

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051023\
 Data File : VY013702.D
 Acq On : 10 May 2023 20:45
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 11 03:34:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	218666	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	333104	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	308106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	160077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	135276	56.434	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.860%
35) Dibromofluoromethane	7.716	113	120271	57.407	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.820%
50) Toluene-d8	10.179	98	404289	54.245	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.480%
62) 4-Bromofluorobenzene	12.483	95	148358	59.046	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	118.100%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	110069	52.948	ug/l	98
3) Chloromethane	2.107	50	130007	46.656	ug/l	98
4) Vinyl Chloride	2.247	62	131771	47.493	ug/l	99
5) Bromomethane	2.649	94	97777	44.223	ug/l	98
6) Chloroethane	2.790	64	83267	43.442	ug/l	94
7) Trichlorofluoromethane	3.125	101	225890	53.744	ug/l	97
8) Diethyl Ether	3.527	74	74739	52.218	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.899	101	119942	50.875	ug/l	98
10) Methyl Iodide	4.088	142	146064	49.327	ug/l	97
11) Tert butyl alcohol	4.960	59	90638	335.486	ug/l #	87
12) 1,1-Dichloroethene	3.869	96	111918	49.248	ug/l	90
13) Acrolein	3.729	56	32713	152.747	ug/l	96
14) Allyl chloride	4.478	41	210980	50.034	ug/l	98
15) Acrylonitrile	5.161	53	216120	269.617	ug/l	99
16) Acetone	3.948	43	217802	230.726	ug/l	99
17) Carbon Disulfide	4.192	76	325335	44.071	ug/l	99
18) Methyl Acetate	4.478	43	162966	52.270	ug/l	95
19) Methyl tert-butyl Ether	5.216	73	356302	54.307	ug/l	99
20) Methylene Chloride	4.716	84	174500	60.746	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	128885	51.870	ug/l	96
22) Diisopropyl ether	6.118	45	460233	55.840	ug/l	95
23) Vinyl Acetate	6.057	43	1377963	295.285	ug/l	96
24) 1,1-Dichloroethane	6.015	63	252225	54.909	ug/l	98
25) 2-Butanone	6.984	43	298908	249.676	ug/l	97
26) 2,2-Dichloropropane	6.978	77	212546	53.698	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	152197	55.438	ug/l	96
28) Bromochloromethane	7.332	49	86731	53.207	ug/l	84
29) Tetrahydrofuran	7.350	42	191628	257.143	ug/l	91
30) Chloroform	7.502	83	261245	57.201	ug/l	98
31) Cyclohexane	7.783	56	199465	46.476	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	229029	56.197	ug/l	98
36) 1,1-Dichloropropene	7.917	75	186003	53.494	ug/l	97
37) Ethyl Acetate	7.069	43	131886	50.403	ug/l	98
38) Carbon Tetrachloride	7.899	117	208367	57.175	ug/l	95
39) Methylcyclohexane	9.185	83	208685	50.910	ug/l	98
40) Benzene	8.161	78	545923	55.738	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	59669	48.936	ug/l	91
42) 1,2-Dichloroethane	8.234	62	187483	58.549	ug/l	97
43) Isopropyl Acetate	8.270	43	234259	53.041	ug/l	97
44) Trichloroethene	8.935	130	145379	55.801	ug/l	99
45) 1,2-Dichloropropane	9.215	63	144675	56.494	ug/l	96
46) Dibromomethane	9.301	93	84045	54.849	ug/l	98
47) Bromodichloromethane	9.496	83	203188	59.261	ug/l	97
48) Methyl methacrylate	9.295	41	110400	54.428	ug/l	94
49) 1,4-Dioxane	9.301	88	21908	1001.084	ug/l #	88
51) 4-Methyl-2-Pentanone	10.069	43	669640	272.089	ug/l	96
52) Toluene	10.240	92	336840	57.149	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	205527	56.639	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	229586	56.228	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	117908	58.106	ug/l	95
56) Ethyl methacrylate	10.508	69	161580	57.395	ug/l	93
57) 1,3-Dichloropropane	10.788	76	198032	57.624	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	278371	263.694	ug/l	94
59) 2-Hexanone	10.831	43	473343	264.581	ug/l	95
60) Dibromochloromethane	10.983	129	146848	59.600	ug/l	100
61) 1,2-Dibromoethane	11.087	107	111616	55.947	ug/l	99
64) Tetrachloroethene	10.721	164	127478	54.411	ug/l	98
65) Chlorobenzene	11.514	112	365185	54.410	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	142980	56.960	ug/l	99
67) Ethyl Benzene	11.593	91	648768	55.047	ug/l	99
68) m/p-Xylenes	11.703	106	496302	110.771	ug/l	97
69) o-Xylene	12.026	106	237041	55.941	ug/l	98
70) Styrene	12.044	104	407508	57.517	ug/l	100
71) Bromoform	12.203	173	99892	56.814	ug/l #	99
73) Isopropylbenzene	12.331	105	624287	51.561	ug/l	98
74) N-amyl acetate	12.142	43	203683	47.273	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	145304	49.099	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	191183	88.559	ug/l #	100
77) Bromobenzene	12.605	156	157599	53.720	ug/l	96
78) n-propylbenzene	12.672	91	769529	51.600	ug/l	97
79) 2-Chlorotoluene	12.757	91	434123	52.128	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	519441	52.563	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	49138	46.560	ug/l	92
82) 4-Chlorotoluene	12.855	91	445260	51.296	ug/l	98
83) tert-Butylbenzene	13.074	119	456155	53.279	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	518358	53.952	ug/l	99
85) sec-Butylbenzene	13.251	105	668161	51.999	ug/l	99
86) p-Isopropyltoluene	13.367	119	552848	53.502	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	297818	53.284	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	295113	52.269	ug/l	99
89) n-Butylbenzene	13.696	91	523675	51.925	ug/l	98
90) Hexachloroethane	13.958	117	110987	51.034	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	271217	53.736	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	25748	49.262	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	167547	55.678	ug/l	97
94) Hexachlorobutadiene	15.111	225	100512	57.392	ug/l	100
95) Naphthalene	15.233	128	350505	53.683	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	152354	56.804	ug/l	99

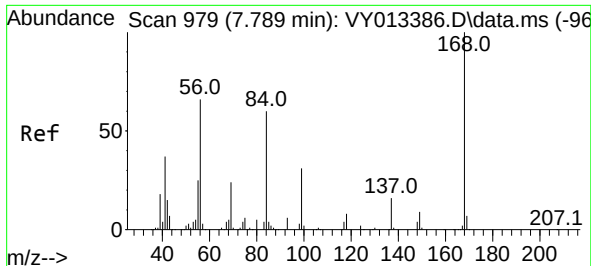
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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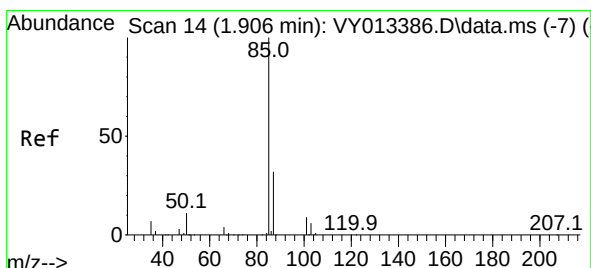
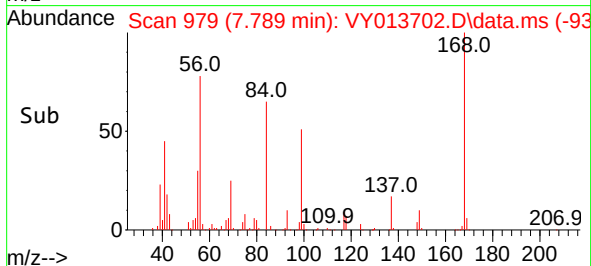
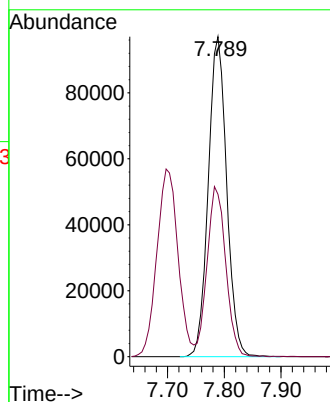
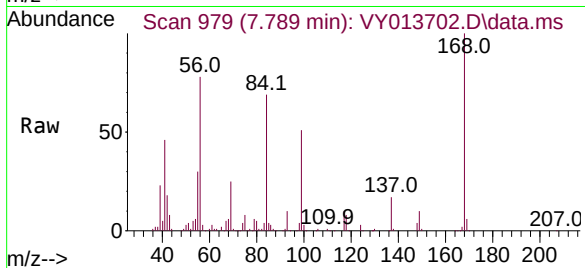
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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Acq: 10 May 2023 20:45

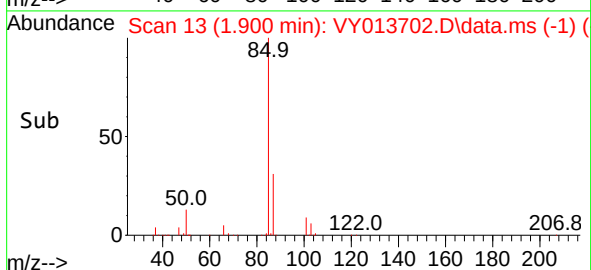
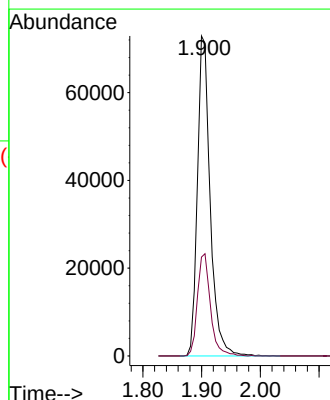
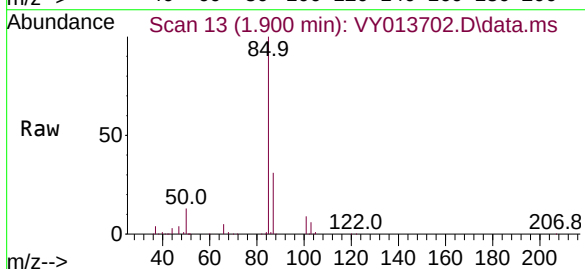
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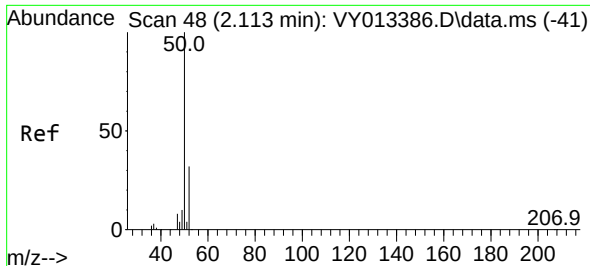
Tgt Ion:168 Resp: 218666
Ion Ratio Lower Upper
168 100
99 50.6 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 52.948 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY013702.D
Acq: 10 May 2023 20:45

