

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032323\
 Data File : VY013055.D
 Acq On : 23 Mar 2023 11:42
 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: Mar 24 04:57:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	116072	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	172879	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	153214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79951	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	56956	49.422	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.840%
35) Dibromofluoromethane	7.716	113	61198	58.657	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.320%
50) Toluene-d8	10.179	98	196651	51.558	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.120%
62) 4-Bromofluorobenzene	12.483	95	74297	57.712	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	115.420%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	58328	50.983	ug/l	100
3) Chloromethane	2.113	50	55896	40.868	ug/l	100
4) Vinyl Chloride	2.253	62	58719	46.818	ug/l	99
5) Bromomethane	2.650	94	36319	47.657	ug/l	94
6) Chloroethane	2.796	64	36060	48.008	ug/l	100
7) Trichlorofluoromethane	3.125	101	87276	41.898	ug/l	98
8) Diethyl Ether	3.528	74	33689	46.151	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.893	101	62986	50.258	ug/l	99
10) Methyl Iodide	4.088	142	82289	50.393	ug/l	100
11) Tert butyl alcohol	4.942	59	25858	190.290	ug/l	98
12) 1,1-Dichloroethene	3.875	96	59949	50.155	ug/l	99
13) Acrolein	3.723	56	34682	171.772	ug/l	100
14) Allyl chloride	4.479	41	108499	49.141	ug/l	99
15) Acrylonitrile	5.155	53	88219	229.363	ug/l	98
16) Acetone	3.942	43	102390	226.355	ug/l	98
17) Carbon Disulfide	4.192	76	193630	47.592	ug/l	100
18) Methyl Acetate	4.473	43	59920	44.482	ug/l	100
19) Methyl tert-butyl Ether	5.222	73	147604	47.809	ug/l	97
20) Methylene Chloride	4.716	84	72870	53.128	ug/l	99
21) trans-1,2-Dichloroethene	5.216	96	65572	50.482	ug/l	97
22) Diisopropyl ether	6.113	45	204410	50.972	ug/l	97
23) Vinyl Acetate	6.058	43	604561	242.628	ug/l	100
24) 1,1-Dichloroethane	6.015	63	115217	50.420	ug/l	99
25) 2-Butanone	6.978	43	123988	221.302	ug/l	96
26) 2,2-Dichloropropane	6.978	77	100861	49.696	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	70661	50.740	ug/l	100
28) Bromochloromethane	7.332	49	39863	47.735	ug/l	99
29) Tetrahydrofuran	7.344	42	74231	219.679	ug/l	99
30) Chloroform	7.503	83	115346	51.102	ug/l	98
31) Cyclohexane	7.783	56	104287	47.250	ug/l	94
32) 1,1,1-Trichloroethane	7.698	97	104463	51.176	ug/l	100
36) 1,1-Dichloropropene	7.917	75	90747	51.903	ug/l	100
37) Ethyl Acetate	7.070	43	50140	45.500	ug/l	99
38) Carbon Tetrachloride	7.899	117	97085	53.772	ug/l	99
39) Methylcyclohexane	9.185	83	109211	52.541	ug/l	98
40) Benzene	8.161	78	256032	51.769	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	69868	117.679	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	75248	50.607	ug/l	99
43) Isopropyl Acetate	8.271	43	91978	46.783	ug/l	98
44) Trichloroethene	8.941	130	68045	52.184	ug/l	97
45) 1,2-Dichloropropane	9.216	63	64380	51.508	ug/l	96
46) Dibromomethane	9.301	93	36180	50.809	ug/l	99
47) Bromodichloromethane	9.496	83	86645	51.635	ug/l	96
48) Methyl methacrylate	9.289	41	44285	48.885	ug/l	98
49) 1,4-Dioxane	9.301	88	9169	996.053	ug/l	98
51) 4-Methyl-2-Pentanone	10.069	43	248916	233.403	ug/l	100
52) Toluene	10.246	92	160059	53.663	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	90054	51.165	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	102630	51.516	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	50000	50.420	ug/l	96
56) Ethyl methacrylate	10.508	69	65617	49.624	ug/l	99
57) 1,3-Dichloropropane	10.789	76	85508	50.625	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	164648	237.196	ug/l	99
59) 2-Hexanone	10.831	43	182826	235.878	ug/l	99
60) Dibromochloromethane	10.984	129	61979	51.344	ug/l	99
61) 1,2-Dibromoethane	11.087	107	47020	49.222	ug/l	100
64) Tetrachloroethene	10.721	164	59522	53.359	ug/l	98
65) Chlorobenzene	11.514	112	167551	52.106	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	62118	52.206	ug/l	99
67) Ethyl Benzene	11.593	91	304612	53.880	ug/l	99
68) m/p-Xylenes	11.703	106	235347	108.211	ug/l	100
69) o-Xylene	12.032	106	111456	54.910	ug/l	96
70) Styrene	12.044	104	185065	54.635	ug/l	99
71) Bromoform	12.209	173	38982	50.248	ug/l #	97
73) Isopropylbenzene	12.331	105	293679	51.830	ug/l	100
74) N-amyl acetate	12.142	43	80794	45.319	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	59458	46.681	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	76668	80.302	ug/l #	100
77) Bromobenzene	12.611	156	68782	49.969	ug/l	97
78) n-propylbenzene	12.672	91	364232	52.139	ug/l	100
79) 2-Chlorotoluene	12.758	91	199428	51.365	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	243176	52.004	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	20814	45.172	ug/l	98
82) 4-Chlorotoluene	12.855	91	207273	51.572	ug/l	99
83) tert-Butylbenzene	13.075	119	209945	52.018	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	240768	52.655	ug/l	99
85) sec-Butylbenzene	13.251	105	323165	52.485	ug/l	99
86) p-Isopropyltoluene	13.373	119	265609	52.781	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	136753	51.511	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	134787	49.746	ug/l	99
89) n-Butylbenzene	13.697	91	253844	52.693	ug/l	100
90) Hexachloroethane	13.965	117	50577	48.256	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	121409	50.590	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8166	39.669	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	62156	42.065	ug/l	98
94) Hexachlorobutadiene	15.111	225	39639	43.983	ug/l	99
95) Naphthalene	15.239	128	123606	41.745	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	56853	43.262	ug/l	99

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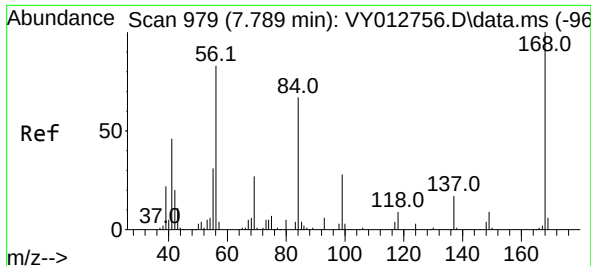
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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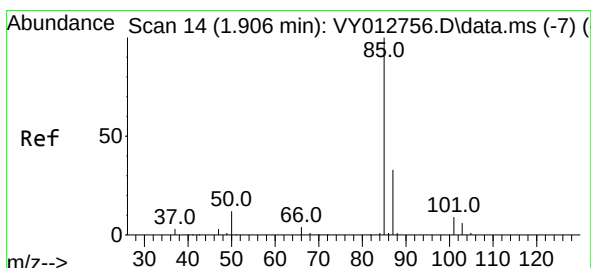
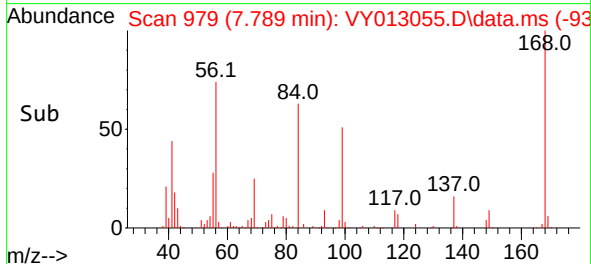
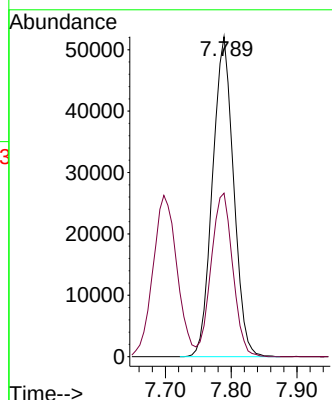
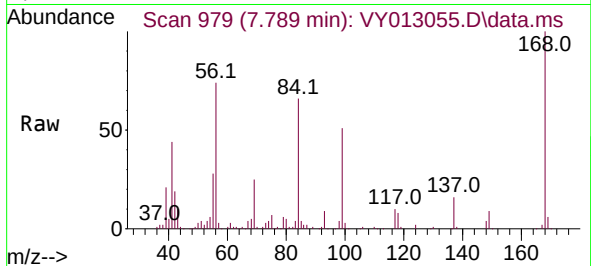




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013055.D
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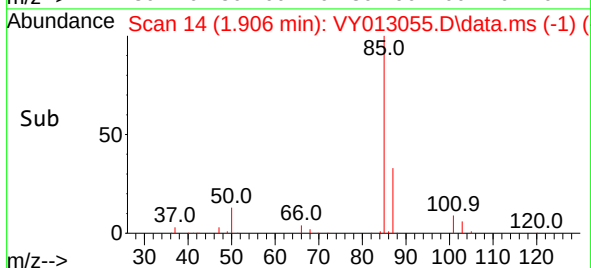
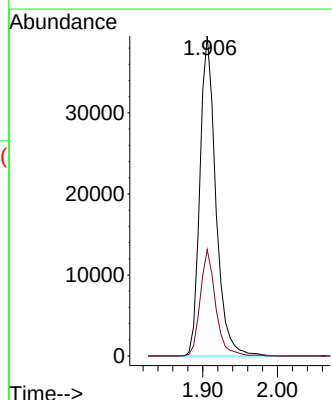
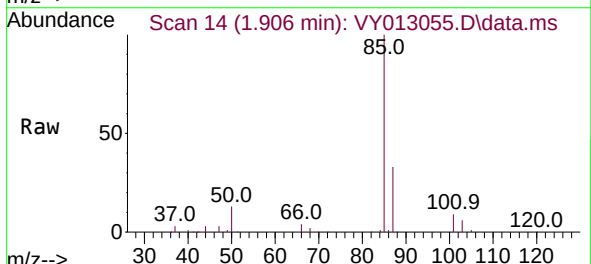
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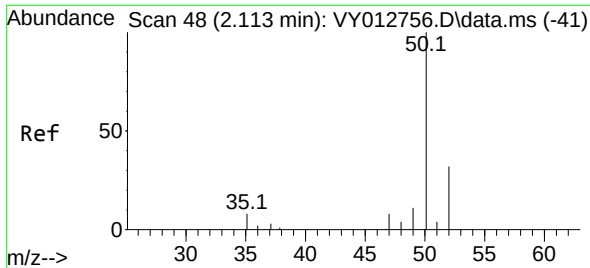
Tgt Ion:168 Resp: 116072
Ion Ratio Lower Upper
168 100
99 51.1 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 50.983 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013055.D
Acq: 23 Mar 2023 11:42

Tgt Ion: 85 Resp: 58328
Ion Ratio Lower Upper
85 100
87 33.2 16.7 50.0

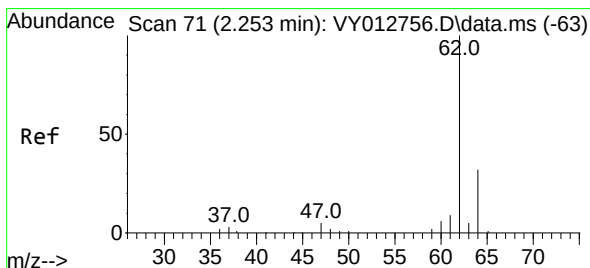
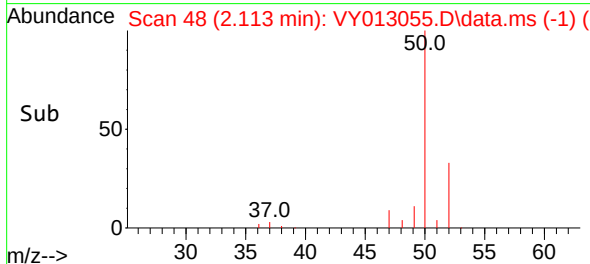
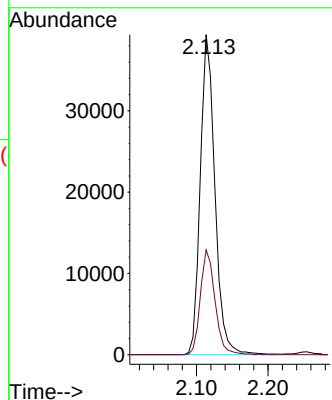
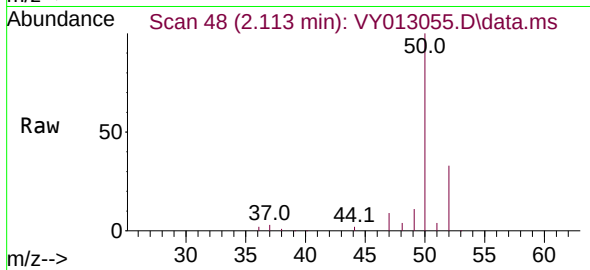




#3
Chloromethane
Concen: 40.868 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013055.D
Acq: 23 Mar 2023 11:42

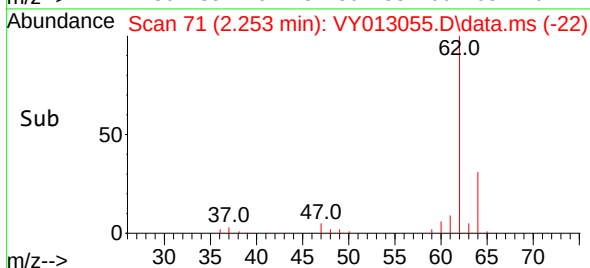
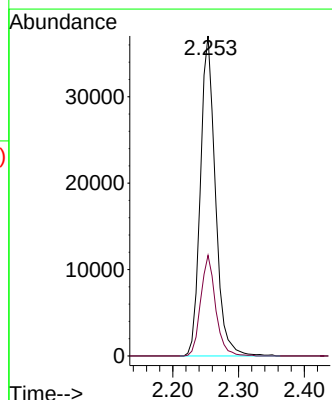
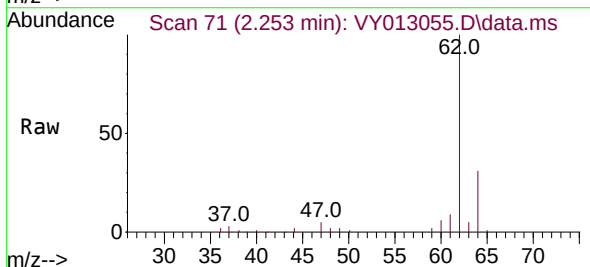
Instrument :
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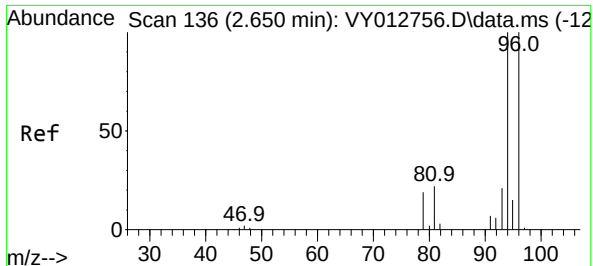
Tgt Ion: 50 Resp: 55896
Ion Ratio Lower Upper
50 100
52 32.8 26.0 39.0



#4
Vinyl Chloride
Concen: 46.818 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY013055.D
Acq: 23 Mar 2023 11:42

Tgt Ion: 62 Resp: 58719
Ion Ratio Lower Upper
62 100
64 31.5 25.6 38.4

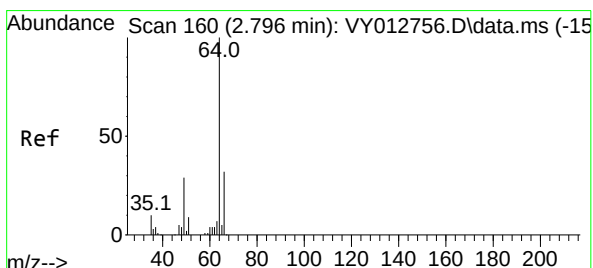
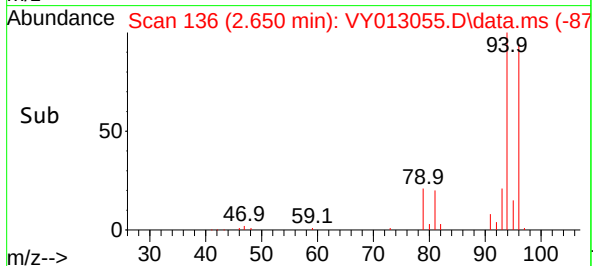
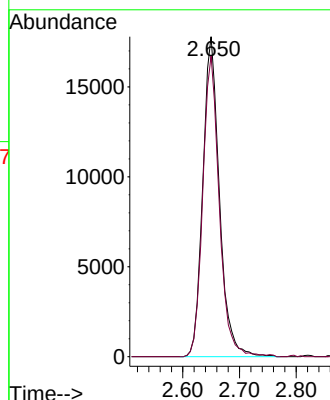
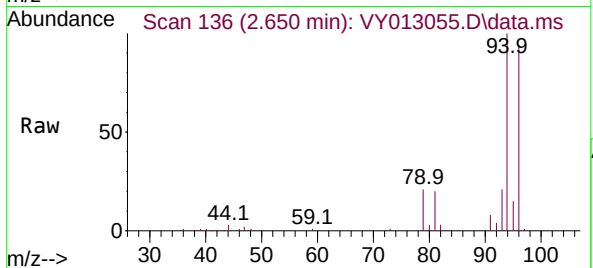




#5
Bromomethane
Concen: 47.657 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013055.D
Acq: 23 Mar 2023 11:42

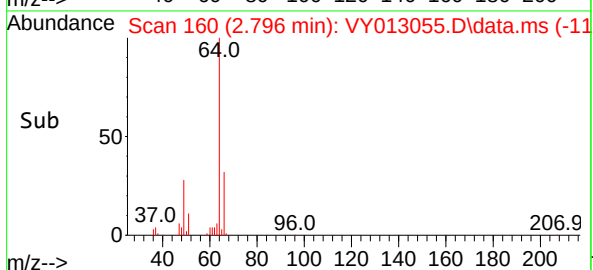
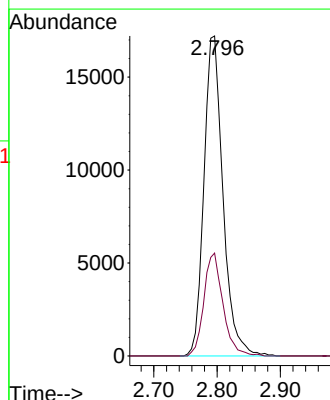
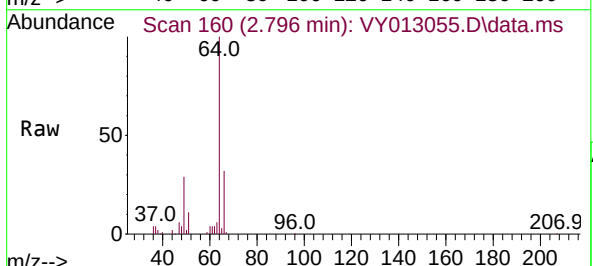
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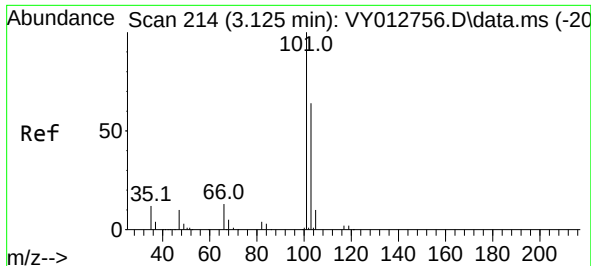
Tgt Ion: 94 Resp: 36319
Ion Ratio Lower Upper
94 100
96 93.9 80.3 120.5



#6
Chloroethane
Concen: 48.008 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY013055.D
Acq: 23 Mar 2023 11:42

Tgt Ion: 64 Resp: 36060
Ion Ratio Lower Upper
64 100
66 32.1 25.7 38.5

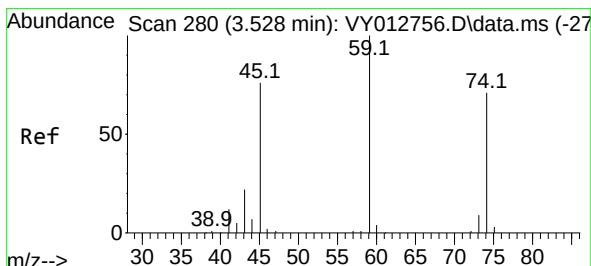
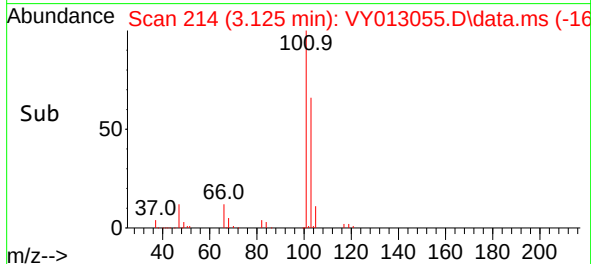
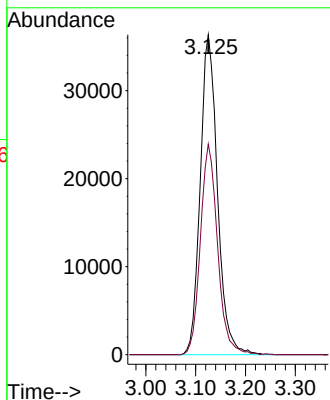
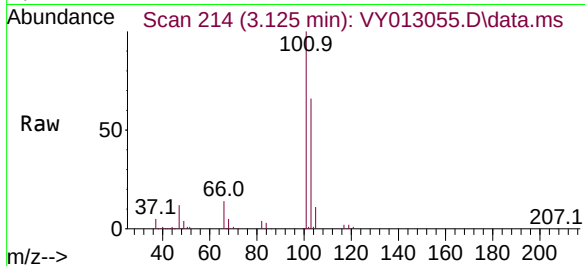




#7
 Trichlorofluoromethane
 Concen: 41.898 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY013055.D
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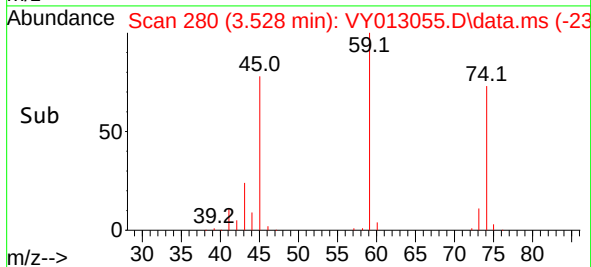
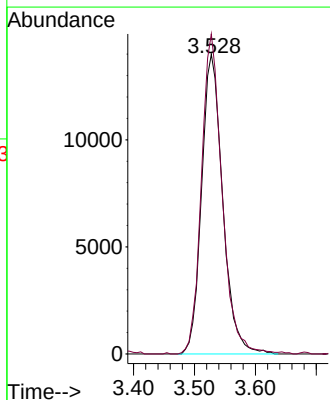
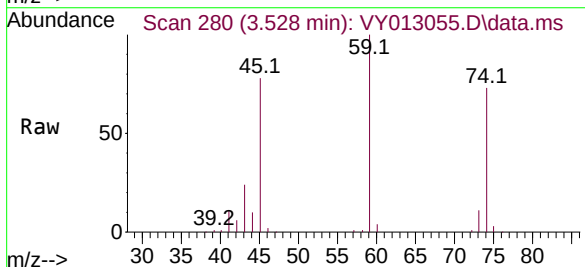
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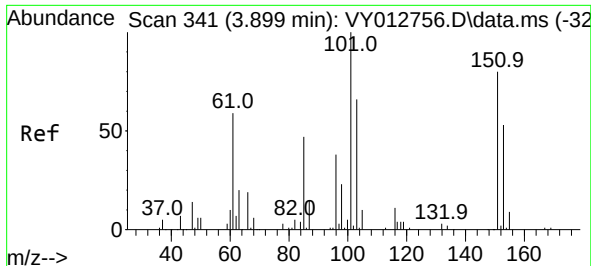
Tgt Ion: 101 Resp: 87276
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.5 77.3



#8
 Diethyl Ether
 Concen: 46.151 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. -0.000 min
 Lab File: VY013055.D
 Acq: 23 Mar 2023 11:42

Tgt Ion: 74 Resp: 33689
 Ion Ratio Lower Upper
 74 100
 45 104.9 52.1 156.4

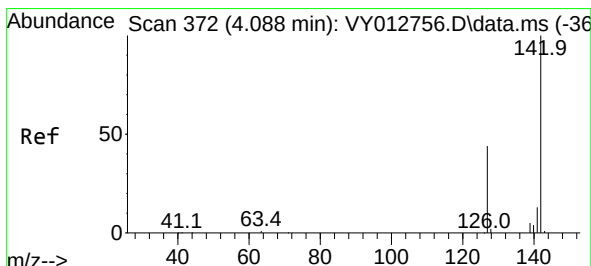
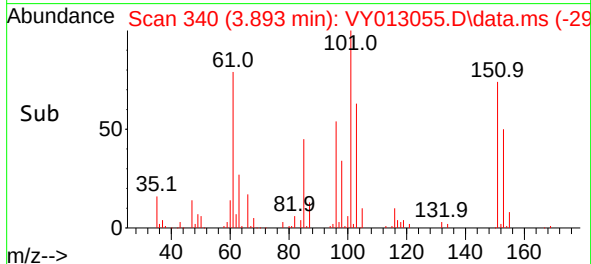
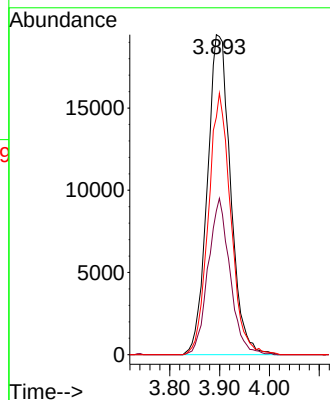
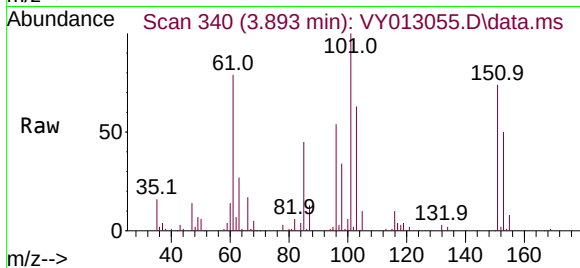




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.258 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
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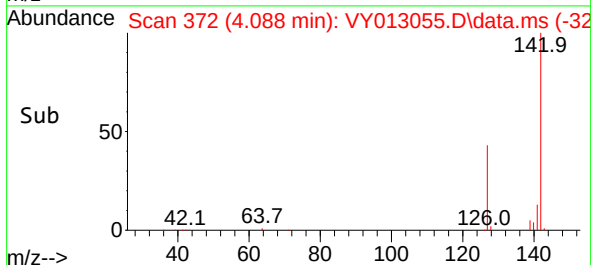
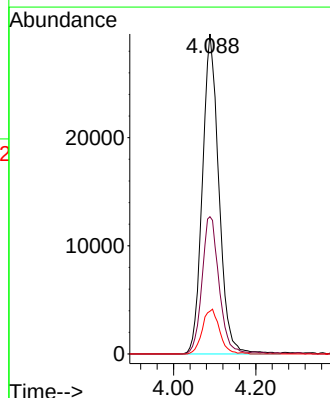
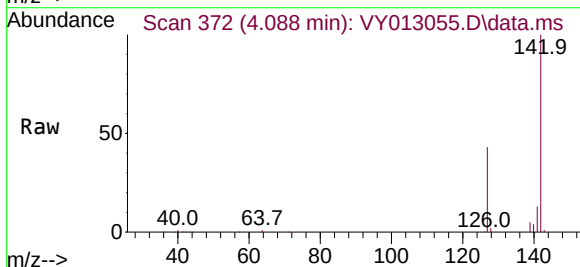
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

