Ratio Lower Upper

83 100

55 67.9 58.2 87.2

98 50.1 38.6 58.0



#40

Benzene

Concen: 49.562 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012062.D

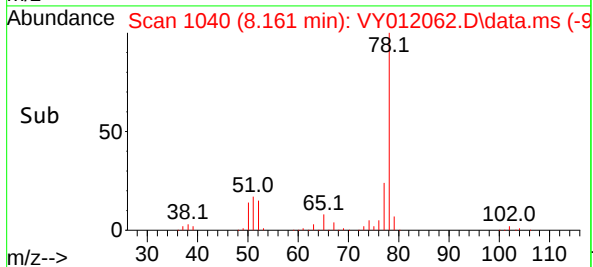
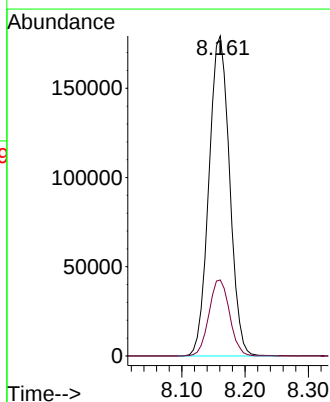
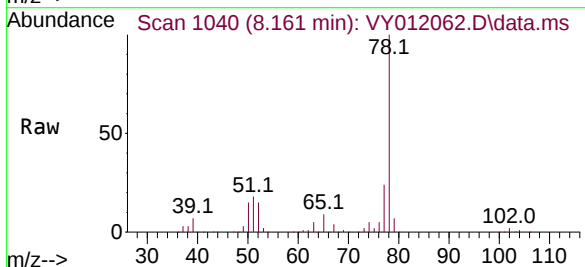
Acq: 04 Jan 2023 11:12

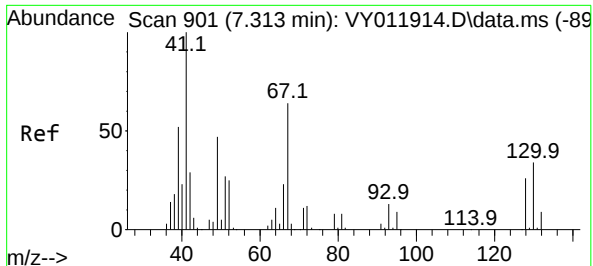
Tgt Ion: 78 Resp: 406245

Ion Ratio Lower Upper

78 100

77 23.8 18.6 27.8

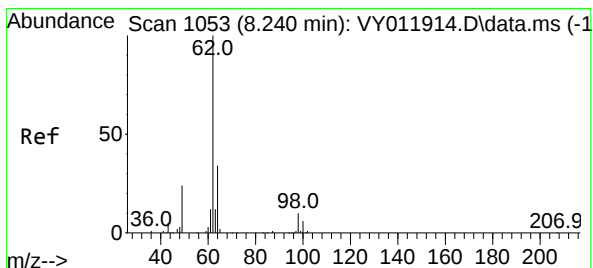
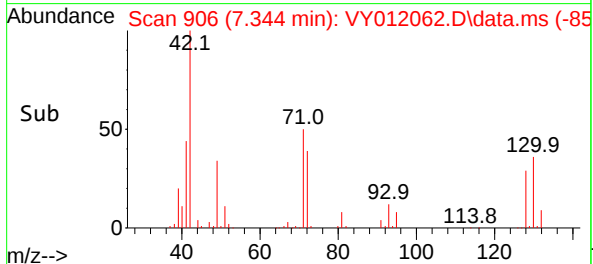
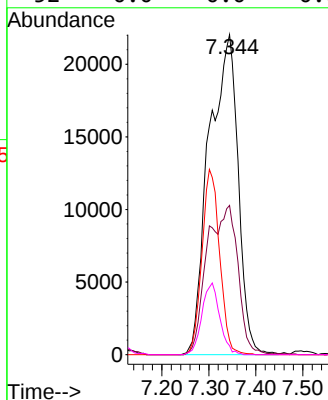
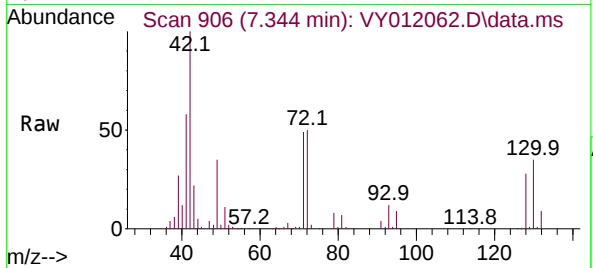




#41
Methacrylonitrile
Concen: 152.473 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.030 min
Lab File: VY012062.D
Acq: 04 Jan 2023 11:12

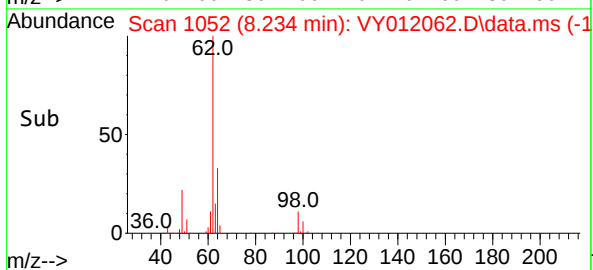
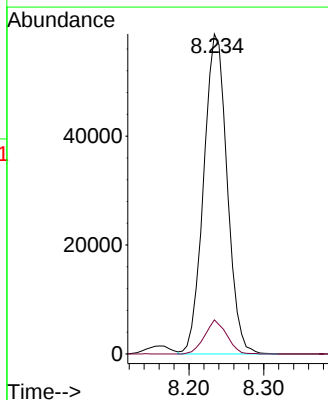
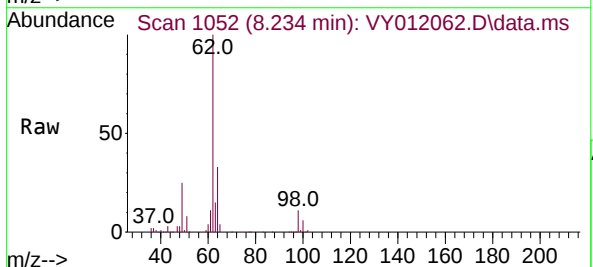
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

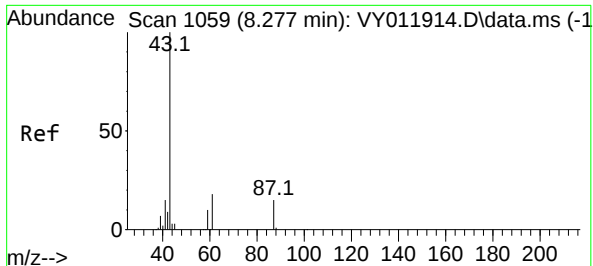
Tgt Ion: 41	Resp: 94745
Ion Ratio	Lower Upper
41 100	
39 0.0	0.0 0.0
67 0.0	0.0 0.0
52 0.0	0.0 0.0



#42
1,2-Dichloroethane
Concen: 54.313 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY012062.D
Acq: 04 Jan 2023 11:12

Tgt Ion: 62	Resp: 128158
Ion Ratio	Lower Upper
62 100	
98 10.0	0.0 19.6

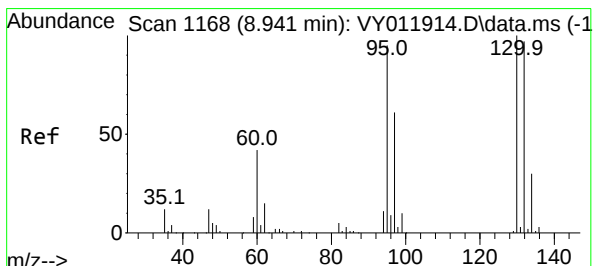
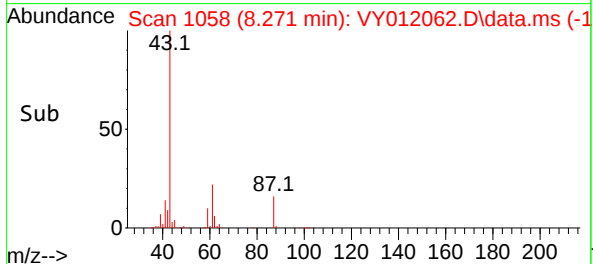
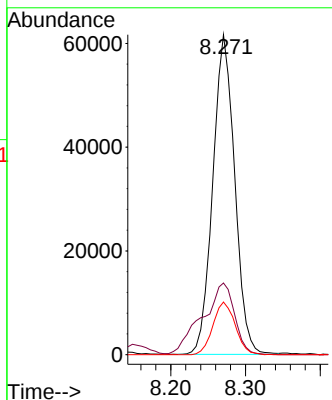
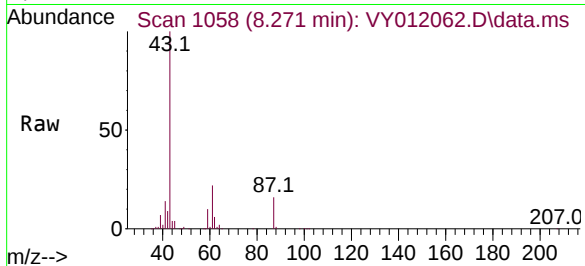




#43
Isopropyl Acetate
Concen: 53.379 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY012062.D
Acq: 04 Jan 2023 11:12

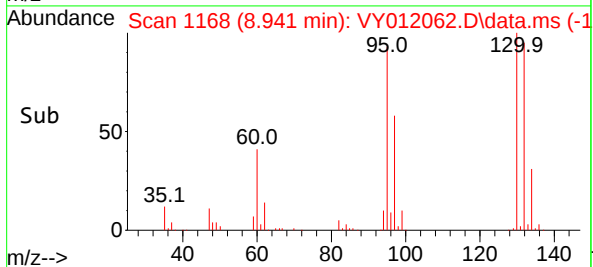
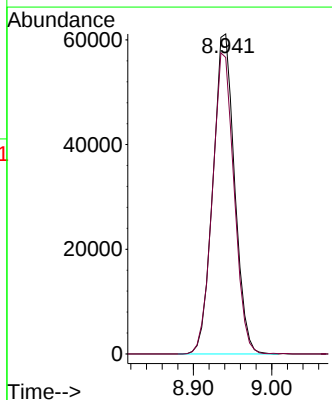
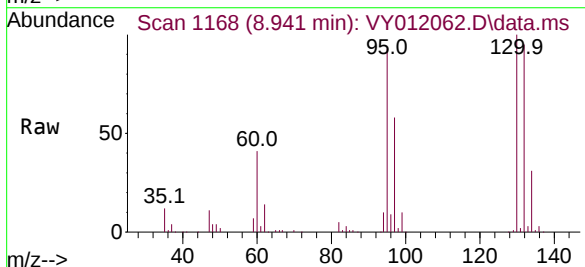
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

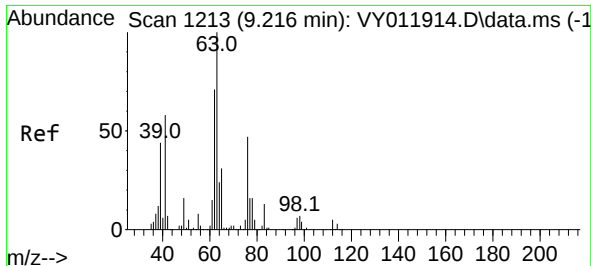
Tgt Ion: 43 Resp: 125274
Ion Ratio Lower Upper
43 100
61 33.1 24.4 36.6
87 16.8 11.4 17.2



#44
Trichloroethene
Concen: 50.839 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY012062.D
Acq: 04 Jan 2023 11:12

Tgt Ion:130 Resp: 117456
Ion Ratio Lower Upper
130 100
95 92.6 0.0 190.6





#45

1,2-Dichloropropane

Concen: 50.126 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY012062.D

Acq: 04 Jan 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

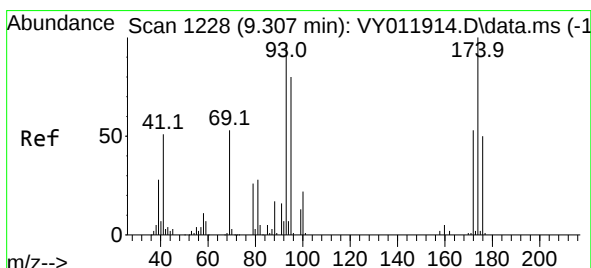
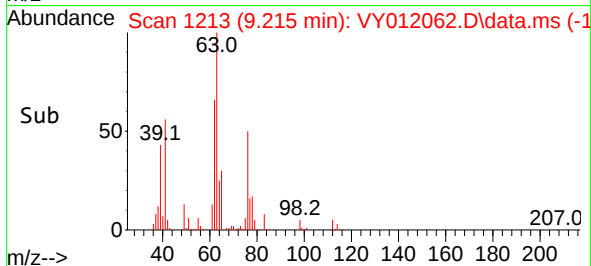
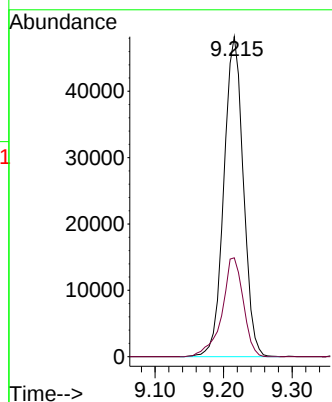
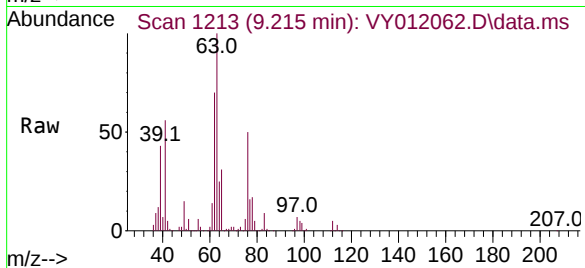
VSTDCCC050

Tgt Ion: 63 Resp: 94930

Ion Ratio Lower Upper

63 100

65 30.9 24.9 37.3



#46

Dibromomethane

Concen: 53.181 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY012062.D

Acq: 04 Jan 2023 11:12

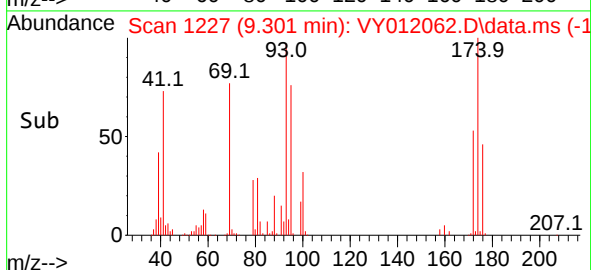
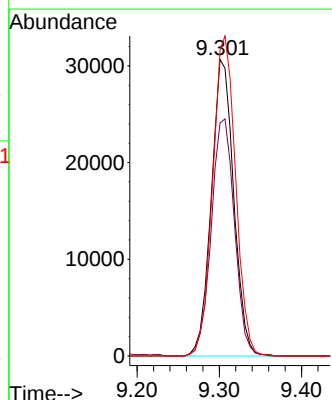
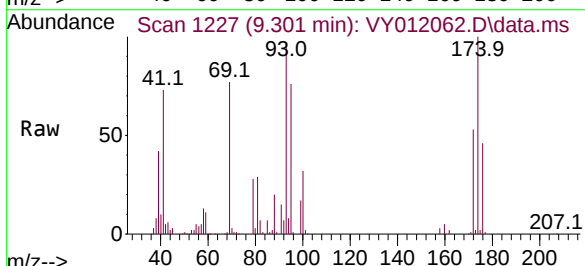
Tgt Ion: 93 Resp: 58014