Tgt Ion: 85 Resp: 110069
Ion Ratio Lower Upper
85 100
87 30.9 16.1 48.2

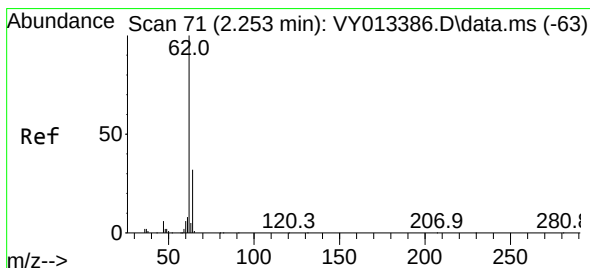
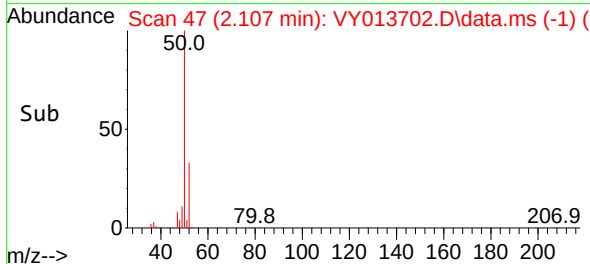
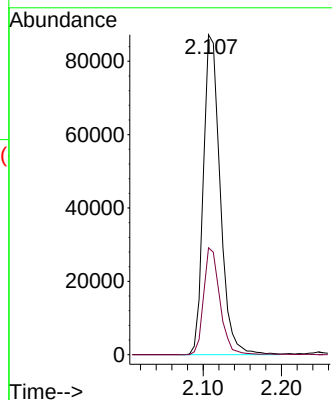
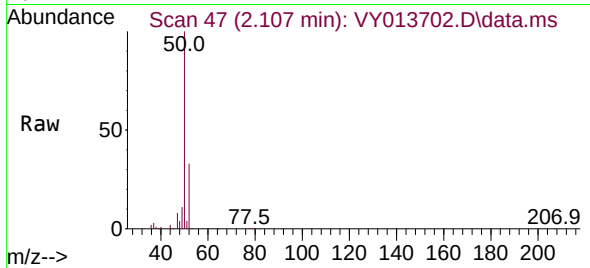




#3
Chloromethane
Concen: 46.656 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013702.D
Acq: 10 May 2023 20:45

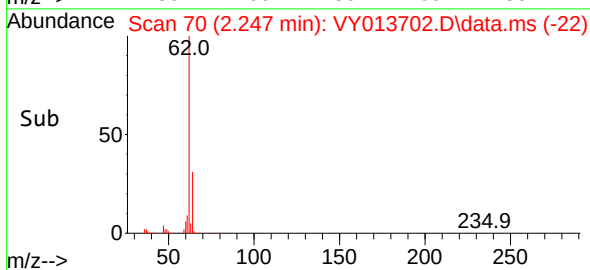
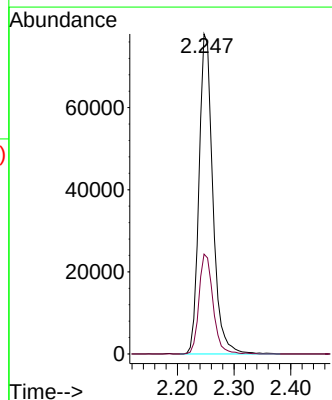
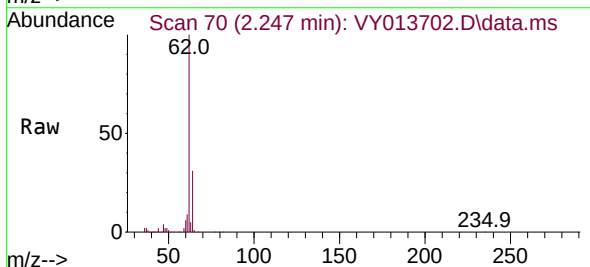
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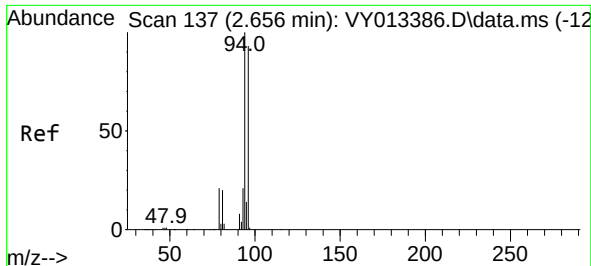
Tgt Ion: 50 Resp: 130007
Ion Ratio Lower Upper
50 100
52 33.4 25.9 38.9



#4
Vinyl Chloride
Concen: 47.493 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY013702.D
Acq: 10 May 2023 20:45

Tgt Ion: 62 Resp: 131771
Ion Ratio Lower Upper
62 100
64 31.2 25.4 38.0

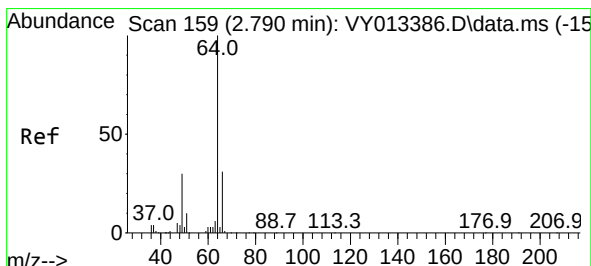
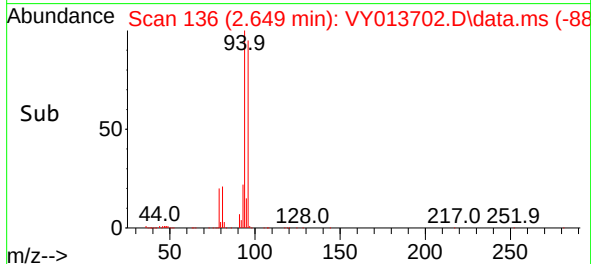
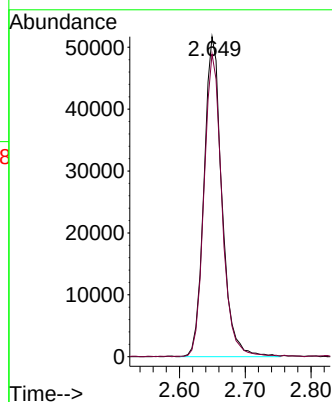
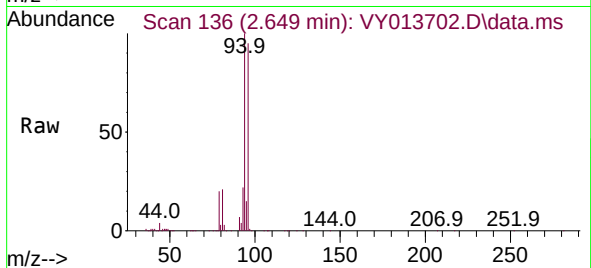




#5
Bromomethane
Concen: 44.223 ug/l
RT: 2.649 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY013702.D
Acq: 10 May 2023 20:45

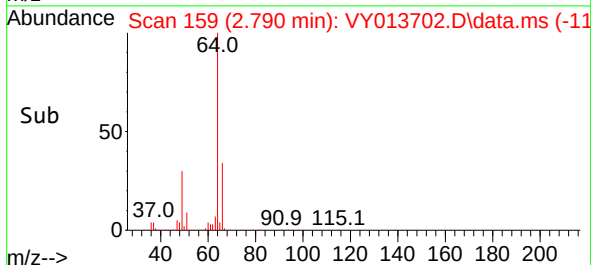
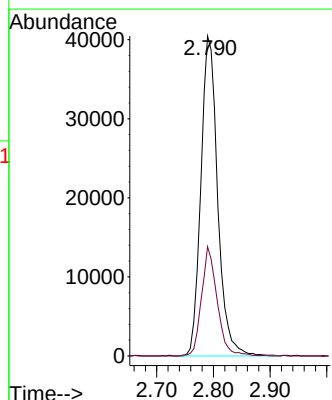
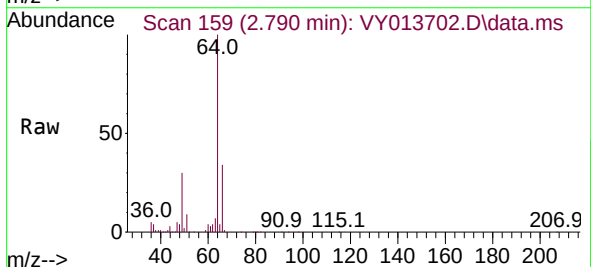
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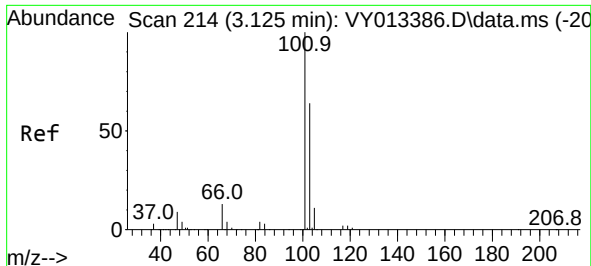
Tgt Ion: 94 Resp: 97777
Ion Ratio Lower Upper
94 100
96 94.5 74.2 111.2



#6
Chloroethane
Concen: 43.442 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY013702.D
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Tgt Ion: 64 Resp: 83267
Ion Ratio Lower Upper
64 100
66 34.1 24.6 37.0