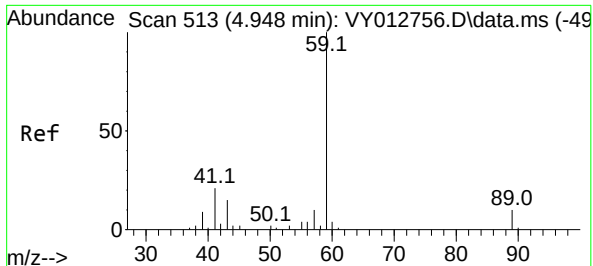
Tgt Ion:101 Resp: 62986
Ion Ratio Lower Upper
101 100
85 45.9 35.3 52.9
151 78.7 63.1 94.7



#10
Methyl Iodide
Concen: 50.393 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY013055.D
Acq: 23 Mar 2023 11:42

Tgt Ion:142 Resp: 82289
Ion Ratio Lower Upper
142 100
127 44.4 35.4 53.2
141 14.5 11.3 16.9





#11

Tert butyl alcohol

Concen: 190.290 ug/l

RT: 4.942 min Scan# 513

Delta R.T. -0.006 min

Lab File: VY013055.D

Acq: 23 Mar 2023 11:42

Instrument :

MSVOA_Y

ClientSampleId :

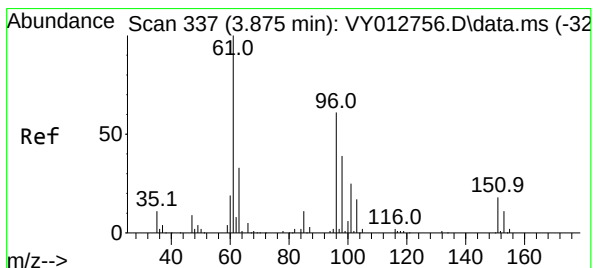
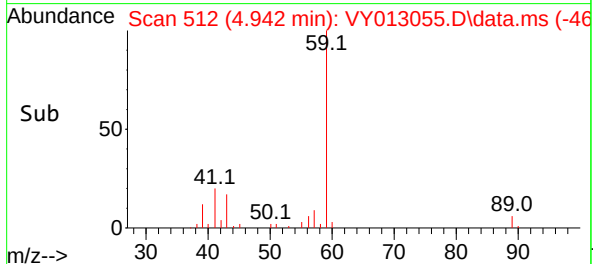
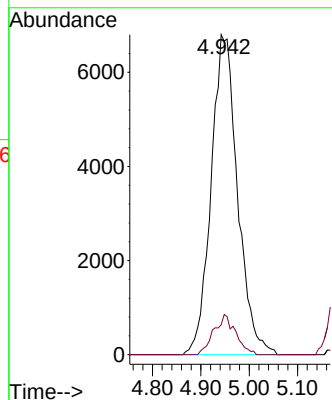
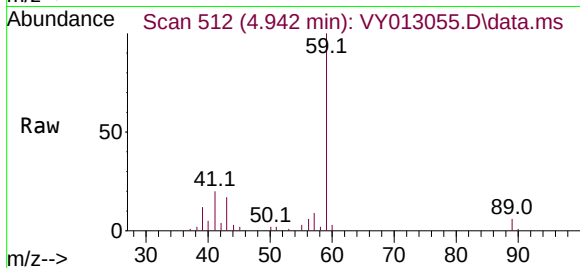
VSTDCCC050

Tgt Ion: 59 Resp: 25858

Ion Ratio Lower Upper

59 100

57 10.3 7.7 11.5



#12

1,1-Dichloroethene

Concen: 50.155 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.000 min

Lab File: VY013055.D

Acq: 23 Mar 2023 11:42

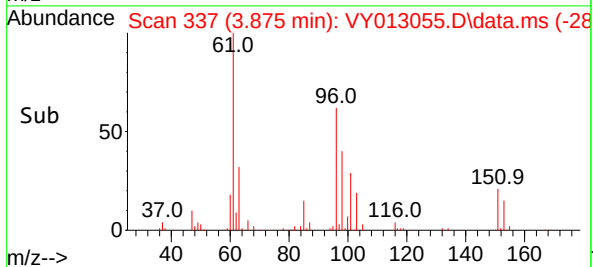
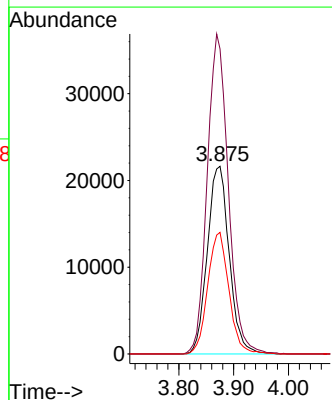
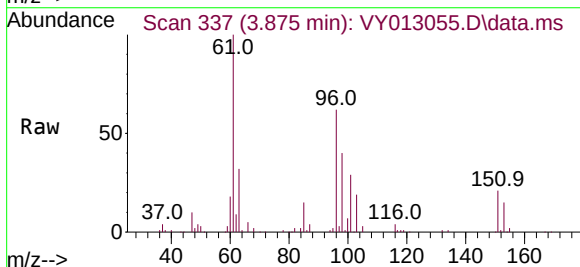
Tgt Ion: 96 Resp: 59949

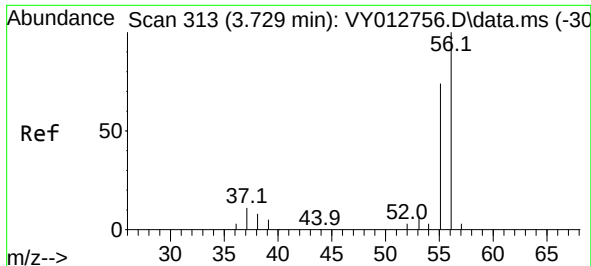
Ion Ratio Lower Upper

96 100

61 162.4 131.7 197.5

98 64.8 52.0 78.0

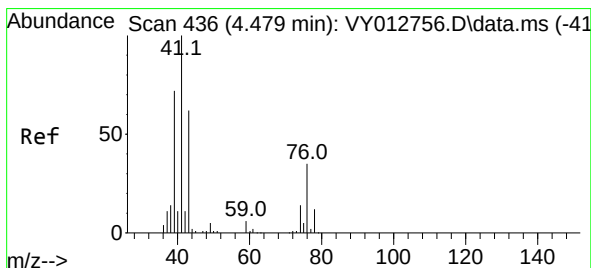
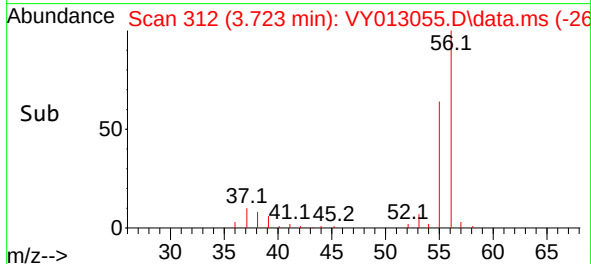
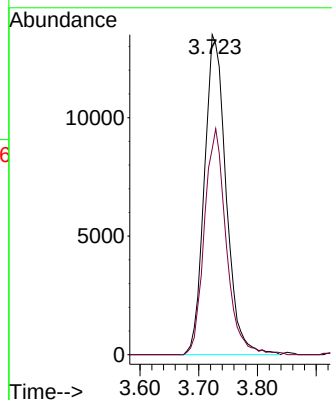
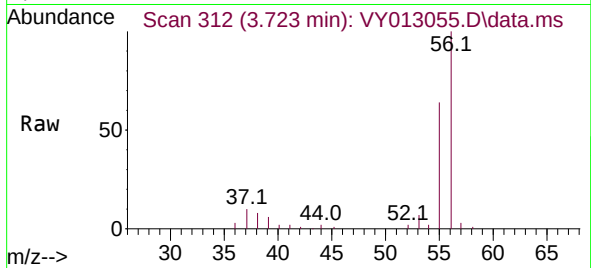




#13
Acrolein
Concen: 171.772 ug/l
RT: 3.723 min Scan# 313
Delta R.T. -0.006 min
Lab File: VY013055.D
Acq: 23 Mar 2023 11:42

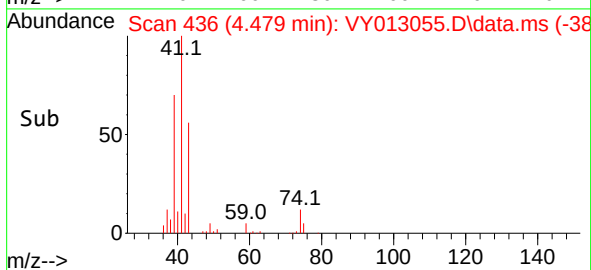
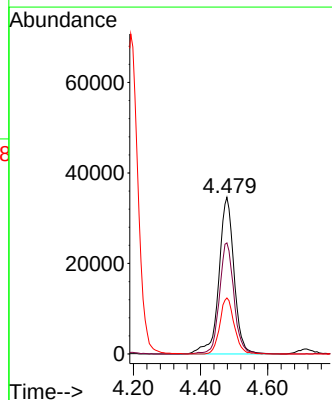
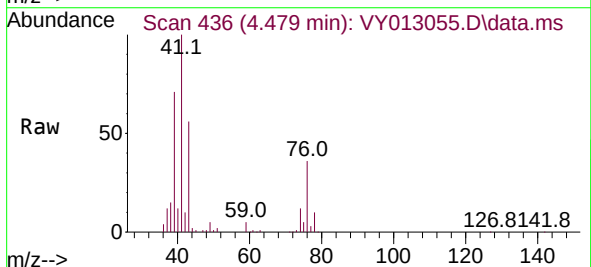
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

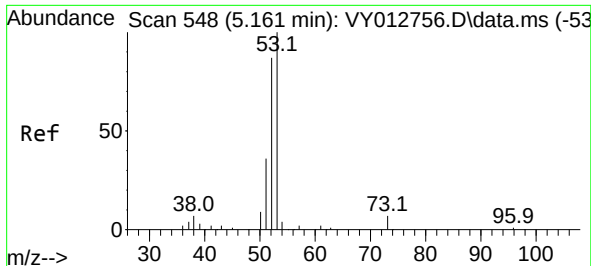
Tgt Ion: 56 Resp: 34682
Ion Ratio Lower Upper
56 100
55 71.1 56.8 85.2



#14
Allyl chloride
Concen: 49.141 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY013055.D
Acq: 23 Mar 2023 11:42

Tgt Ion: 41 Resp: 108499
Ion Ratio Lower Upper
41 100
39 68.1 53.6 80.4
76 33.9 27.2 40.8

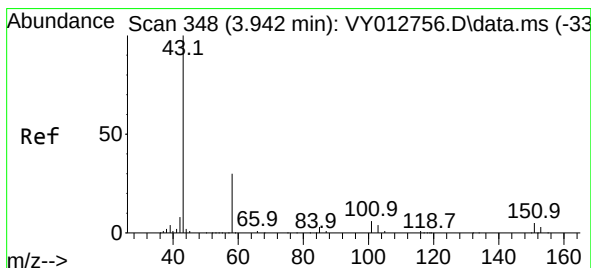
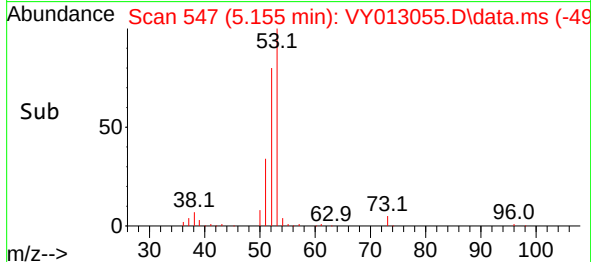
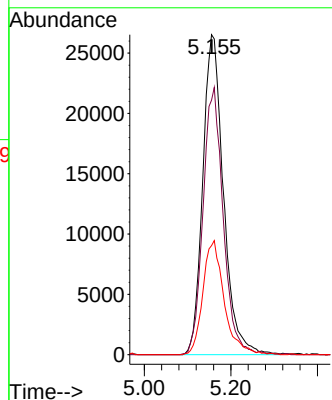
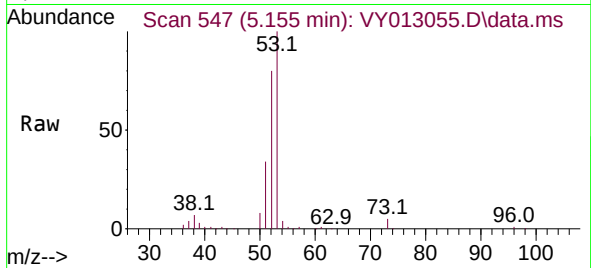




#15
Acrylonitrile
Concen: 229.363 ug/l
RT: 5.155 min Scan# 548
Delta R.T. -0.006 min
Lab File: VY013055.D
Acq: 23 Mar 2023 11:42

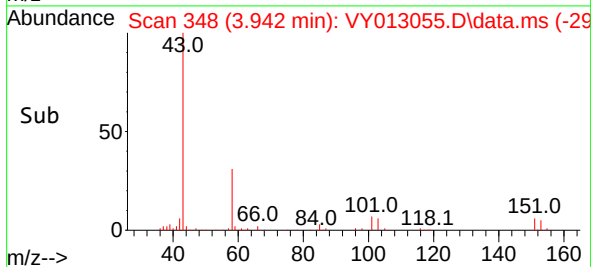
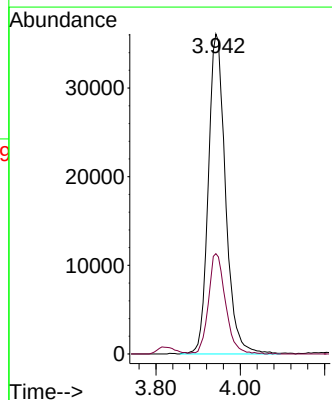
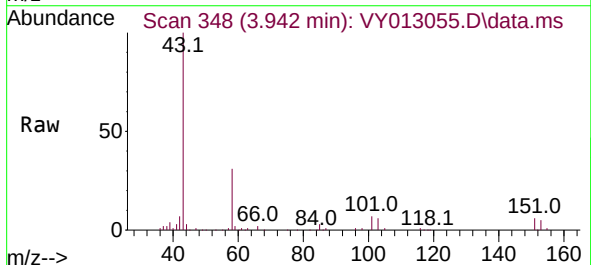
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

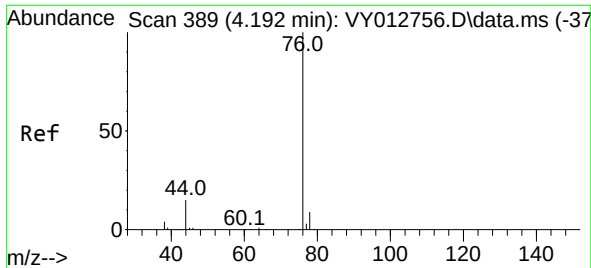
Tgt Ion: 53 Resp: 88219
Ion Ratio Lower Upper
53 100
52 80.8 66.3 99.5
51 36.7 28.8 43.2



#16
Acetone
Concen: 226.355 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY013055.D
Acq: 23 Mar 2023 11:42

Tgt Ion: 43 Resp: 102390
Ion Ratio Lower Upper
43 100
58 31.3 24.2 36.2

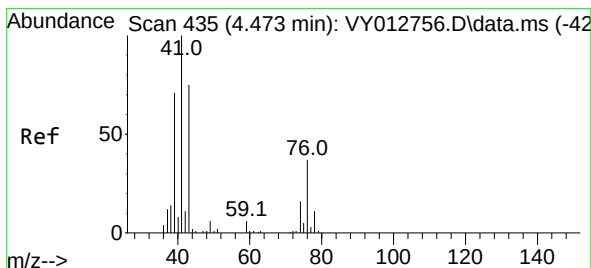
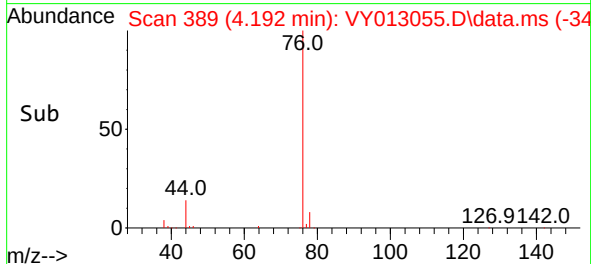
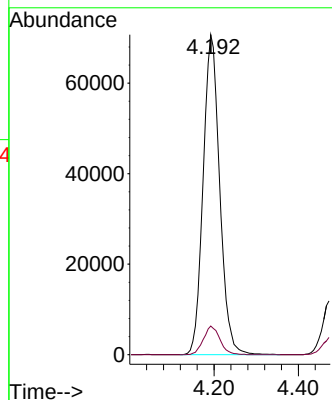
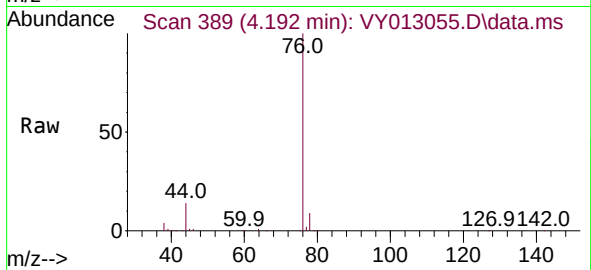




#17
Carbon Disulfide
Concen: 47.592 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY013055.D
Acq: 23 Mar 2023 11:42

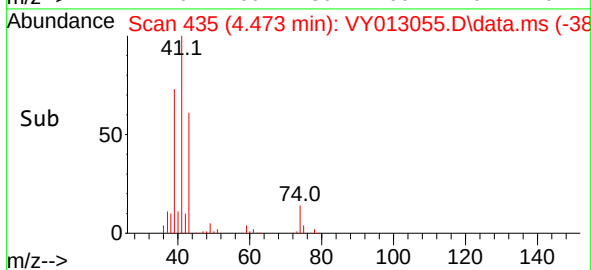
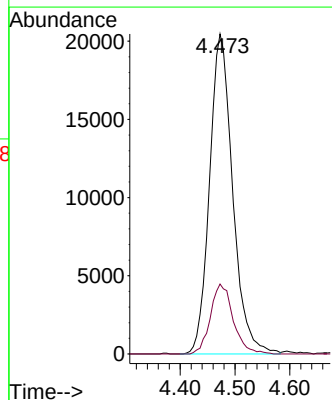
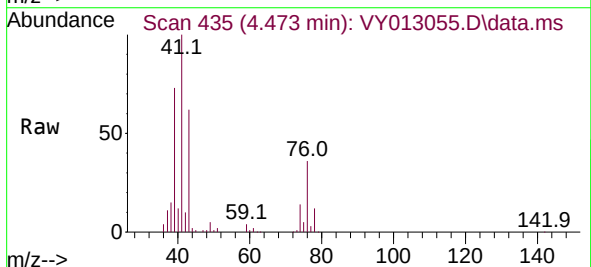
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

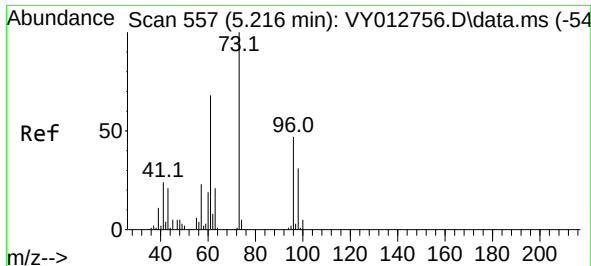
Tgt Ion: 76 Resp: 193630
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 44.482 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY013055.D
Acq: 23 Mar 2023 11:42

Tgt Ion: 43 Resp: 59920
Ion Ratio Lower Upper
43 100
74 21.5 17.4 26.0

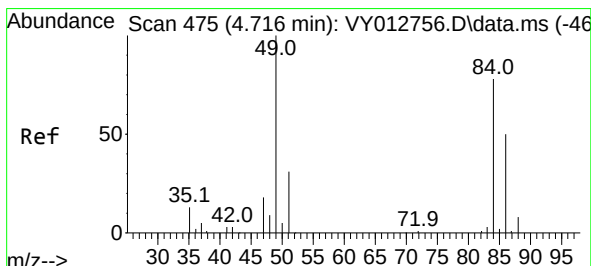
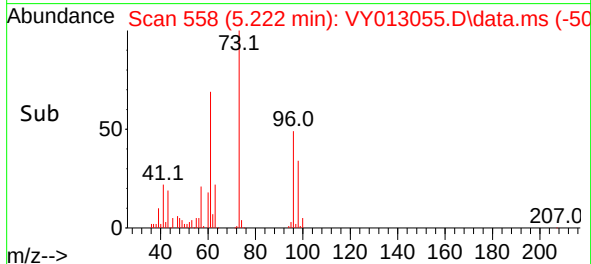
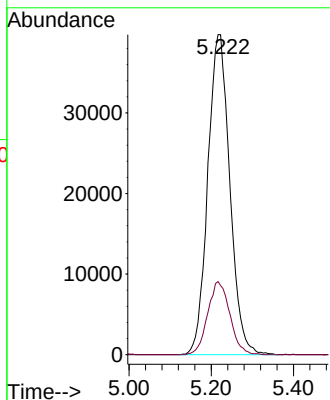
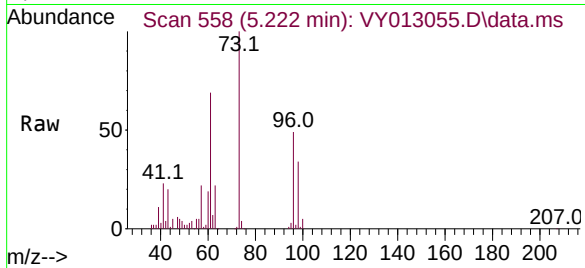




#19
Methyl tert-butyl Ether
Concen: 47.809 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013055.D
Acq: 23 Mar 2023 11:42

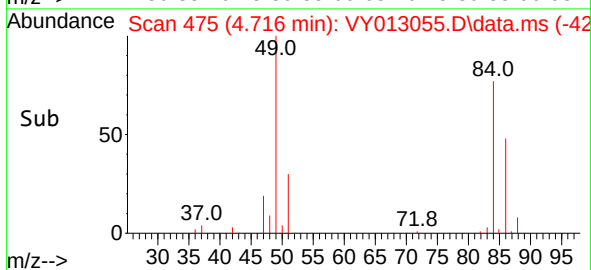
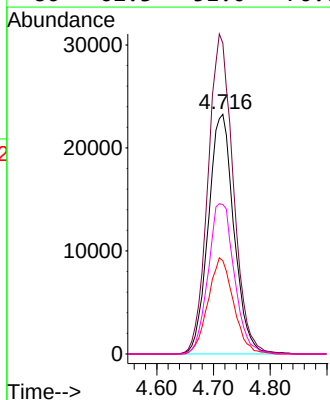
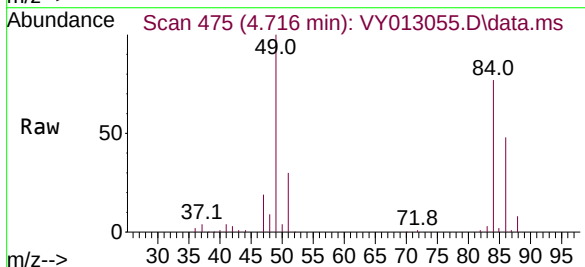
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

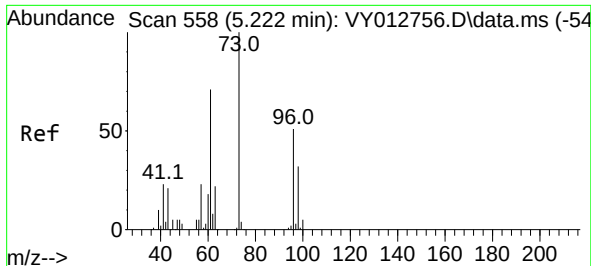
Tgt Ion: 73 Resp: 147604
Ion Ratio Lower Upper
73 100
57 21.6 18.3 27.5



#20
Methylene Chloride
Concen: 53.128 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013055.D
Acq: 23 Mar 2023 11:42

Tgt Ion: 84 Resp: 72870
Ion Ratio Lower Upper
84 100
49 129.6 102.6 154.0
51 38.9 31.9 47.9
86 62.3 51.0 76.6

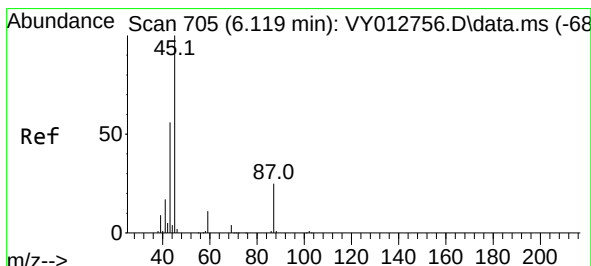
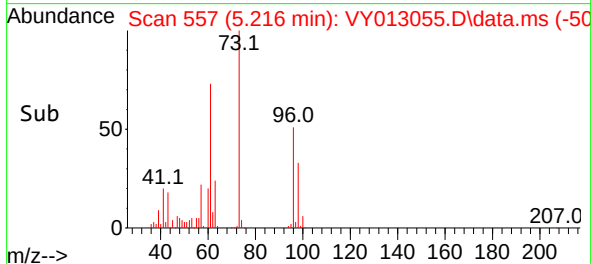
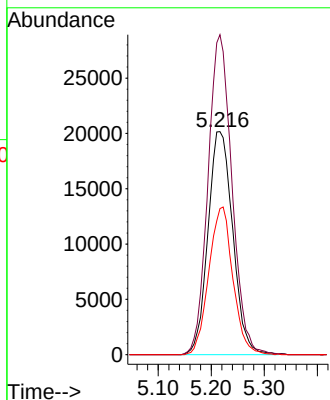
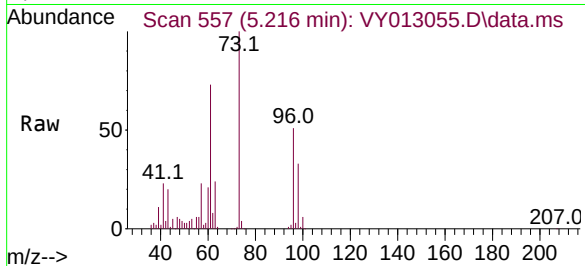




#21
trans-1,2-Dichloroethene
Concen: 50.482 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013055.D
Acq: 23 Mar 2023 11:42

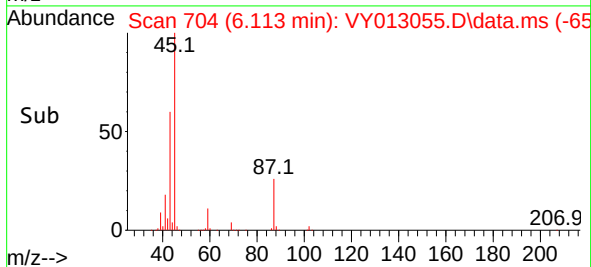
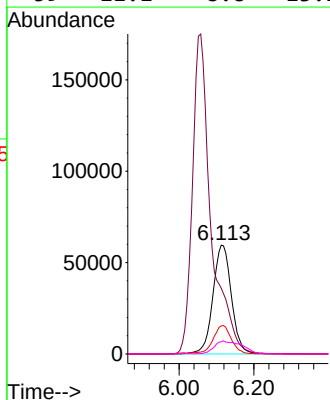
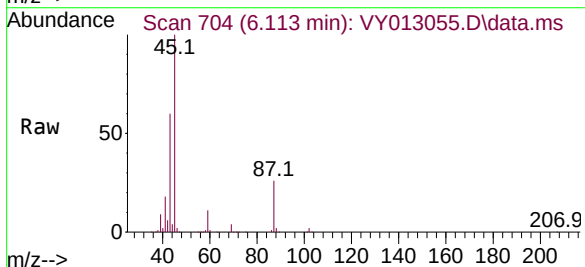
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