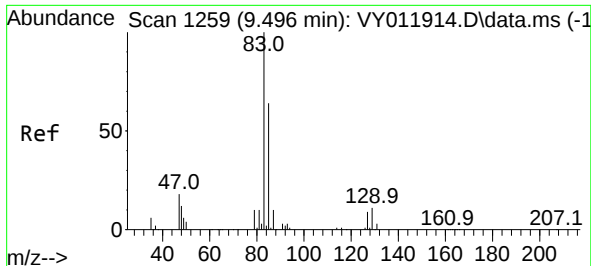
Ion Ratio Lower Upper

93 100

95 82.7 66.1 99.1

174 110.3 84.7 127.1

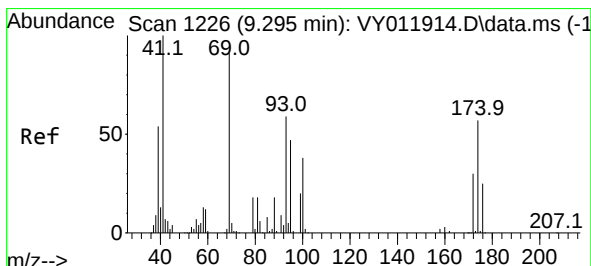
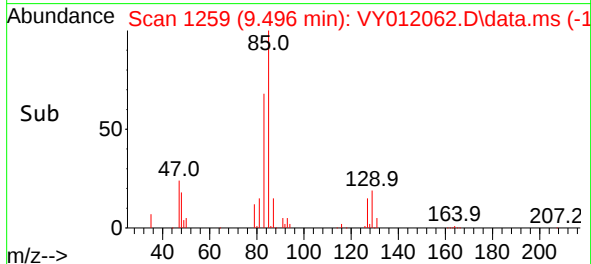
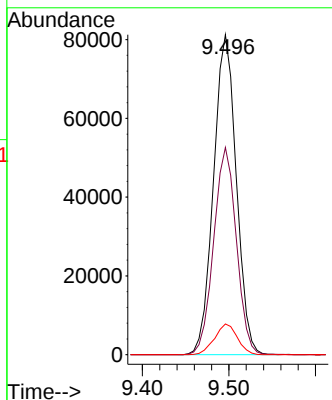
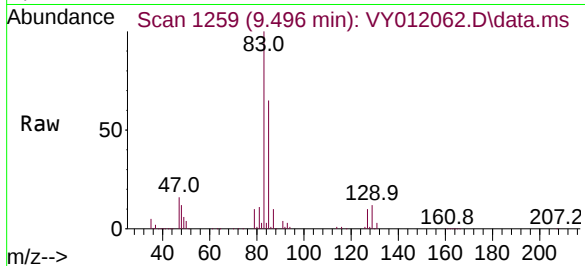




#47
Bromodichloromethane
Concen: 53.603 ug/l
RT: 9.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012062.D
Acq: 04 Jan 2023 11:12

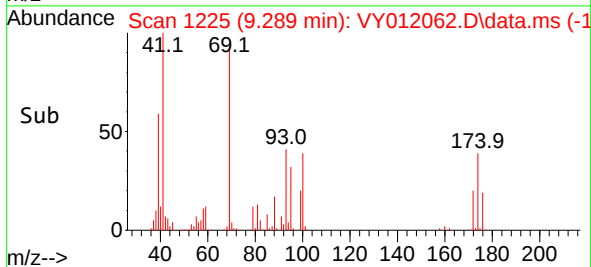
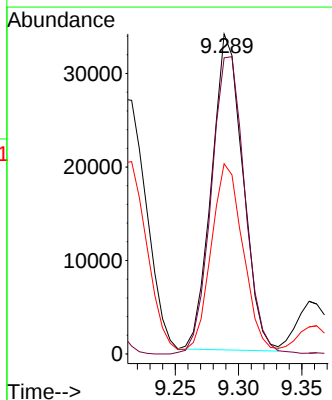
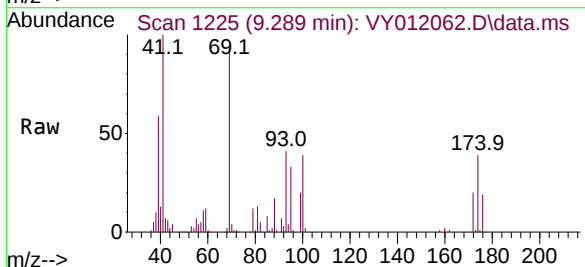
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

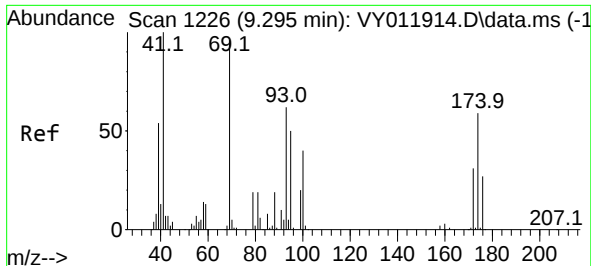
Tgt Ion: 83 Resp: 148349
Ion Ratio Lower Upper
83 100
85 64.7 52.0 78.0
127 9.6 7.3 10.9



#48
Methyl methacrylate
Concen: 53.522 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY012062.D
Acq: 04 Jan 2023 11:12

Tgt Ion: 41 Resp: 58159
Ion Ratio Lower Upper
41 100
69 100.8 74.2 111.2
39 59.4 46.3 69.5





#49

1,4-Dioxane

Concen: 1196.672 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY012062.D

Acq: 04 Jan 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

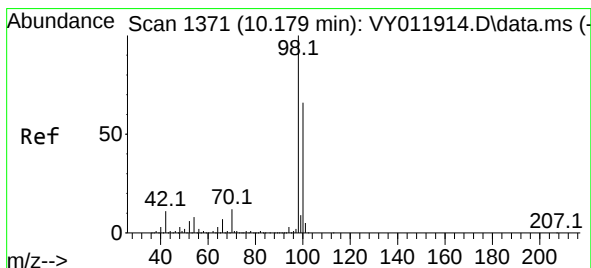
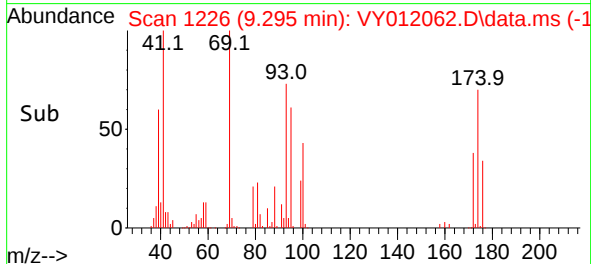
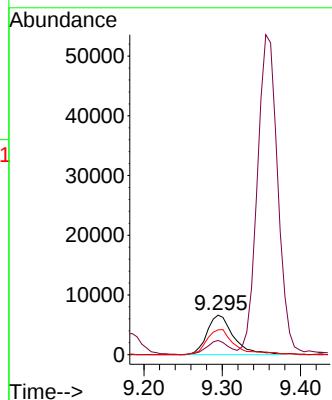
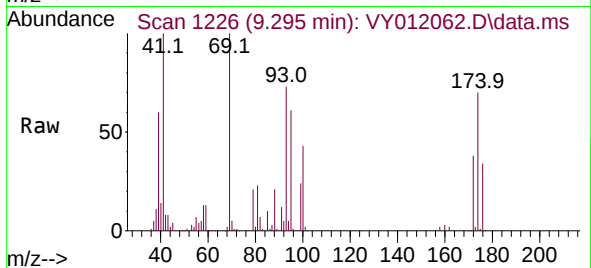
Tgt Ion: 88 Resp: 15586

Ion Ratio Lower Upper

88 100

43 30.3 26.2 39.2

58 67.8 54.3 81.5



#50

Toluene-d8

Concen: 47.672 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012062.D

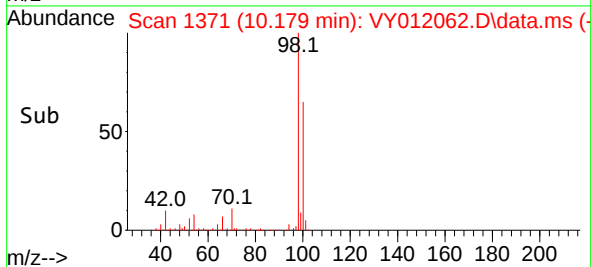
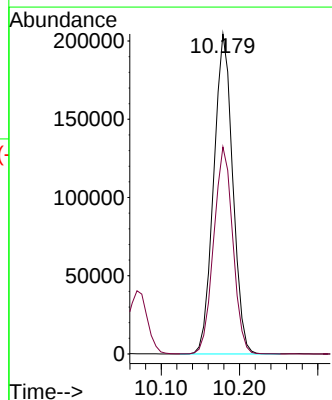
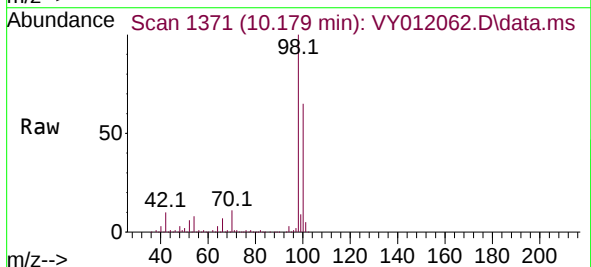
Acq: 04 Jan 2023 11:12

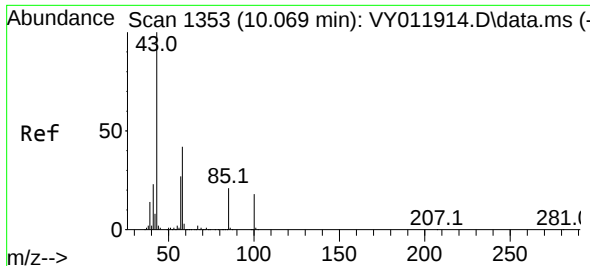
Tgt Ion: 98 Resp: 345368

Ion Ratio Lower Upper

98 100

100 64.9 51.9 77.9

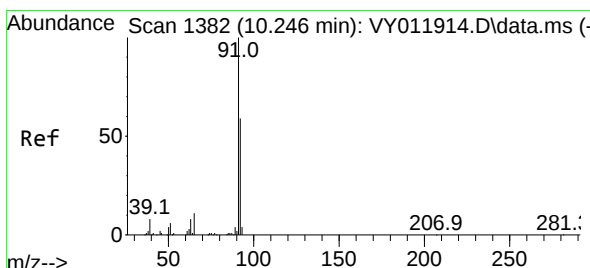
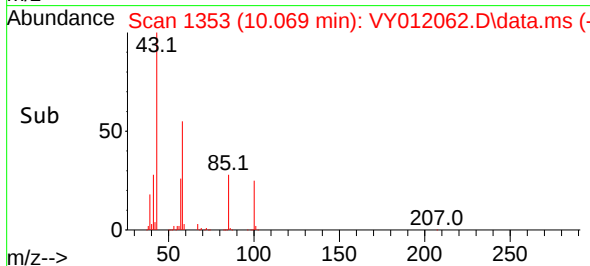
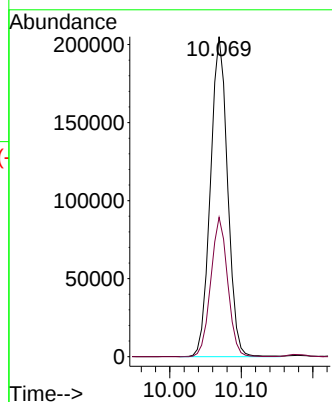
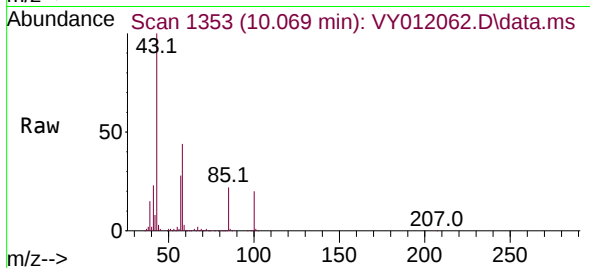




#51
4-Methyl-2-Pentanone
Concen: 272.756 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY012062.D
Acq: 04 Jan 2023 11:12

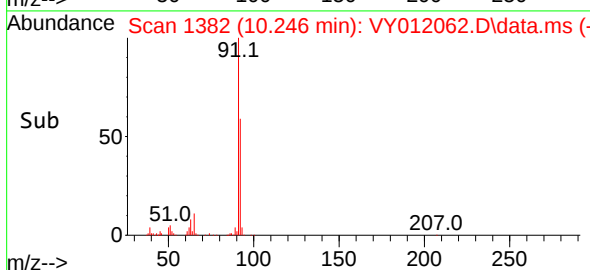
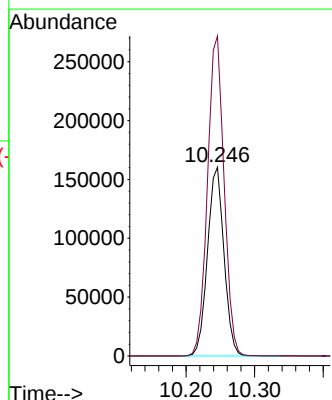
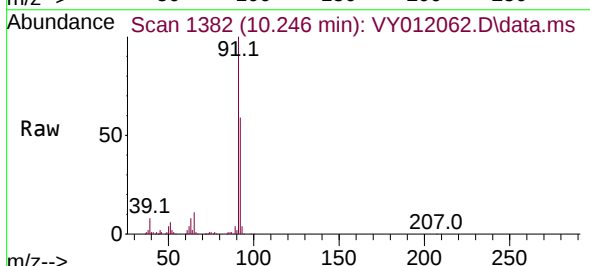
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

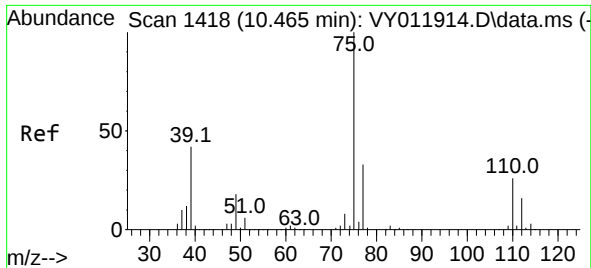
Tgt Ion: 43 Resp: 341330
Ion Ratio Lower Upper
43 100
58 42.8 32.9 49.3



#52
Toluene
Concen: 51.262 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012062.D
Acq: 04 Jan 2023 11:12

Tgt Ion: 92 Resp: 267703
Ion Ratio Lower Upper
92 100
91 171.0 137.4 206.0

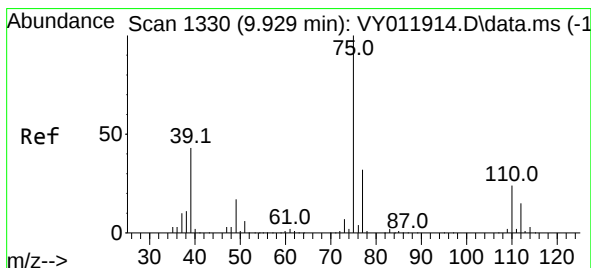
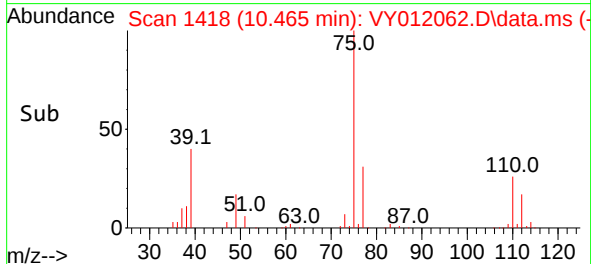
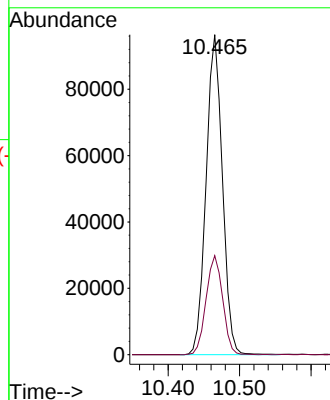
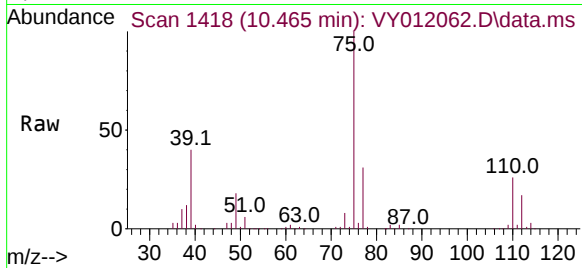