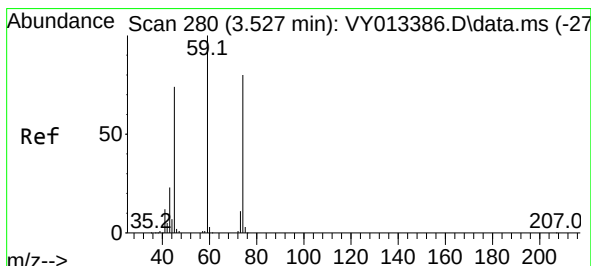
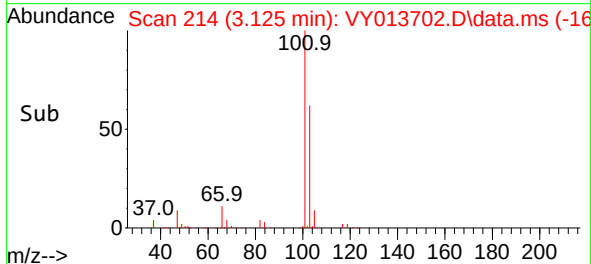
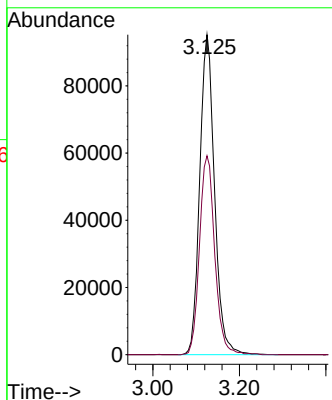
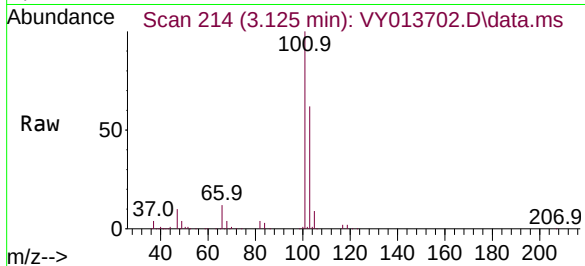




#7
 Trichlorofluoromethane
 Concen: 53.744 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. -0.000 min
 Lab File: VY013702.D
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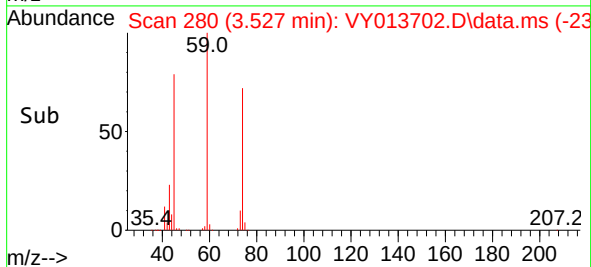
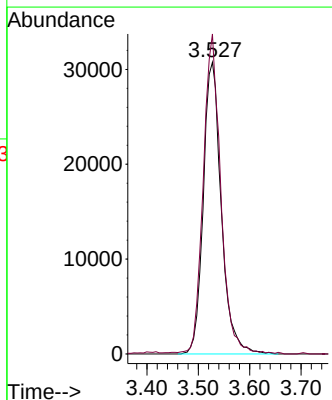
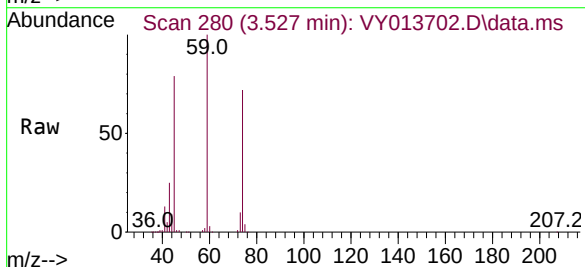
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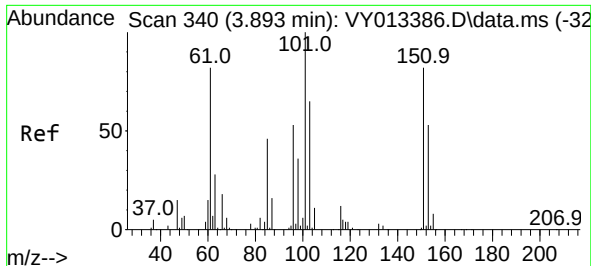
Tgt Ion:101 Resp: 225890
 Ion Ratio Lower Upper
 101 100
 103 62.2 51.6 77.4



#8
 Diethyl Ether
 Concen: 52.218 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY013702.D
 Acq: 10 May 2023 20:45

Tgt Ion: 74 Resp: 74739
 Ion Ratio Lower Upper
 74 100
 45 106.3 48.2 144.6

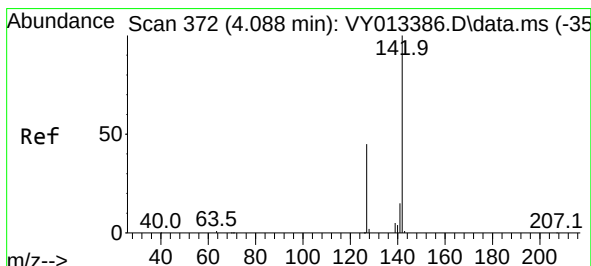
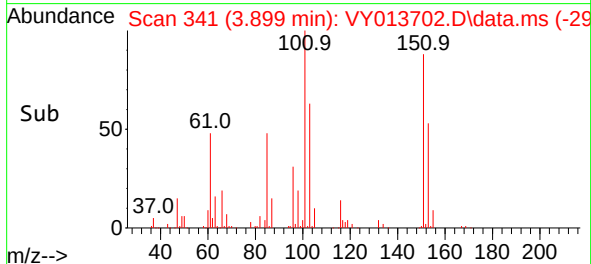
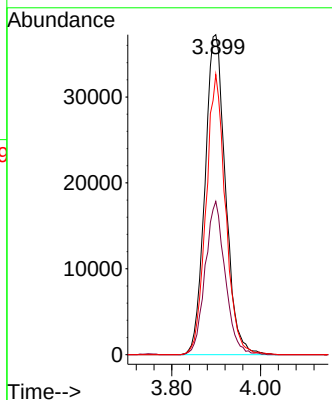
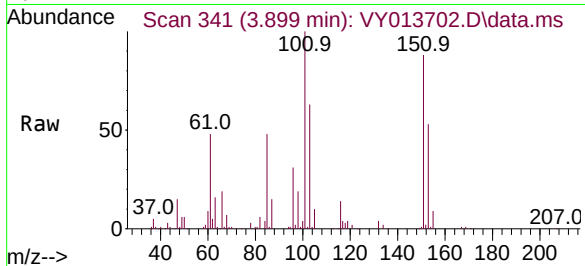




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.875 ug/l
RT: 3.899 min Scan# 340
Delta R.T. 0.006 min
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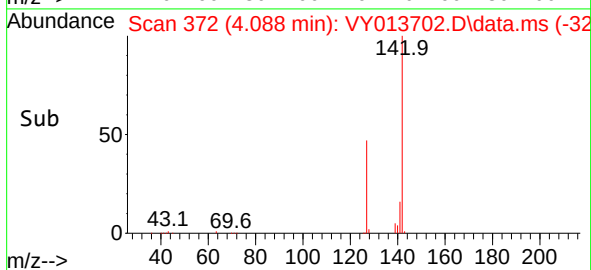
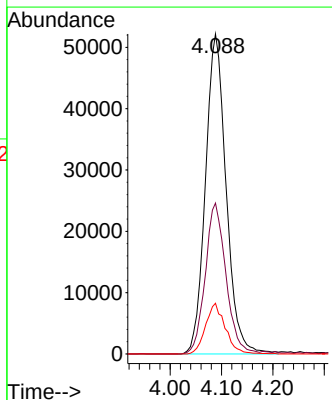
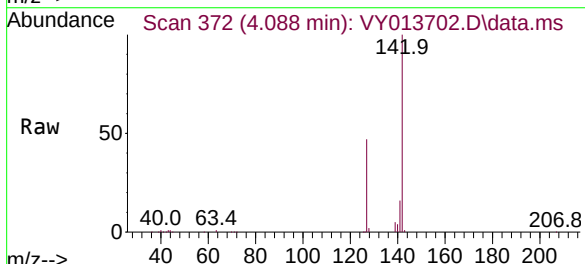
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ClientSampleId :
VSTDCCC050EC

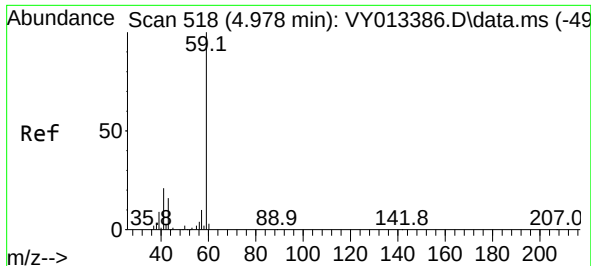
Tgt Ion:101 Resp: 119942
Ion Ratio Lower Upper
101 100
85 46.5 35.6 53.4
151 83.1 68.0 102.0



#10
Methyl Iodide
Concen: 49.327 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY013702.D
Acq: 10 May 2023 20:45

Tgt Ion:142 Resp: 146064
Ion Ratio Lower Upper
142 100
127 47.1 36.1 54.1
141 15.1 11.6 17.4

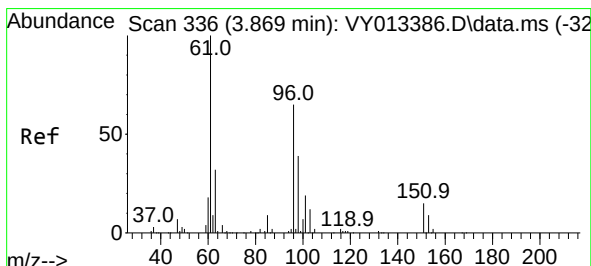
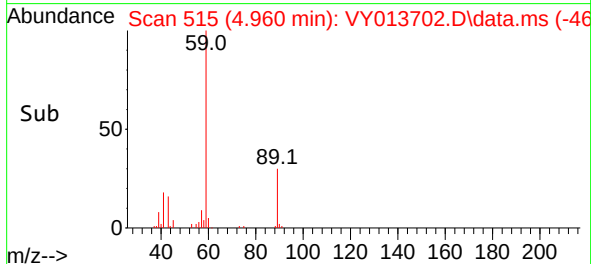
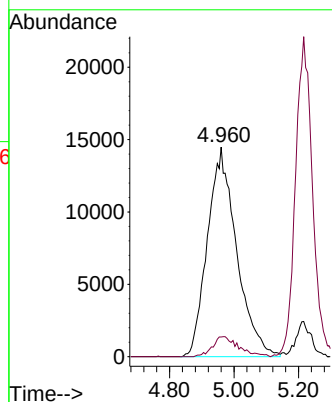
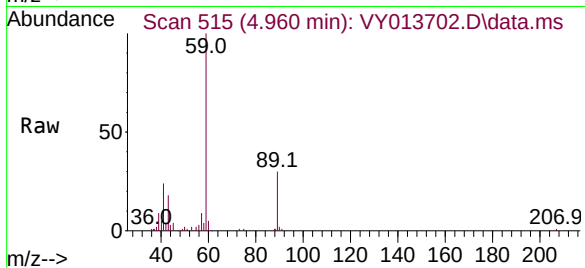