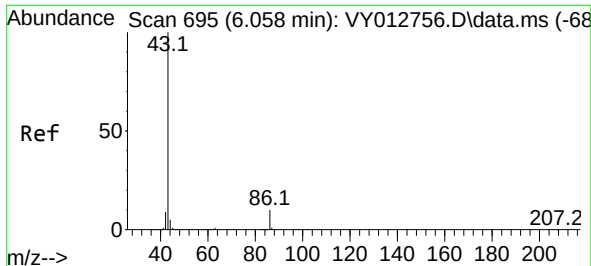
Tgt Ion: 96 Resp: 65572
Ion Ratio Lower Upper
96 100
61 143.4 111.4 167.0
98 65.5 50.8 76.2



#22
Diisopropyl ether
Concen: 50.972 ug/l
RT: 6.113 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY013055.D
Acq: 23 Mar 2023 11:42

Tgt Ion: 45 Resp: 204410
Ion Ratio Lower Upper
45 100
43 60.0 45.0 67.6
87 25.7 20.3 30.5
59 11.1 8.8 13.2

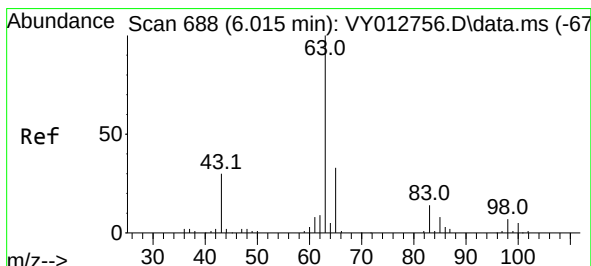
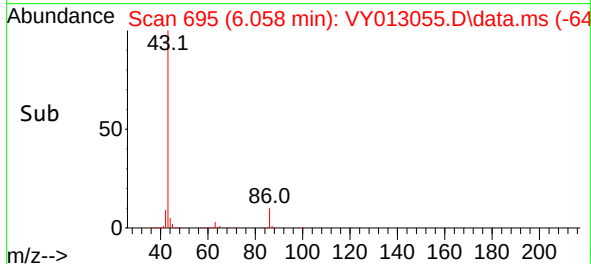
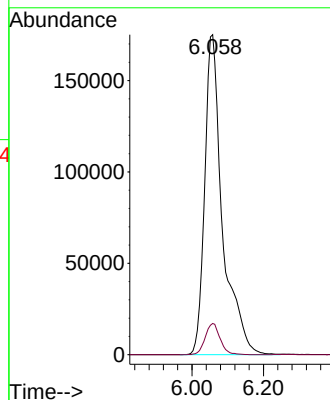
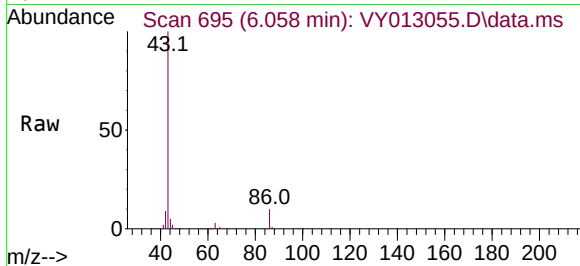




#23
 Vinyl Acetate
 Concen: 242.628 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY013055.D
 Acq: 23 Mar 2023 11:42

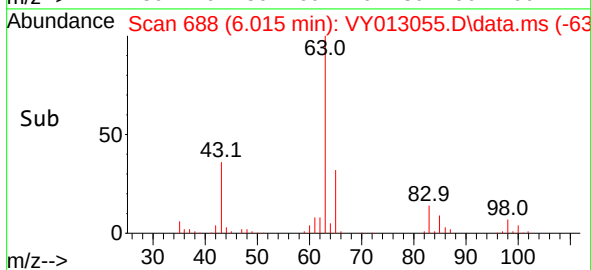
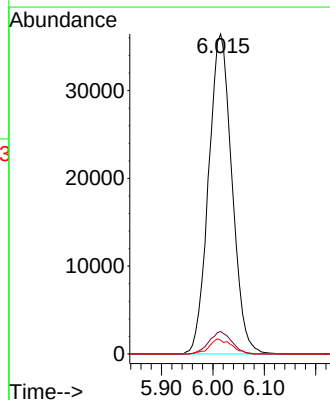
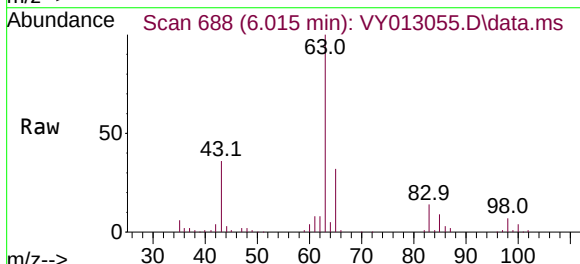
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

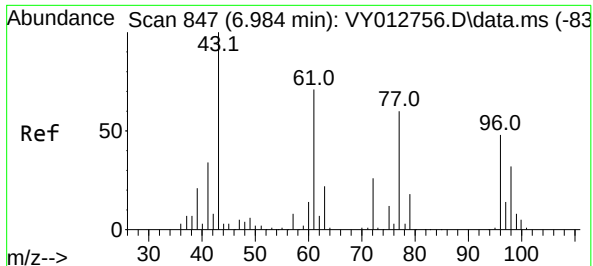
Tgt Ion: 43 Resp: 604561
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 50.420 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY013055.D
 Acq: 23 Mar 2023 11:42

Tgt Ion: 63 Resp: 115217
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.7 11.1
 100 4.3 2.3 6.8





#25

2-Butanone

Concen: 221.302 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY013055.D

Acq: 23 Mar 2023 11:42

Instrument :

MSVOA_Y

ClientSampleId :

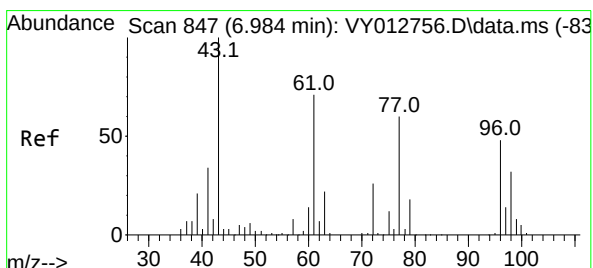
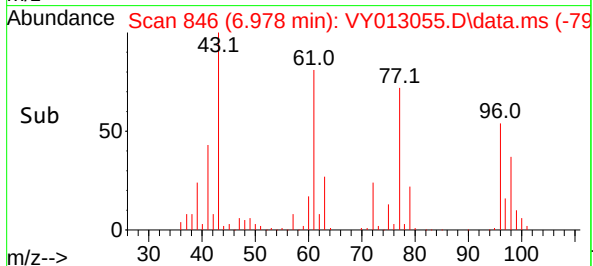
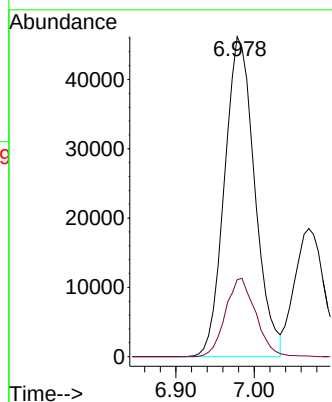
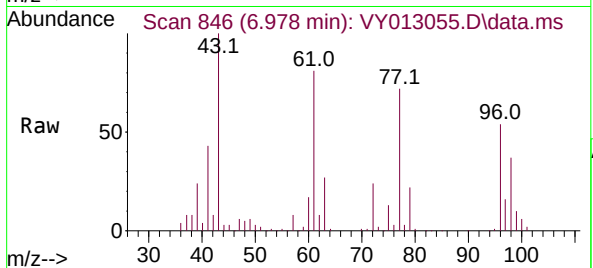
VSTDCCC050

Tgt Ion: 43 Resp: 123988

Ion Ratio Lower Upper

43 100

72 24.0 21.0 31.4



#26

2,2-Dichloropropane

Concen: 49.696 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY013055.D

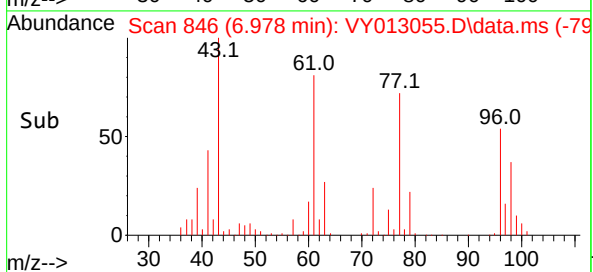
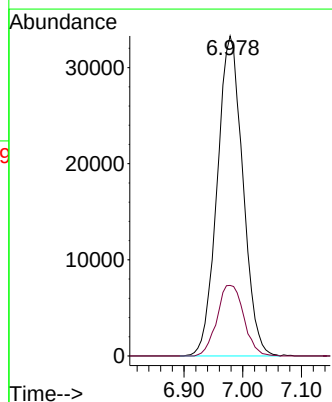
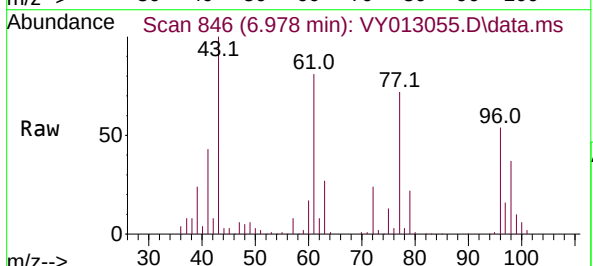
Acq: 23 Mar 2023 11:42

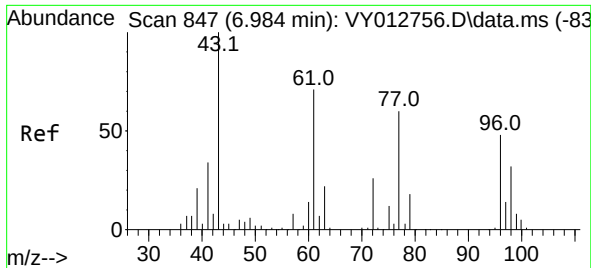
Tgt Ion: 77 Resp: 100861

Ion Ratio Lower Upper

77 100

97 23.0 11.7 35.0

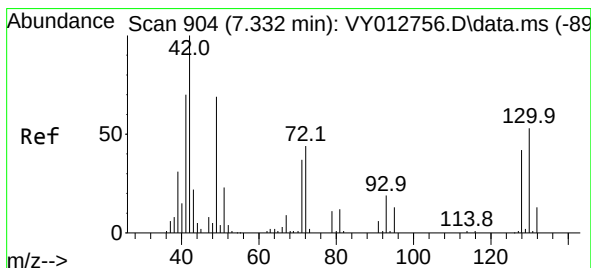
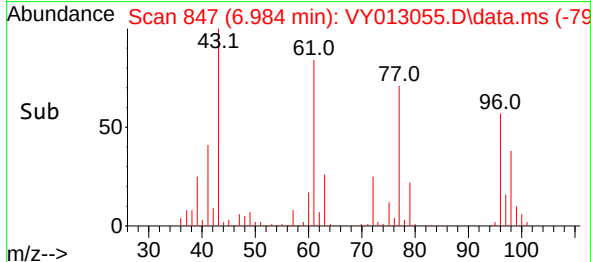
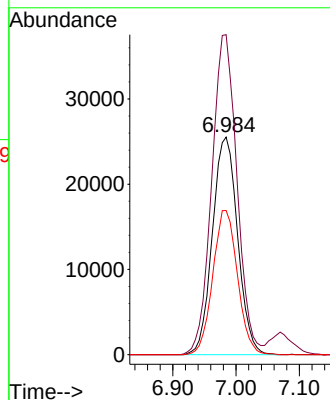
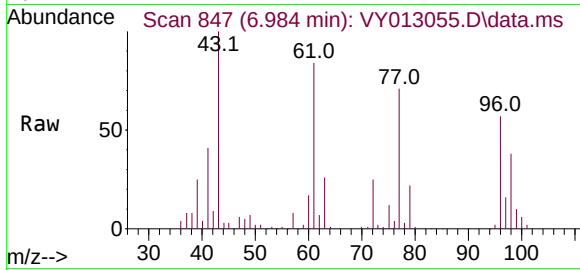




#27
 cis-1,2-Dichloroethene
 Concen: 50.740 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY013055.D
 Acq: 23 Mar 2023 11:42

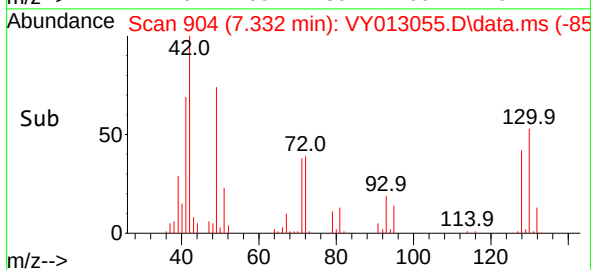
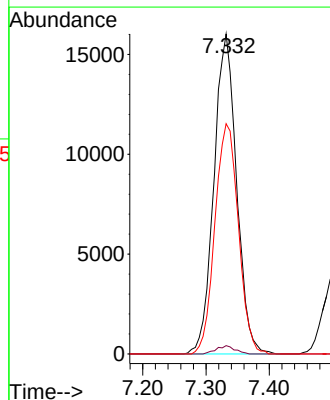
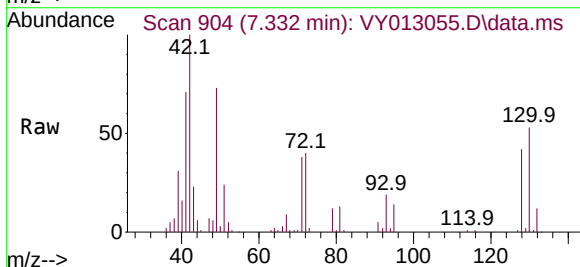
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

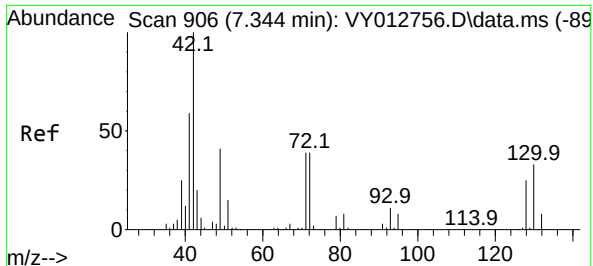
Tgt Ion: 96	Resp: 70661
Ion Ratio	Lower Upper
96	100
61	147.1 0.0 295.8
98	65.0 0.0 130.2



#28
 Bromochloromethane
 Concen: 47.735 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY013055.D
 Acq: 23 Mar 2023 11:42

Tgt Ion: 49	Resp: 39863
Ion Ratio	Lower Upper
49	100
129	2.1 0.0 4.2
130	74.3 60.5 90.7





#29

Tetrahydrofuran

Concen: 219.679 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY013055.D

Acq: 23 Mar 2023 11:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

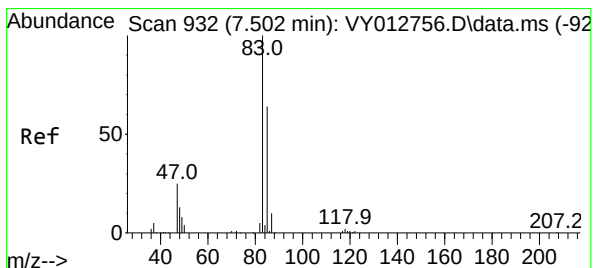
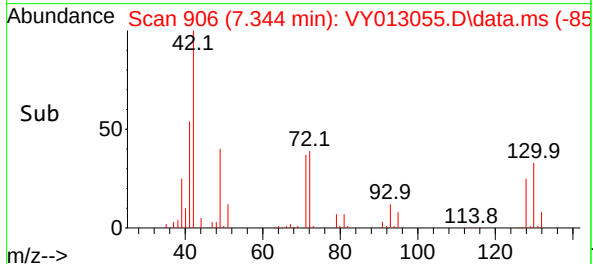
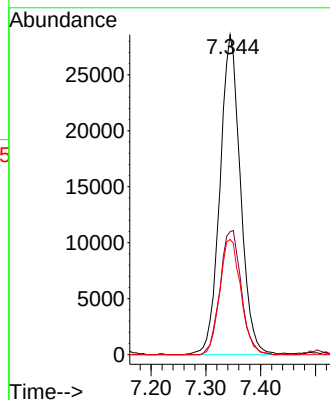
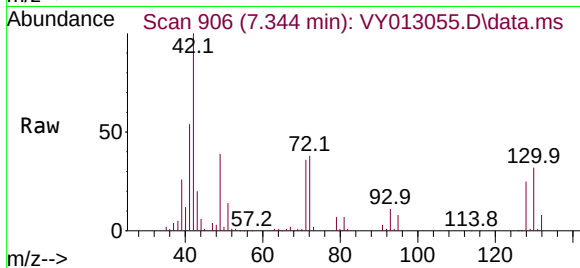
Tgt Ion: 42 Resp: 74231

Ion Ratio Lower Upper

42 100

72 40.3 32.3 48.5

71 37.2 30.3 45.5



#30

Chloroform

Concen: 51.102 ug/l

RT: 7.503 min Scan# 932

Delta R.T. 0.001 min

Lab File: VY013055.D

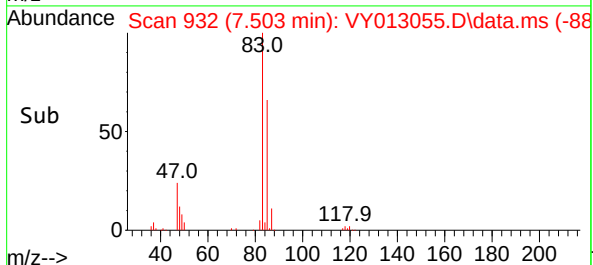
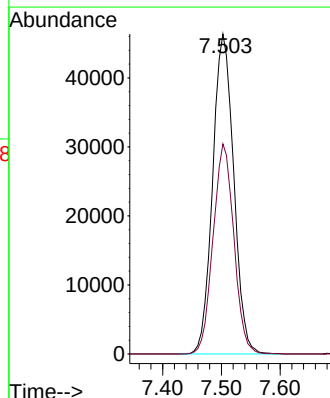
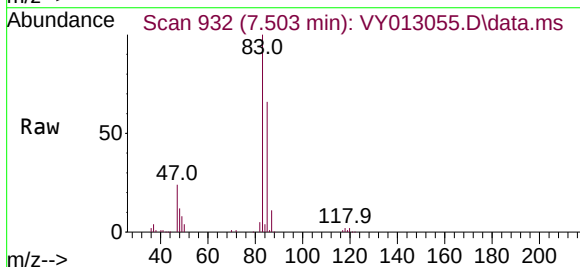
Acq: 23 Mar 2023 11:42

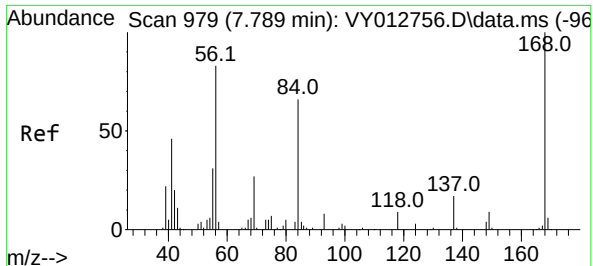
Tgt Ion: 83 Resp: 115346

Ion Ratio Lower Upper

83 100

85 65.6 51.4 77.0





#31

Cyclohexane

Concen: 47.250 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY013055.D

Acq: 23 Mar 2023 11:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

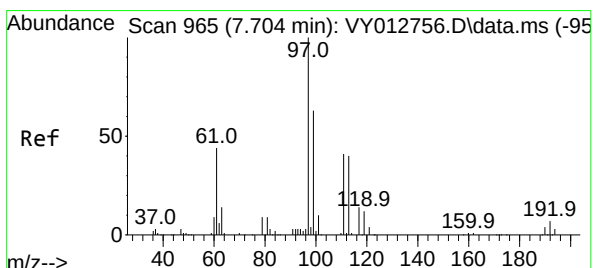
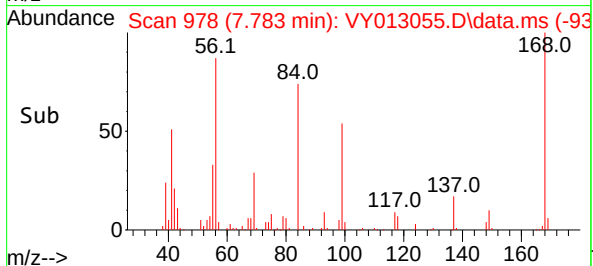
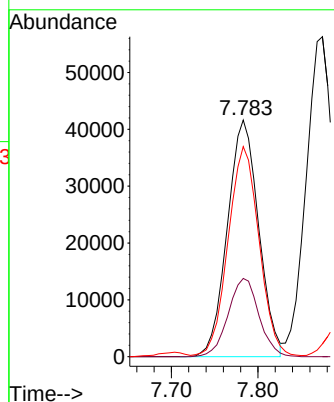
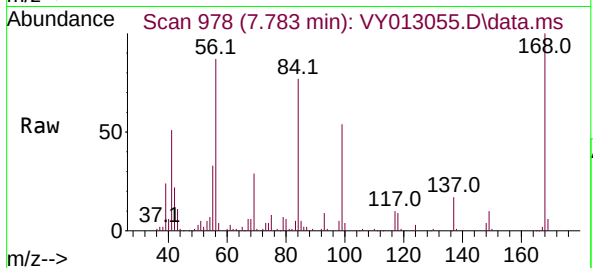
Tgt Ion: 56 Resp: 104287

Ion Ratio Lower Upper

56 100

69 33.0 25.7 38.5

84 87.2 64.3 96.5



#32

1,1,1-Trichloroethane

Concen: 51.176 ug/l

RT: 7.698 min Scan# 964

Delta R.T. -0.006 min

Lab File: VY013055.D

Acq: 23 Mar 2023 11:42

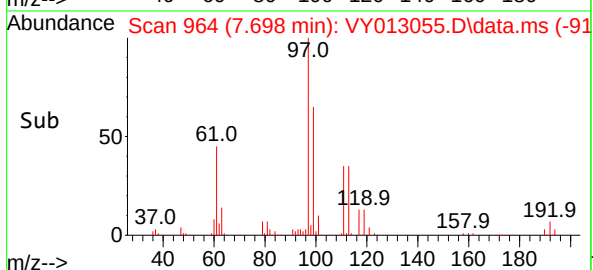
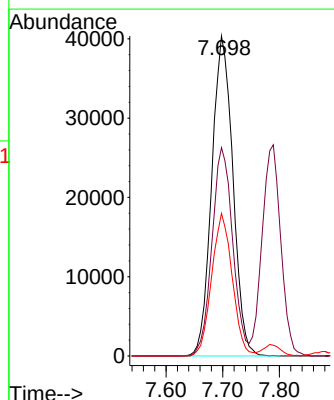
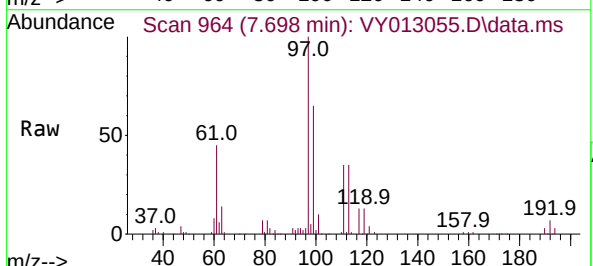
Tgt Ion: 97 Resp: 104463

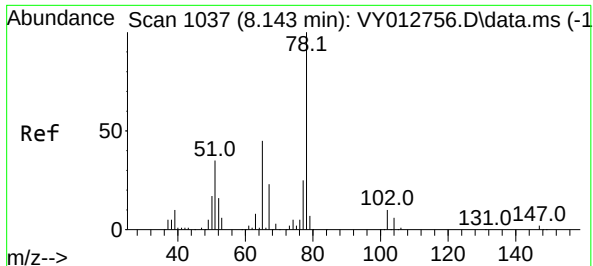
Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.6

61 43.4 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 49.422 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY013055.D

Acq: 23 Mar 2023 11:42

Instrument :

MSVOA_Y

ClientSampleId :

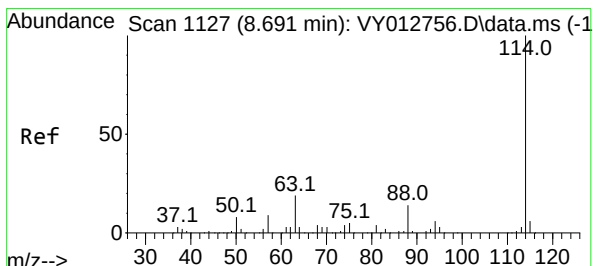
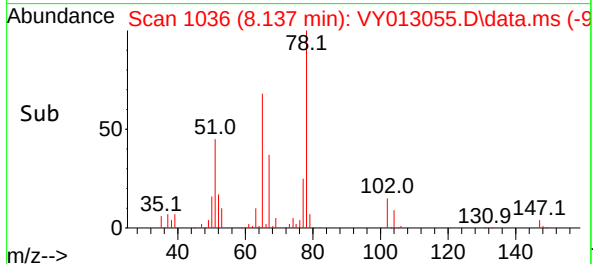
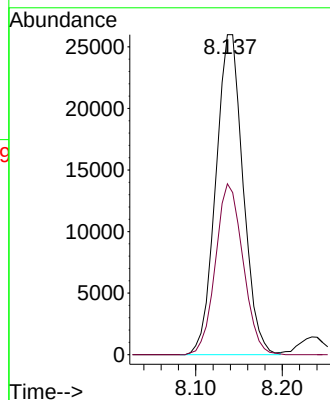
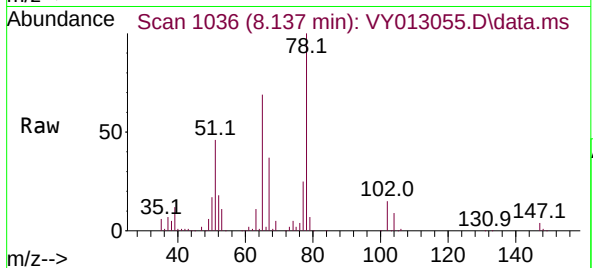
VSTDCCC050

Tgt Ion: 65 Resp: 56956

Ion Ratio Lower Upper

65 100

67 53.8 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013055.D

Acq: 23 Mar 2023 11:42

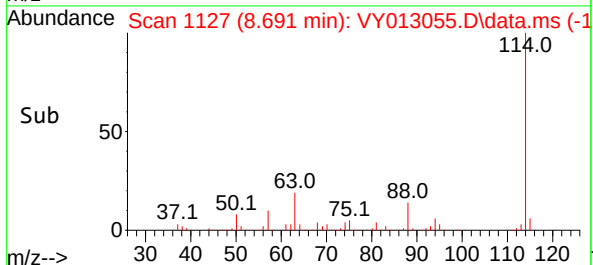
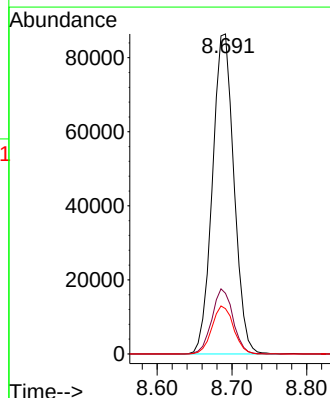
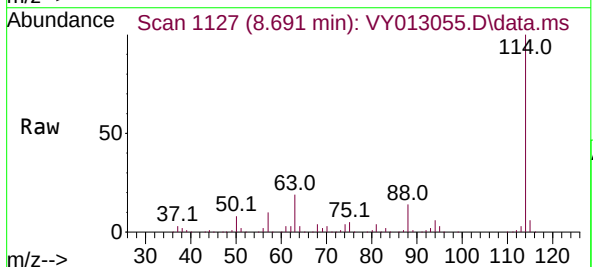
Tgt Ion: 114 Resp: 172879