#53
t-1,3-Dichloropropene
Concen: 54.617 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY012062.D
Acq: 04 Jan 2023 11:12

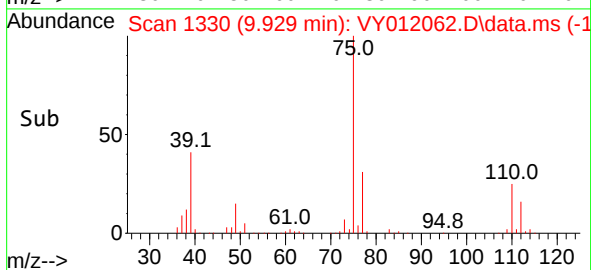
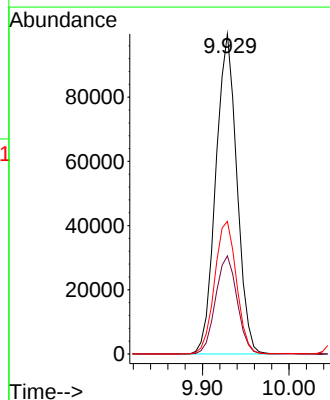
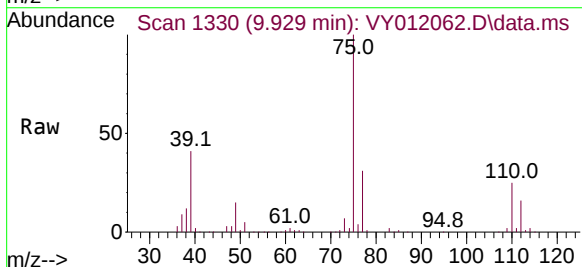
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

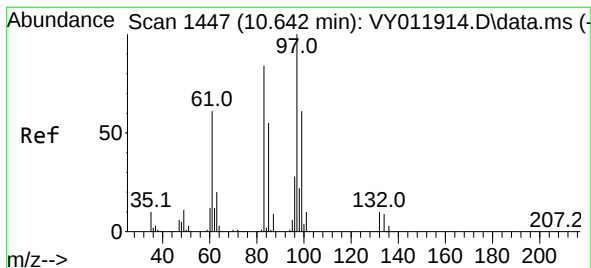
Tgt Ion: 75 Resp: 152736
Ion Ratio Lower Upper
75 100
77 30.9 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 53.645 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY012062.D
Acq: 04 Jan 2023 11:12

Tgt Ion: 75 Resp: 168629
Ion Ratio Lower Upper
75 100
77 30.7 25.9 38.9
39 41.4 34.6 52.0

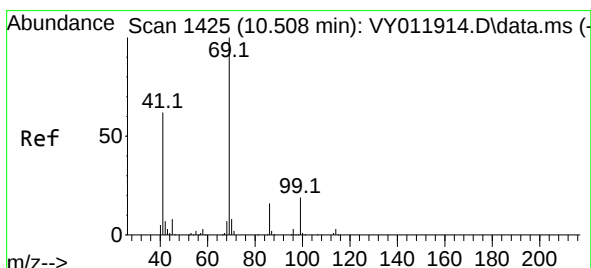
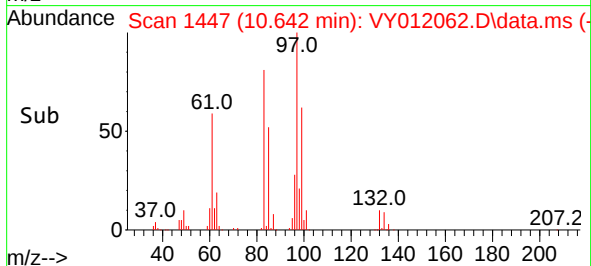
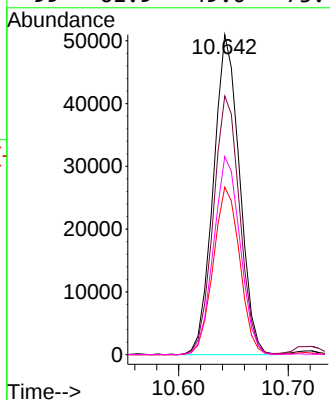
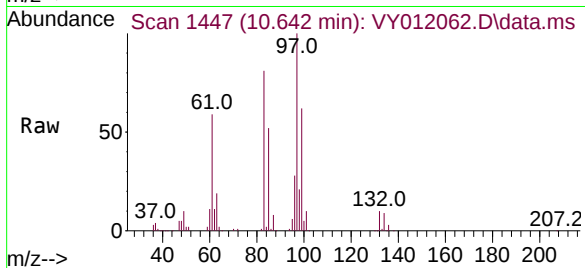




#55
1,1,2-Trichloroethane
Concen: 54.593 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VY012062.D
Acq: 04 Jan 2023 11:12

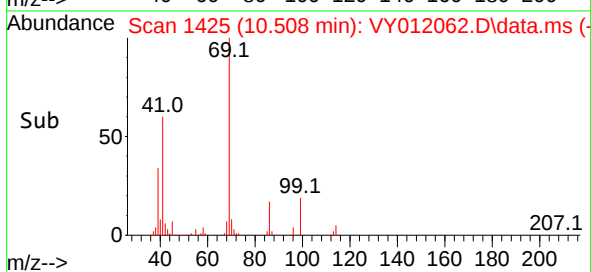
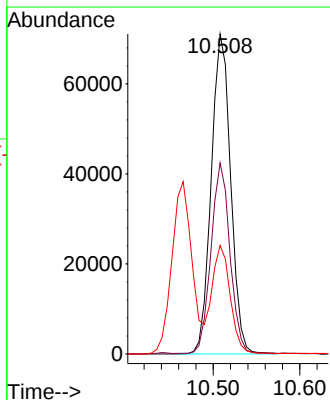
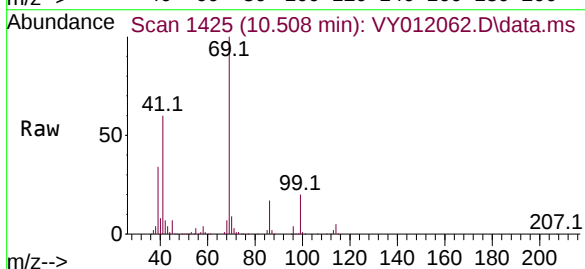
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

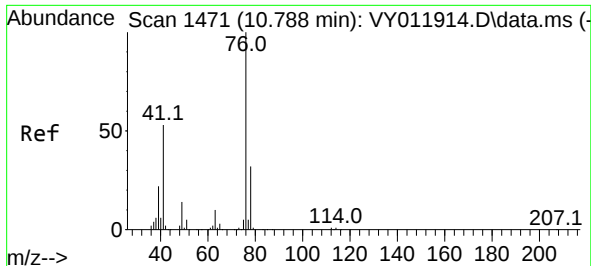
Tgt Ion: 97	Resp: 84512
Ion Ratio	Lower Upper
97 100	
83 80.8	67.7 101.5
85 52.4	43.8 65.8
99 61.9	49.0 73.4



#56
Ethyl methacrylate
Concen: 56.500 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY012062.D
Acq: 04 Jan 2023 11:12

Tgt Ion: 69	Resp: 110739
Ion Ratio	Lower Upper
69 100	
41 58.1	48.9 73.3
39 31.6	25.9 38.9





#57

1,3-Dichloropropane

Concen: 53.935 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY012062.D

Acq: 04 Jan 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

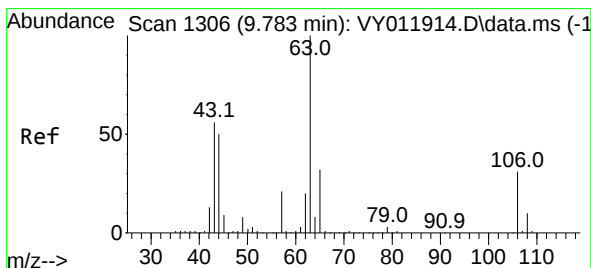
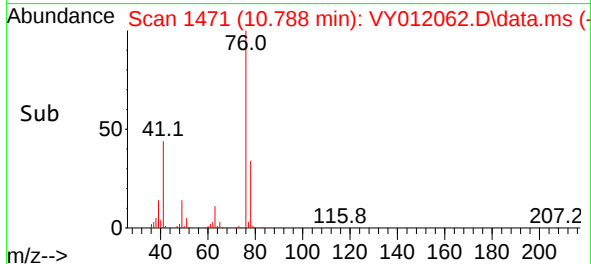
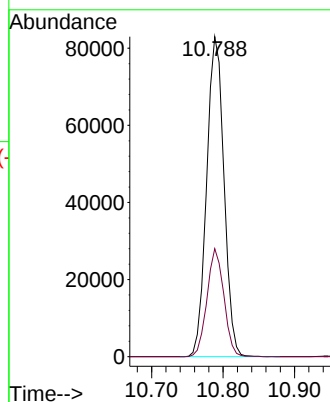
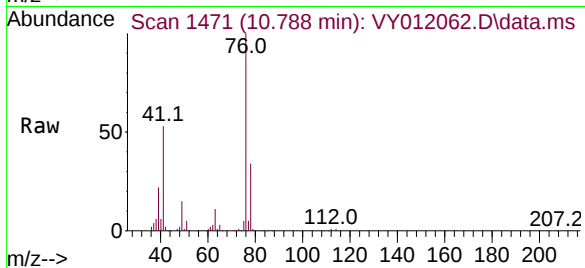
VSTDCCC050

Tgt Ion: 76 Resp: 139335

Ion Ratio Lower Upper

76 100

78 32.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 265.214 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY012062.D

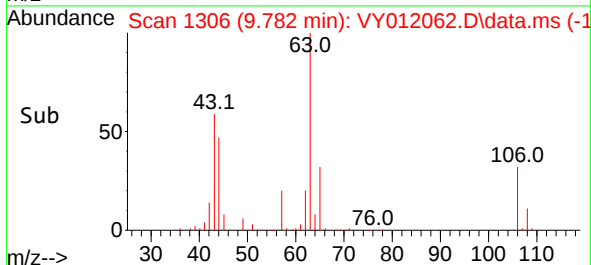
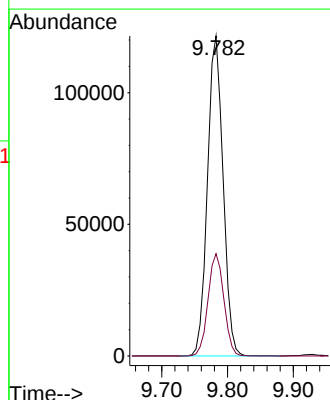
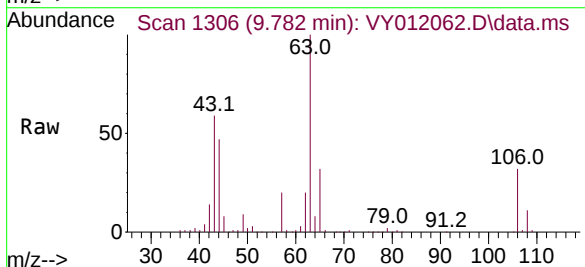
Acq: 04 Jan 2023 11:12

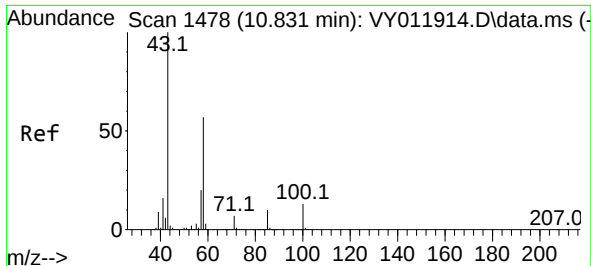
Tgt Ion: 63 Resp: 200584

Ion Ratio Lower Upper

63 100

106 32.4 23.2 34.8

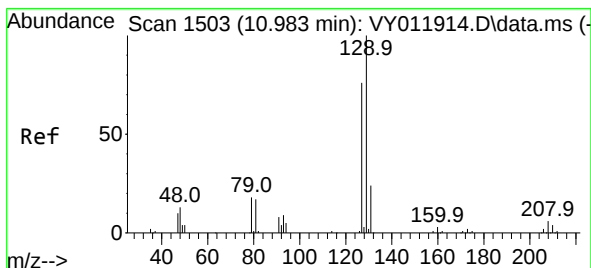
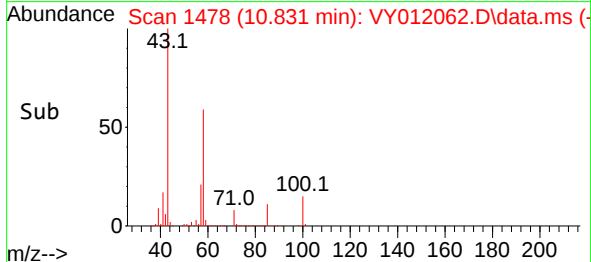
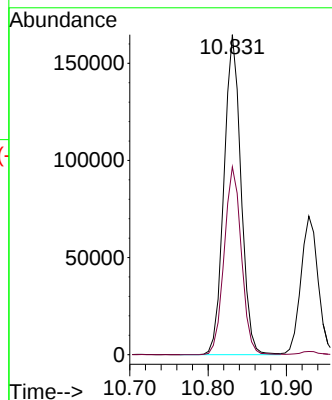
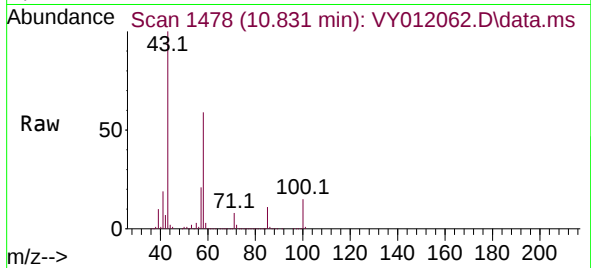




#59
2-Hexanone
Concen: 270.591 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY012062.D
Acq: 04 Jan 2023 11:12

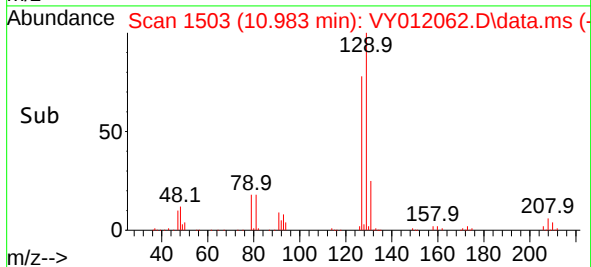
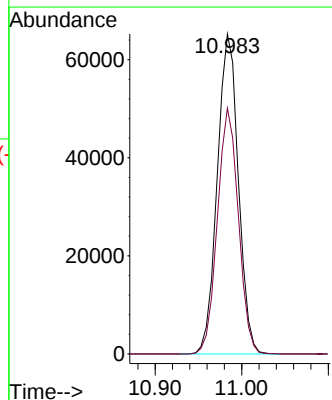
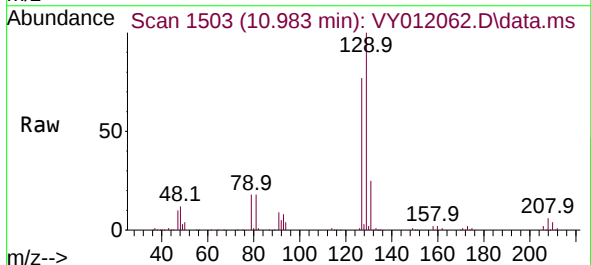
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

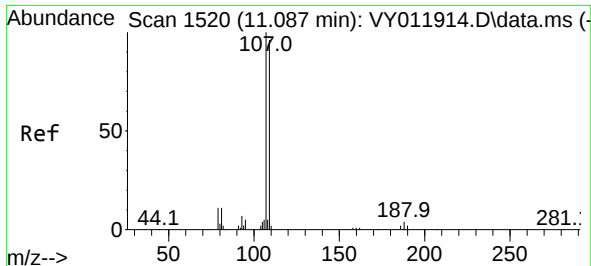
Tgt Ion: 43 Resp: 249115
Ion Ratio Lower Upper
43 100
58 59.2 28.4 85.2