#11
Tert butyl alcohol
Concen: 335.486 ug/l
RT: 4.960 min Scan# 518
Delta R.T. -0.018 min
Lab File: VY013702.D
Acq: 10 May 2023 20:45

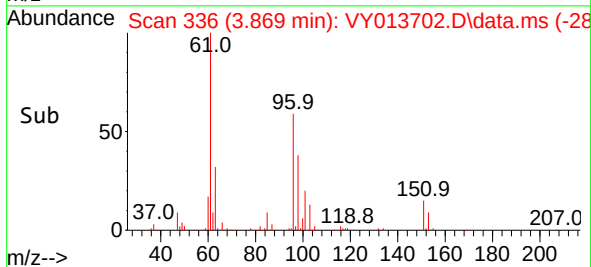
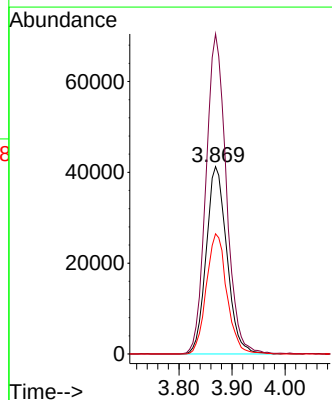
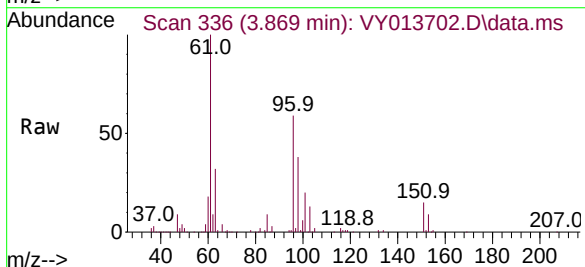
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

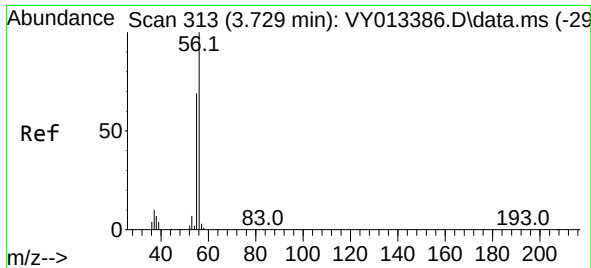
Tgt Ion: 59 Resp: 90638
Ion Ratio Lower Upper
59 100
57 8.1 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 49.248 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.000 min
Lab File: VY013702.D
Acq: 10 May 2023 20:45

Tgt Ion: 96 Resp: 111918
Ion Ratio Lower Upper
96 100
61 170.8 123.9 185.9
98 64.1 48.9 73.3

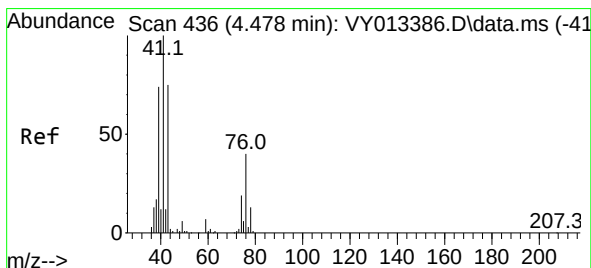
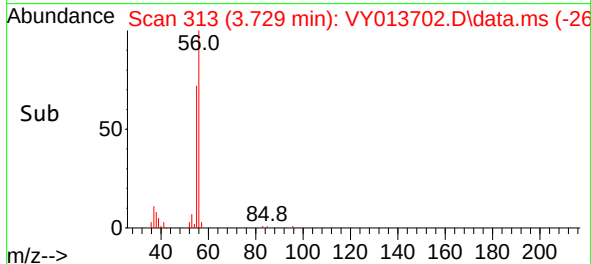
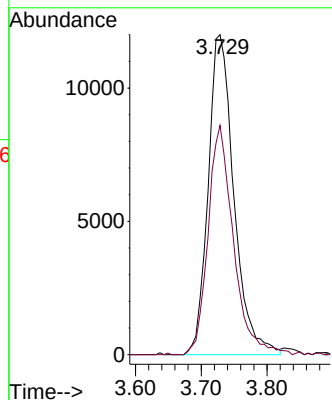
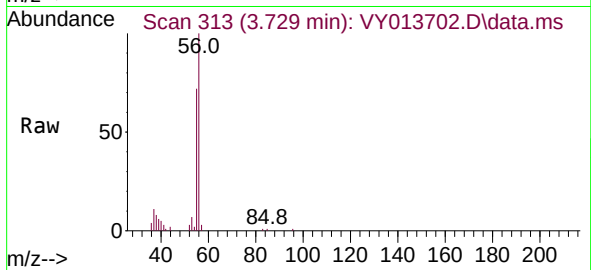




#13
Acrolein
Concen: 152.747 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY013702.D
Acq: 10 May 2023 20:45

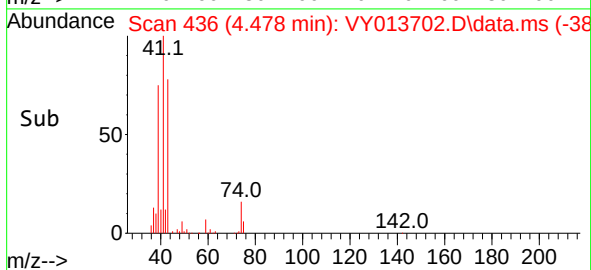
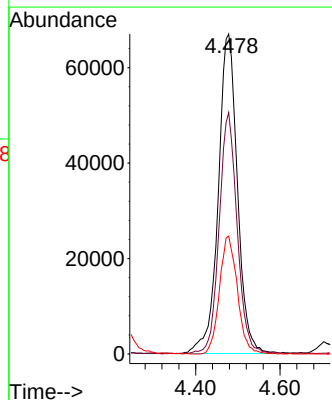
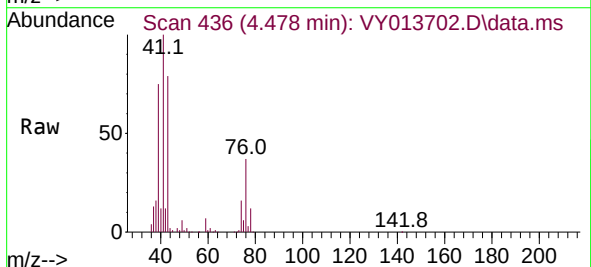
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

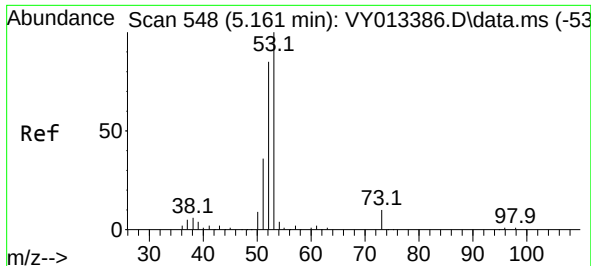
Tgt Ion: 56 Resp: 32713
Ion Ratio Lower Upper
56 100
55 70.5 54.1 81.1



#14
Allyl chloride
Concen: 50.034 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY013702.D
Acq: 10 May 2023 20:45

Tgt Ion: 41 Resp: 210980
Ion Ratio Lower Upper
41 100
39 70.5 56.6 85.0
76 34.4 30.5 45.7

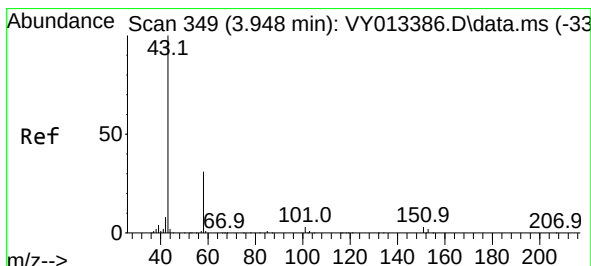
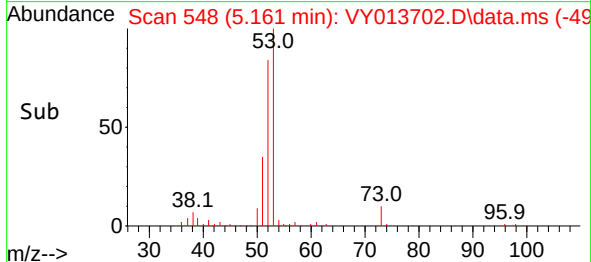
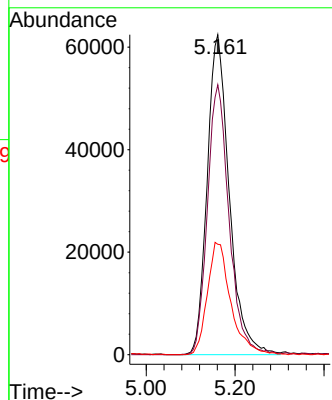
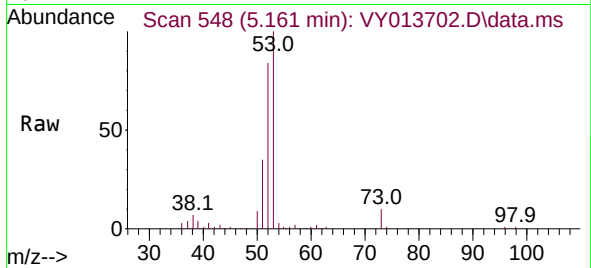




#15
Acrylonitrile
Concen: 269.617 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY013702.D
Acq: 10 May 2023 20:45

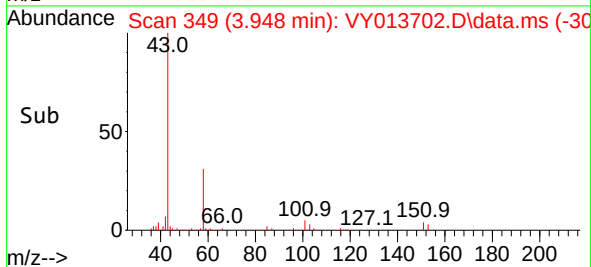
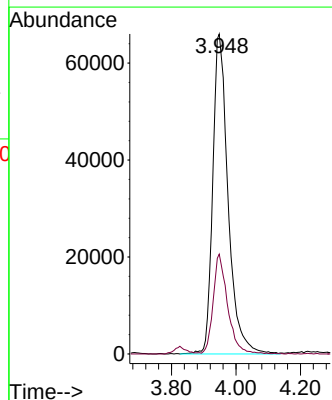
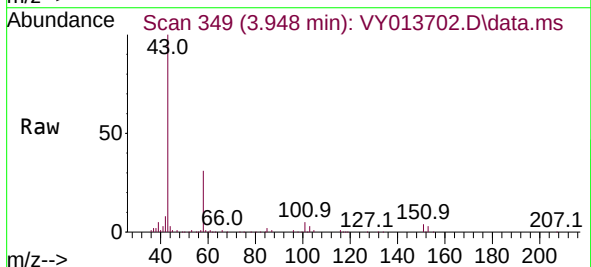
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