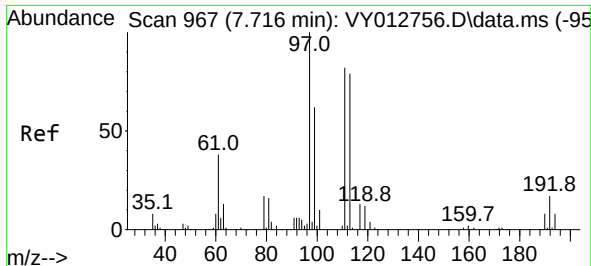
Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.4

88 14.1 0.0 28.6





#35

Dibromofluoromethane

Concen: 58.657 ug/l

RT: 7.716 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY013055.D

Acq: 23 Mar 2023 11:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

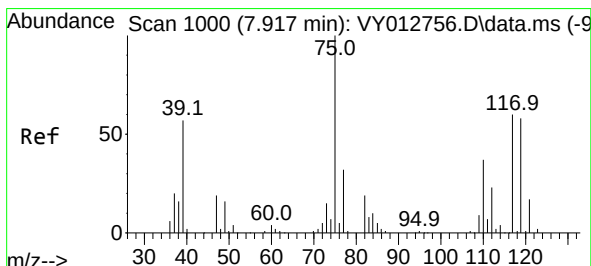
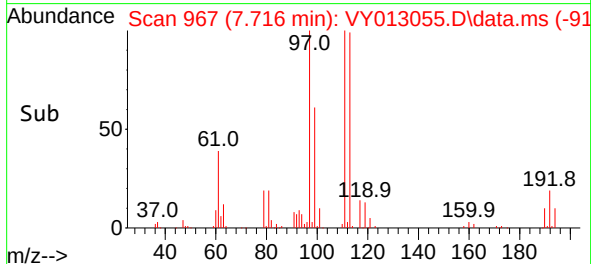
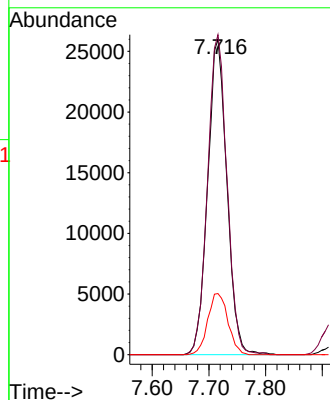
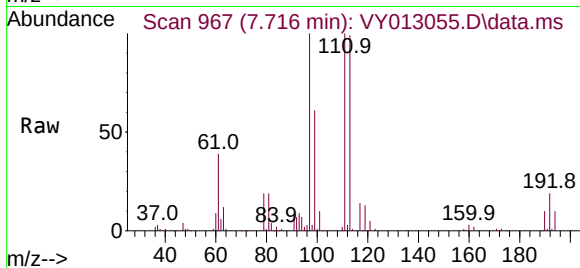
Tgt Ion:113 Resp: 61198

Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.2

192 20.4 16.8 25.2



#36

1,1-Dichloropropene

Concen: 51.903 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY013055.D

Acq: 23 Mar 2023 11:42

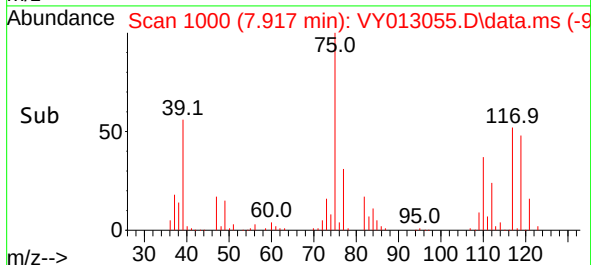
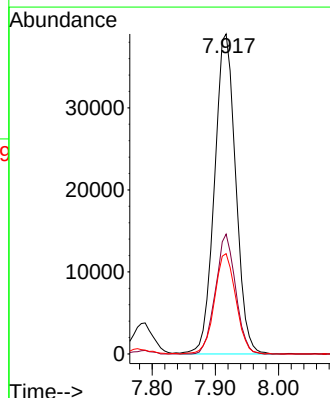
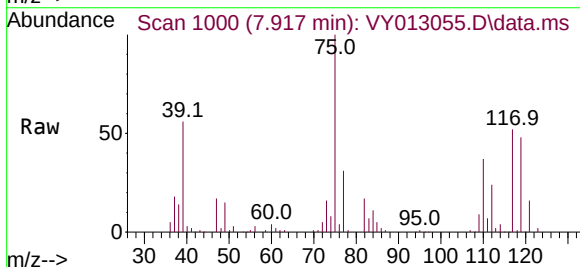
Tgt Ion: 75 Resp: 90747

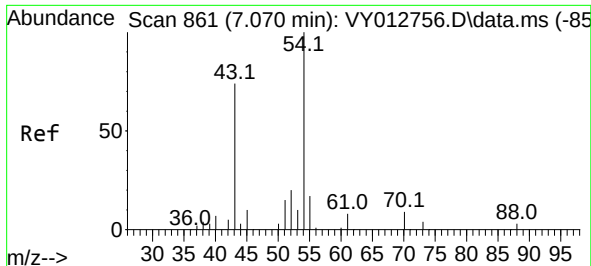
Ion Ratio Lower Upper

75 100

110 35.4 17.8 53.3

77 31.6 25.0 37.4





#37

Ethyl Acetate

Concen: 45.500 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY013055.D

Acq: 23 Mar 2023 11:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

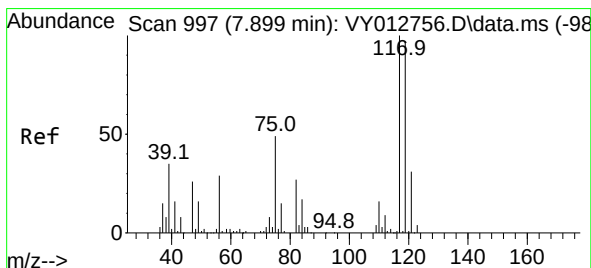
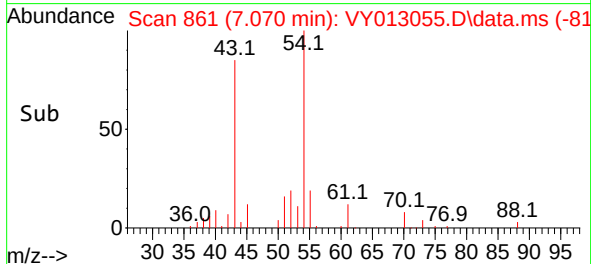
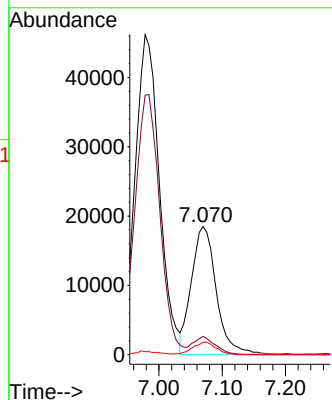
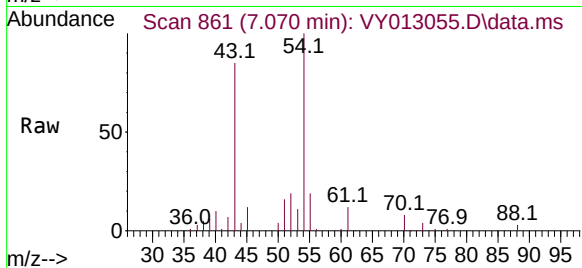
Tgt Ion: 43 Resp: 50140

Ion Ratio Lower Upper

43 100

61 13.3 10.7 16.1

70 9.3 7.8 11.8



#38

Carbon Tetrachloride

Concen: 53.772 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY013055.D

Acq: 23 Mar 2023 11:42

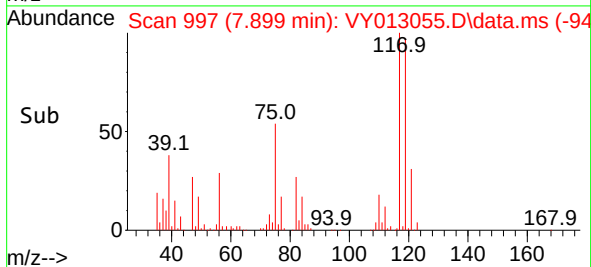
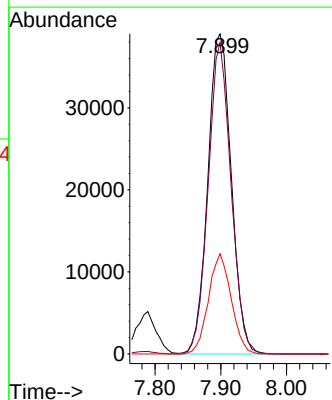
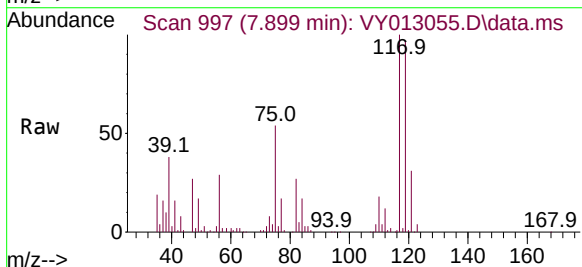
Tgt Ion: 117 Resp: 97085

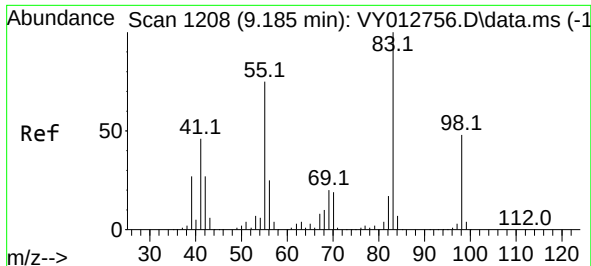
Ion Ratio Lower Upper

117 100

119 97.3 77.2 115.8

121 31.3 24.7 37.1





#39

Methylcyclohexane

Concen: 52.541 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013055.D

Acq: 23 Mar 2023 11:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

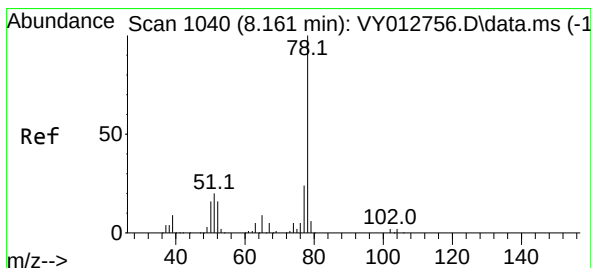
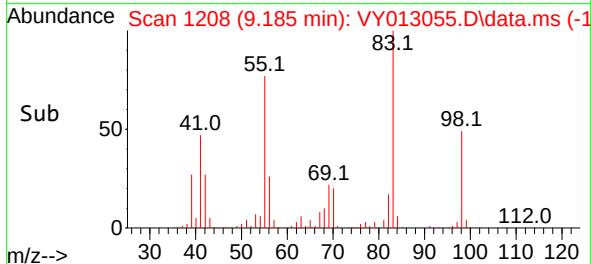
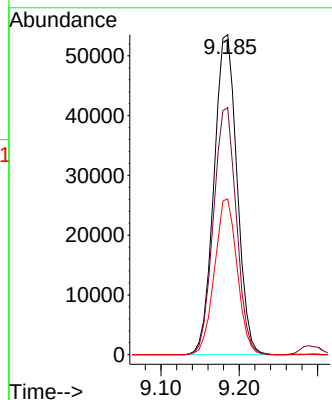
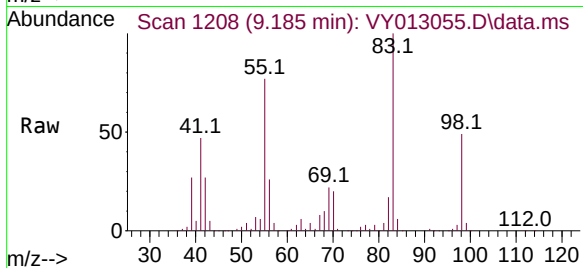
Tgt Ion: 83 Resp: 109211

Ion Ratio Lower Upper

83 100

55 77.2 60.0 90.0

98 48.6 38.3 57.5



#40

Benzene

Concen: 51.769 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY013055.D

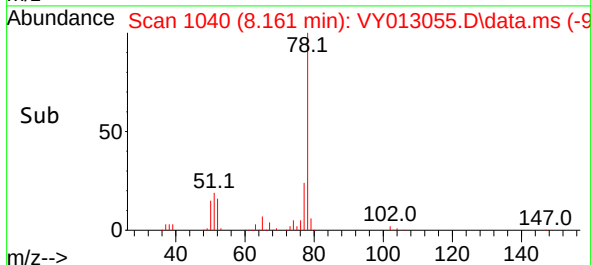
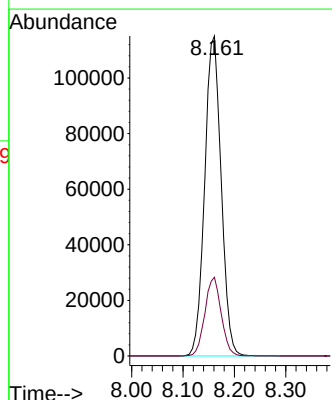
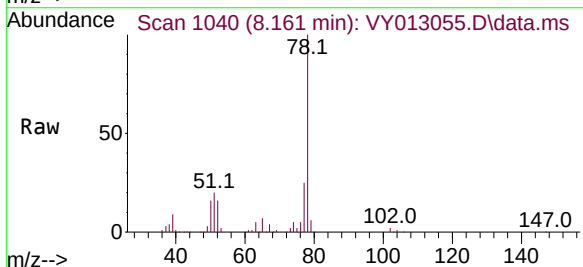
Acq: 23 Mar 2023 11:42

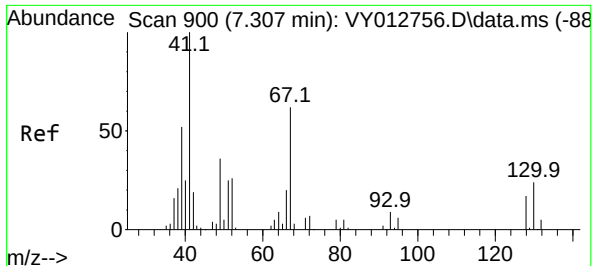
Tgt Ion: 78 Resp: 256032

Ion Ratio Lower Upper

78 100

77 24.6 19.4 29.0

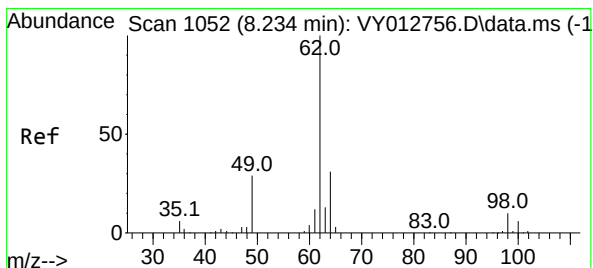
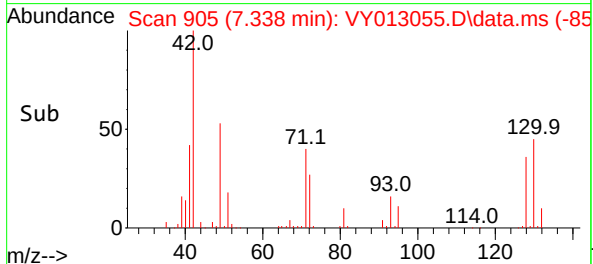
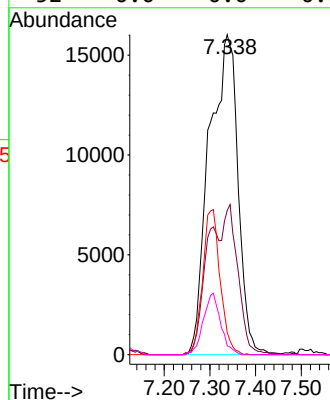
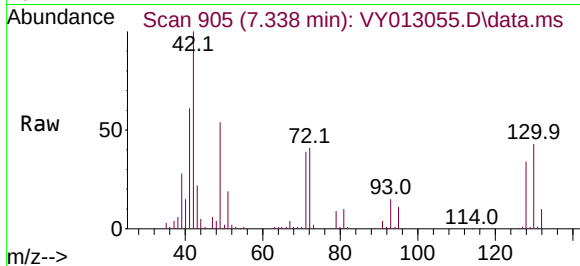




#41
Methacrylonitrile
Concen: 117.679 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.031 min
Lab File: VY013055.D
Acq: 23 Mar 2023 11:42

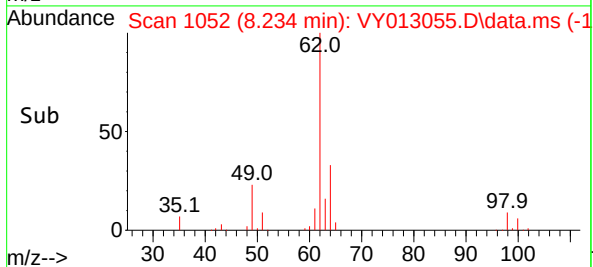
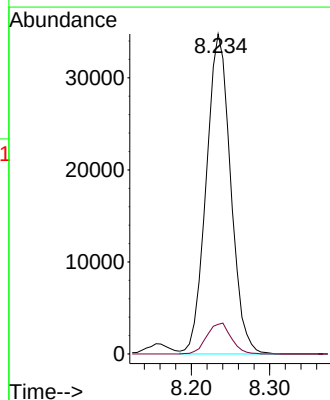
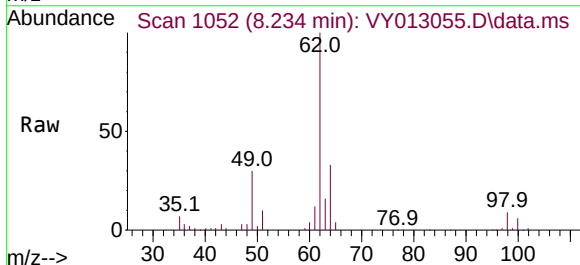
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

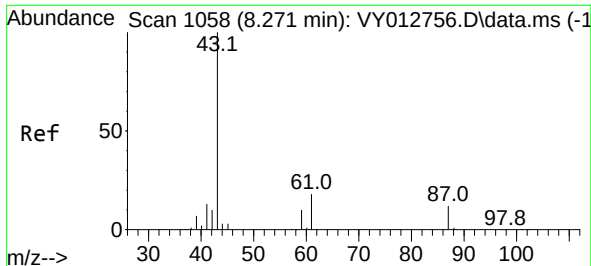
Tgt Ion: 41 Resp: 69868
Ion Ratio Lower Upper
41 100
39 23.2 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 50.607 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013055.D
Acq: 23 Mar 2023 11:42

Tgt Ion: 62 Resp: 75248
Ion Ratio Lower Upper
62 100
98 9.6 0.0 18.8





#43

Isopropyl Acetate

Concen: 46.783 ug/l

RT: 8.271 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VY013055.D

Acq: 23 Mar 2023 11:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

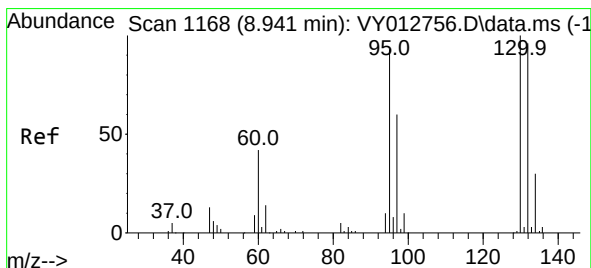
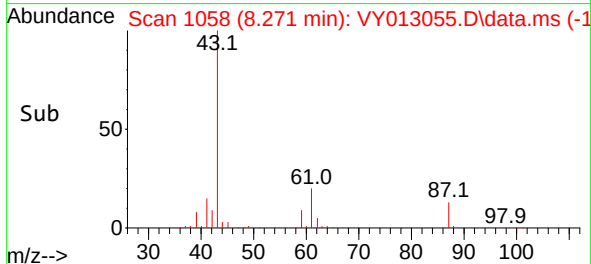
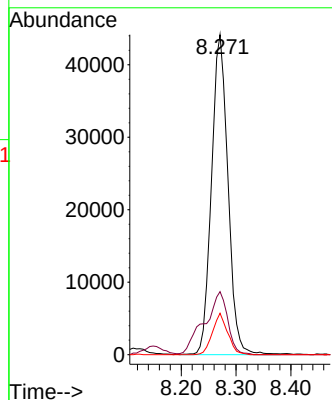
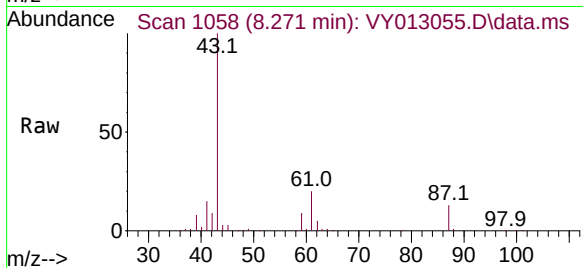
Tgt Ion: 43 Resp: 91978

Ion Ratio Lower Upper

43 100

61 28.0 21.6 32.4

87 11.9 9.9 14.9



#44

Trichloroethene

Concen: 52.184 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VY013055.D

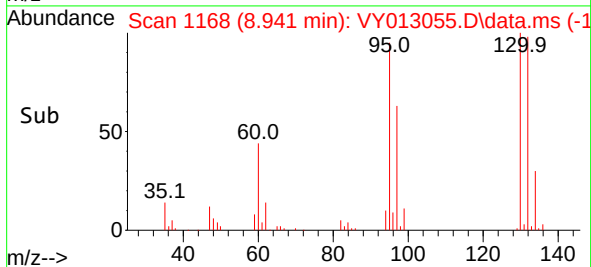
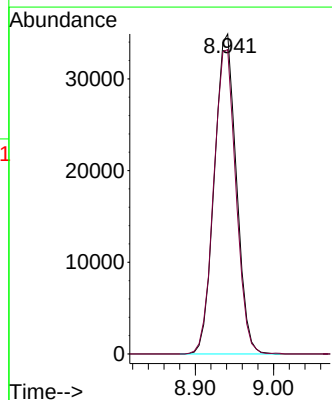
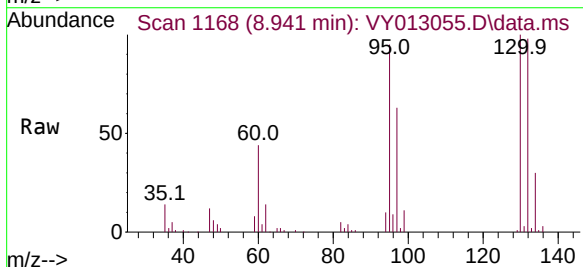
Acq: 23 Mar 2023 11:42

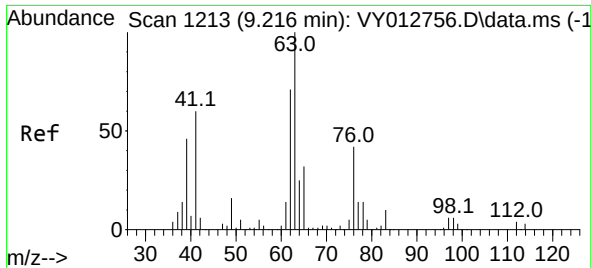
Tgt Ion:130 Resp: 68045

Ion Ratio Lower Upper

130 100

95 95.1 0.0 185.0





#45

1,2-Dichloropropane

Concen: 51.508 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013055.D

Acq: 23 Mar 2023 11:42

Instrument :

MSVOA_Y

ClientSampleId :

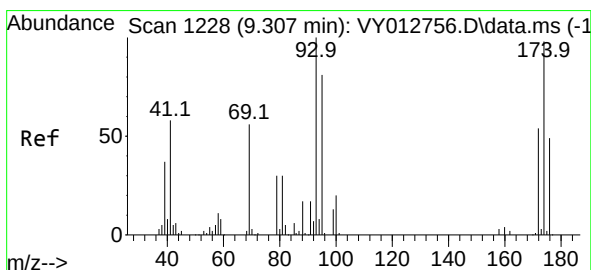
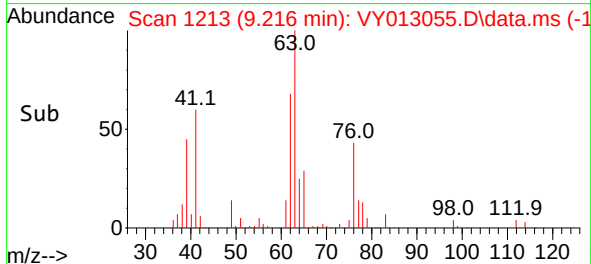
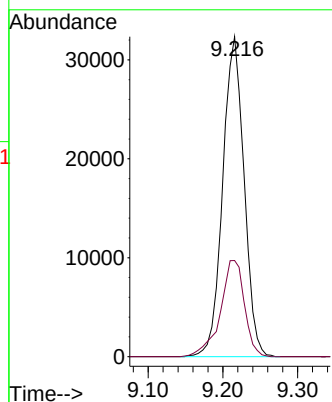
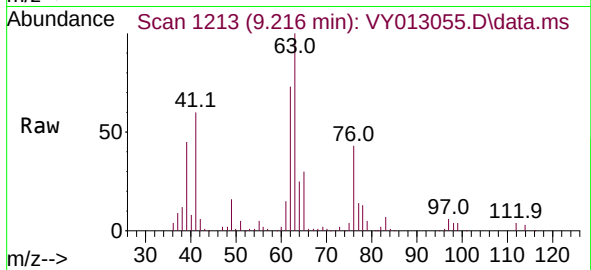
VSTDCCC050

Tgt Ion: 63 Resp: 64380

Ion Ratio Lower Upper

63 100

65 30.1 25.7 38.5



#46

Dibromomethane

Concen: 50.809 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY013055.D

Acq: 23 Mar 2023 11:42

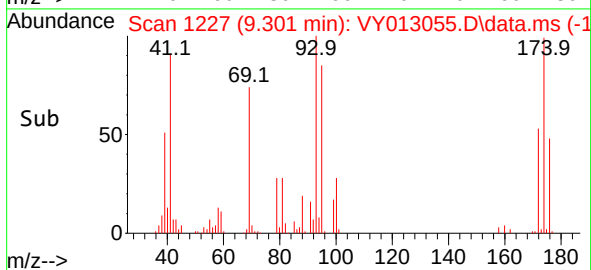
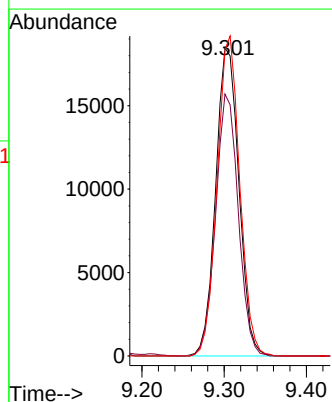
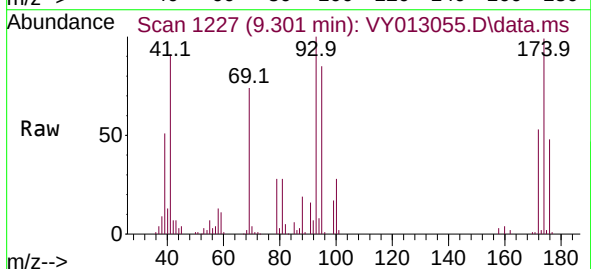
Tgt Ion: 93 Resp: 36180