#60
Dibromochloromethane
Concen: 56.535 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY012062.D
Acq: 04 Jan 2023 11:12

Tgt Ion: 129 Resp: 110250
Ion Ratio Lower Upper
129 100
127 76.4 38.9 116.6

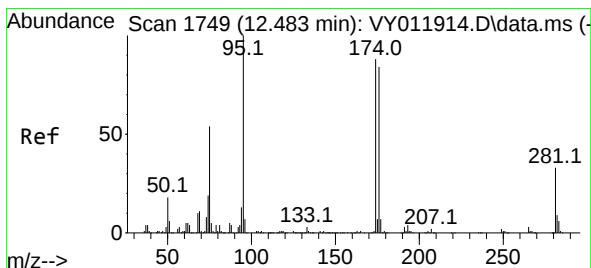
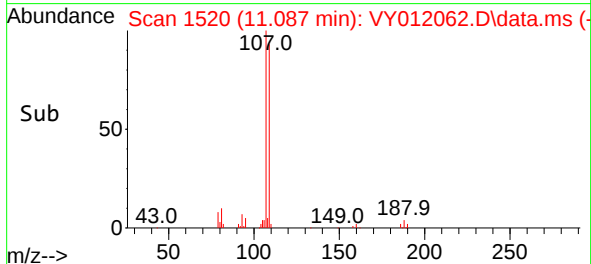
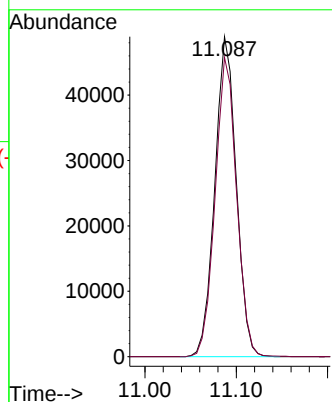
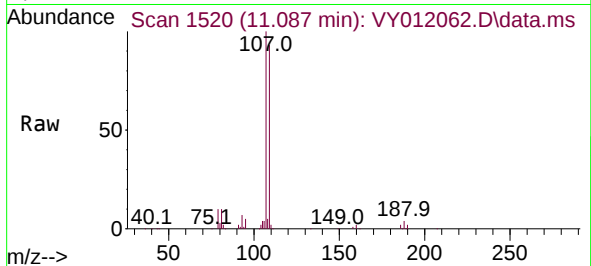




#61
1,2-Dibromoethane
Concen: 54.955 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY012062.D
Acq: 04 Jan 2023 11:12

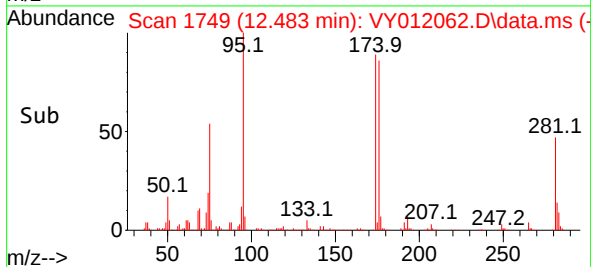
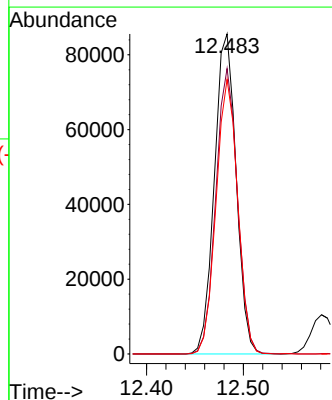
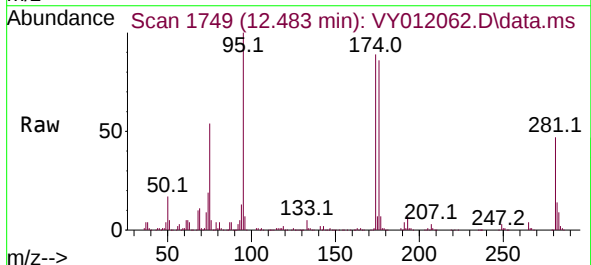
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

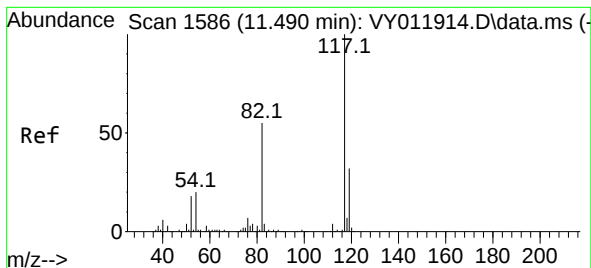
Tgt Ion:107 Resp: 79591
Ion Ratio Lower Upper
107 100
109 93.9 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 54.830 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012062.D
Acq: 04 Jan 2023 11:12

Tgt Ion: 95 Resp: 133594
Ion Ratio Lower Upper
95 100
174 88.4 0.0 172.0
176 85.1 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012062.D

Acq: 04 Jan 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

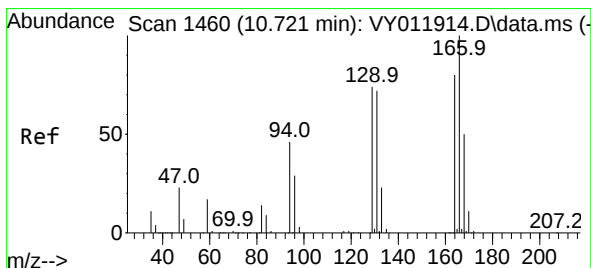
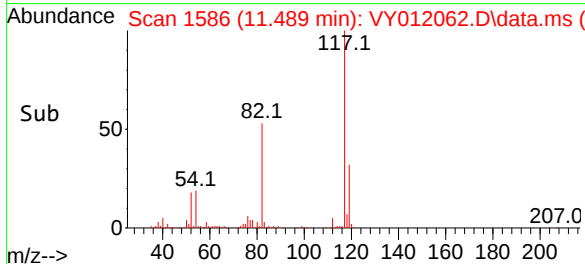
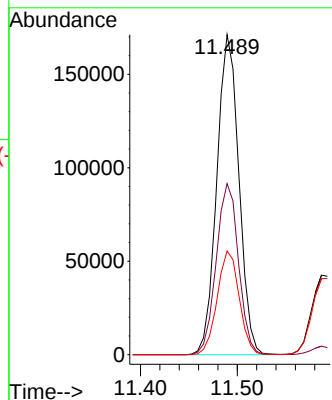
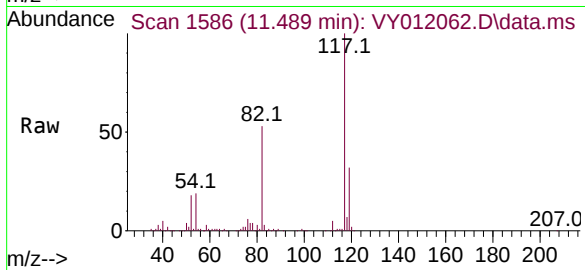
Tgt Ion:117 Resp: 271023

Ion Ratio Lower Upper

117 100

82 53.4 44.8 67.2

119 32.4 25.4 38.2



#64

Tetrachloroethene

Concen: 52.128 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VY012062.D

Acq: 04 Jan 2023 11:12

Tgt Ion:164 Resp: 123663

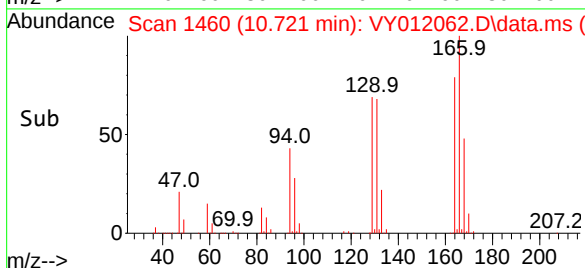
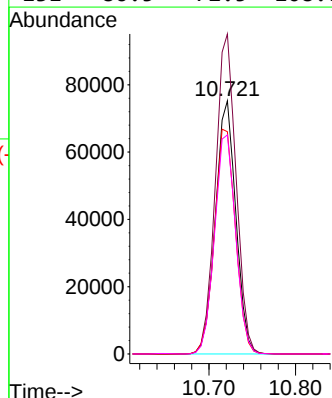
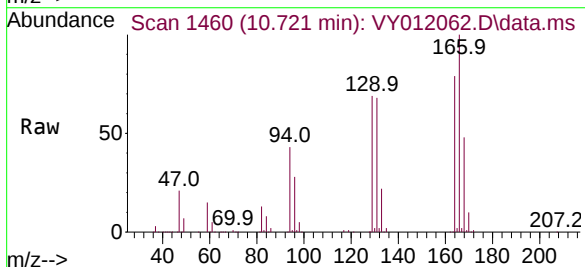
Ion Ratio Lower Upper

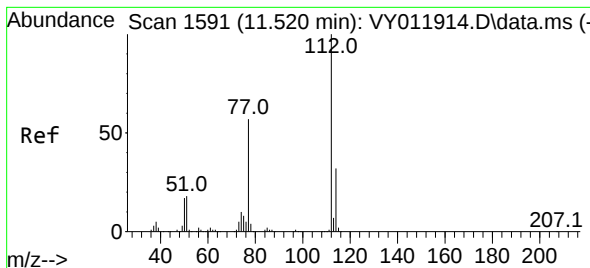
164 100

166 126.4 102.3 153.5

129 87.8 77.2 115.8

131 86.5 72.5 108.7





#65

Chlorobenzene

Concen: 51.516 ug/l

RT: 11.514 min Scan# 1591

Delta R.T. -0.000 min

Lab File: VY012062.D

Acq: 04 Jan 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

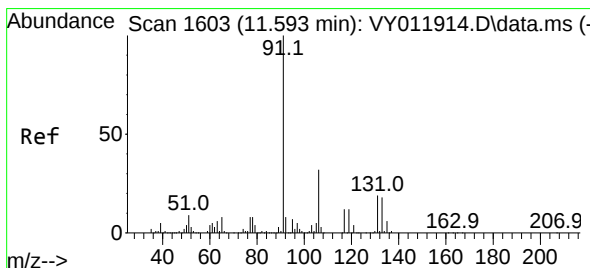
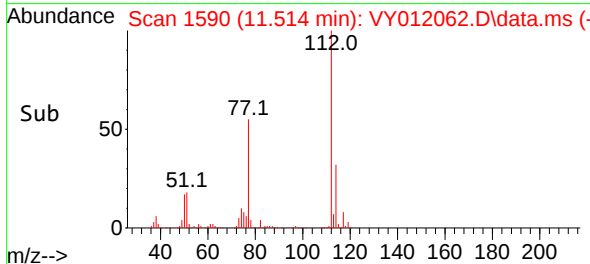
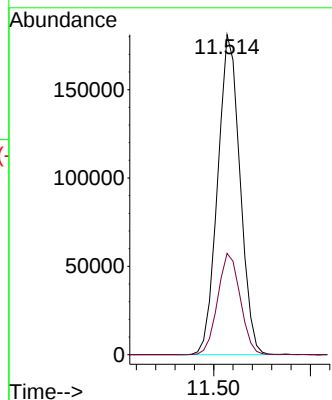
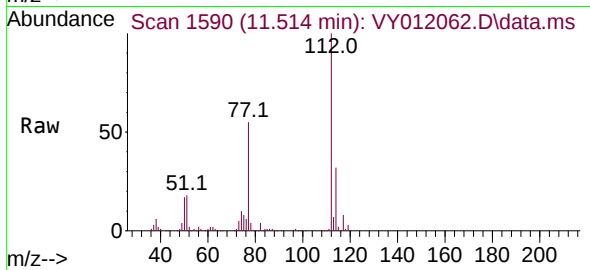
VSTDCCC050

Tgt Ion:112 Resp: 289902

Ion Ratio Lower Upper

112 100

114 31.6 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 54.602 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY012062.D

Acq: 04 Jan 2023 11:12

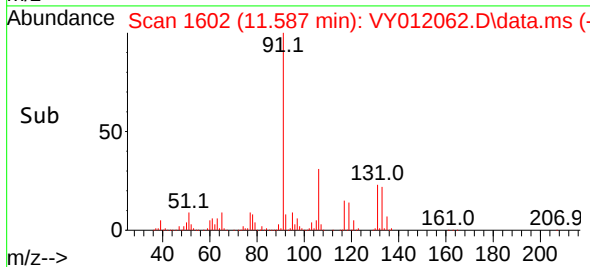
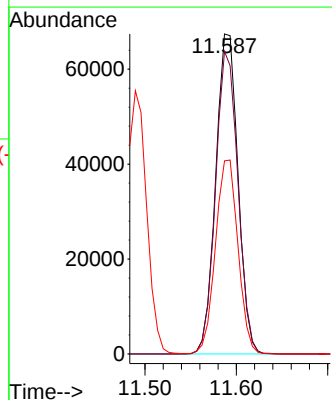
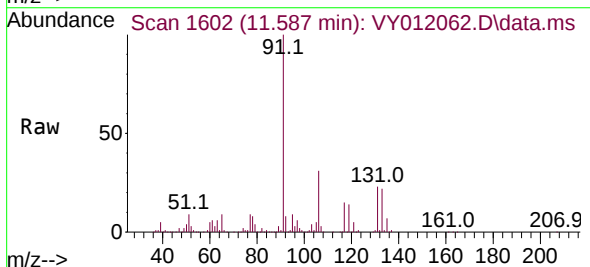
Tgt Ion:131 Resp: 114322

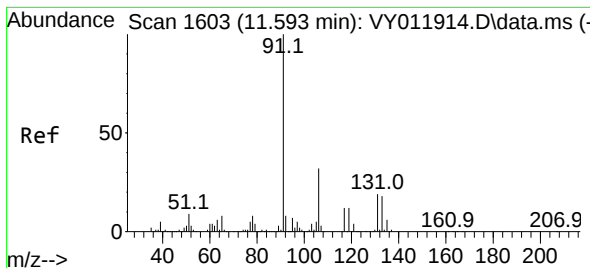
Ion Ratio Lower Upper

131 100

133 94.8 47.3 142.0

119 61.4 32.1 96.3





#67

Ethyl Benzene

Concen: 51.115 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY012062.D

Acq: 04 Jan 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

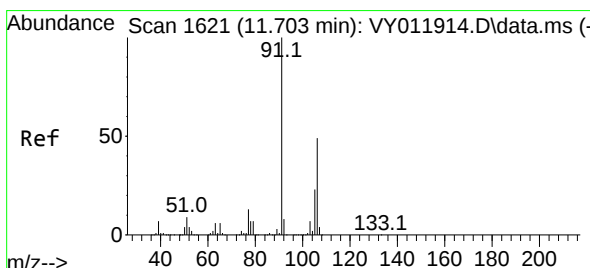
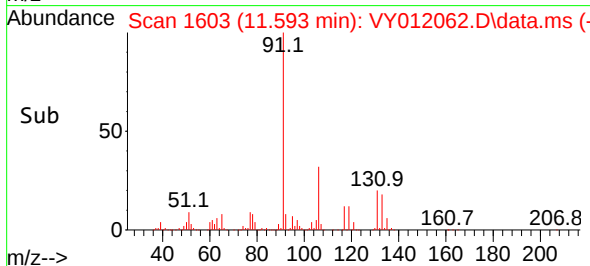
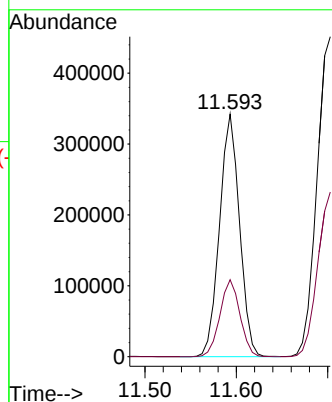
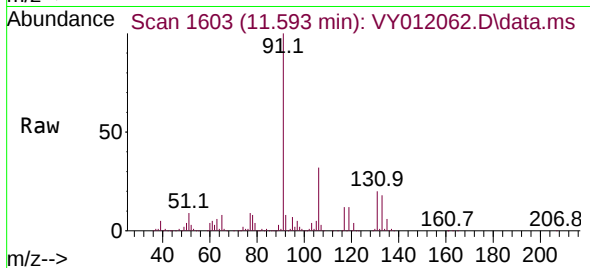
VSTDCCC050