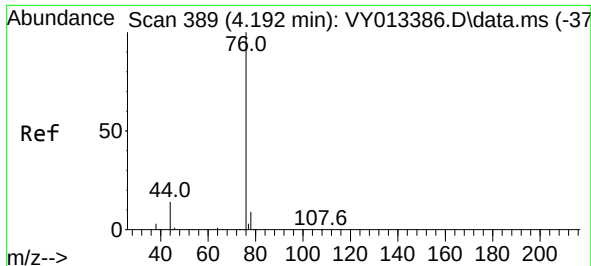
Tgt Ion: 53 Resp: 216120
Ion Ratio Lower Upper
53 100
52 82.8 65.4 98.0
51 37.1 29.3 43.9



#16
Acetone
Concen: 230.726 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY013702.D
Acq: 10 May 2023 20:45

Tgt Ion: 43 Resp: 217802
Ion Ratio Lower Upper
43 100
58 31.1 25.4 38.0

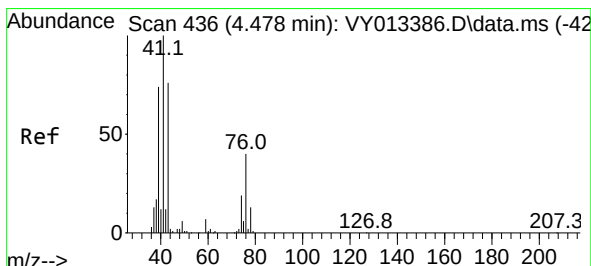
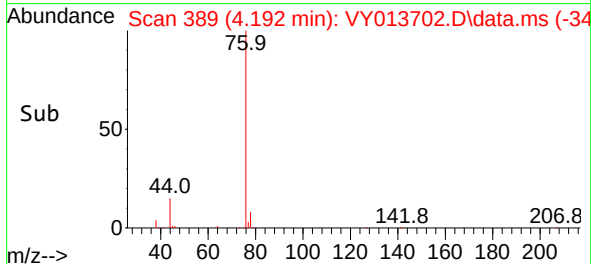
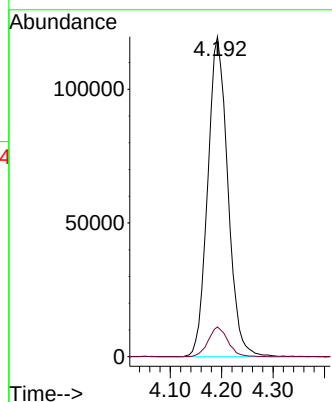
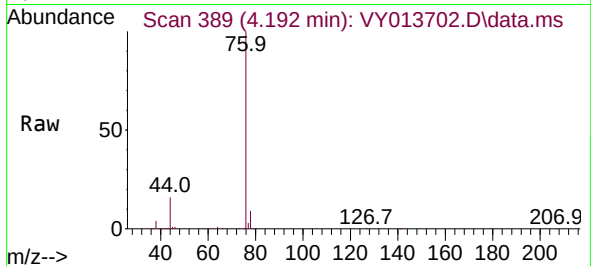




#17
Carbon Disulfide
Concen: 44.071 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY013702.D
Acq: 10 May 2023 20:45

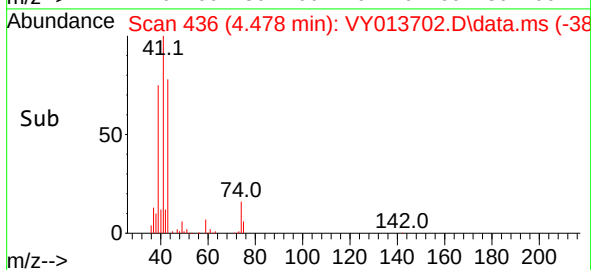
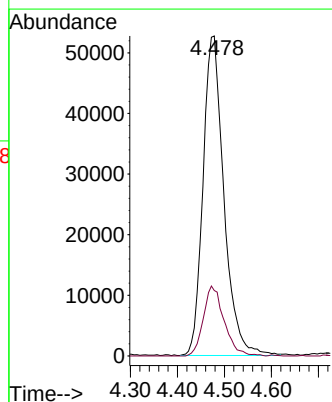
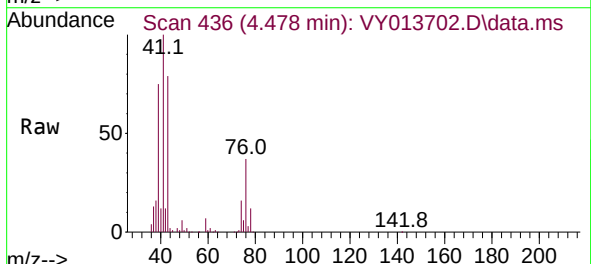
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

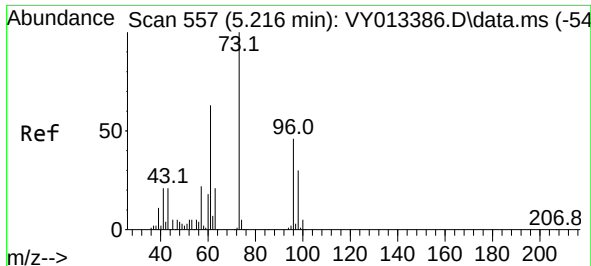
Tgt Ion: 76 Resp: 325335
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 52.270 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY013702.D
Acq: 10 May 2023 20:45

Tgt Ion: 43 Resp: 162966
Ion Ratio Lower Upper
43 100
74 21.7 19.4 29.2

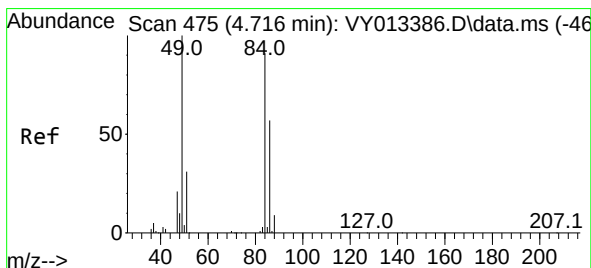
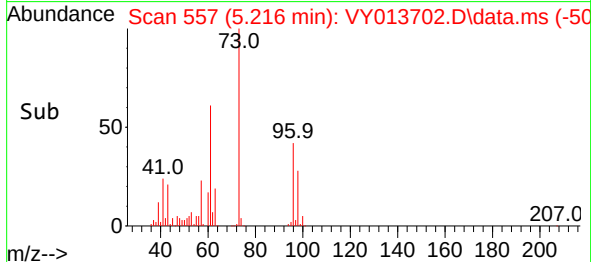
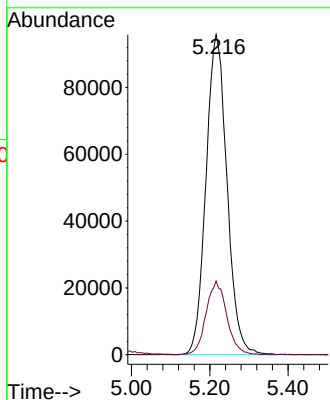
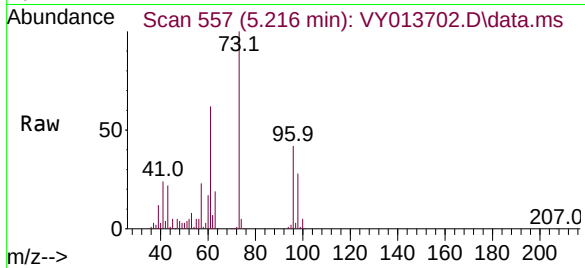




#19
Methyl tert-butyl Ether
Concen: 54.307 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013702.D
Acq: 10 May 2023 20:45

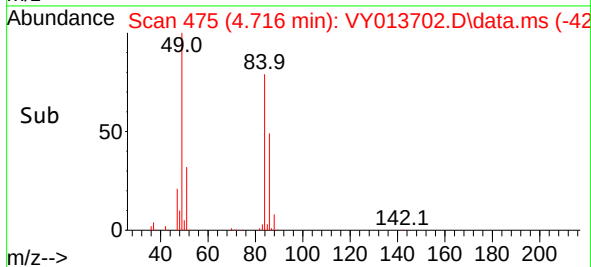
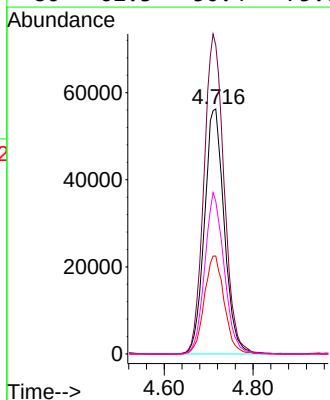
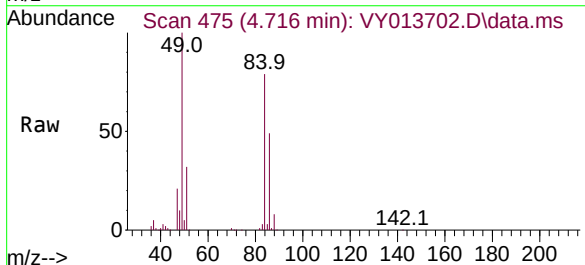
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

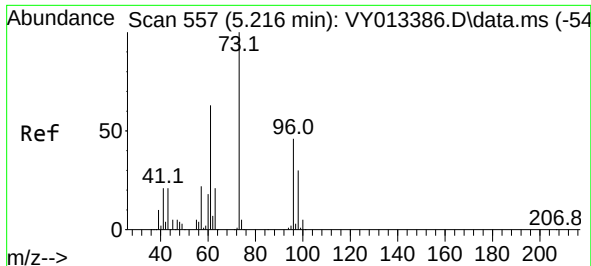
Tgt Ion: 73 Resp: 356302
Ion Ratio Lower Upper
73 100
57 23.0 17.8 26.8



#20
Methylene Chloride
Concen: 60.746 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013702.D
Acq: 10 May 2023 20:45

Tgt Ion: 84 Resp: 174500
Ion Ratio Lower Upper
84 100
49 125.9 88.0 132.0
51 40.0 27.4 41.0
86 62.3 50.4 75.6