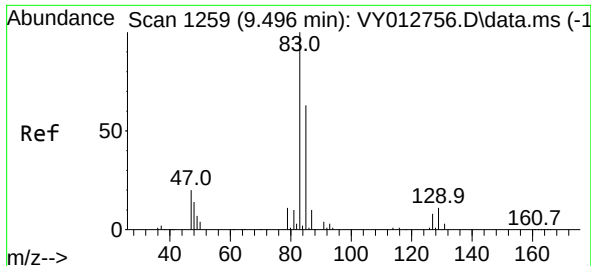
Ion Ratio Lower Upper

93 100

95 83.0 65.6 98.4

174 101.4 81.3 121.9

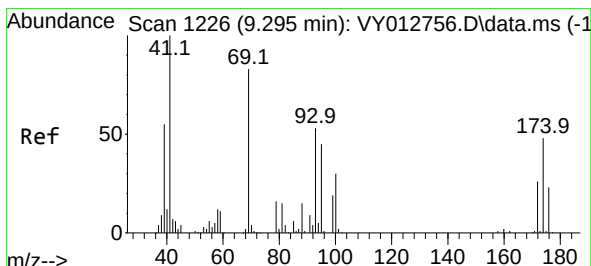
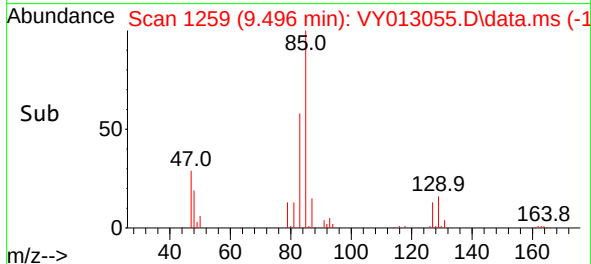
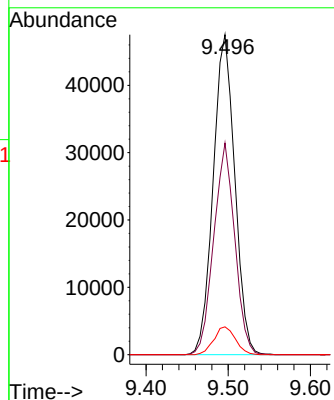
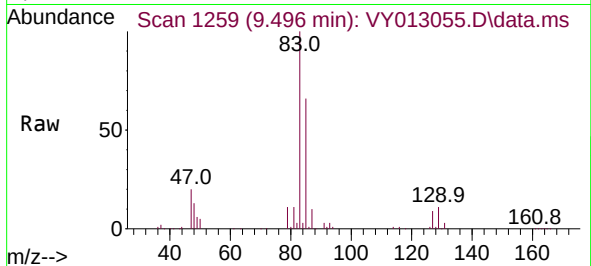




#47
Bromodichloromethane
Concen: 51.635 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY013055.D
Acq: 23 Mar 2023 11:42

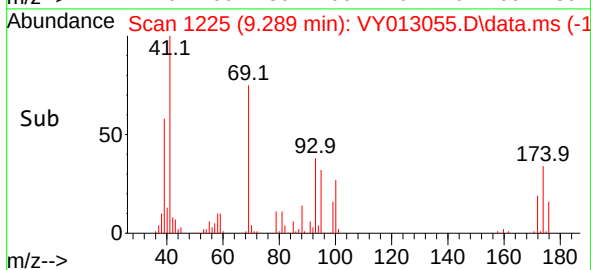
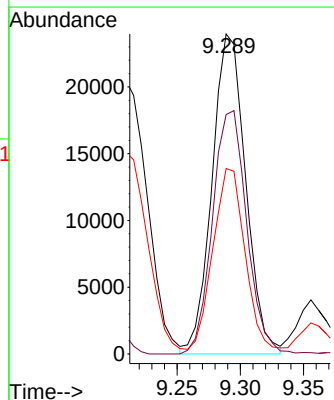
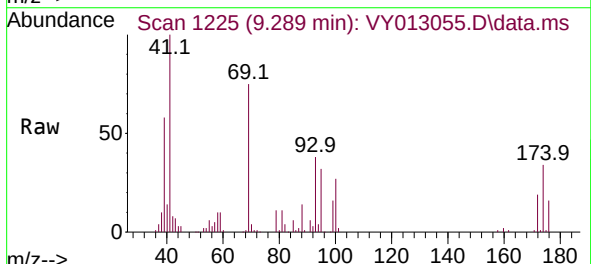
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

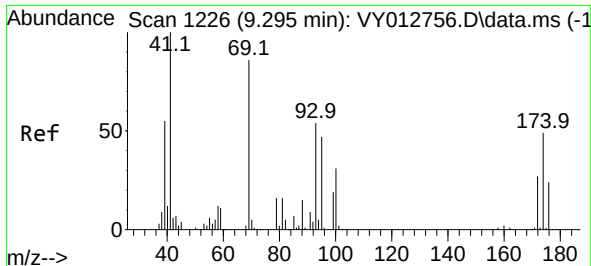
Tgt Ion: 83 Resp: 86645
Ion Ratio Lower Upper
83 100
85 66.2 50.2 75.4
127 8.7 6.3 9.5



#48
Methyl methacrylate
Concen: 48.885 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY013055.D
Acq: 23 Mar 2023 11:42

Tgt Ion: 41 Resp: 44285
Ion Ratio Lower Upper
41 100
69 77.5 64.1 96.1
39 53.8 44.0 66.0





#49

1,4-Dioxane

Concen: 996.053 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY013055.D

Acq: 23 Mar 2023 11:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

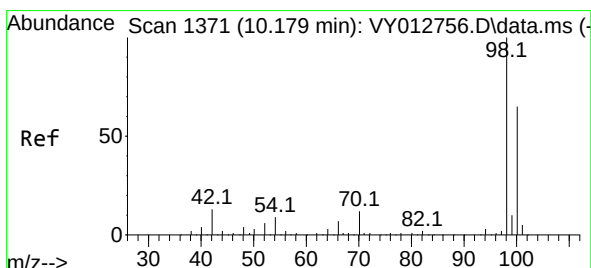
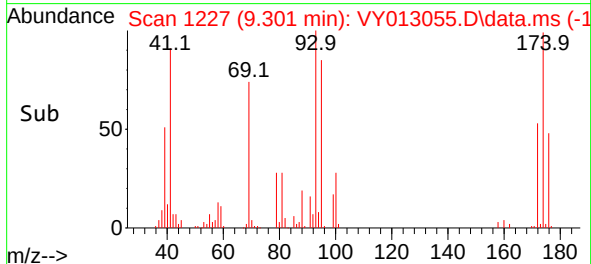
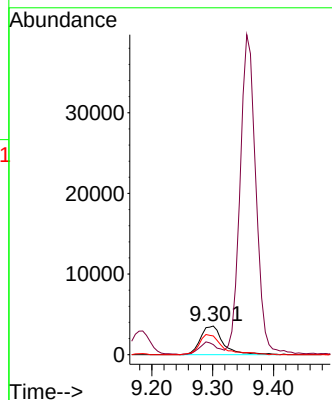
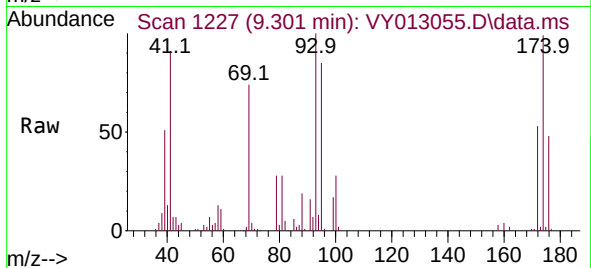
Tgt Ion: 88 Resp: 9169

Ion Ratio Lower Upper

88 100

43 36.1 28.6 42.8

58 71.6 55.2 82.8



#50

Toluene-d8

Concen: 51.558 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY013055.D

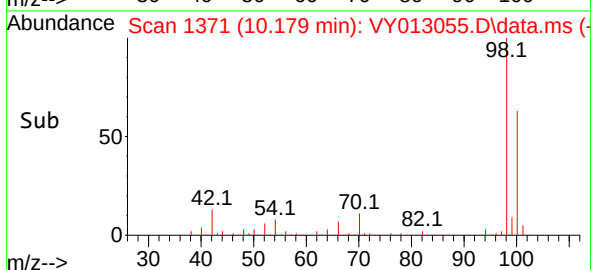
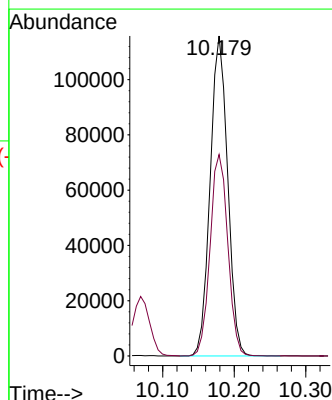
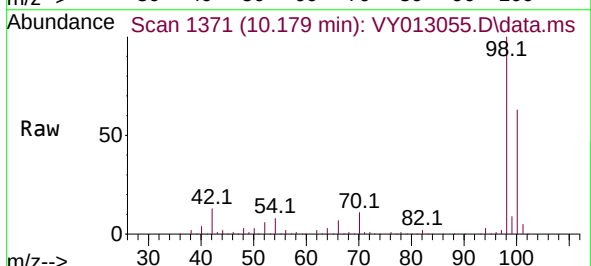
Acq: 23 Mar 2023 11:42

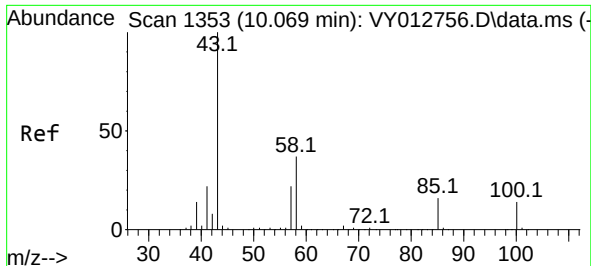
Tgt Ion: 98 Resp: 196651

Ion Ratio Lower Upper

98 100

100 63.8 50.9 76.3

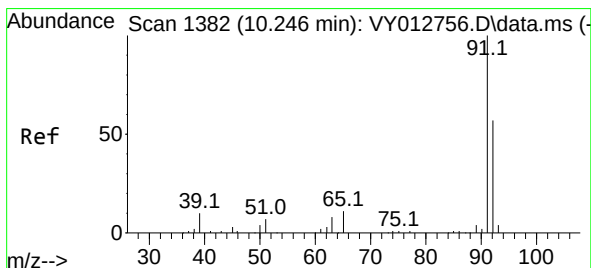
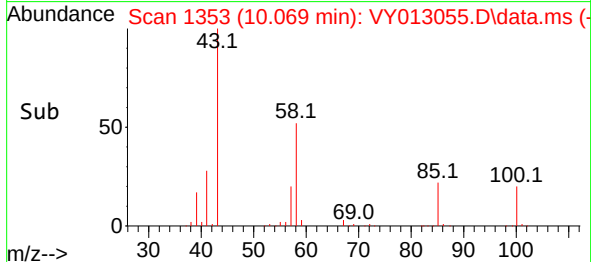
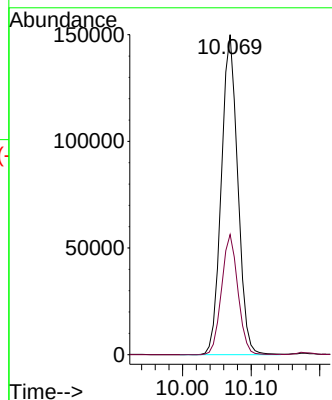
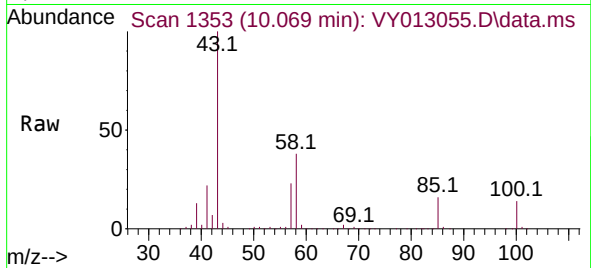




#51
4-Methyl-2-Pentanone
Concen: 233.403 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013055.D
Acq: 23 Mar 2023 11:42

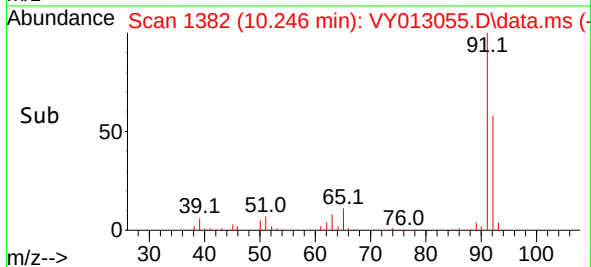
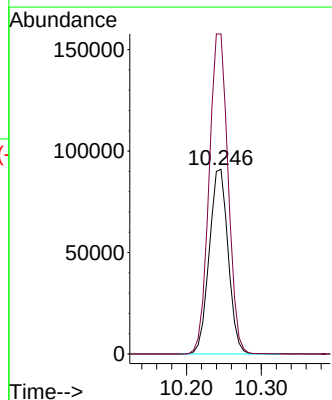
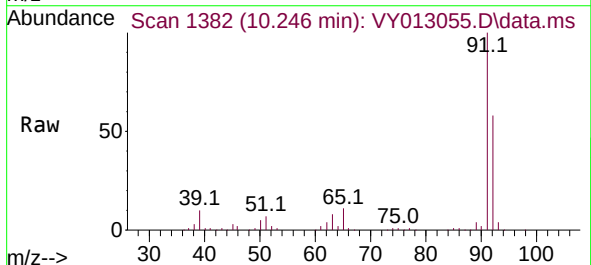
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

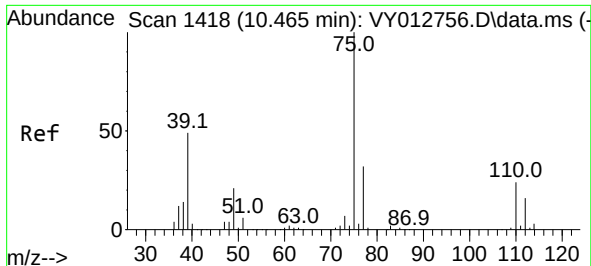
Tgt Ion: 43 Resp: 248916
Ion Ratio Lower Upper
43 100
58 37.3 29.8 44.6



#52
Toluene
Concen: 53.663 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY013055.D
Acq: 23 Mar 2023 11:42

Tgt Ion: 92 Resp: 160059
Ion Ratio Lower Upper
92 100
91 174.3 141.3 211.9

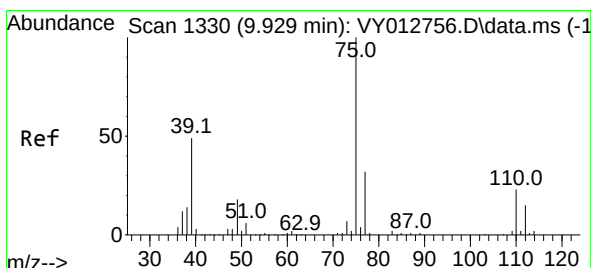
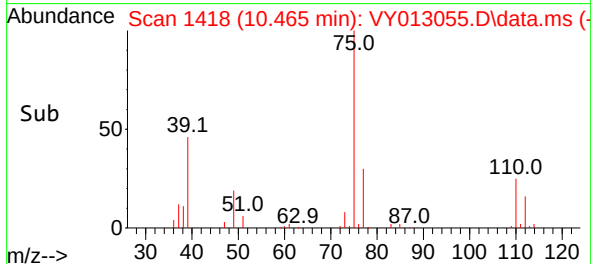
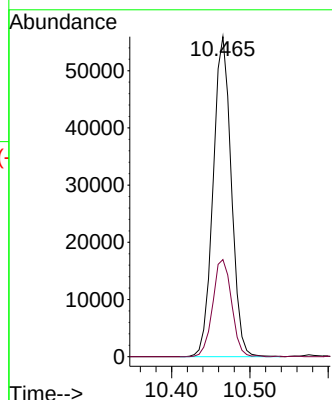
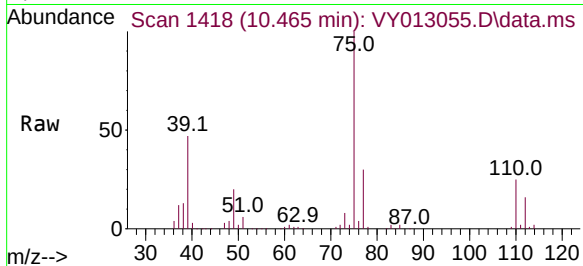




#53
t-1,3-Dichloropropene
Concen: 51.165 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013055.D
Acq: 23 Mar 2023 11:42

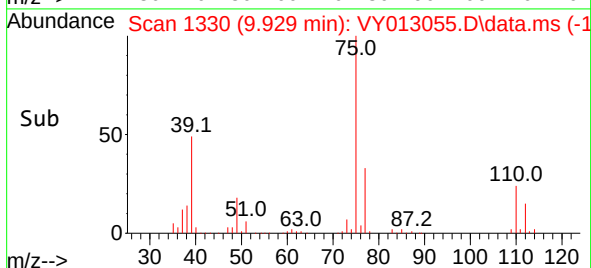
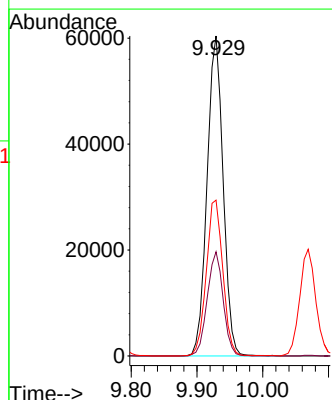
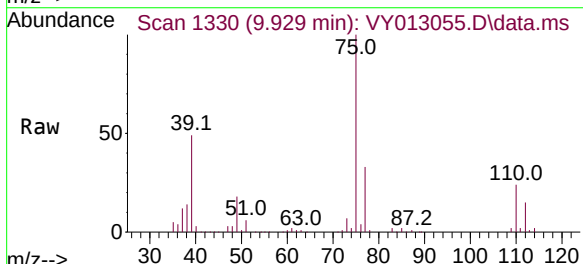
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

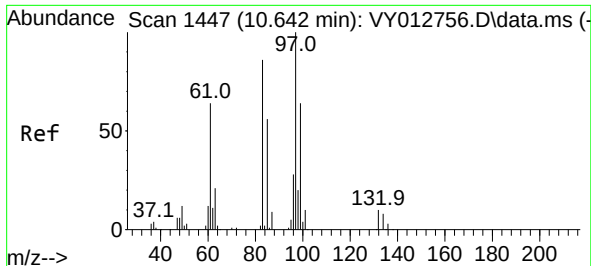
Tgt Ion: 75 Resp: 90054
Ion Ratio Lower Upper
75 100
77 30.4 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 51.516 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY013055.D
Acq: 23 Mar 2023 11:42

Tgt Ion: 75 Resp: 102630
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.0
39 48.7 39.0 58.4

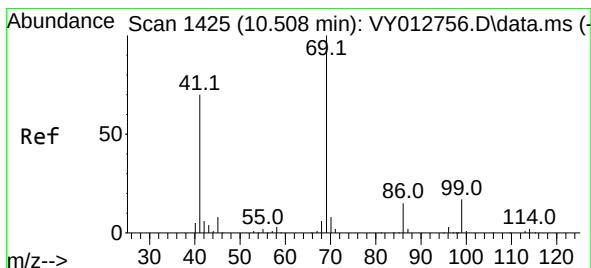
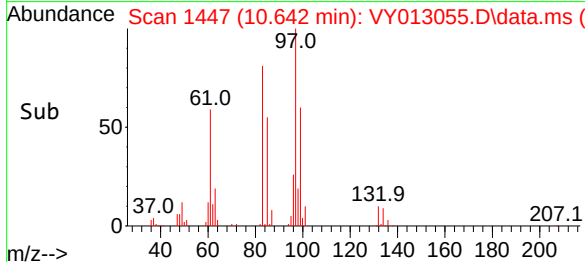
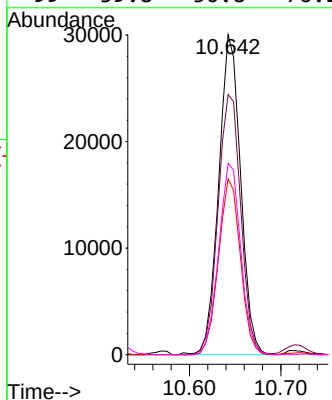
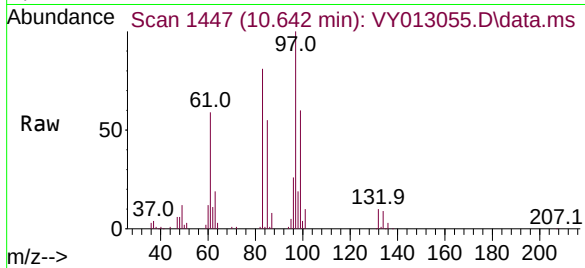




#55
1,1,2-Trichloroethane
Concen: 50.420 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY013055.D
Acq: 23 Mar 2023 11:42

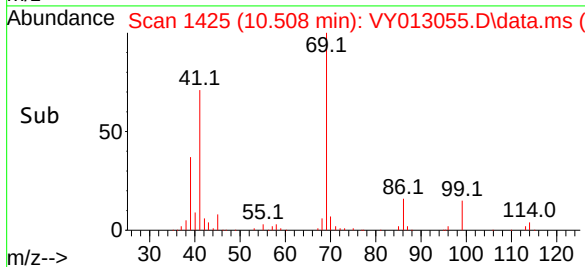
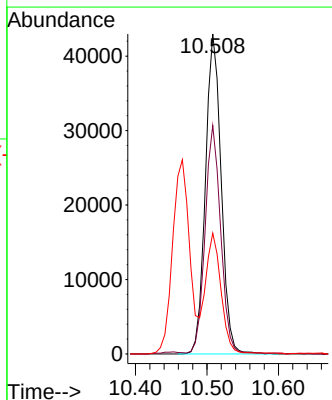
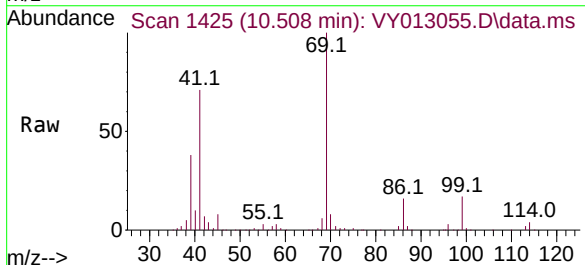
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

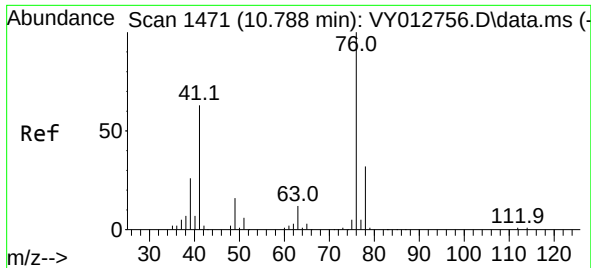
Tgt Ion:	97	Resp:	50000
Ion	Ratio	Lower	Upper
97	100		
83	81.3	69.0	103.6
85	54.9	44.9	67.3
99	59.8	50.8	76.2



#56
Ethyl methacrylate
Concen: 49.624 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY013055.D
Acq: 23 Mar 2023 11:42

Tgt Ion:	69	Resp:	65617
Ion	Ratio	Lower	Upper
69	100		
41	70.3	56.4	84.6
39	36.8	30.8	46.2

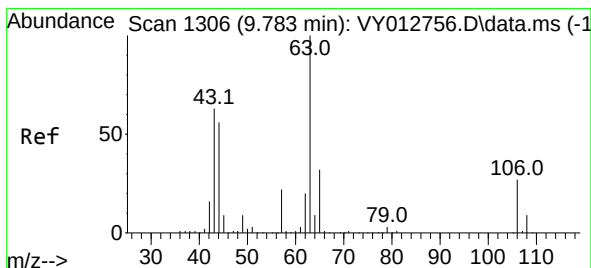
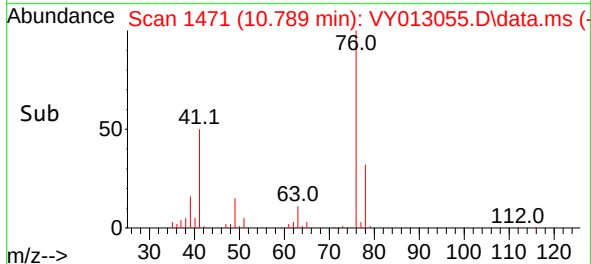
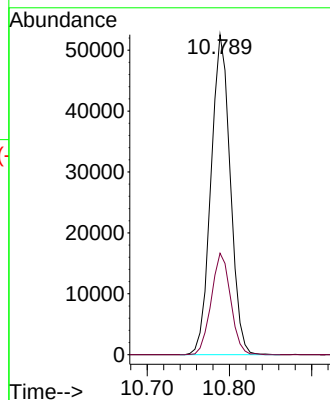
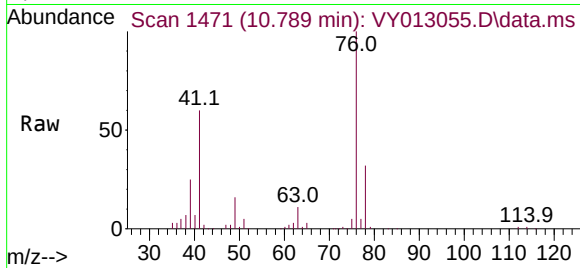




#57
1,3-Dichloropropane
Concen: 50.625 ug/l
RT: 10.789 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY013055.D
Acq: 23 Mar 2023 11:42

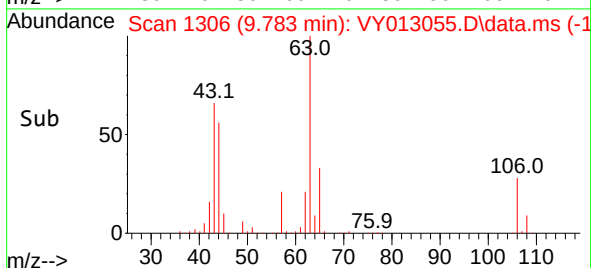
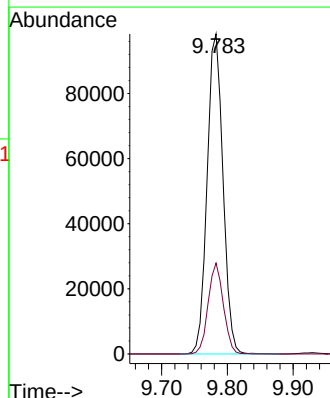
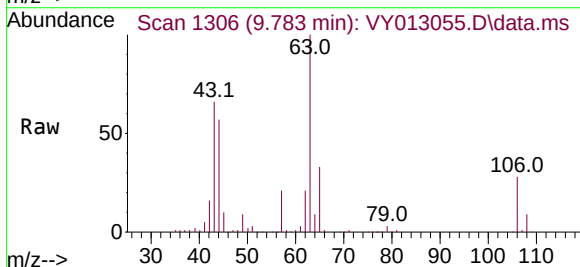
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

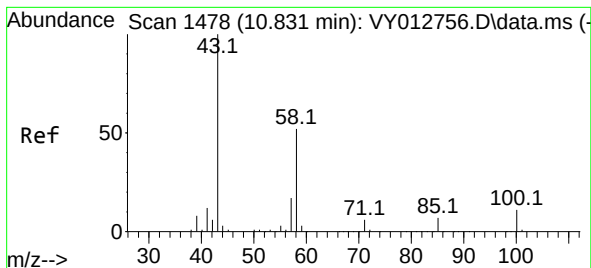
Tgt Ion: 76 Resp: 85508
Ion Ratio Lower Upper
76 100
78 31.8 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 237.196 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY013055.D
Acq: 23 Mar 2023 11:42

Tgt Ion: 63 Resp: 164648
Ion Ratio Lower Upper
63 100
106 27.2 22.1 33.1





#59

2-Hexanone

Concen: 235.878 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY013055.D

Acq: 23 Mar 2023 11:42

Instrument :

MSVOA_Y

ClientSampleId :