Tgt Ion: 91 Resp: 519943

Ion Ratio Lower Upper

91 100

106 31.7 25.0 37.4



#68

m/p-Xylenes

Concen: 104.391 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY012062.D

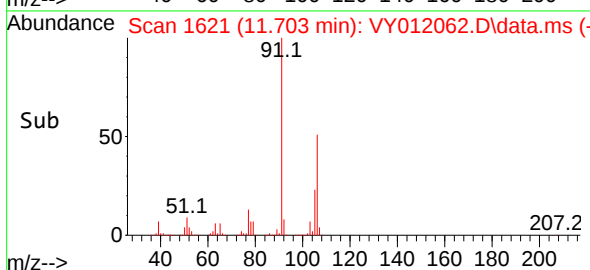
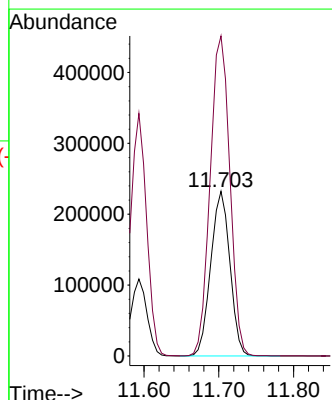
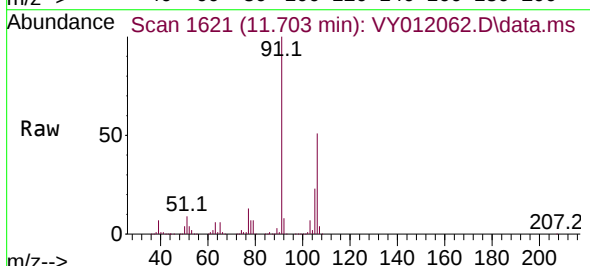
Acq: 04 Jan 2023 11:12

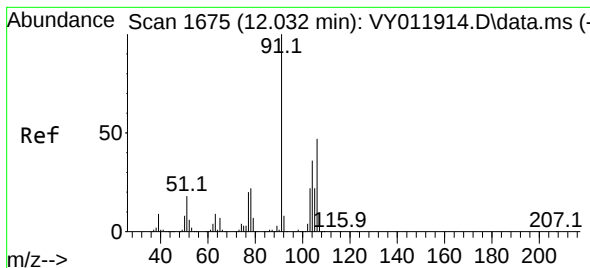
Tgt Ion: 106 Resp: 412969

Ion Ratio Lower Upper

106 100

91 200.2 162.5 243.7





#69

o-Xylene

Concen: 53.236 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY012062.D

Acq: 04 Jan 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

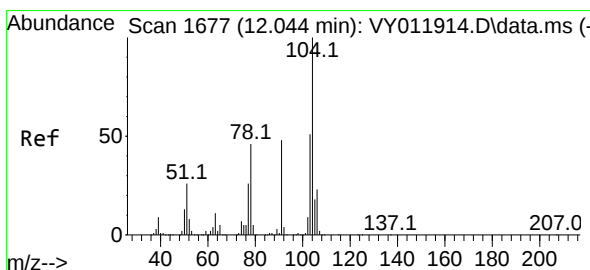
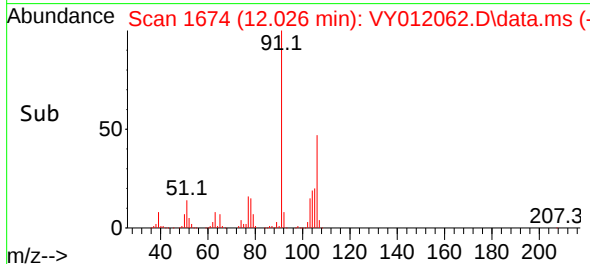
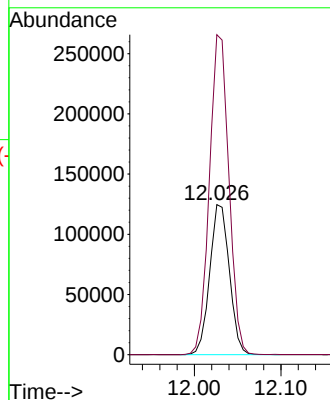
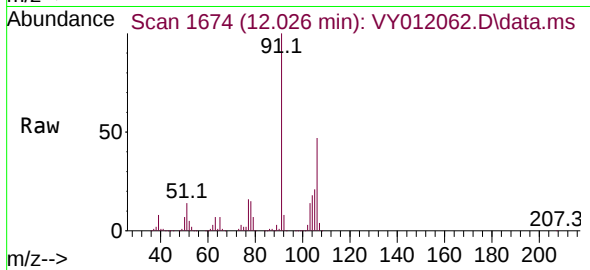
VSTDCCC050

Tgt Ion:106 Resp: 195953

Ion Ratio Lower Upper

106 100

91 212.2 107.5 322.4



#70

Styrene

Concen: 54.343 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY012062.D

Acq: 04 Jan 2023 11:12

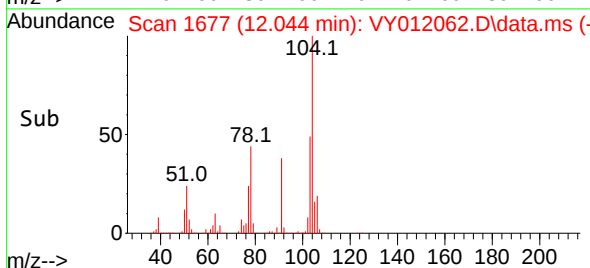
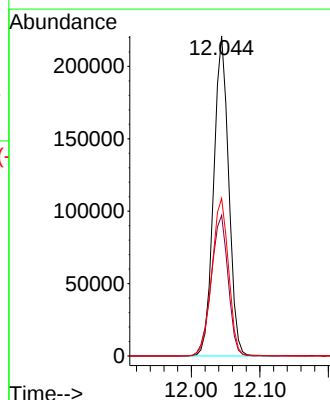
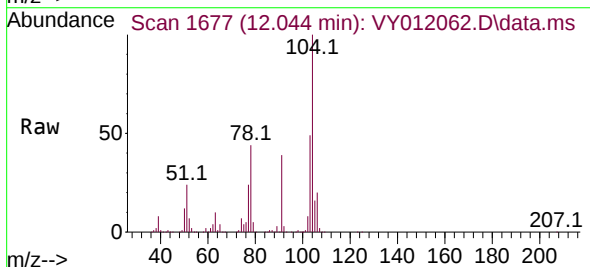
Tgt Ion:104 Resp: 335860

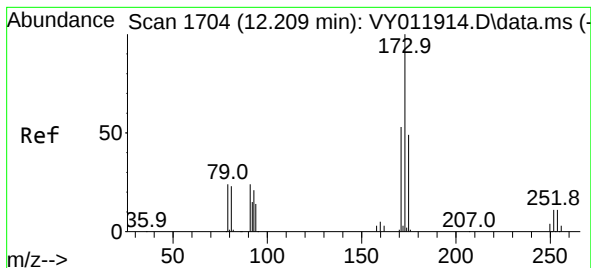
Ion Ratio Lower Upper

104 100

78 49.4 39.4 59.0

103 54.3 43.0 64.4





#71

Bromoform

Concen: 57.859 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012062.D

Acq: 04 Jan 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

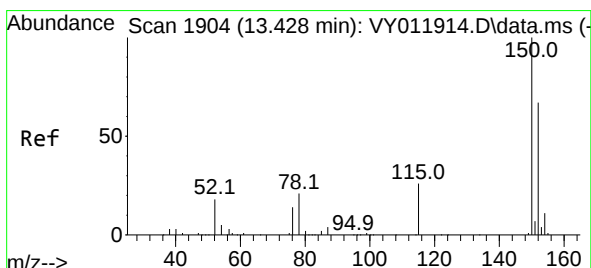
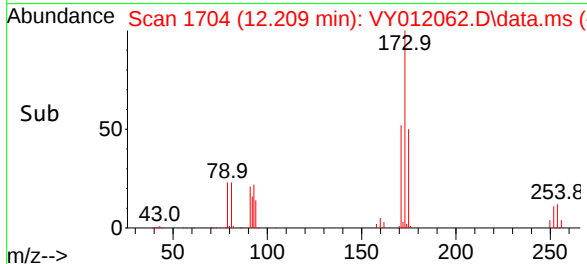
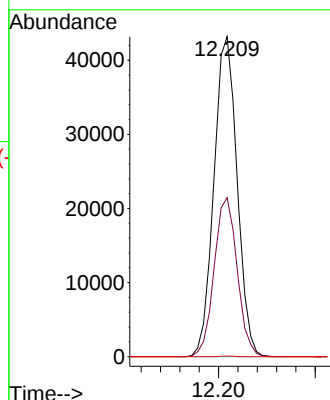
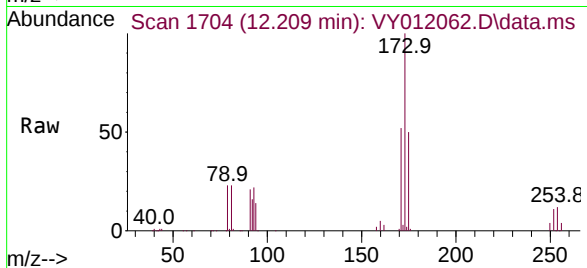
Tgt Ion:173 Resp: 71782

Ion Ratio Lower Upper

173 100

175 49.3 23.8 71.5

254 0.1 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: VY012062.D

Acq: 04 Jan 2023 11:12

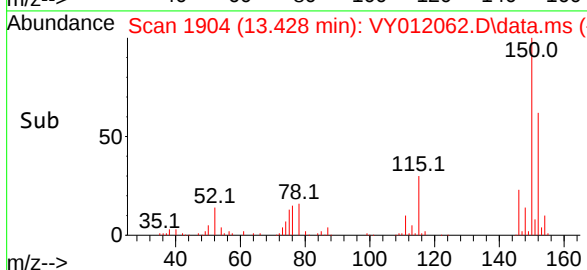
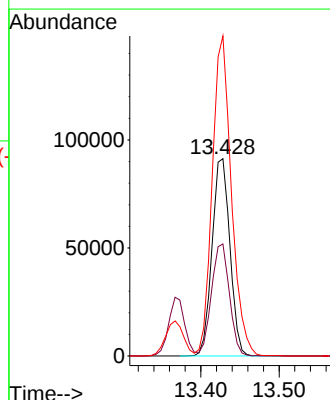
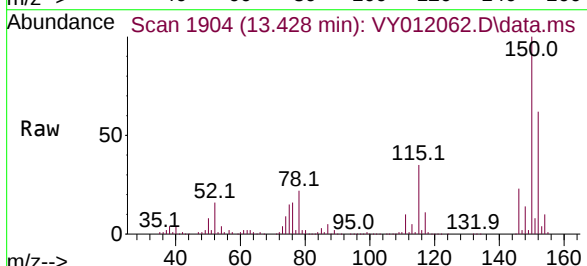
Tgt Ion:152 Resp: 144486

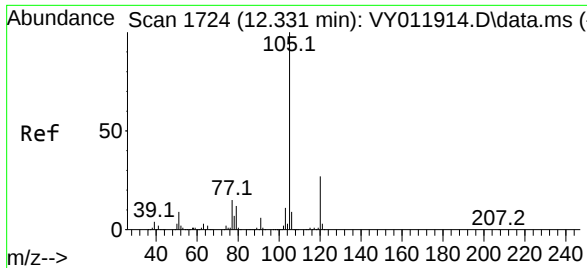
Ion Ratio Lower Upper

152 100

115 56.9 29.1 87.3

150 173.8 0.0 342.6

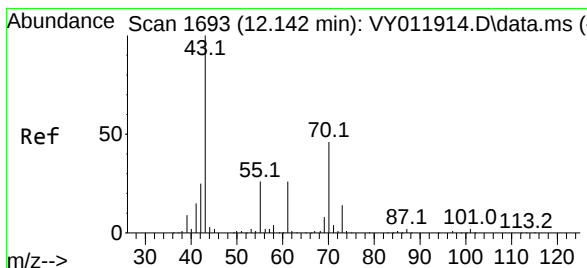
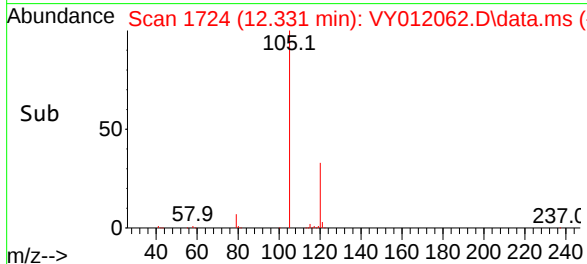
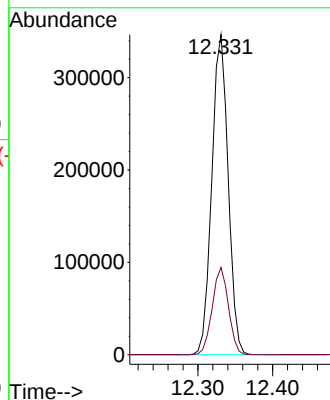
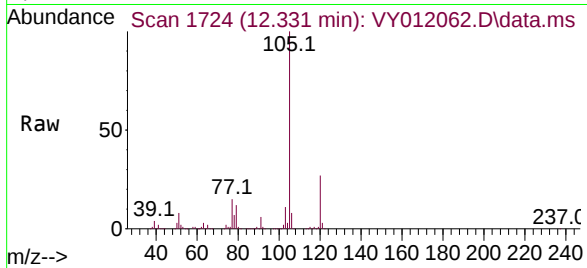




#73
Isopropylbenzene
Concen: 49.057 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY012062.D
Acq: 04 Jan 2023 11:12

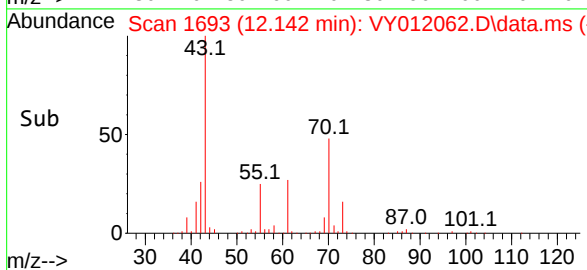
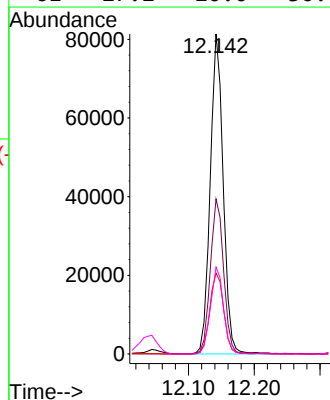
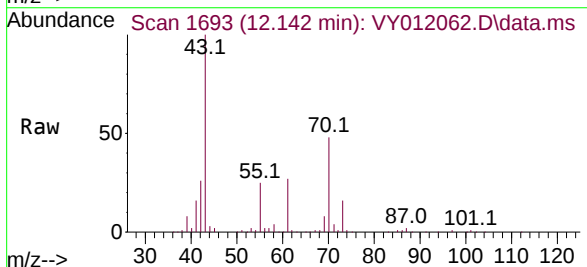
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

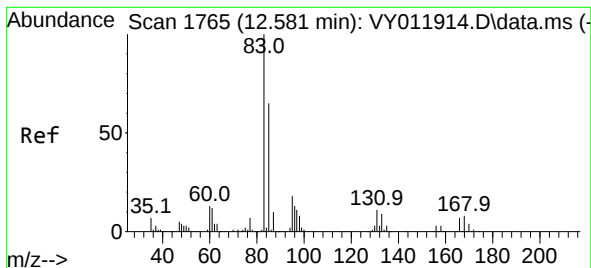
Tgt Ion:105 Resp: 525978
Ion Ratio Lower Upper
105 100
120 26.9 13.2 39.6



#74
N-ethyl acetate
Concen: 50.881 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY012062.D
Acq: 04 Jan 2023 11:12

Tgt Ion: 43 Resp: 111841
Ion Ratio Lower Upper
43 100
70 49.5 35.8 53.8
55 27.2 21.0 31.4
61 27.2 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.439 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY012062.D