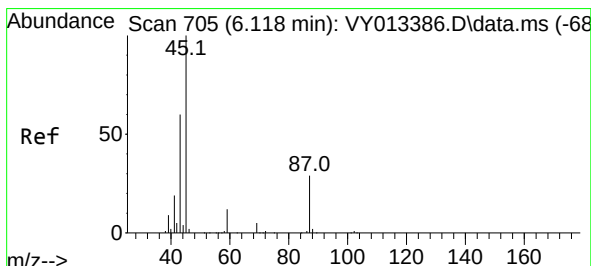
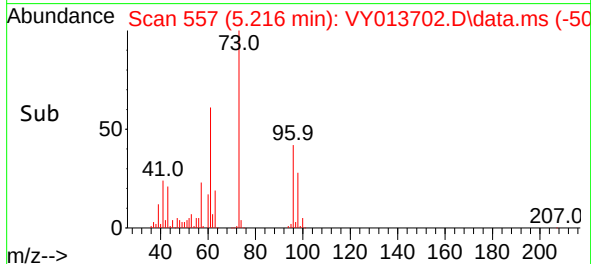
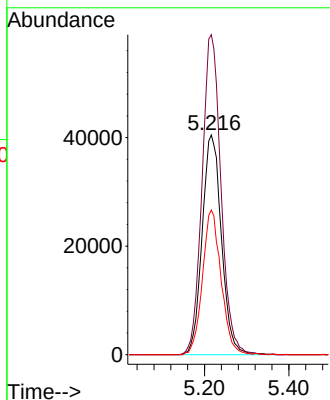
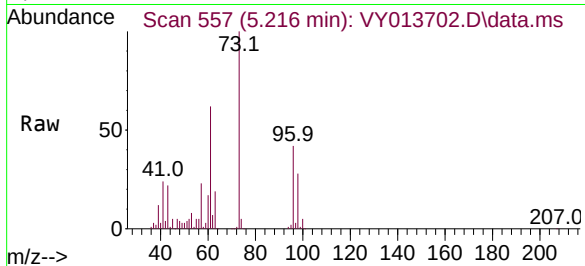




#21
trans-1,2-Dichloroethene
Concen: 51.870 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013702.D
Acq: 10 May 2023 20:45

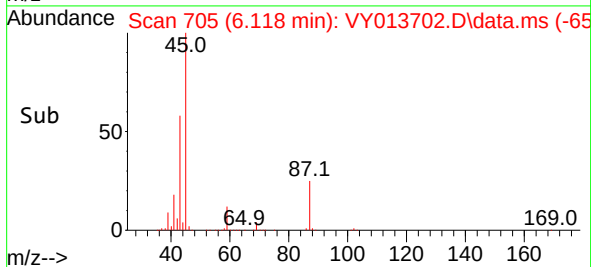
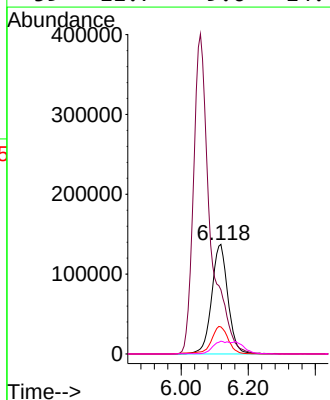
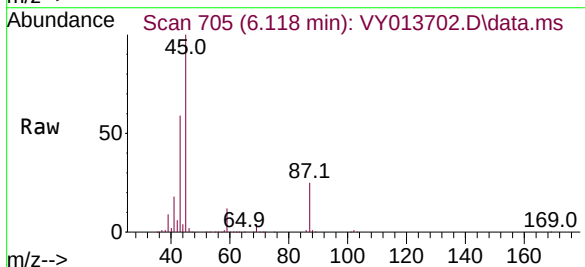
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

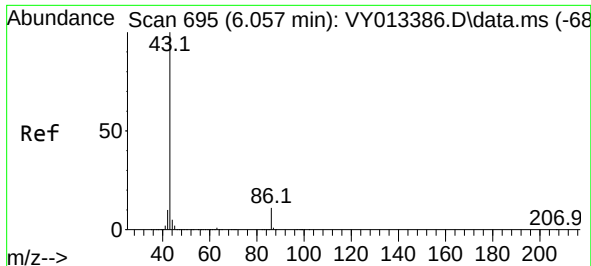
Tgt Ion: 96 Resp: 128885
Ion Ratio Lower Upper
96 100
61 145.7 110.6 165.8
98 65.9 53.1 79.7



#22
Diisopropyl ether
Concen: 55.840 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY013702.D
Acq: 10 May 2023 20:45

Tgt Ion: 45 Resp: 460233
Ion Ratio Lower Upper
45 100
43 58.2 48.4 72.6
87 24.7 23.8 35.6
59 11.7 9.6 14.4

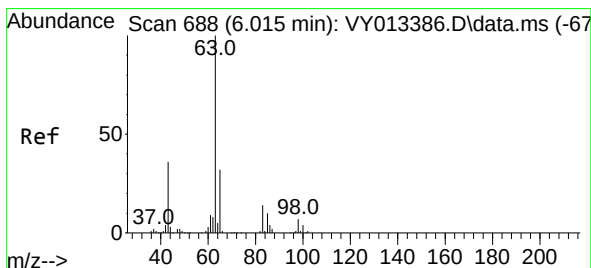
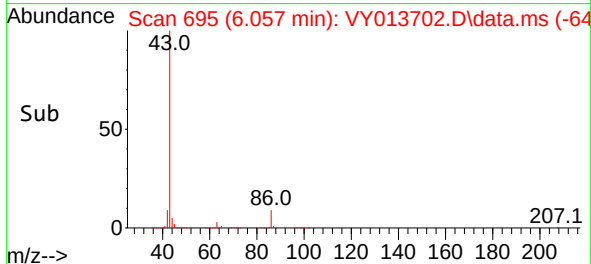
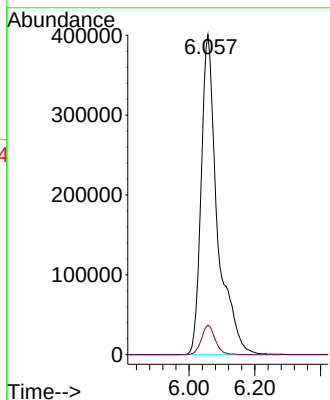
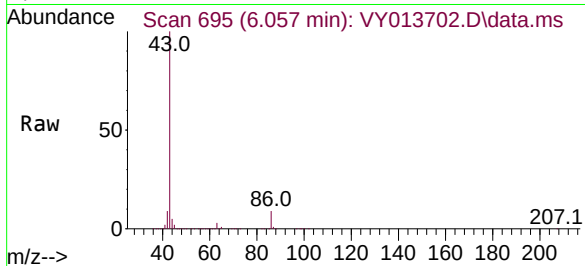




#23
 Vinyl Acetate
 Concen: 295.285 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY013702.D
 Acq: 10 May 2023 20:45

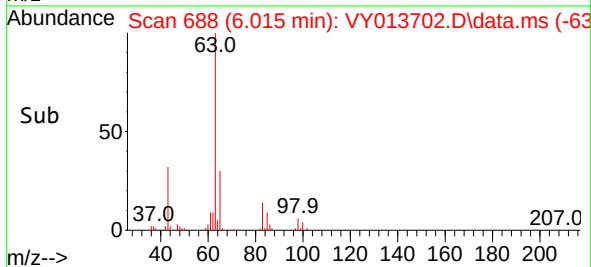
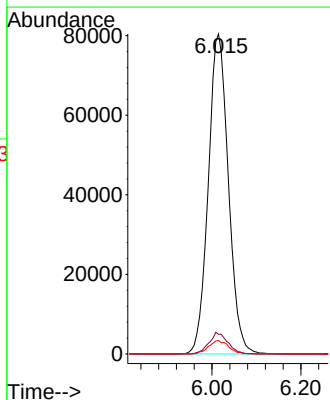
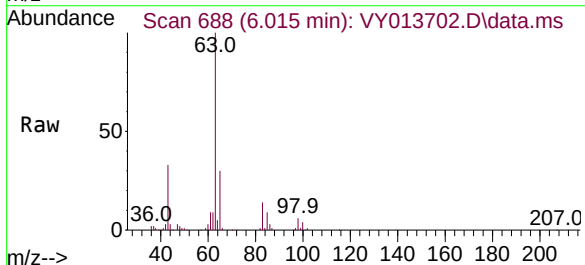
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

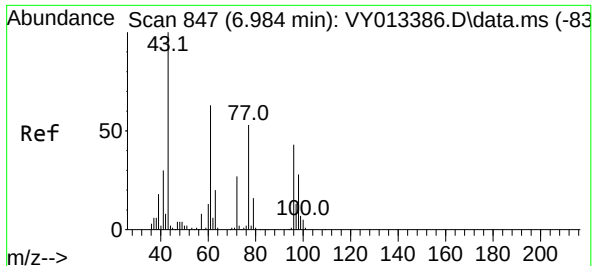
Tgt Ion: 43 Resp: 1377963
 Ion Ratio Lower Upper
 43 100
 86 9.2 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 54.909 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY013702.D
 Acq: 10 May 2023 20:45

Tgt Ion: 63 Resp: 252225
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.5 10.6
 100 4.2 2.2 6.6

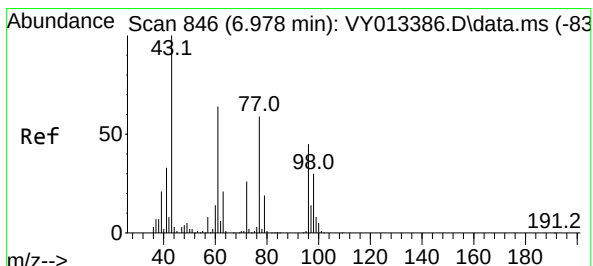
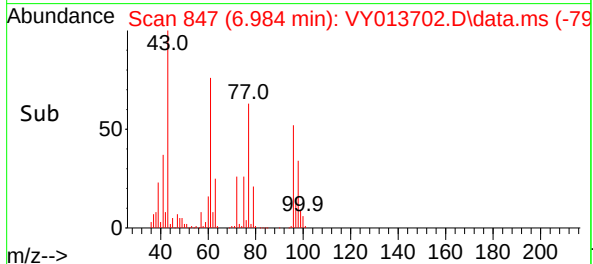
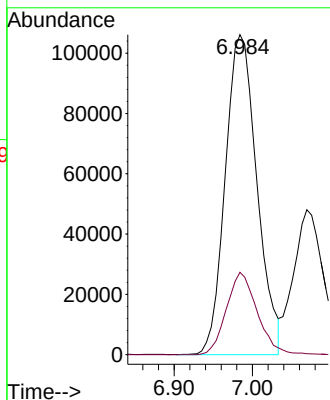
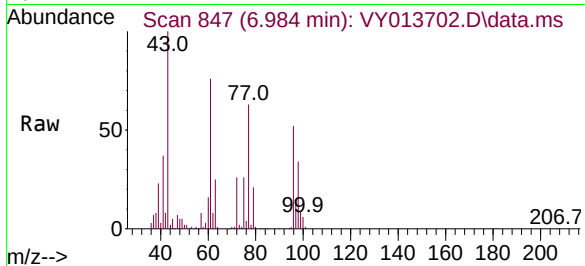