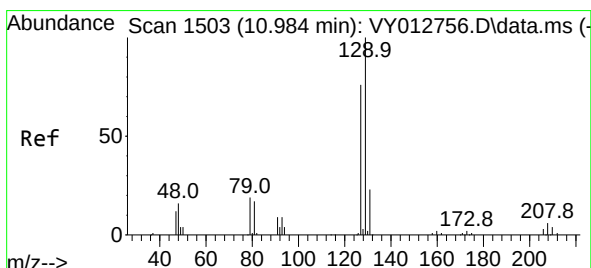
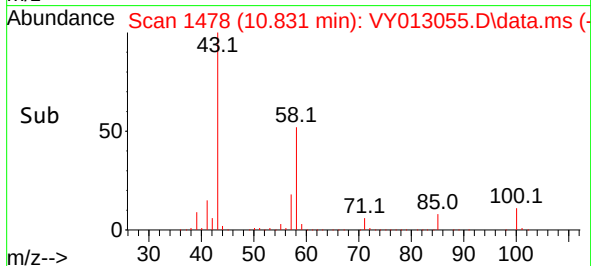
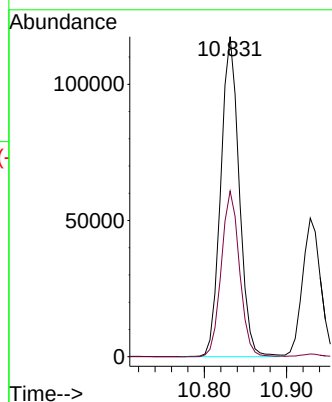
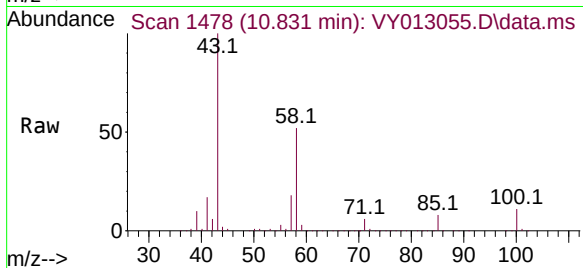
VSTDCCC050

Tgt Ion: 43 Resp: 182826

Ion Ratio Lower Upper

43 100

58 51.3 25.9 77.8



#60

Dibromochloromethane

Concen: 51.344 ug/l

RT: 10.984 min Scan# 1503

Delta R.T. 0.000 min

Lab File: VY013055.D

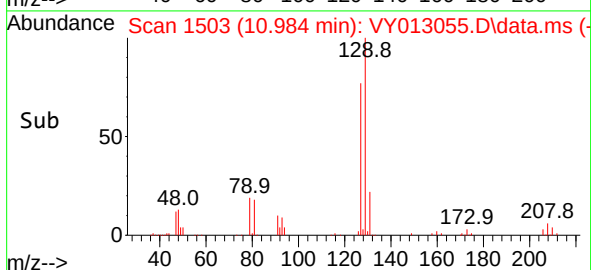
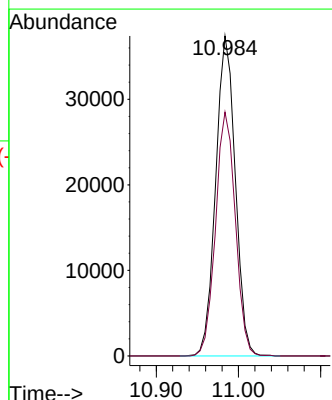
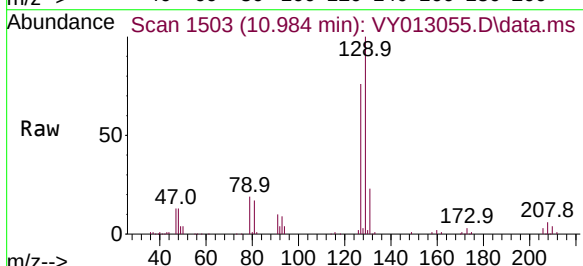
Acq: 23 Mar 2023 11:42

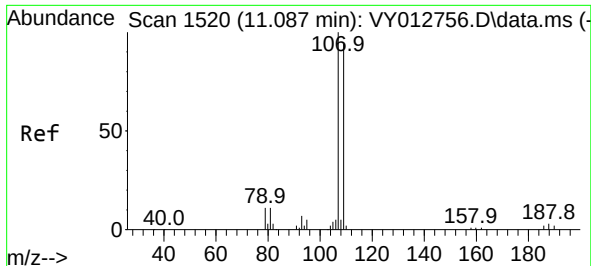
Tgt Ion: 129 Resp: 61979

Ion Ratio Lower Upper

129 100

127 76.9 38.7 116.1

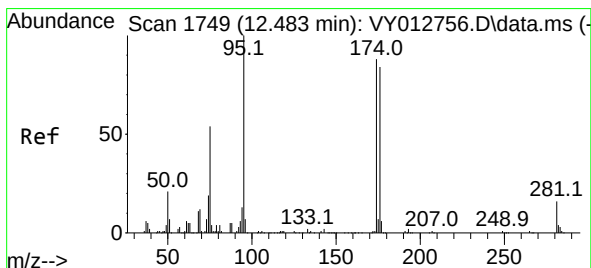
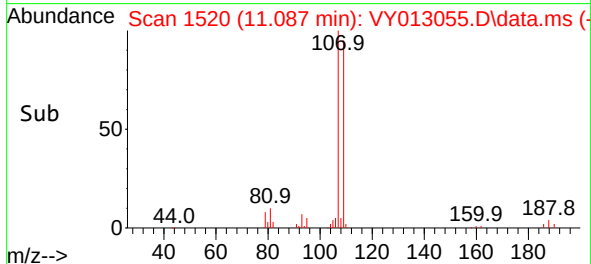
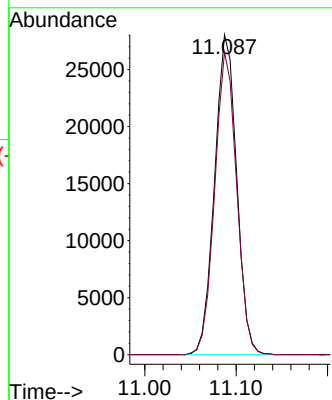
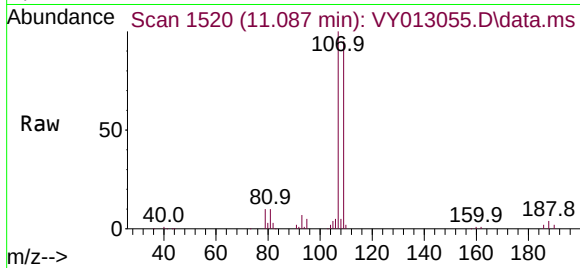




#61
1,2-Dibromoethane
Concen: 49.222 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013055.D
Acq: 23 Mar 2023 11:42

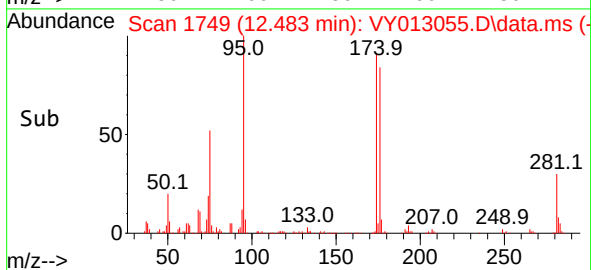
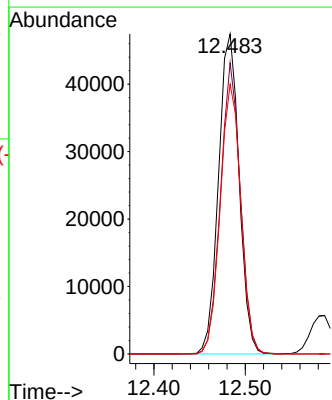
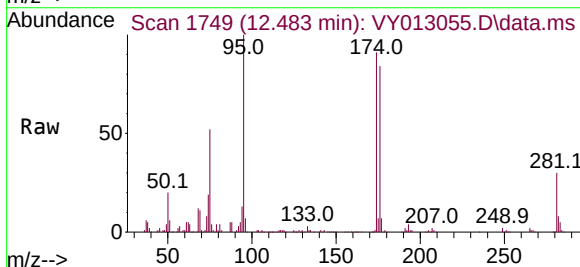
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

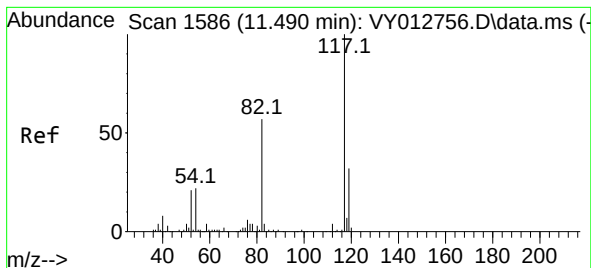
Tgt Ion:107 Resp: 47020
Ion Ratio Lower Upper
107 100
109 93.9 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 57.712 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013055.D
Acq: 23 Mar 2023 11:42

Tgt Ion: 95 Resp: 74297
Ion Ratio Lower Upper
95 100
174 87.6 0.0 176.6
176 84.5 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY013055.D

Acq: 23 Mar 2023 11:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

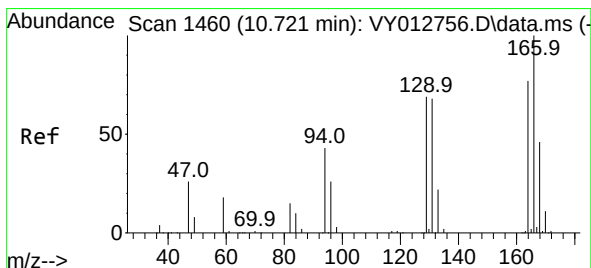
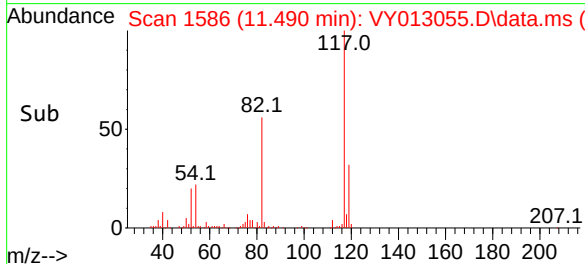
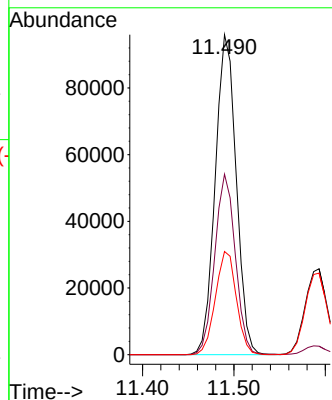
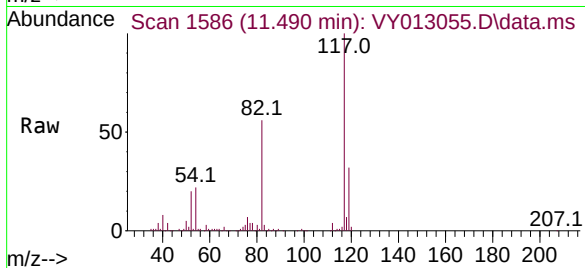
Tgt Ion:117 Resp: 153214

Ion Ratio Lower Upper

117 100

82 56.4 45.4 68.0

119 32.2 25.6 38.4



#64

Tetrachloroethene

Concen: 53.359 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY013055.D

Acq: 23 Mar 2023 11:42

Tgt Ion:164 Resp: 59522

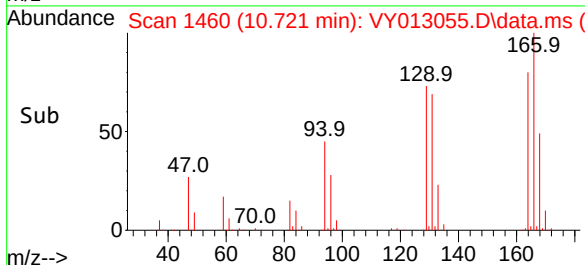
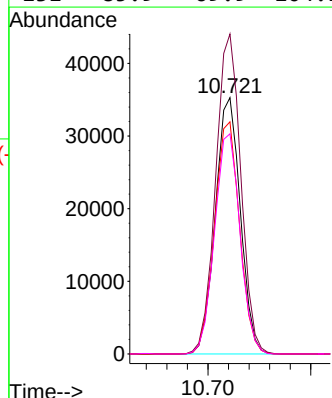
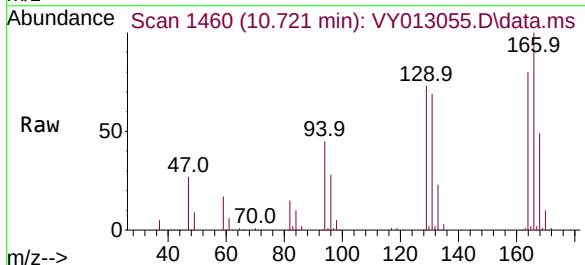
Ion Ratio Lower Upper

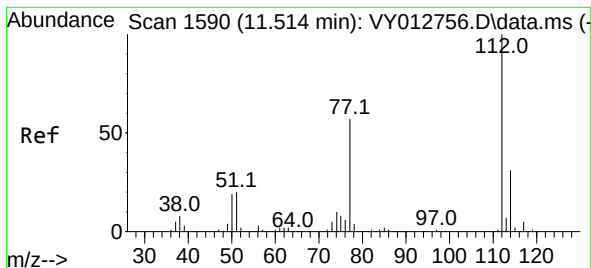
164 100

166 124.8 103.4 155.2

129 90.6 71.4 107.2

131 85.9 69.9 104.9

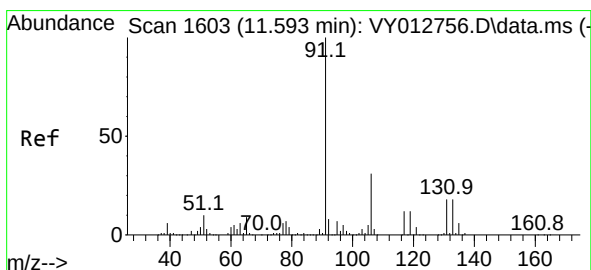
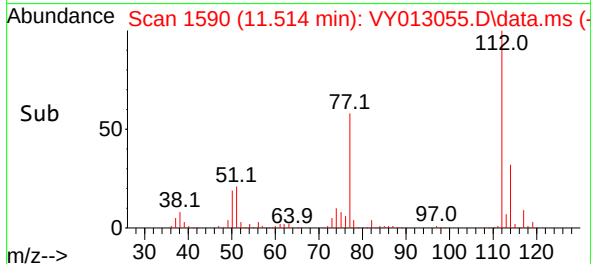
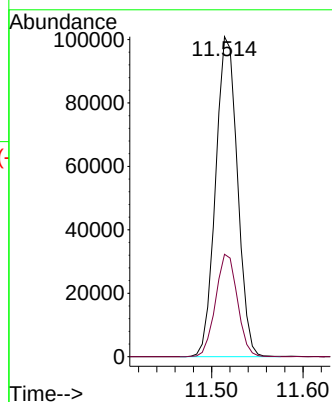
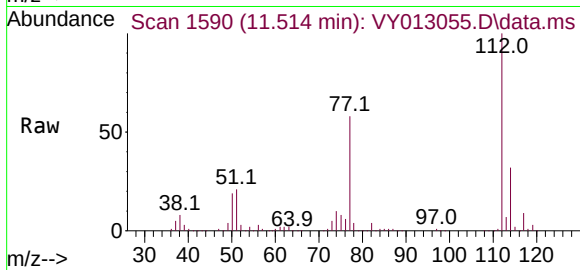




#65
Chlorobenzene
Concen: 52.106 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013055.D
Acq: 23 Mar 2023 11:42

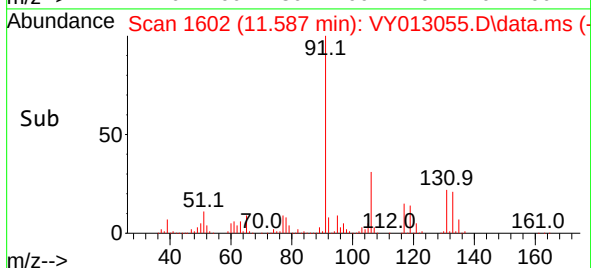
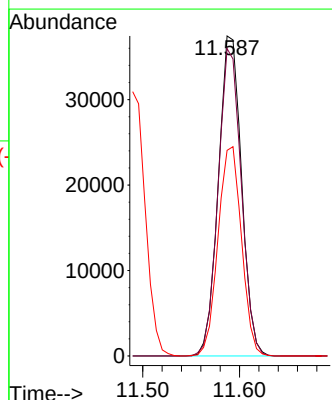
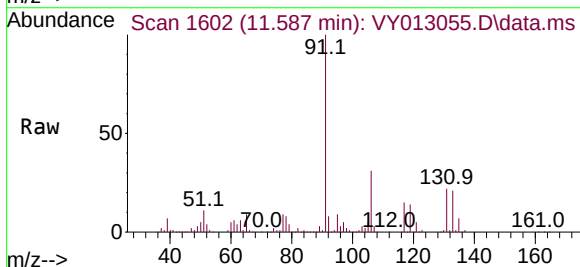
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

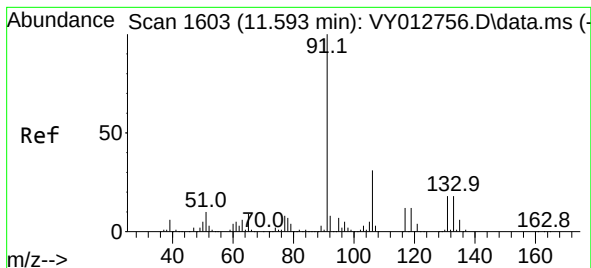
Tgt Ion:112 Resp: 167551
Ion Ratio Lower Upper
112 100
114 32.0 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 52.206 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY013055.D
Acq: 23 Mar 2023 11:42

Tgt Ion:131 Resp: 62118
Ion Ratio Lower Upper
131 100
133 96.3 48.0 144.0
119 66.4 32.6 98.0





#67

Ethyl Benzene

Concen: 53.880 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013055.D

Acq: 23 Mar 2023 11:42

Instrument :

MSVOA_Y

ClientSampleId :

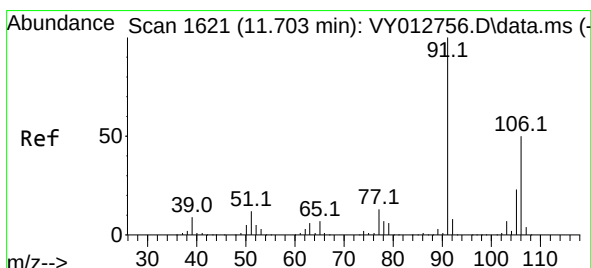
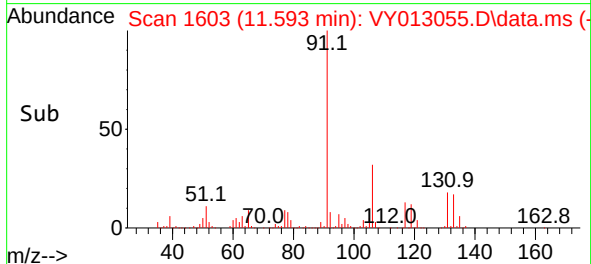
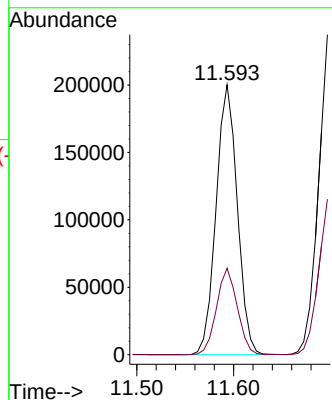
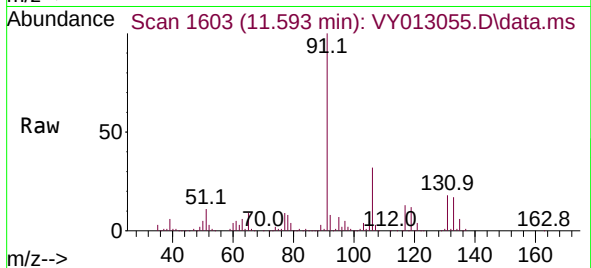
VSTDCCC050

Tgt Ion: 91 Resp: 304612

Ion Ratio Lower Upper

91 100

106 32.0 25.1 37.7



#68

m/p-Xylenes

Concen: 108.211 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY013055.D

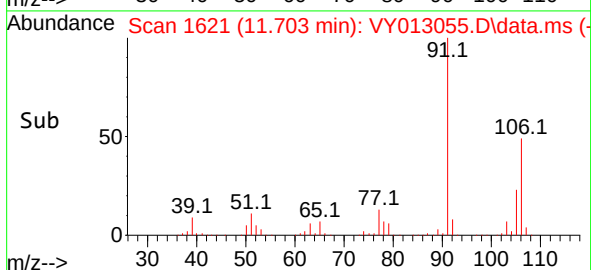
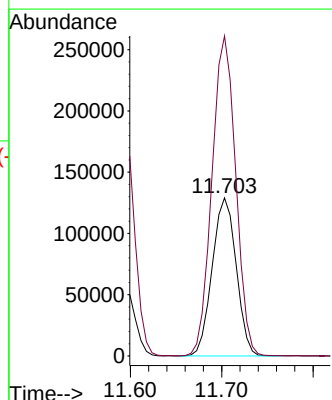
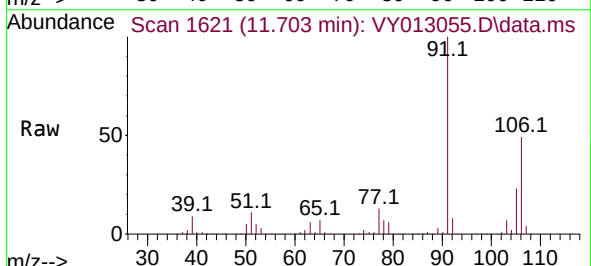
Acq: 23 Mar 2023 11:42

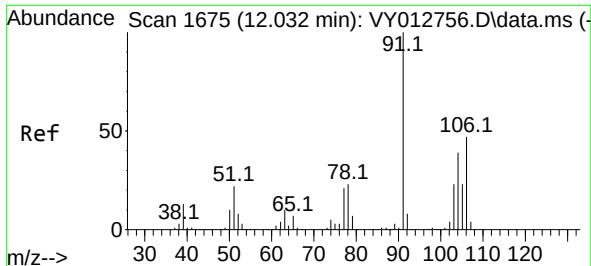
Tgt Ion:106 Resp: 235347

Ion Ratio Lower Upper

106 100

91 200.3 159.8 239.8

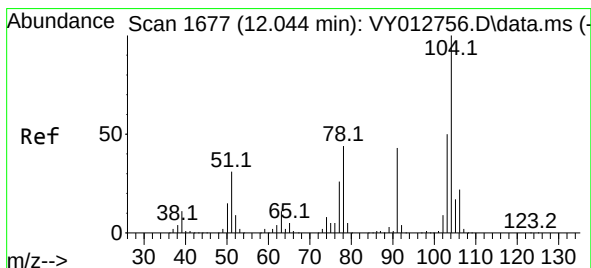
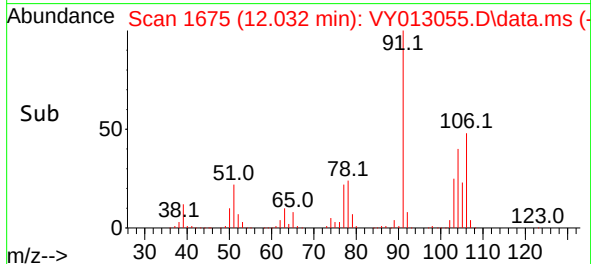
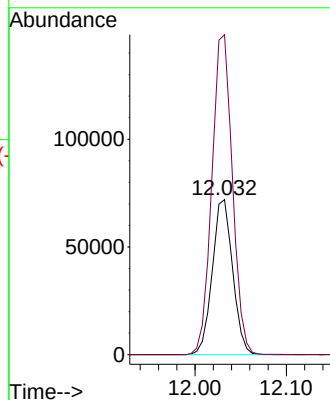
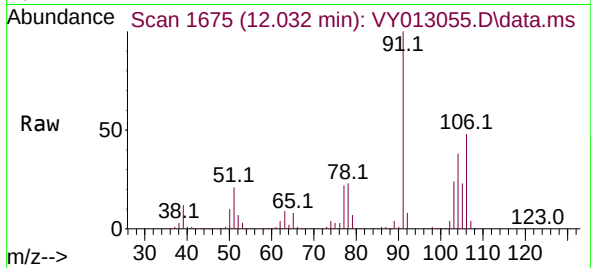




#69
o-Xylene
Concen: 54.910 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY013055.D
Acq: 23 Mar 2023 11:42

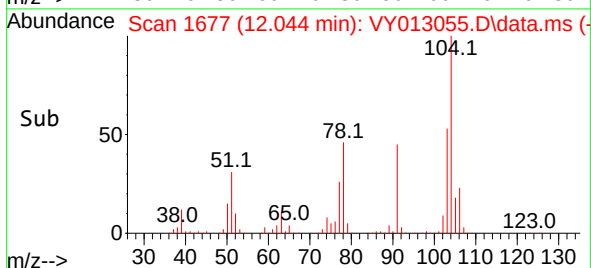
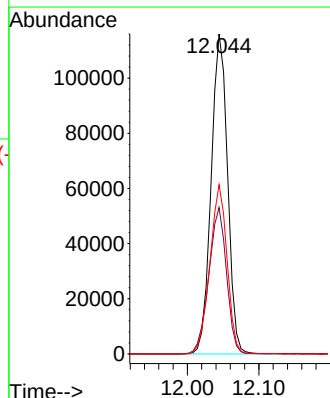
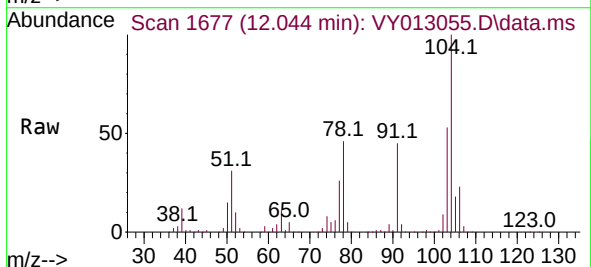
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

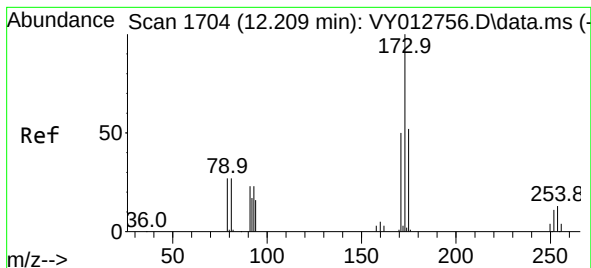
Tgt Ion:106 Resp: 111456
Ion Ratio Lower Upper
106 100
91 208.4 107.2 321.6



#70
Styrene
Concen: 54.635 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013055.D
Acq: 23 Mar 2023 11:42

Tgt Ion:104 Resp: 185065
Ion Ratio Lower Upper
104 100
78 49.3 39.2 58.8
103 55.3 43.7 65.5