Acq: 04 Jan 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

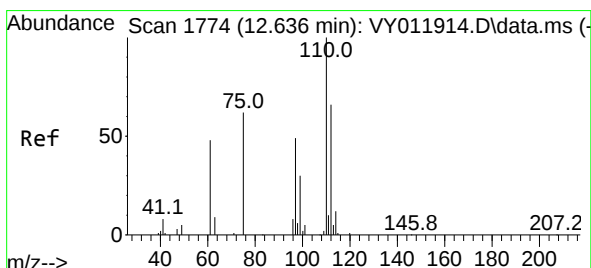
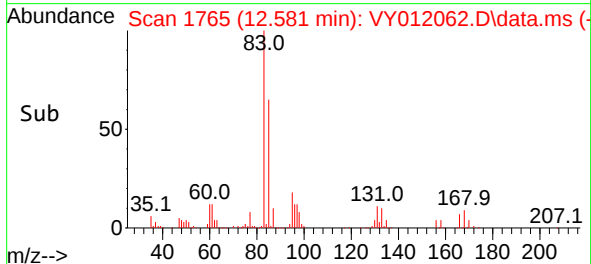
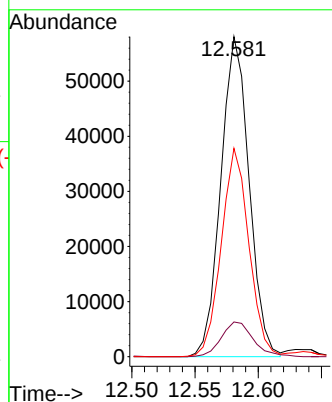
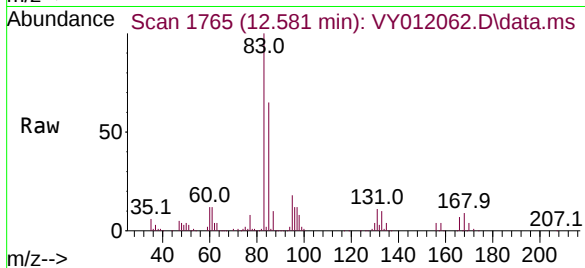
Tgt Ion: 83 Resp: 90218

Ion Ratio Lower Upper

83 100

131 12.2 5.6 16.8

85 63.6 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 71.851 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY012062.D

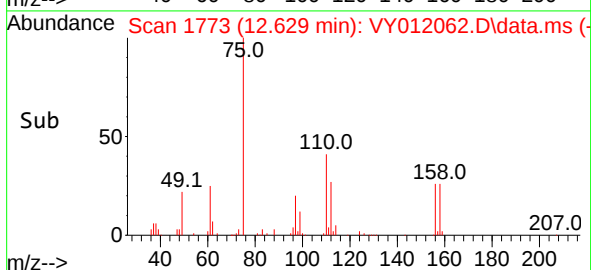
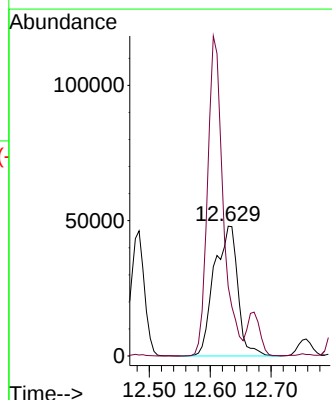
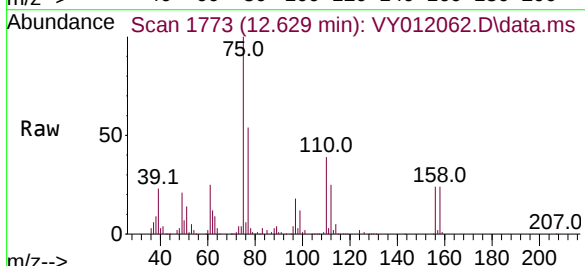
Acq: 04 Jan 2023 11:12

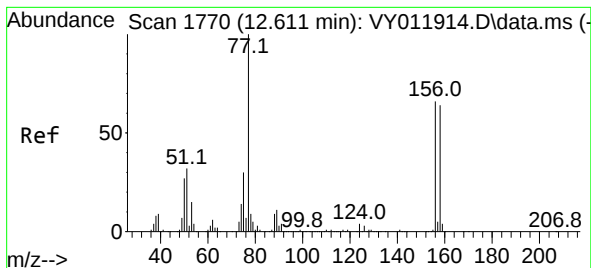
Tgt Ion: 75 Resp: 129180

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.953 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY012062.D

Acq: 04 Jan 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

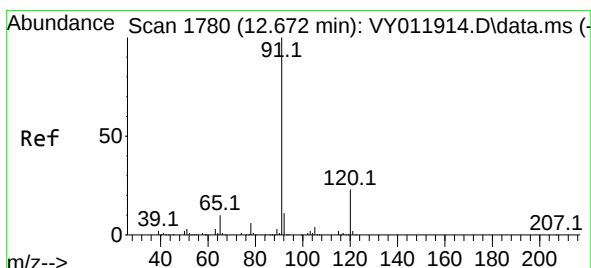
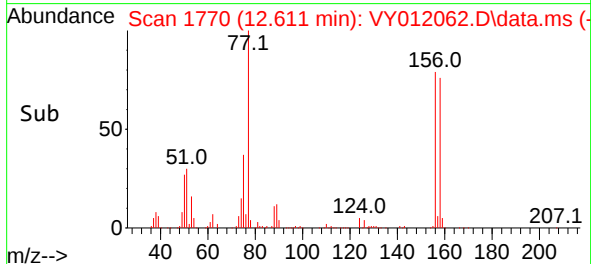
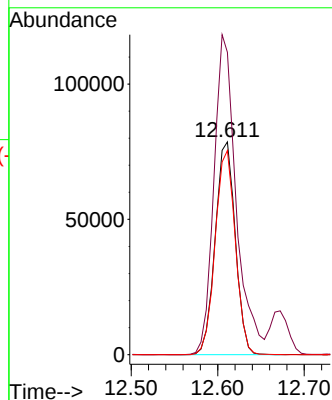
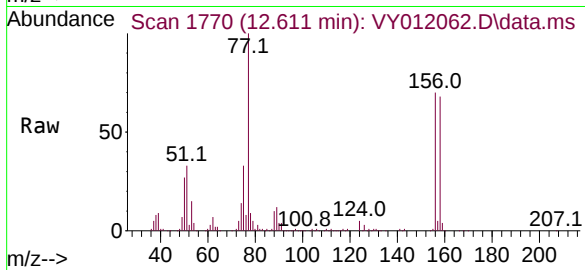
Tgt Ion:156 Resp: 126389

Ion Ratio Lower Upper

156 100

77 167.4 90.0 270.0

158 96.4 48.4 145.2



#78

n-propylbenzene

Concen: 48.083 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY012062.D

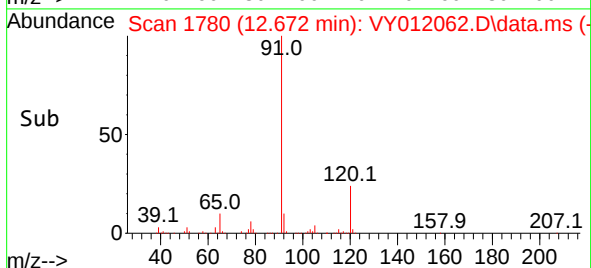
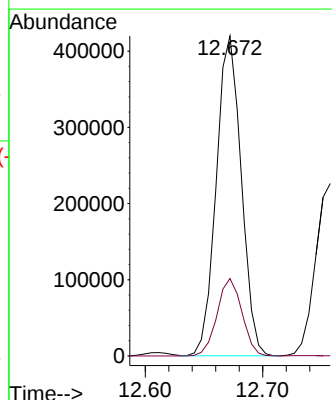
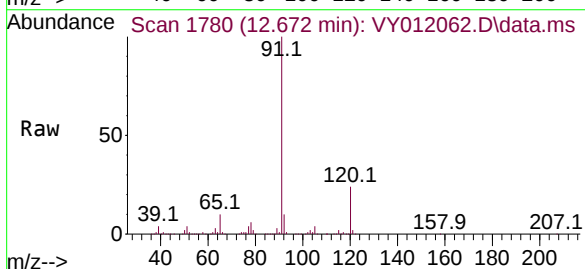
Acq: 04 Jan 2023 11:12

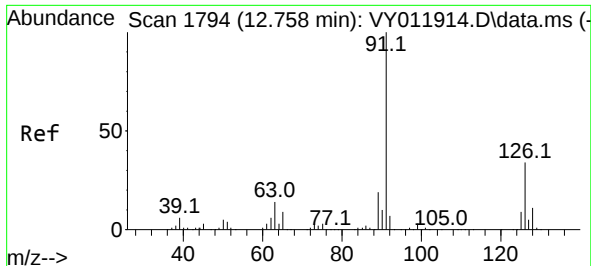
Tgt Ion: 91 Resp: 619679

Ion Ratio Lower Upper

91 100

120 24.1 11.8 35.4





#79

2-Chlorotoluene

Concen: 48.799 ug/l

RT: 12.758 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VY012062.D

Acq: 04 Jan 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

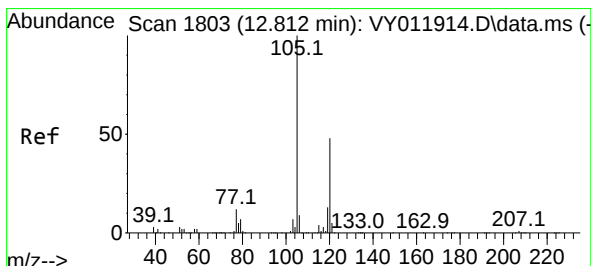
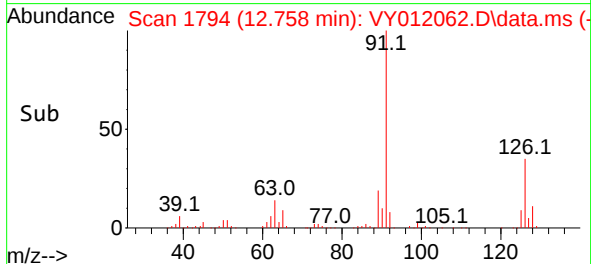
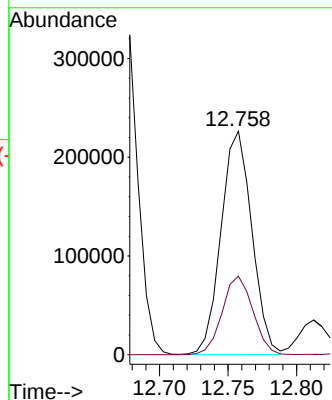
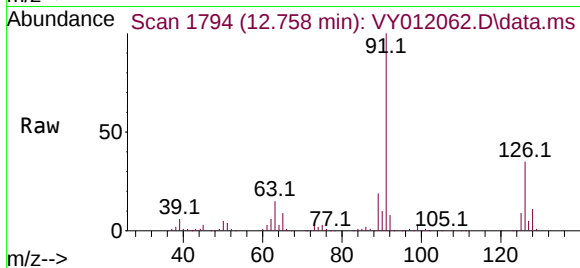
VSTDCCC050

Tgt Ion: 91 Resp: 353519

Ion Ratio Lower Upper

91 100

126 34.9 17.2 51.5



#80

1,3,5-Trimethylbenzene

Concen: 49.668 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY012062.D

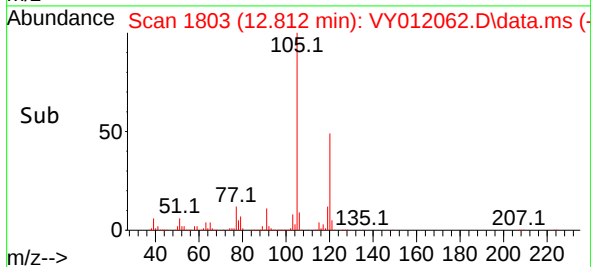
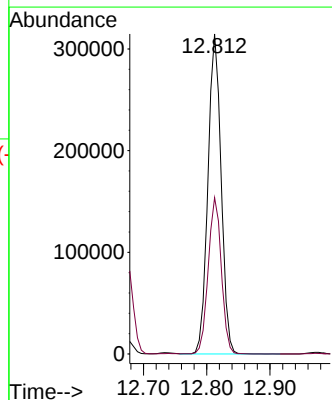
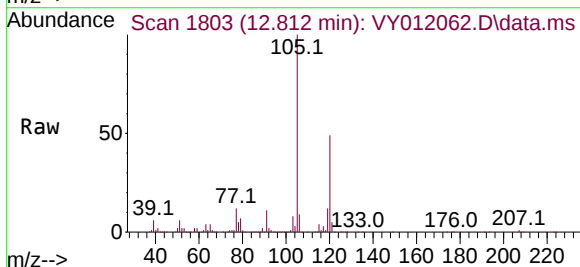
Acq: 04 Jan 2023 11:12

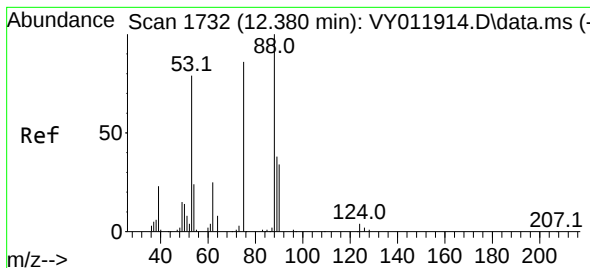
Tgt Ion: 105 Resp: 455934

Ion Ratio Lower Upper

105 100

120 48.6 24.2 72.6

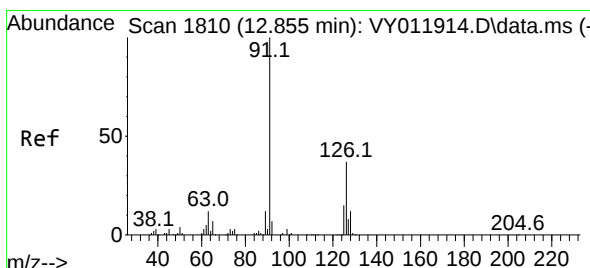
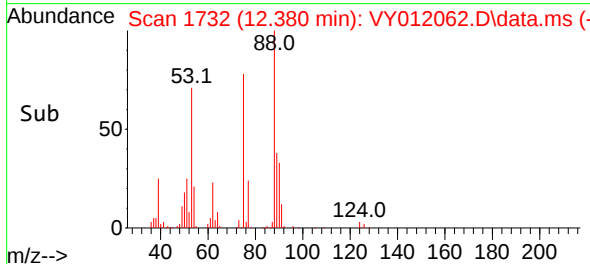
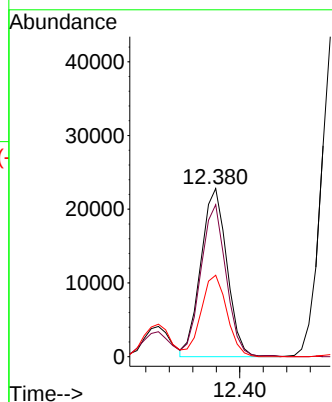
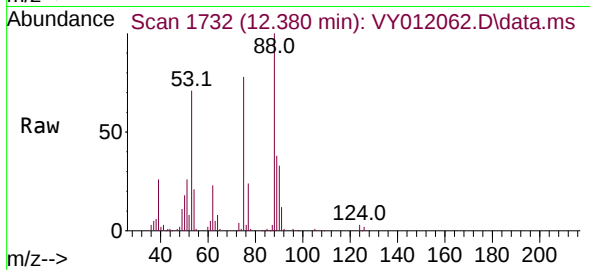




#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.725 ug/l
 RT: 12.380 min Scan# 1732
 Delta R.T. -0.000 min
 Lab File: VY012062.D
 Acq: 04 Jan 2023 11:12