#25
2-Butanone
Concen: 249.676 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013702.D
Acq: 10 May 2023 20:45

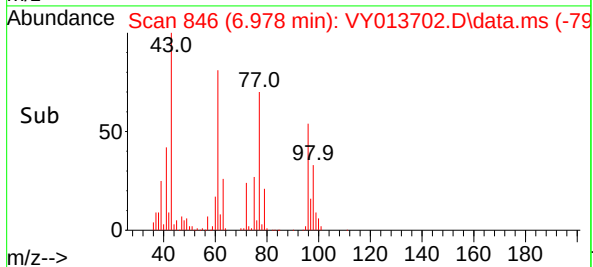
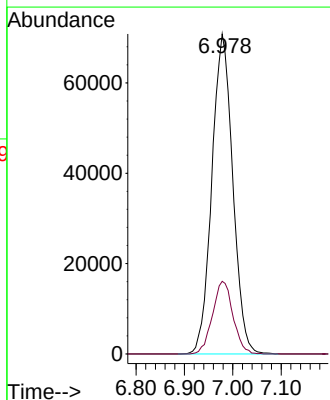
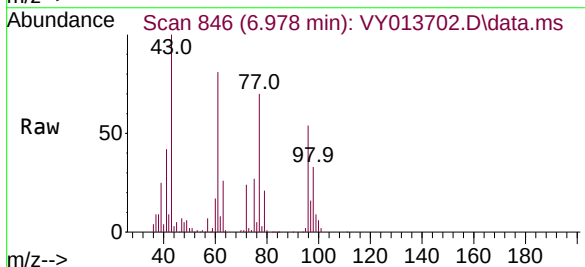
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

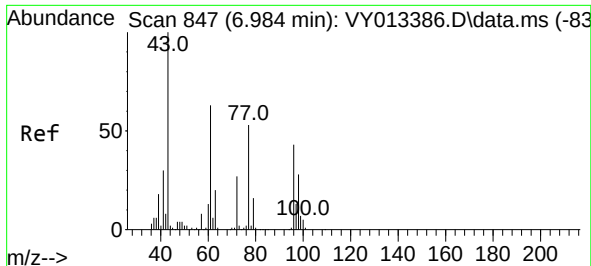
Tgt Ion: 43 Resp: 298908
Ion Ratio Lower Upper
43 100
72 25.7 21.9 32.9



#26
2,2-Dichloropropane
Concen: 53.698 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY013702.D
Acq: 10 May 2023 20:45

Tgt Ion: 77 Resp: 212546
Ion Ratio Lower Upper
77 100
97 22.3 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 55.438 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013702.D

Acq: 10 May 2023 20:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

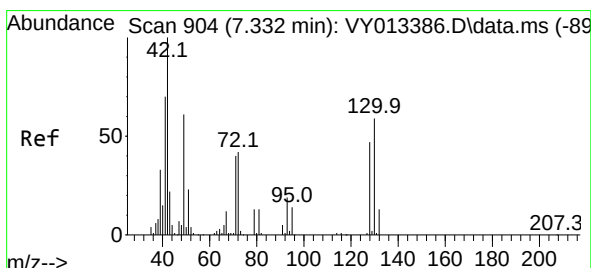
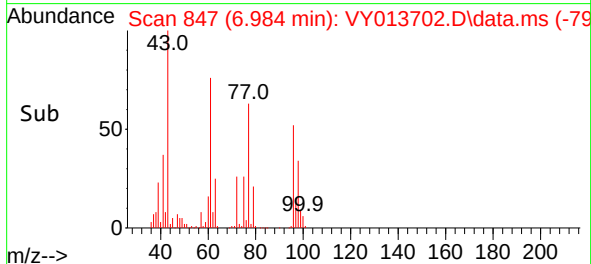
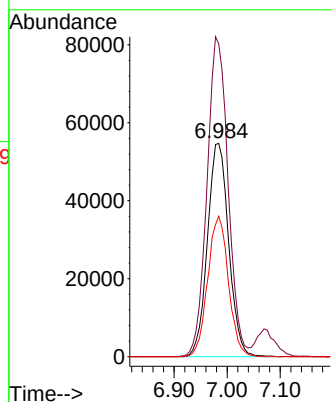
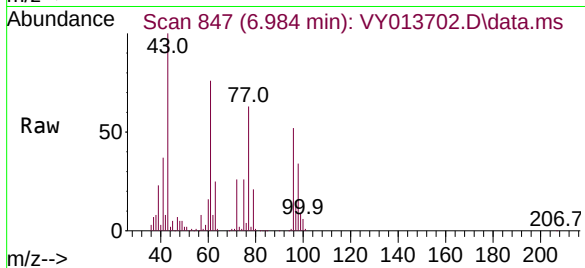
Tgt Ion: 96 Resp: 152197

Ion Ratio Lower Upper

96 100

61 148.9 0.0 285.0

98 64.2 0.0 130.6



#28

Bromochloromethane

Concen: 53.207 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY013702.D

Acq: 10 May 2023 20:45

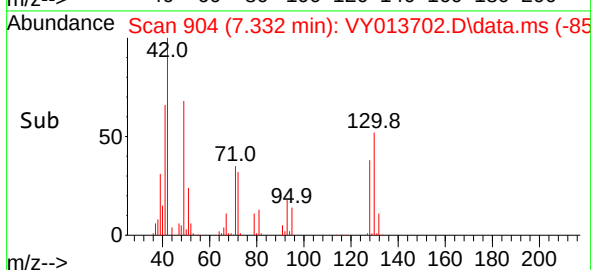
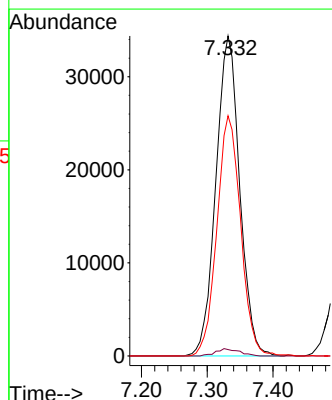
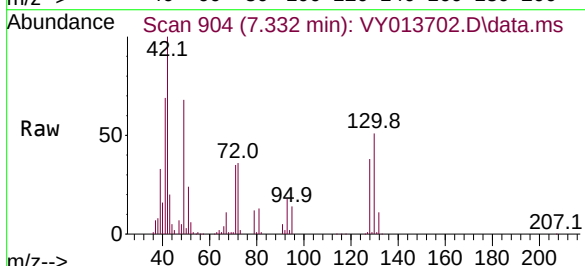
Tgt Ion: 49 Resp: 86731

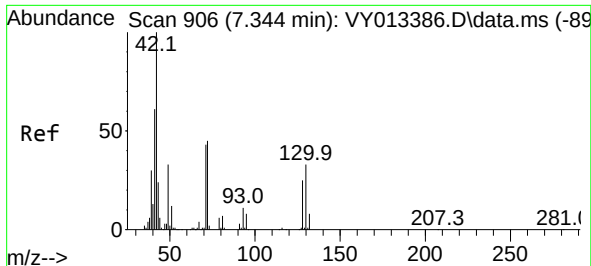
Ion Ratio Lower Upper

49 100

129 2.2 0.0 5.2

130 74.8 72.1 108.1





#29

Tetrahydrofuran

Concen: 257.143 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013702.D

Acq: 10 May 2023 20:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

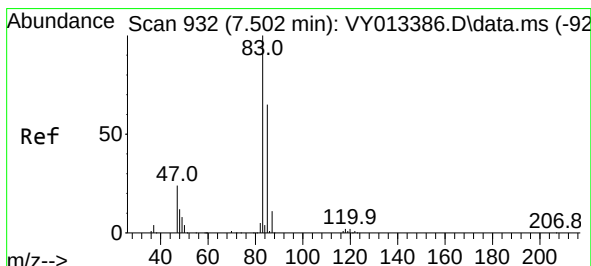
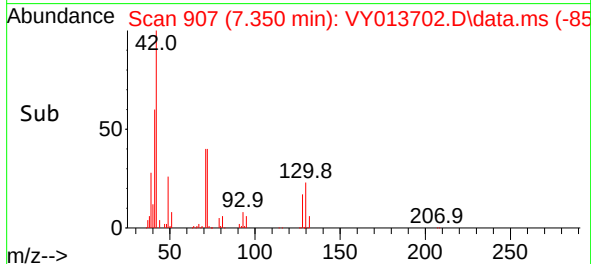
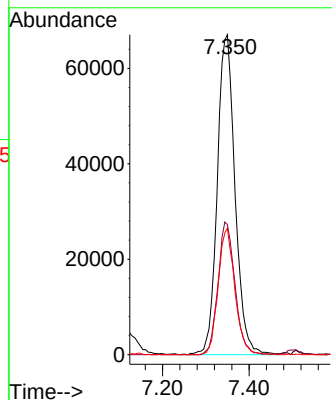
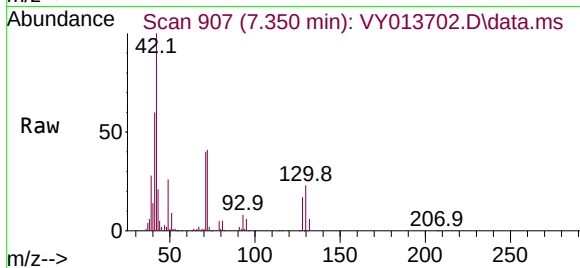
Tgt Ion: 42 Resp: 191628