#71

Bromoform

Concen: 50.248 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013055.D

Acq: 23 Mar 2023 11:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

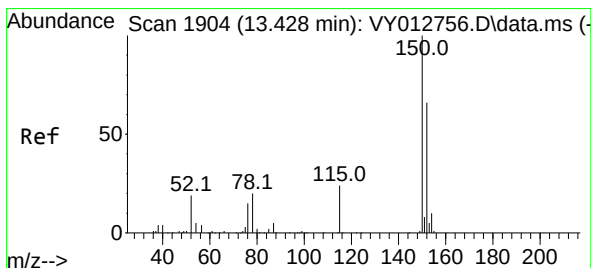
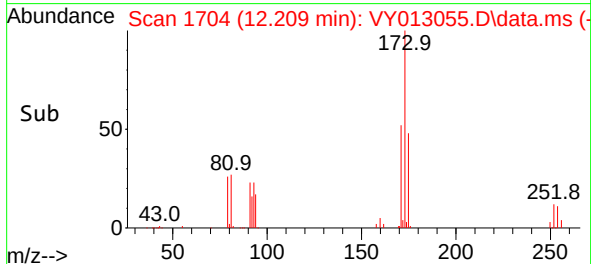
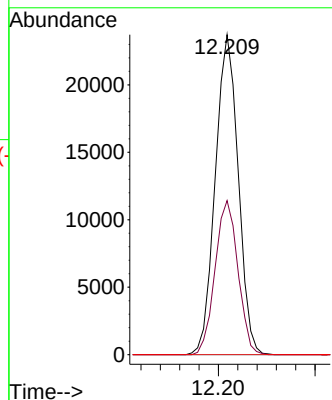
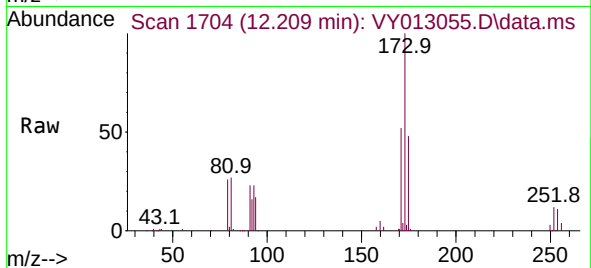
Tgt Ion:173 Resp: 38982

Ion Ratio Lower Upper

173 100

175 48.0 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY013055.D

Acq: 23 Mar 2023 11:42

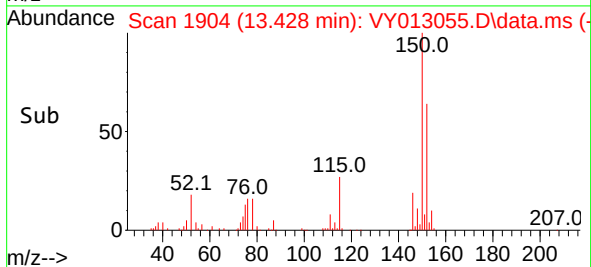
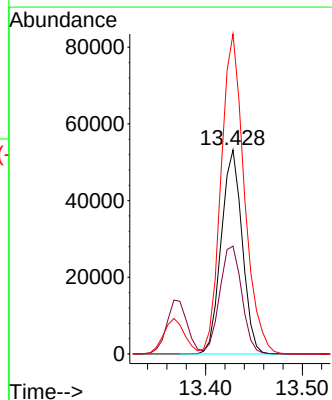
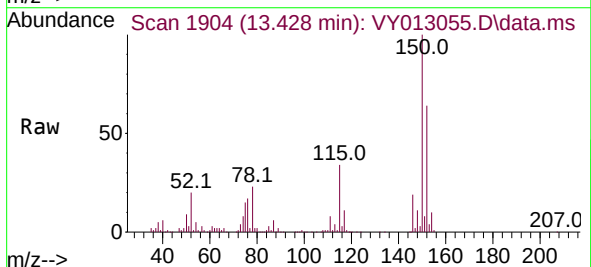
Tgt Ion:152 Resp: 79951

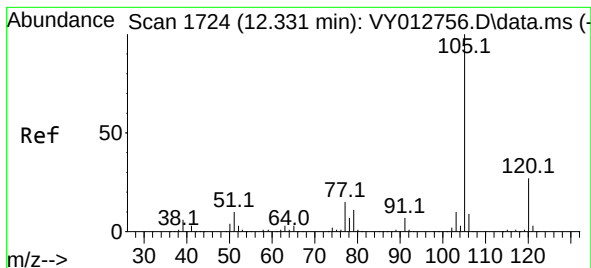
Ion Ratio Lower Upper

152 100

115 55.6 27.1 81.3

150 174.0 0.0 347.8





#73

Isopropylbenzene

Concen: 51.830 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013055.D

Acq: 23 Mar 2023 11:42

Instrument :

MSVOA_Y

ClientSampleId :

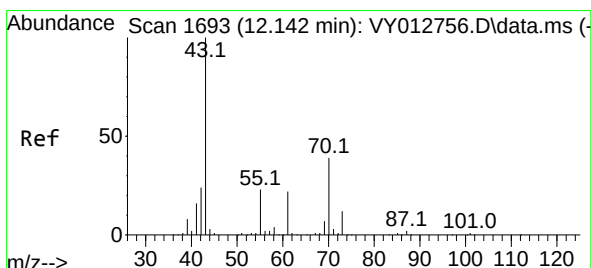
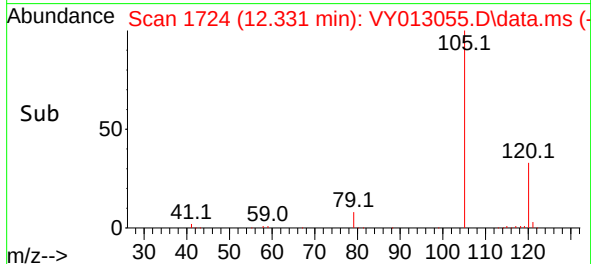
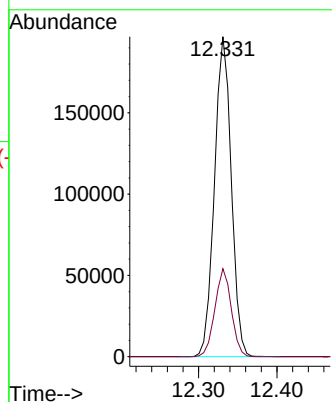
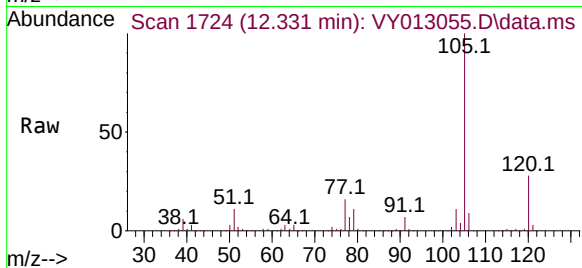
VSTDCCC050

Tgt Ion:105 Resp: 293679

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.2



#74

N-ethyl acetate

Concen: 45.319 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY013055.D

Acq: 23 Mar 2023 11:42

Tgt Ion: 43 Resp: 80794

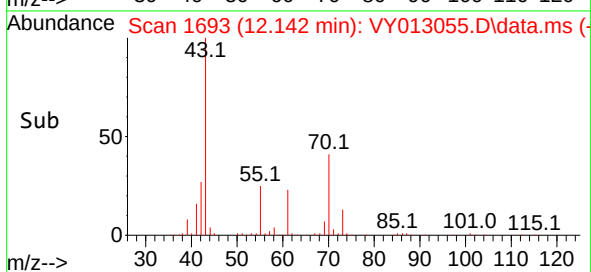
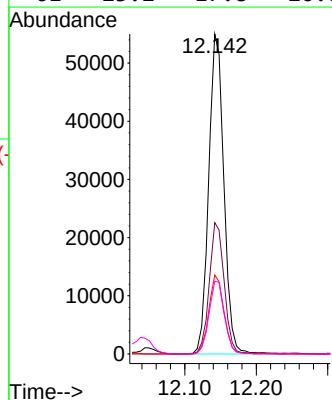
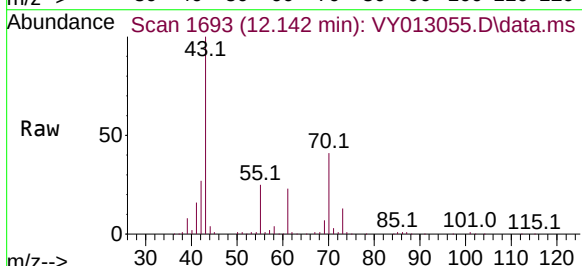
Ion Ratio Lower Upper

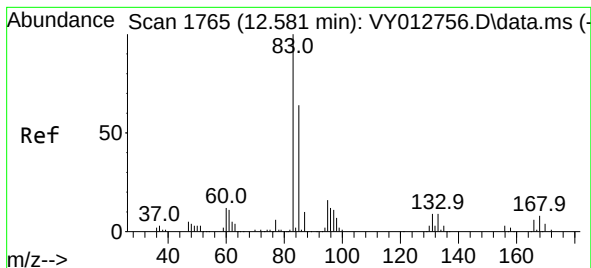
43 100

70 40.4 31.6 47.4

55 24.7 18.8 28.2

61 23.2 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 46.681 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY013055.D

Acq: 23 Mar 2023 11:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

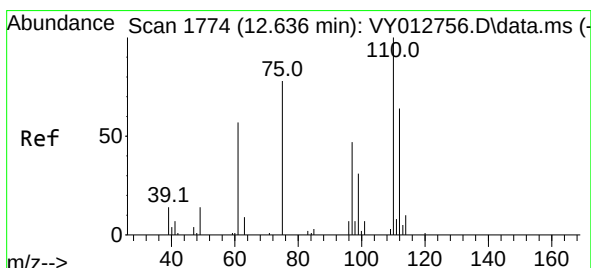
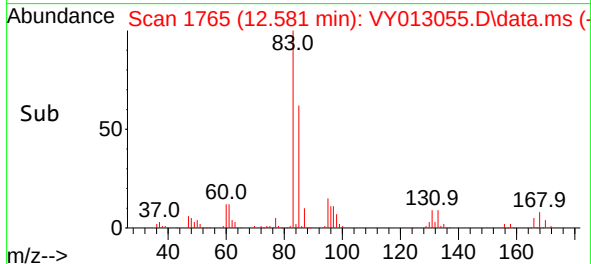
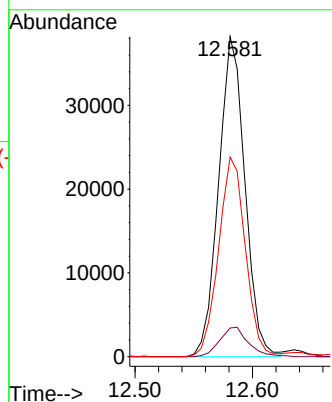
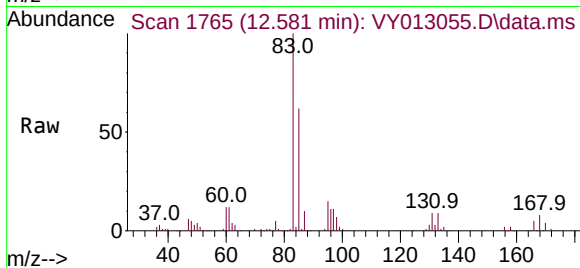
Tgt Ion: 83 Resp: 59458

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.2

85 63.6 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 80.302 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY013055.D

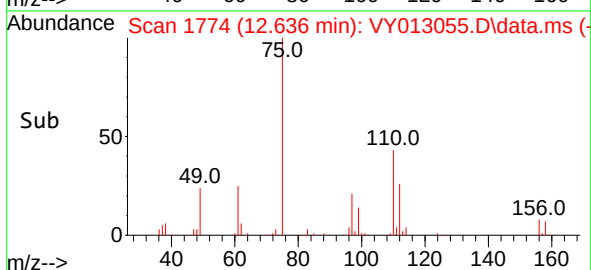
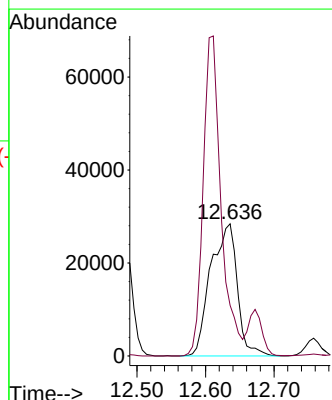
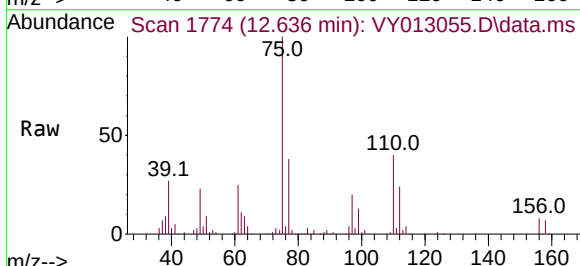
Acq: 23 Mar 2023 11:42

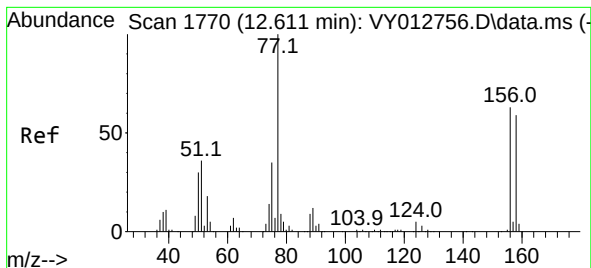
Tgt Ion: 75 Resp: 76668

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.969 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY013055.D

Acq: 23 Mar 2023 11:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

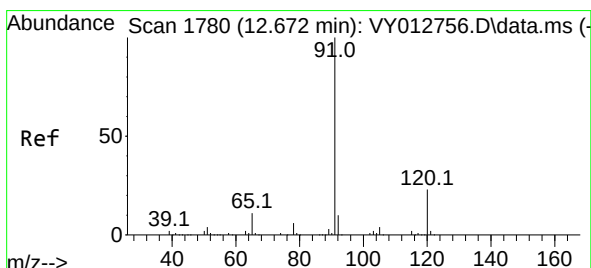
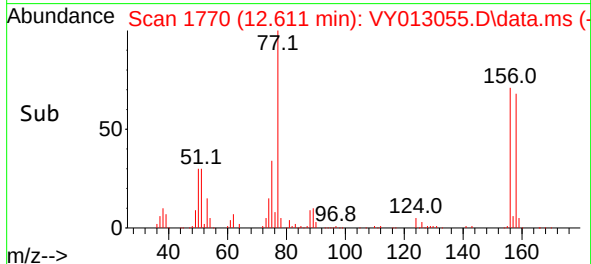
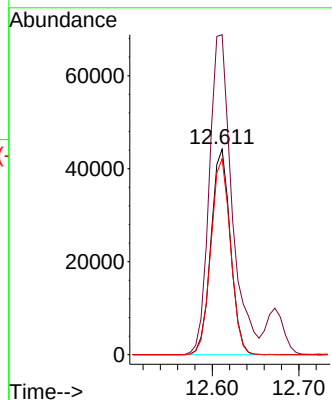
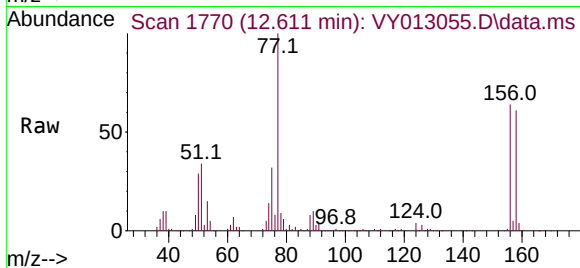
Tgt Ion:156 Resp: 68782

Ion Ratio Lower Upper

156 100

77 181.9 94.0 282.1

158 96.2 48.1 144.4



#78

n-propylbenzene

Concen: 52.139 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013055.D

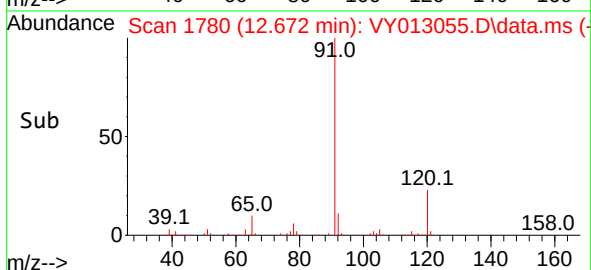
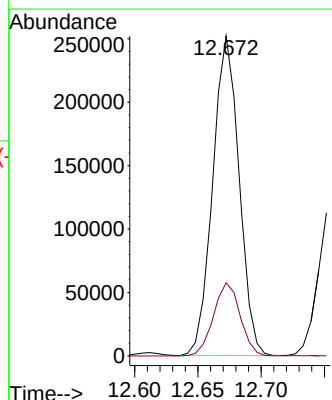
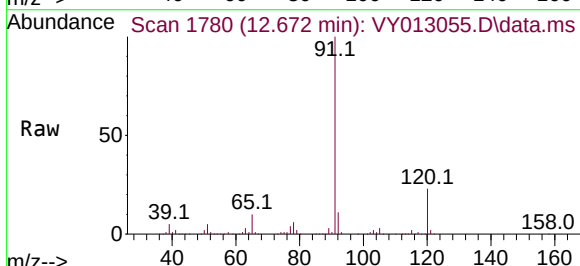
Acq: 23 Mar 2023 11:42

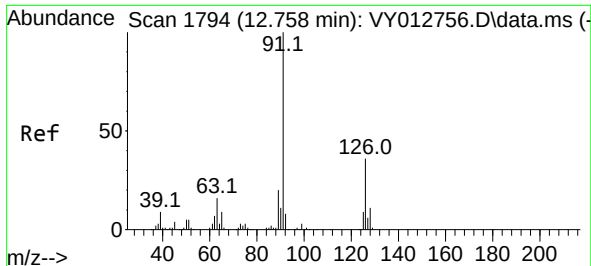
Tgt Ion: 91 Resp: 364232

Ion Ratio Lower Upper

91 100

120 23.2 11.6 34.8

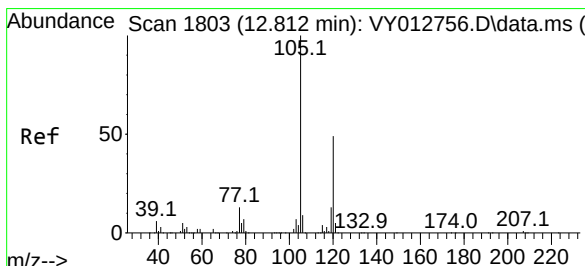
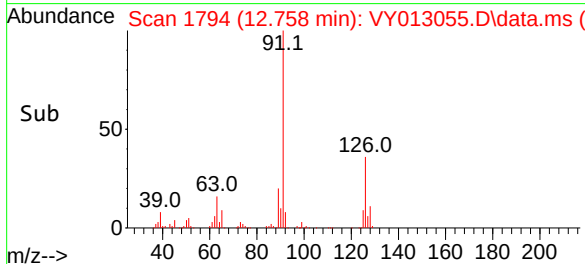
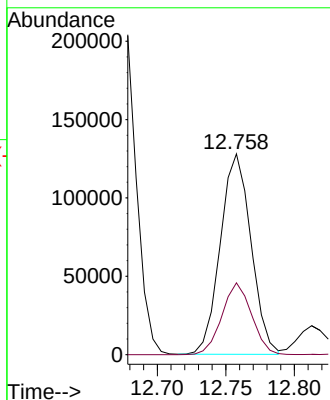
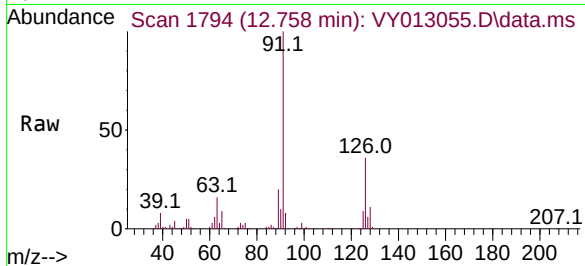




#79
2-Chlorotoluene
Concen: 51.365 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013055.D
Acq: 23 Mar 2023 11:42

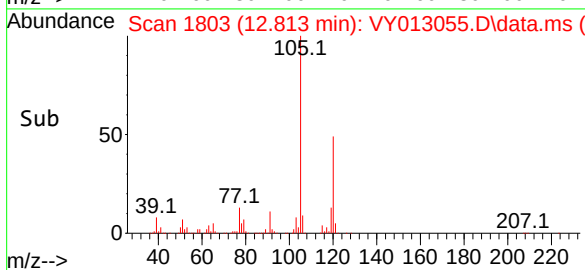
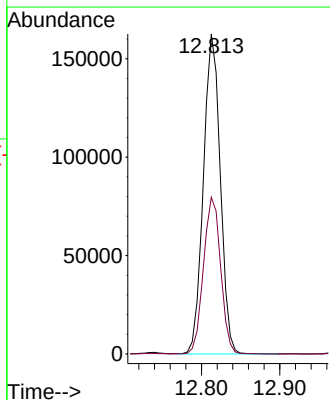
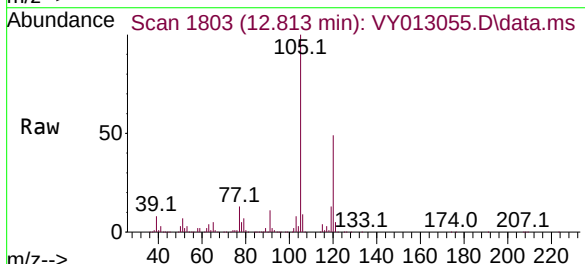
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

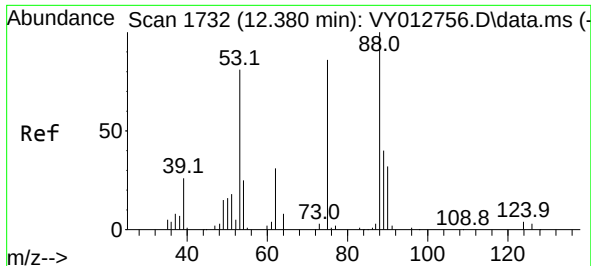
Tgt Ion: 91 Resp: 199428
Ion Ratio Lower Upper
91 100
126 34.7 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 52.004 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013055.D
Acq: 23 Mar 2023 11:42

Tgt Ion: 105 Resp: 243176
Ion Ratio Lower Upper
105 100
120 49.7 24.8 74.4

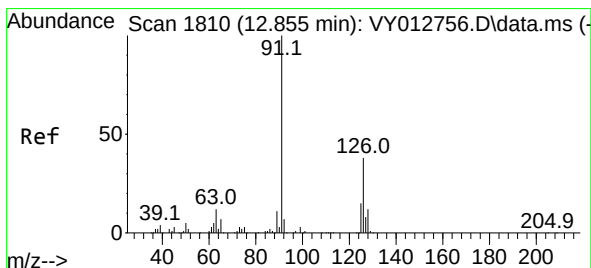
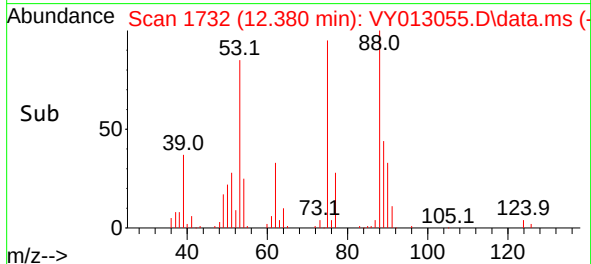
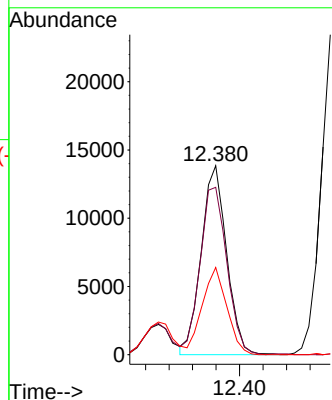
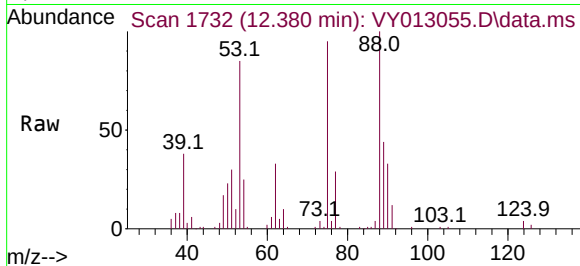




#81
trans-1,4-Dichloro-2-butene
Concen: 45.172 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY013055.D
Acq: 23 Mar 2023 11:42

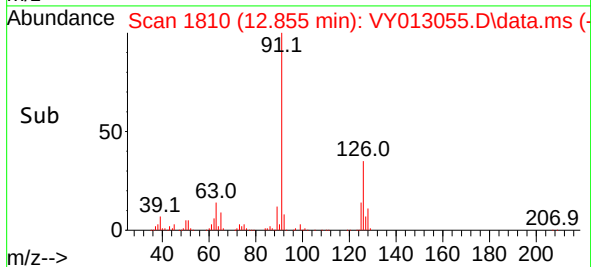
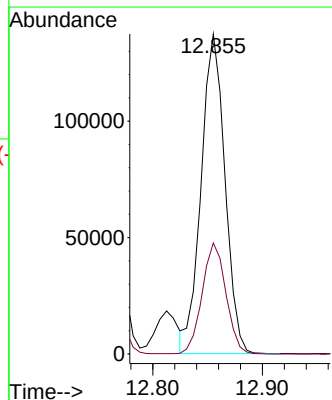
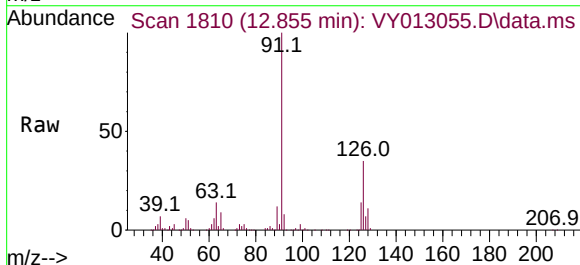
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

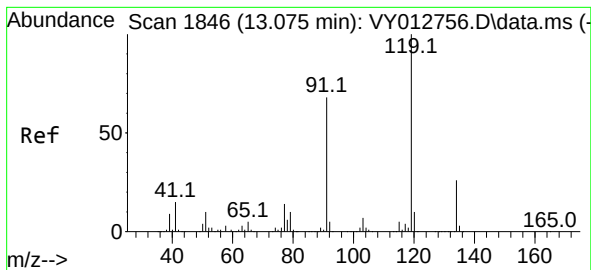
Tgt Ion:	75	Resp:	20814
Ion	Ratio	Lower	Upper
75	100		
53	93.5	73.4	110.0
89	44.4	36.6	55.0



#82
4-Chlorotoluene
Concen: 51.572 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013055.D
Acq: 23 Mar 2023 11:42

Tgt Ion:	91	Resp:	207273
Ion	Ratio	Lower	Upper
91	100		
126	34.7	17.7	53.1

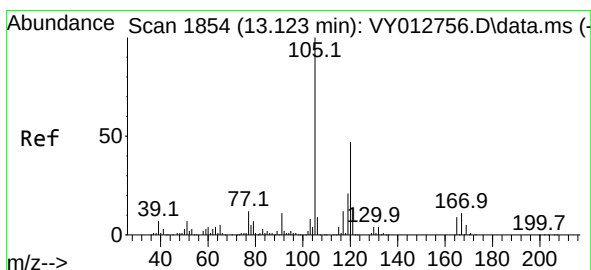
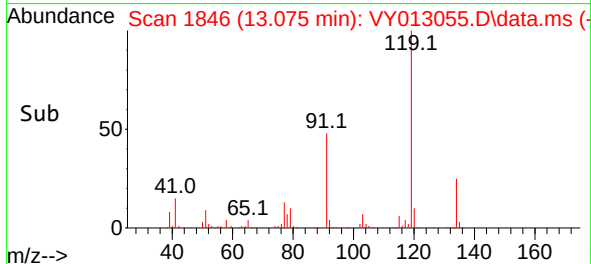
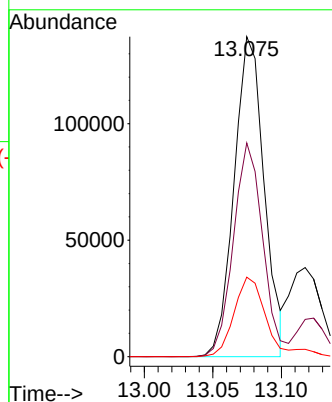
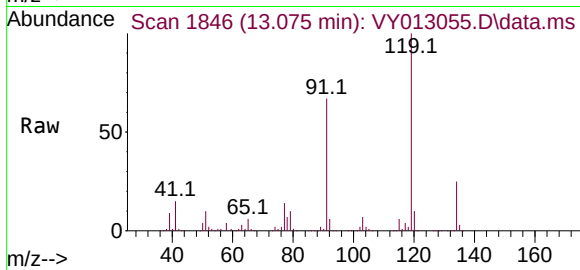