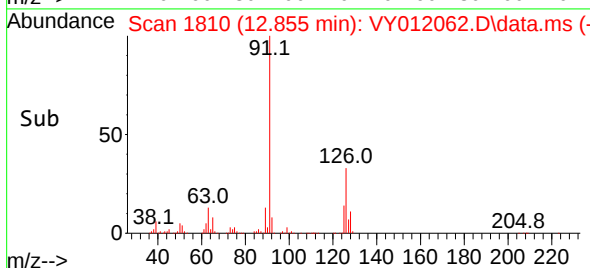
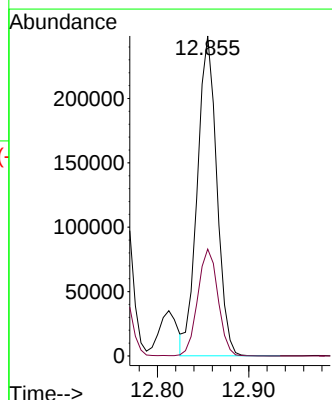
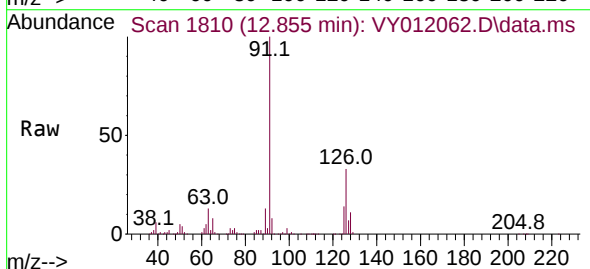
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

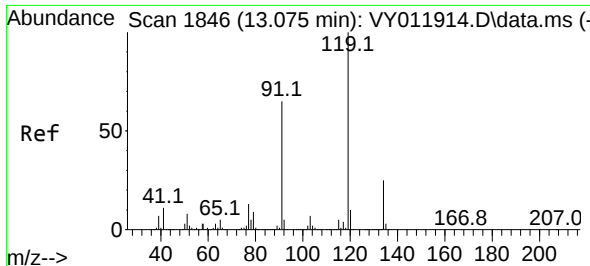
Tgt Ion: 75 Resp: 35272
 Ion Ratio Lower Upper
 75 100
 53 87.7 72.5 108.7
 89 48.1 37.0 55.4



#82
 4-Chlorotoluene
 Concen: 48.960 ug/l
 RT: 12.855 min Scan# 1810
 Delta R.T. -0.000 min
 Lab File: VY012062.D
 Acq: 04 Jan 2023 11:12

Tgt Ion: 91 Resp: 366979
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.1 51.2

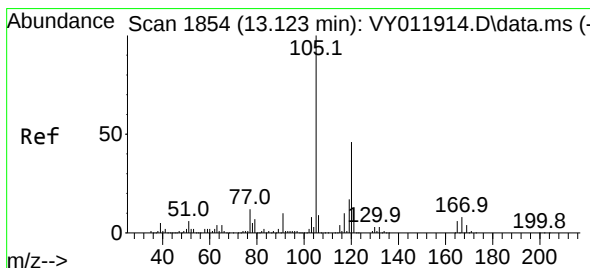
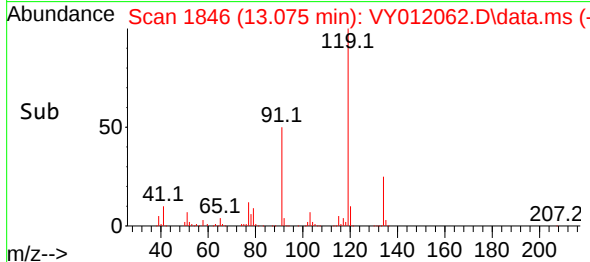
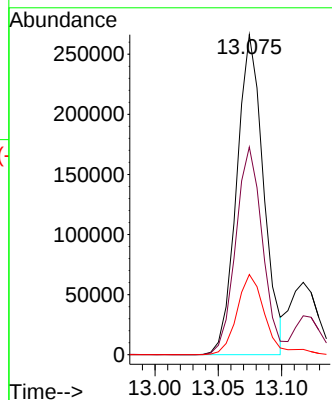
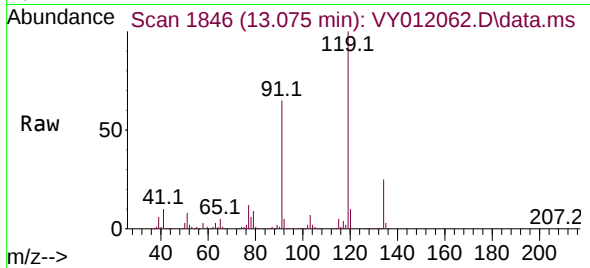




#83
tert-Butylbenzene
Concen: 50.561 ug/l
RT: 13.075 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY012062.D
Acq: 04 Jan 2023 11:12

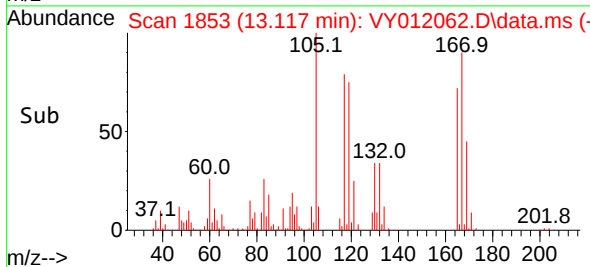
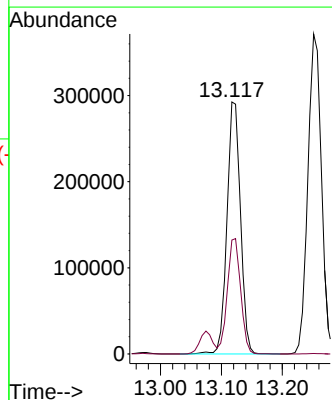
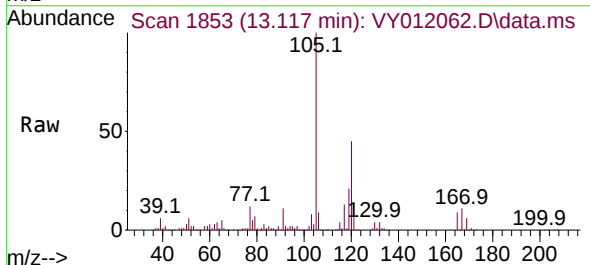
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

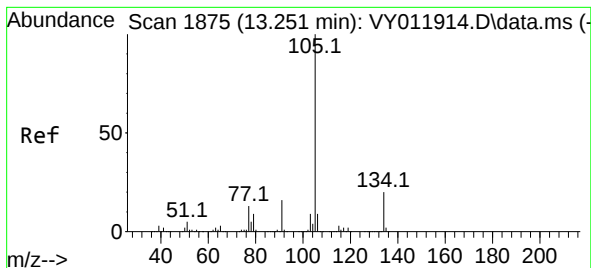
Tgt Ion:119 Resp: 393347
Ion Ratio Lower Upper
119 100
91 65.6 32.3 96.8
134 26.4 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 49.735 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY012062.D
Acq: 04 Jan 2023 11:12

Tgt Ion:105 Resp: 449147
Ion Ratio Lower Upper
105 100
120 45.2 22.9 68.7





#85

sec-Butylbenzene

Concen: 49.206 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY012062.D

Acq: 04 Jan 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

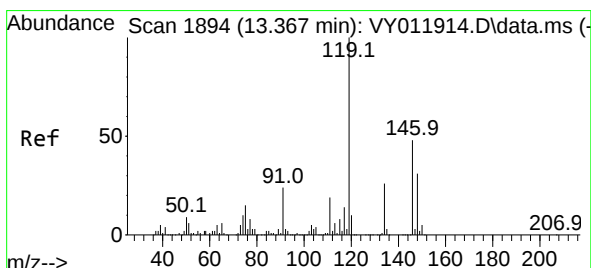
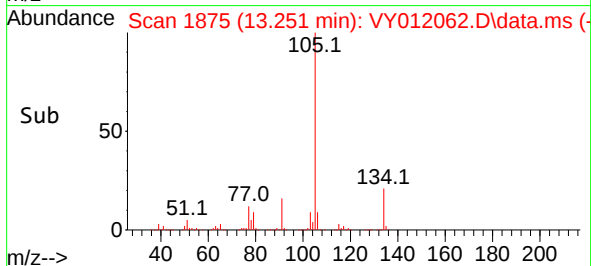
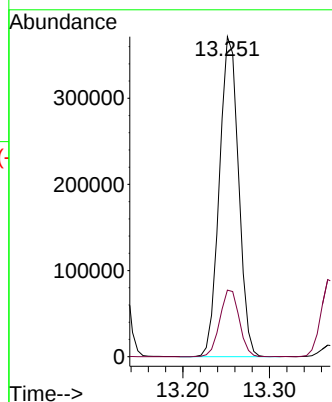
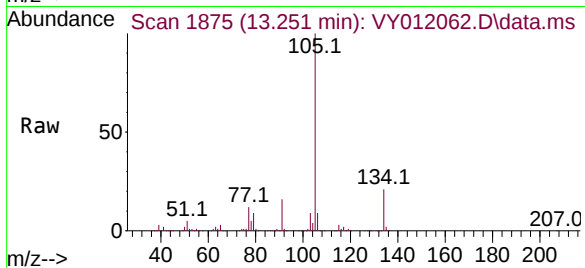
VSTDCCC050

Tgt Ion:105 Resp: 571627

Ion Ratio Lower Upper

105 100

134 21.0 10.1 30.3



#86

p-Isopropyltoluene

Concen: 50.929 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY012062.D

Acq: 04 Jan 2023 11:12

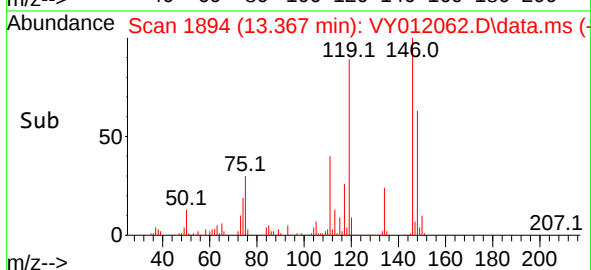
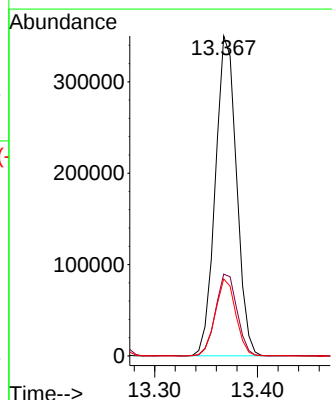
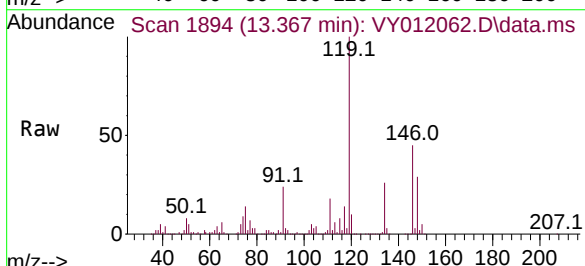
Tgt Ion:119 Resp: 499215

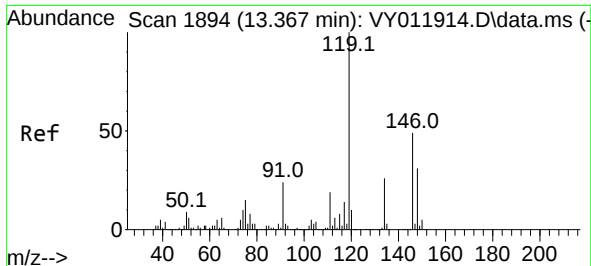
Ion Ratio Lower Upper

119 100

134 26.1 13.0 39.0

91 23.4 11.9 35.9

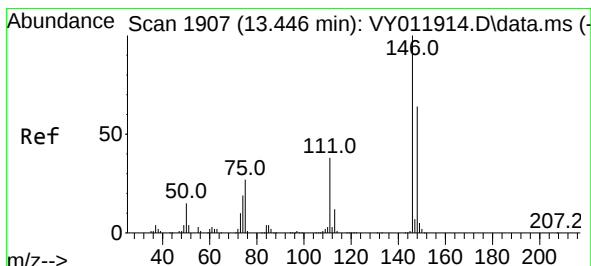
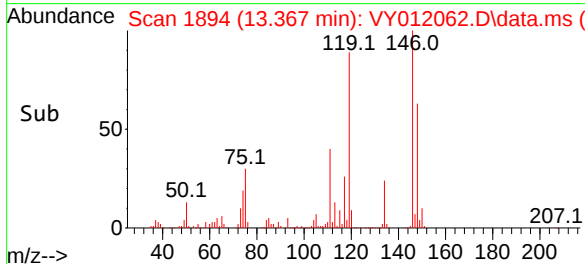
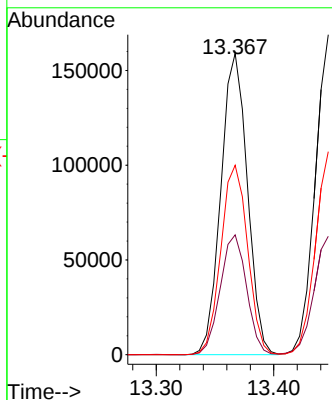
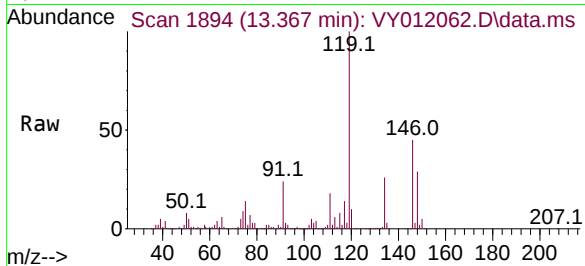




#87
1,3-Dichlorobenzene
Concen: 49.952 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY012062.D
Acq: 04 Jan 2023 11:12

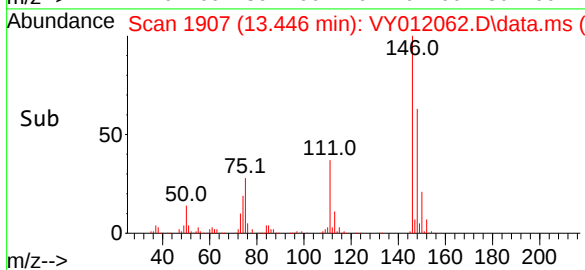
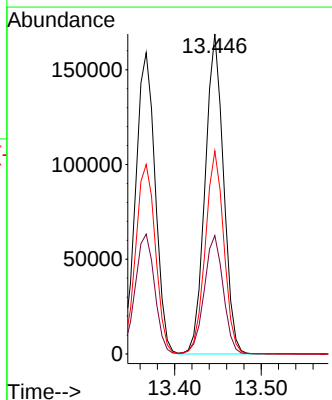
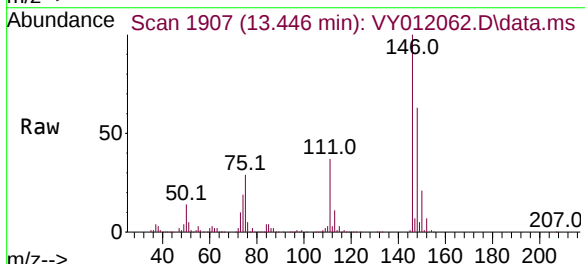
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

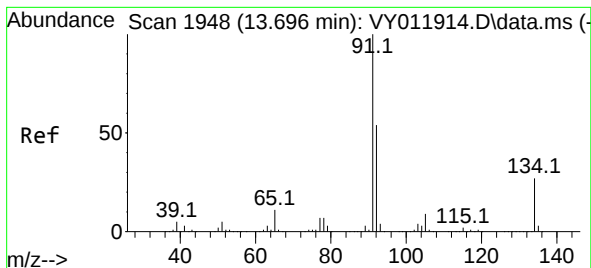
Tgt Ion:146 Resp: 249188
Ion Ratio Lower Upper
146 100
111 39.7 19.7 59.0
148 63.7 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 50.288 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY012062.D
Acq: 04 Jan 2023 11:12

Tgt Ion:146 Resp: 249392
Ion Ratio Lower Upper
146 100
111 38.2 19.6 58.7
148 63.8 31.9 95.7