#83
tert-Butylbenzene
Concen: 52.018 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY013055.D
Acq: 23 Mar 2023 11:42

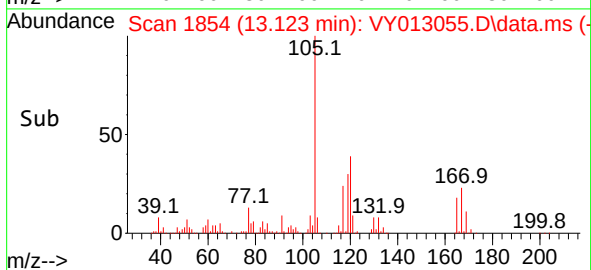
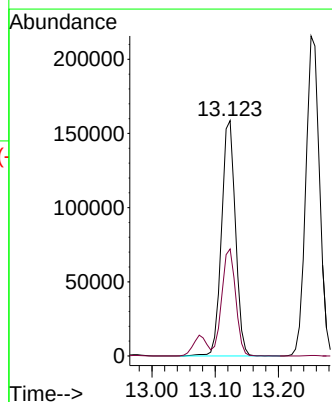
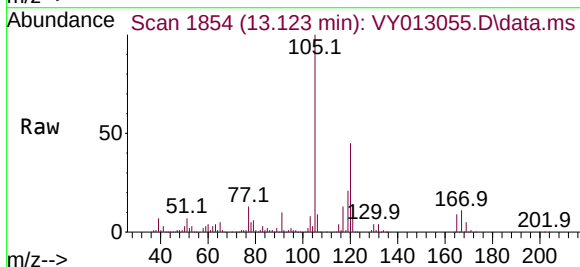
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

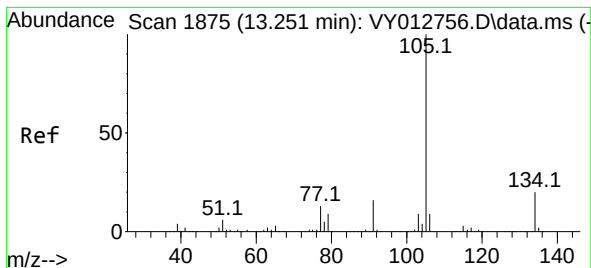
Tgt Ion:119 Resp: 209945
Ion Ratio Lower Upper
119 100
91 65.7 32.8 98.3
134 27.1 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 52.655 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY013055.D
Acq: 23 Mar 2023 11:42

Tgt Ion:105 Resp: 240768
Ion Ratio Lower Upper
105 100
120 45.3 23.0 69.0





#85

sec-Butylbenzene

Concen: 52.485 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013055.D

Acq: 23 Mar 2023 11:42

Instrument :

MSVOA_Y

ClientSampleId :

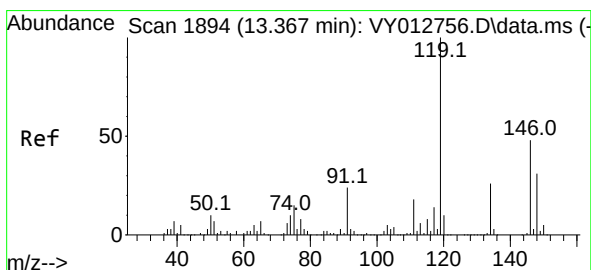
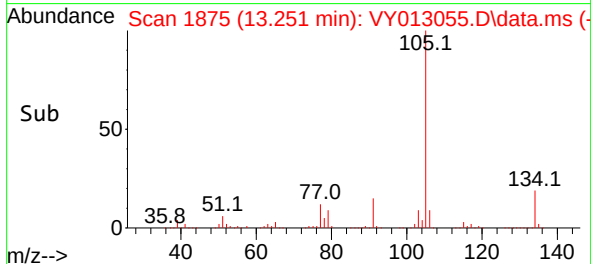
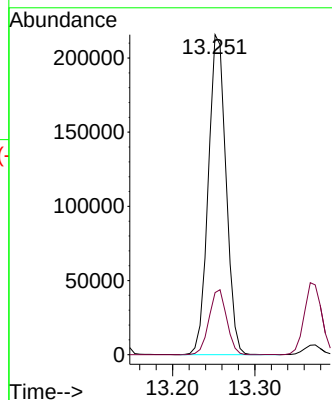
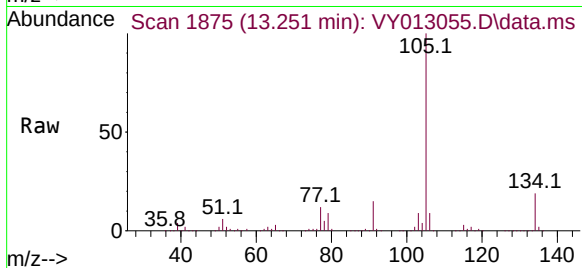
VSTDCCC050

Tgt Ion:105 Resp: 323165

Ion Ratio Lower Upper

105 100

134 20.2 10.4 31.1



#86

p-Isopropyltoluene

Concen: 52.781 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY013055.D

Acq: 23 Mar 2023 11:42

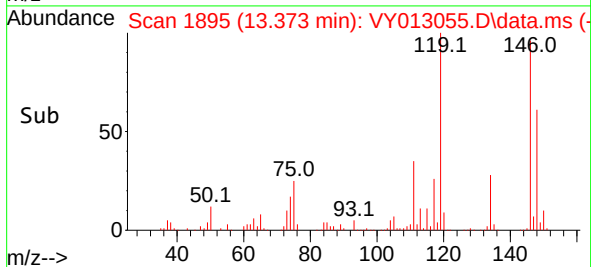
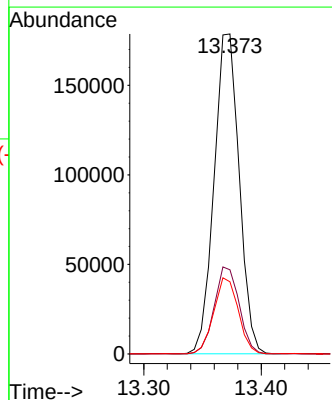
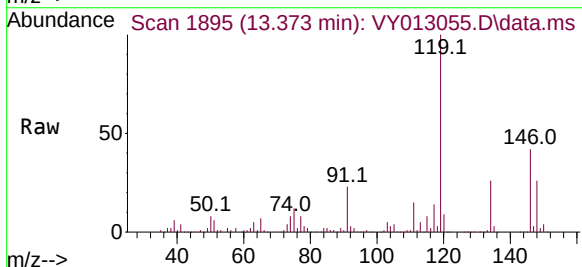
Tgt Ion:119 Resp: 265609

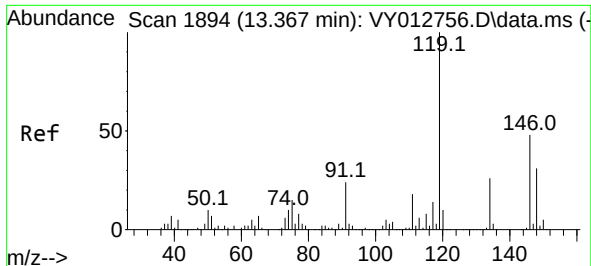
Ion Ratio Lower Upper

119 100

134 26.9 13.2 39.6

91 23.2 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 51.511 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013055.D

Acq: 23 Mar 2023 11:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

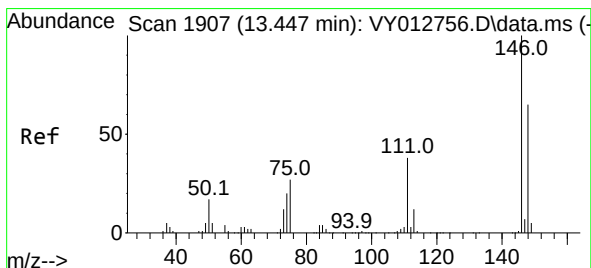
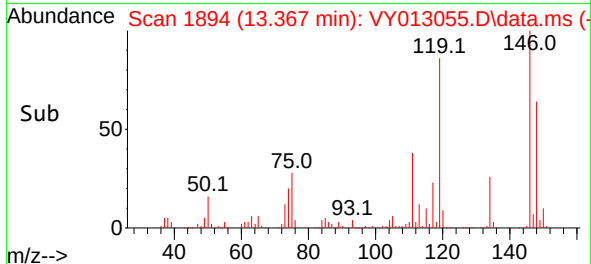
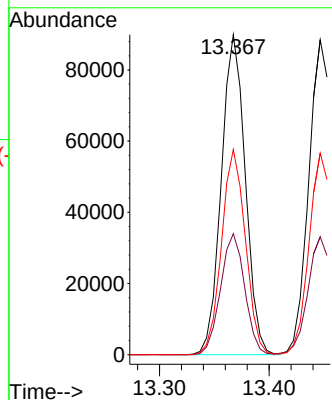
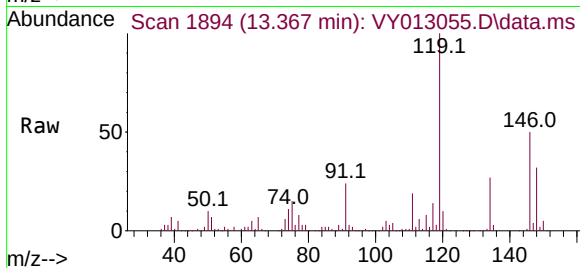
Tgt Ion:146 Resp: 136753

Ion Ratio Lower Upper

146 100

111 38.0 19.1 57.5

148 63.6 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 49.746 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY013055.D

Acq: 23 Mar 2023 11:42

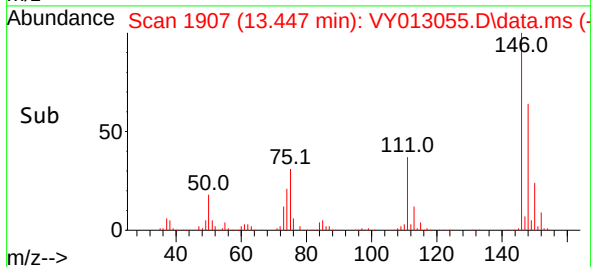
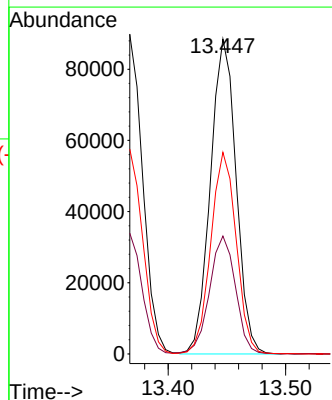
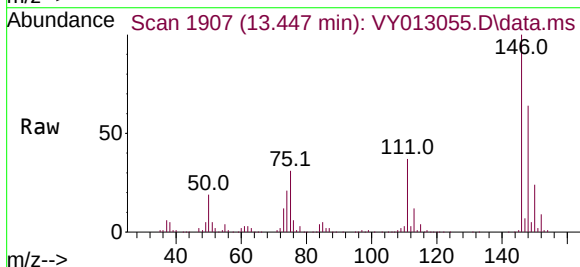
Tgt Ion:146 Resp: 134787

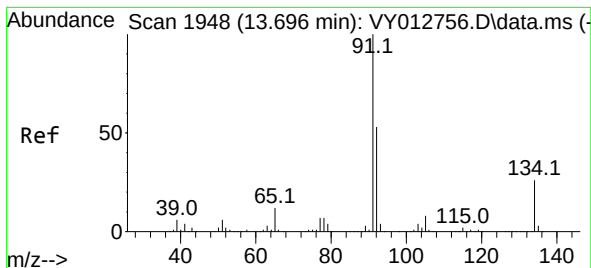
Ion Ratio Lower Upper

146 100

111 37.9 18.6 55.8

148 63.5 31.5 94.5





#89

n-Butylbenzene

Concen: 52.693 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013055.D

Acq: 23 Mar 2023 11:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

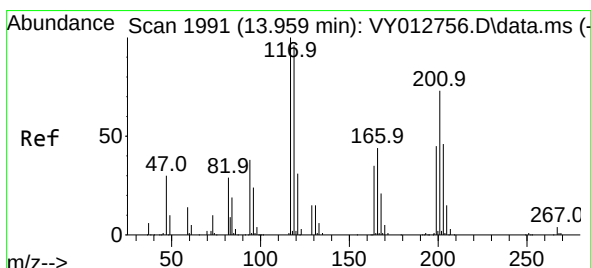
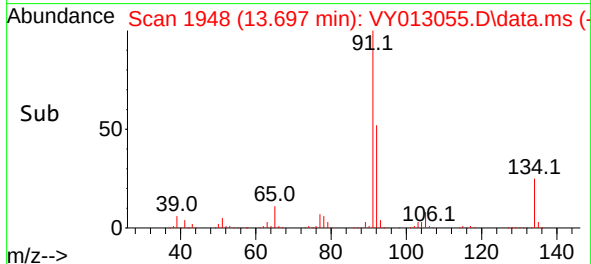
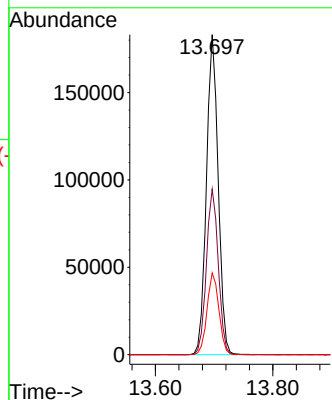
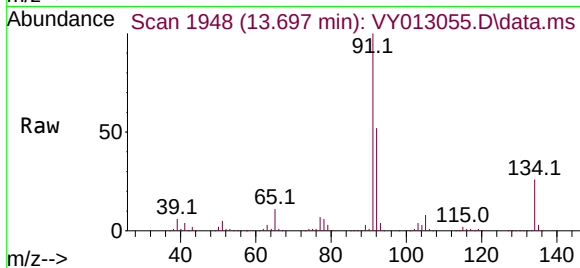
Tgt Ion: 91 Resp: 253844

Ion Ratio Lower Upper

91 100

92 52.4 26.4 79.0

134 25.9 13.0 38.9



#90

Hexachloroethane

Concen: 48.256 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY013055.D

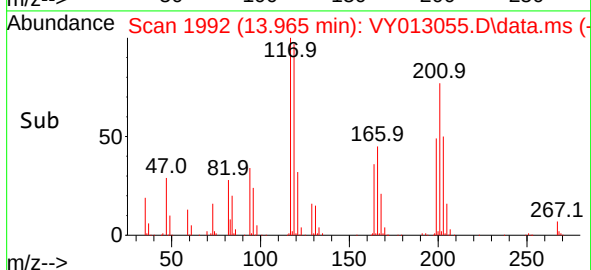
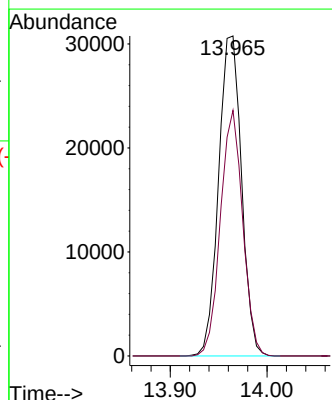
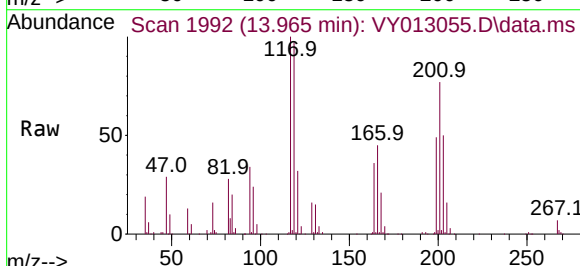
Acq: 23 Mar 2023 11:42

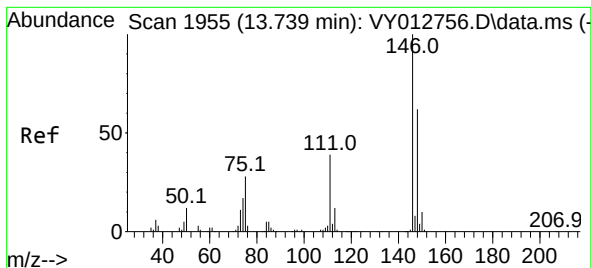
Tgt Ion: 117 Resp: 50577

Ion Ratio Lower Upper

117 100

201 74.4 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 50.590 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013055.D

Acq: 23 Mar 2023 11:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

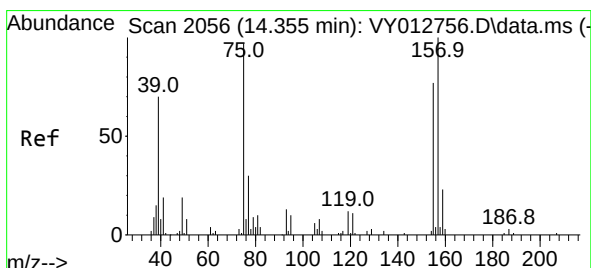
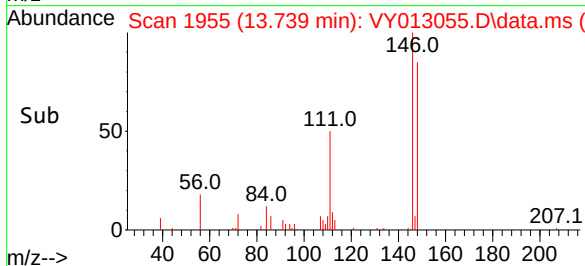
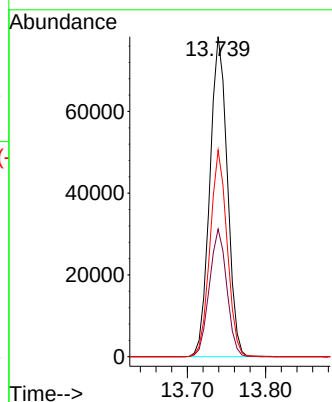
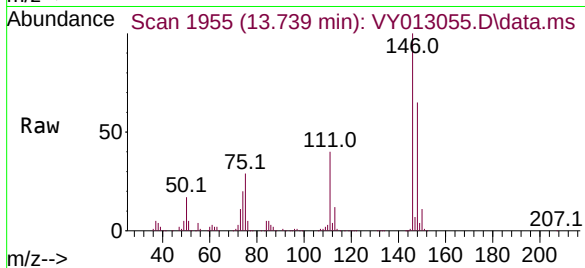
Tgt Ion:146 Resp: 121409

Ion Ratio Lower Upper

146 100

111 39.6 19.7 59.1

148 63.0 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 39.669 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY013055.D

Acq: 23 Mar 2023 11:42

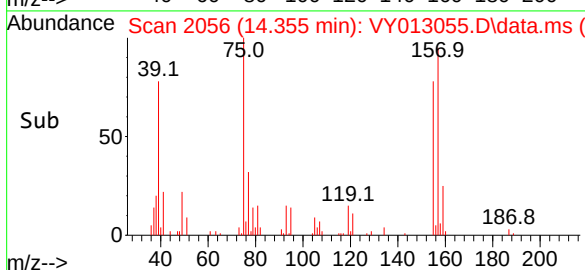
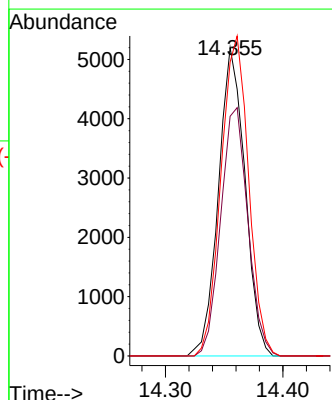
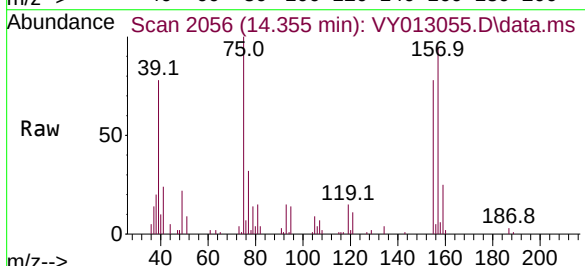
Tgt Ion: 75 Resp: 8166

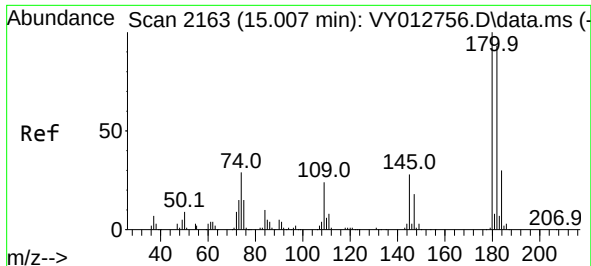
Ion Ratio Lower Upper

75 100

155 82.4 43.8 131.4

157 107.8 54.1 162.3

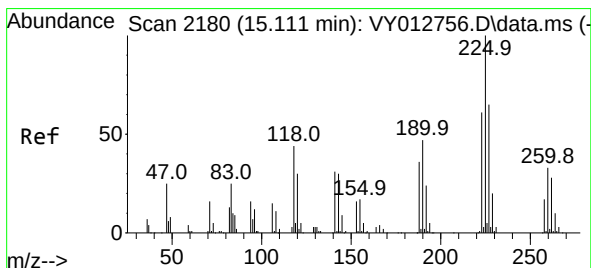
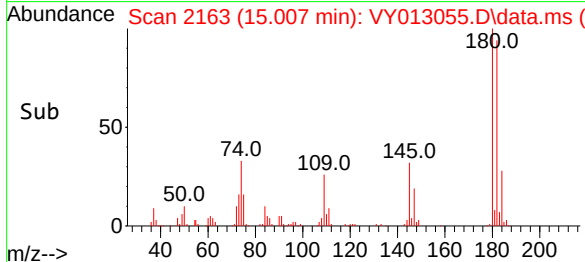
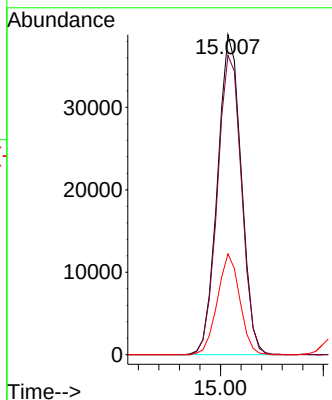
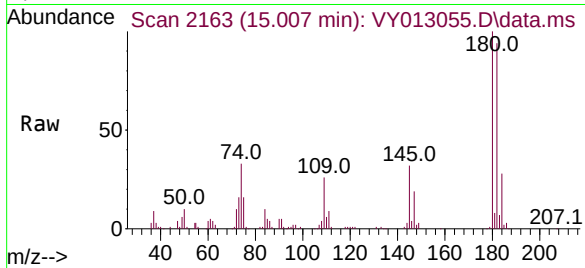




#93
1,2,4-Trichlorobenzene
Concen: 42.065 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY013055.D
Acq: 23 Mar 2023 11:42

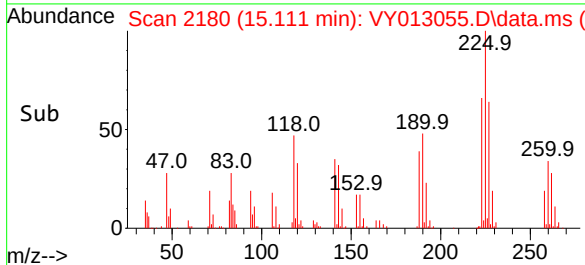
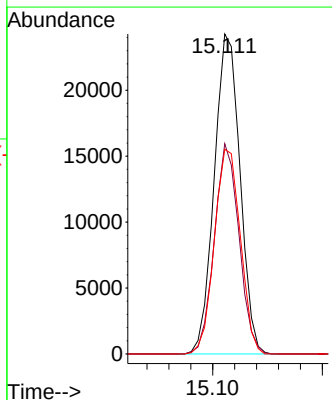
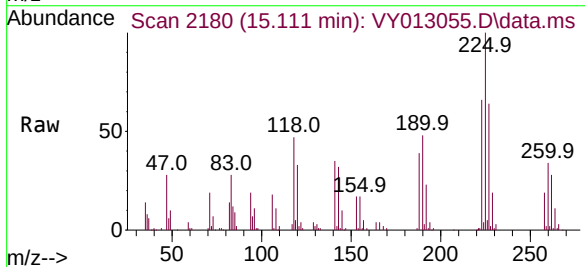
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

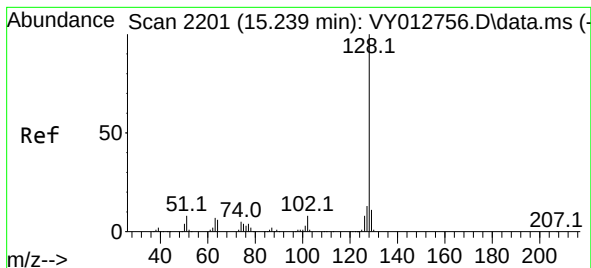
Tgt Ion:180 Resp: 62156
Ion Ratio Lower Upper
180 100
182 95.1 46.7 140.1
145 29.7 14.6 43.8



#94
Hexachlorobutadiene
Concen: 43.983 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY013055.D
Acq: 23 Mar 2023 11:42

Tgt Ion:225 Resp: 39639
Ion Ratio Lower Upper
225 100
223 62.9 31.1 93.3
227 64.4 32.4 97.0





#95

Naphthalene

Concen: 41.745 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY013055.D

Acq: 23 Mar 2023 11:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

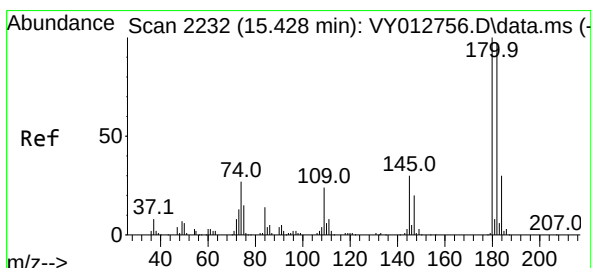
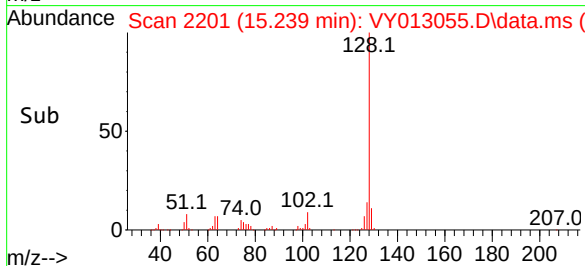
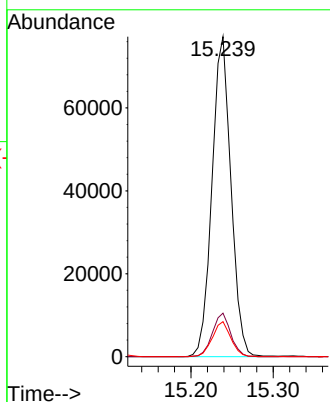
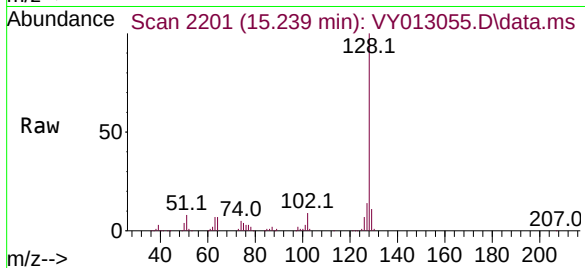
Tgt Ion:128 Resp: 123606

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 43.262 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY013055.D

Acq: 23 Mar 2023 11:42

Tgt Ion:180 Resp: 56853

Ion Ratio Lower Upper

180 100

182 94.3 47.4 142.3

145 31.5 15.3 45.8