#89

n-Butylbenzene

Concen: 49.423 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY012062.D

Acq: 04 Jan 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

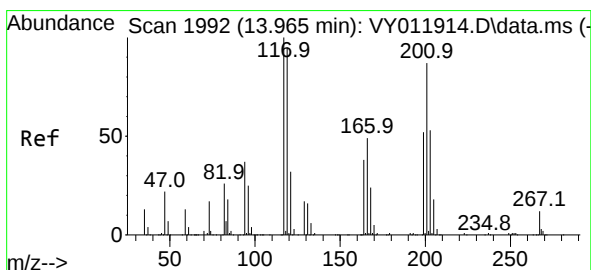
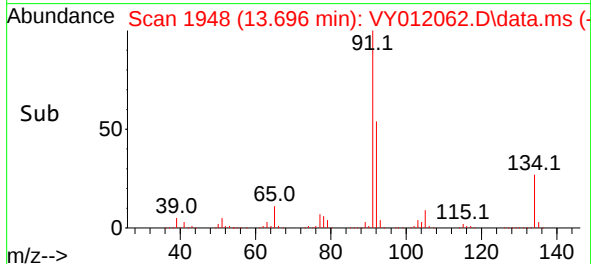
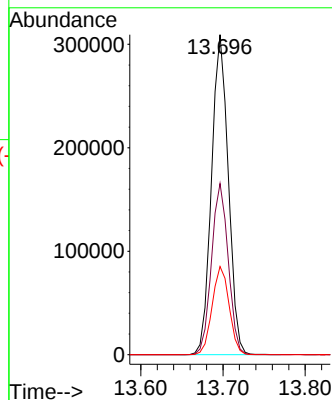
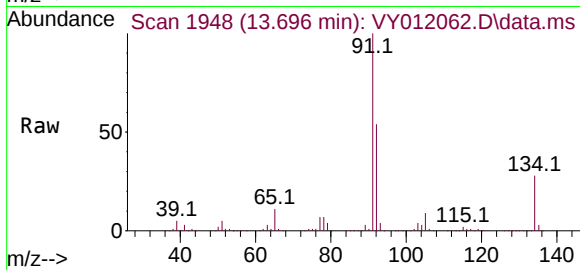
Tgt Ion: 91 Resp: 438562

Ion Ratio Lower Upper

91 100

92 53.3 26.8 80.4

134 27.8 13.3 39.8



#90

Hexachloroethane

Concen: 48.640 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY012062.D

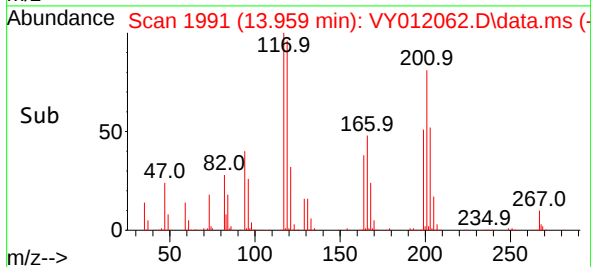
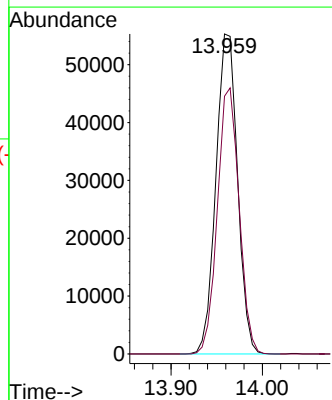
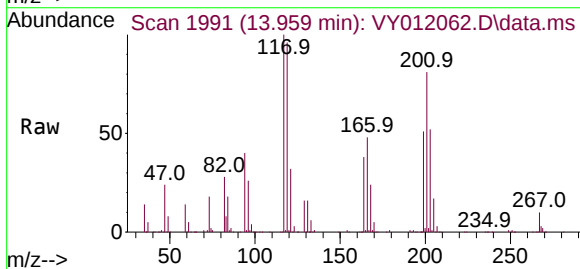
Acq: 04 Jan 2023 11:12

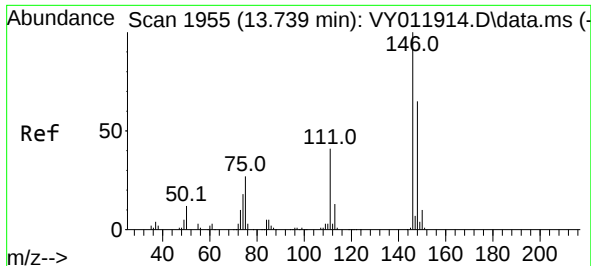
Tgt Ion: 117 Resp: 90973

Ion Ratio Lower Upper

117 100

201 83.5 40.3 120.8

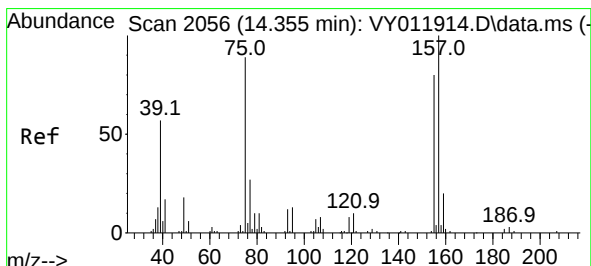
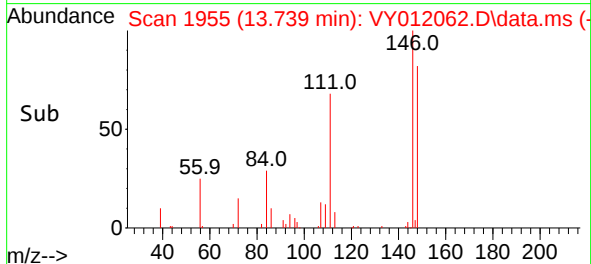
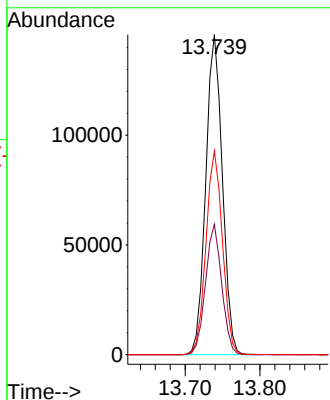
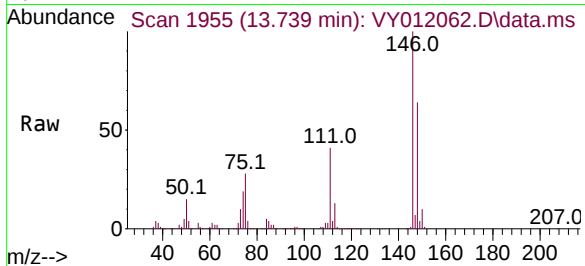




#91
1,2-Dichlorobenzene
Concen: 51.745 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY012062.D
Acq: 04 Jan 2023 11:12

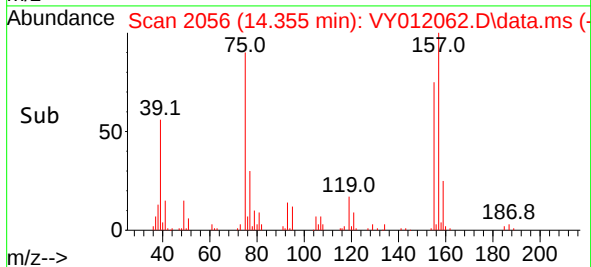
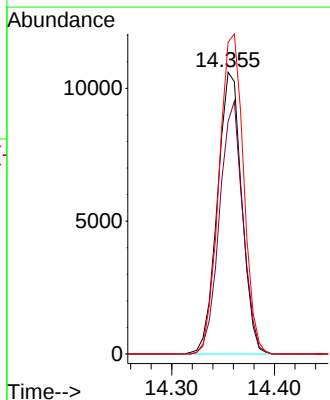
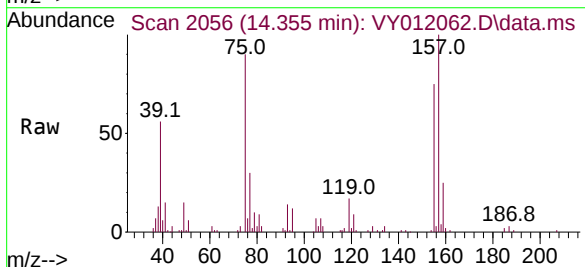
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

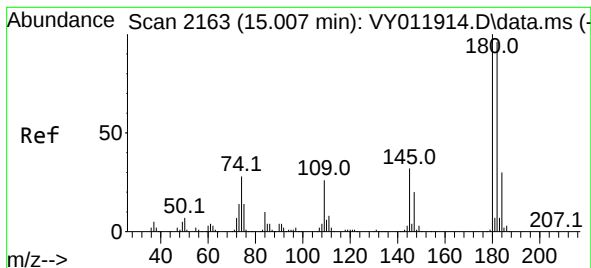
Tgt Ion:146 Resp: 225040
Ion Ratio Lower Upper
146 100
111 39.8 20.3 60.8
148 63.3 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 56.567 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY012062.D
Acq: 04 Jan 2023 11:12

Tgt Ion: 75 Resp: 17388
Ion Ratio Lower Upper
75 100
155 86.0 42.3 126.8
157 114.4 54.4 163.3





#93

1,2,4-Trichlorobenzene

Concen: 56.061 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY012062.D

Acq: 04 Jan 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

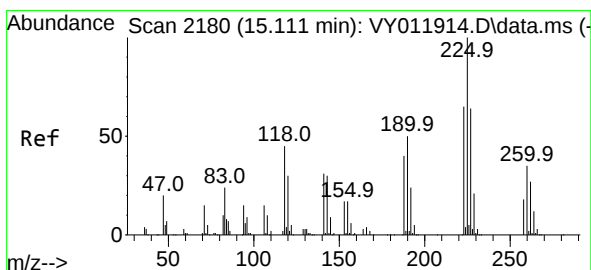
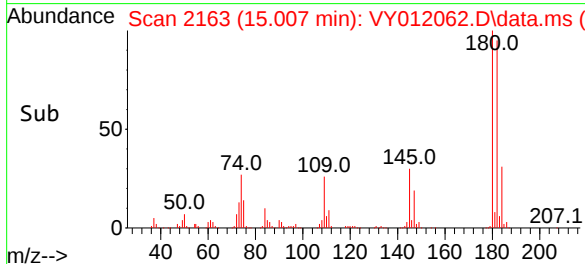
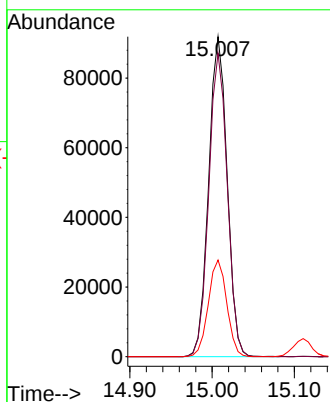
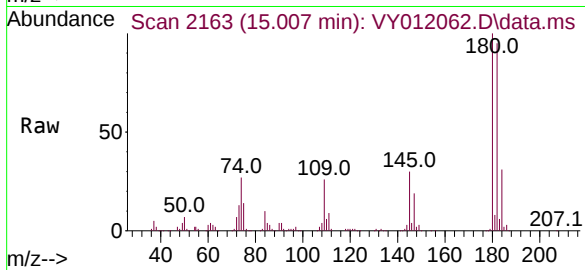
Tgt Ion:180 Resp: 143420

Ion Ratio Lower Upper

180 100

182 94.8 48.1 144.3

145 30.2 15.4 46.4



#94

Hexachlorobutadiene

Concen: 52.186 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY012062.D

Acq: 04 Jan 2023 11:12

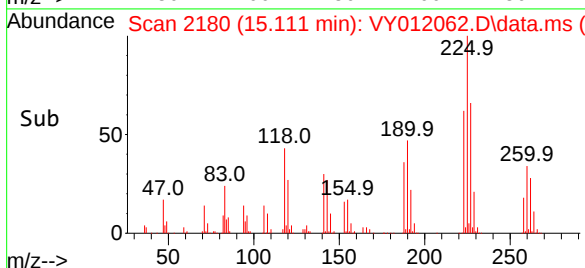
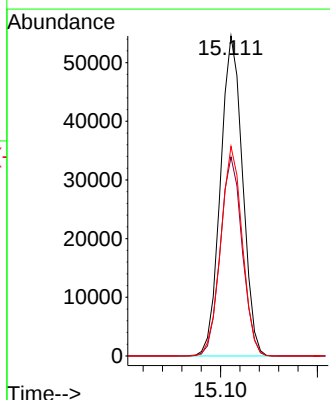
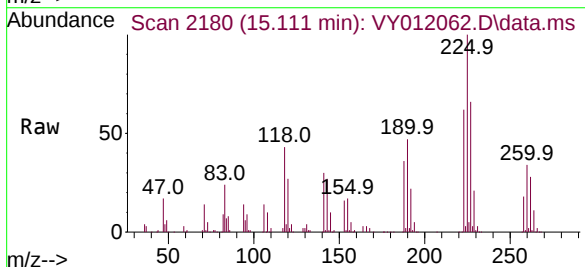
Tgt Ion:225 Resp: 86267

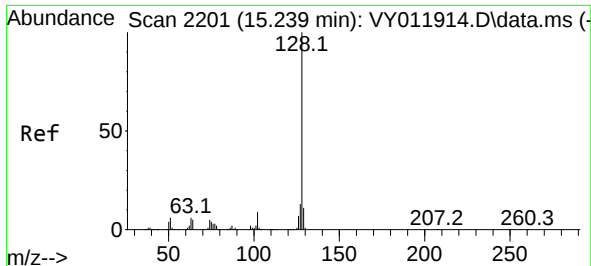
Ion Ratio Lower Upper

225 100

223 61.6 31.4 94.2

227 63.8 32.6 97.8

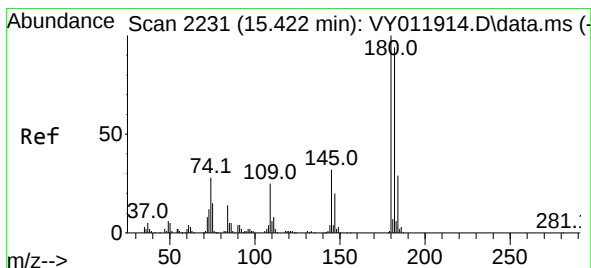
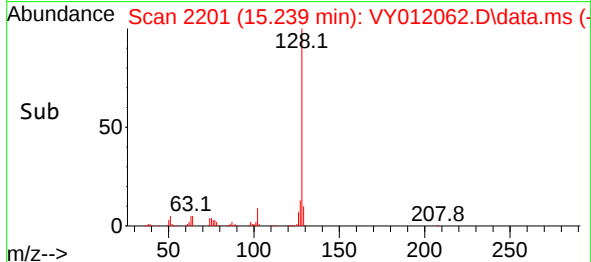
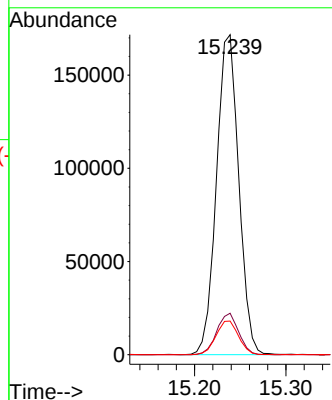
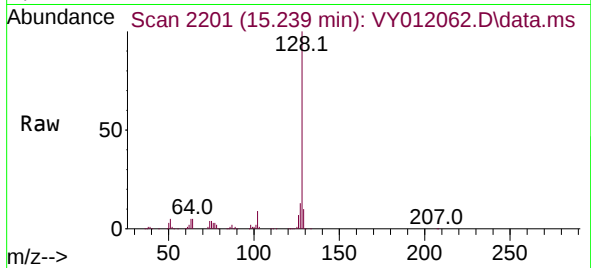




#95
Naphthalene
Concen: 54.483 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY012062.D
Acq: 04 Jan 2023 11:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 291321
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 57.640 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY012062.D
Acq: 04 Jan 2023 11:12

Tgt Ion:180 Resp: 124674
Ion Ratio Lower Upper
180 100
182 95.5 47.9 143.7
145 31.9 16.1 48.2