Ion Ratio Lower Upper

42 100

72 39.6 35.9 53.9

71 37.1 34.3 51.5



#30

Chloroform

Concen: 57.201 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY013702.D

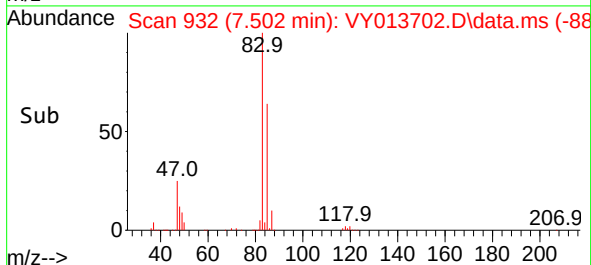
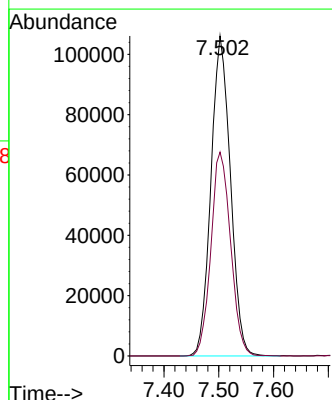
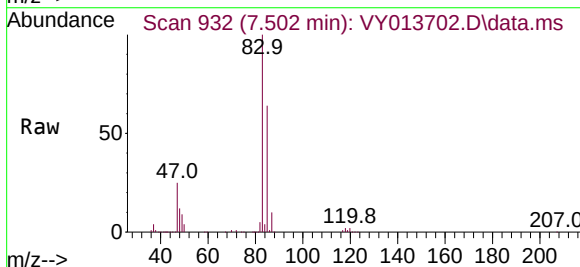
Acq: 10 May 2023 20:45

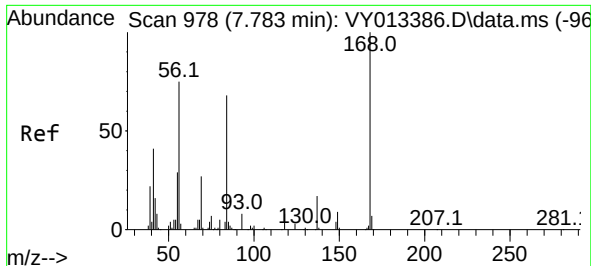
Tgt Ion: 83 Resp: 261245

Ion Ratio Lower Upper

83 100

85 63.7 52.0 78.0

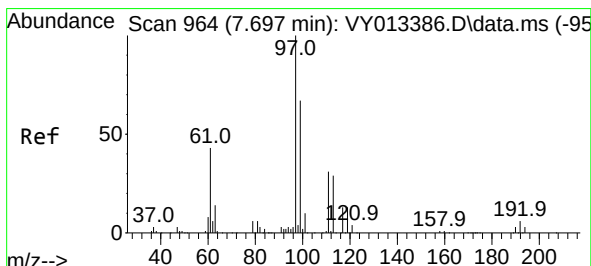
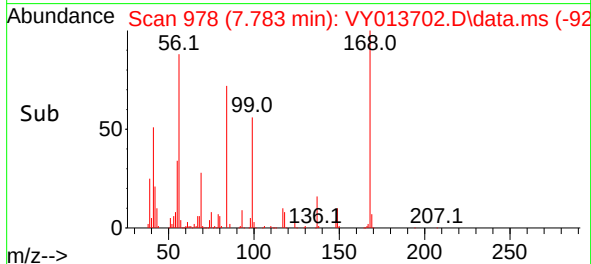
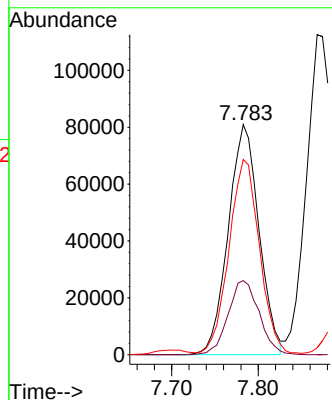
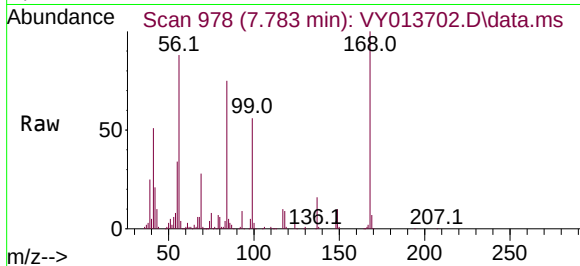




#31
Cyclohexane
Concen: 46.476 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013702.D
Acq: 10 May 2023 20:45

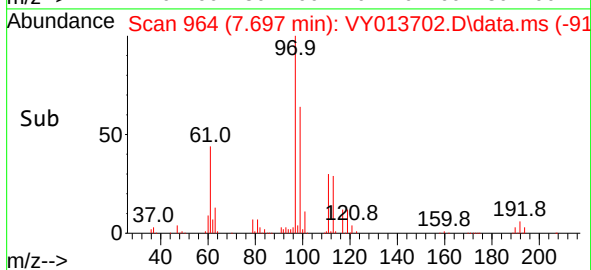
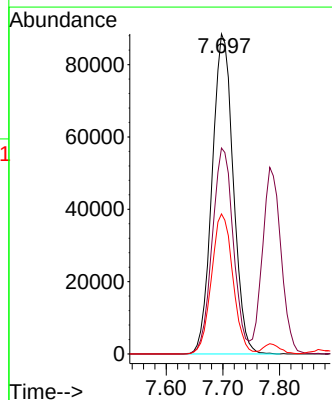
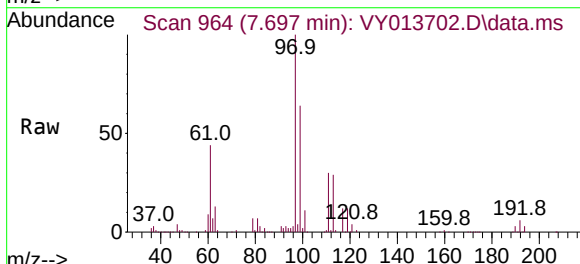
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

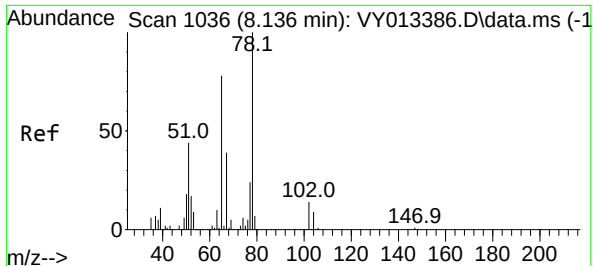
Tgt Ion: 56 Resp: 199465
Ion Ratio Lower Upper
56 100
69 32.2 29.2 43.8
84 82.9 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 56.197 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY013702.D
Acq: 10 May 2023 20:45

Tgt Ion: 97 Resp: 229029
Ion Ratio Lower Upper
97 100
99 64.4 52.2 78.2
61 44.4 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 56.434 ug/l

RT: 8.142 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013702.D

Acq: 10 May 2023 20:45

Instrument :

MSVOA_Y

ClientSampleId :

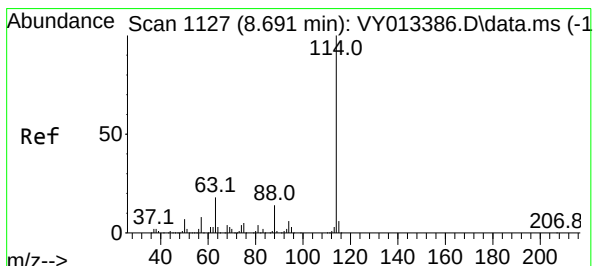
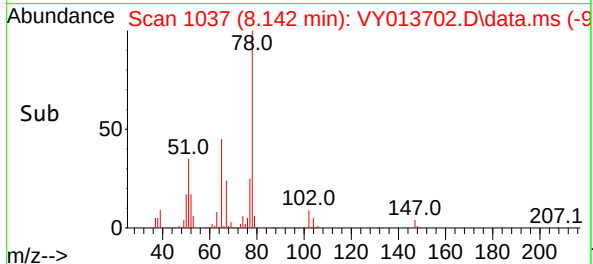
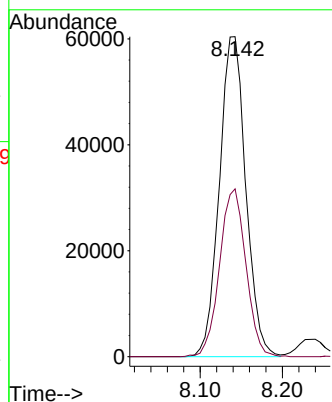
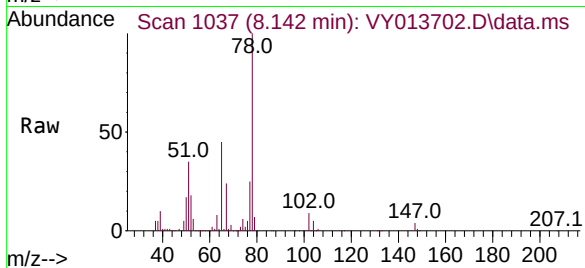
VSTDCCC050EC

Tgt Ion: 65 Resp: 135276

Ion Ratio Lower Upper

65 100

67 52.2 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013702.D

Acq: 10 May 2023 20:45

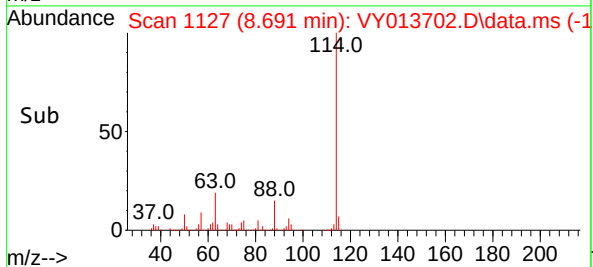
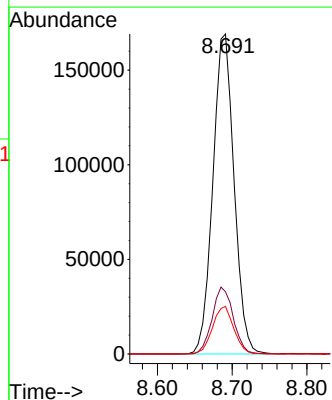
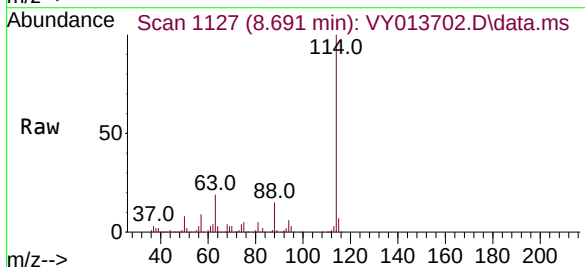
Tgt Ion: 114 Resp: 333104

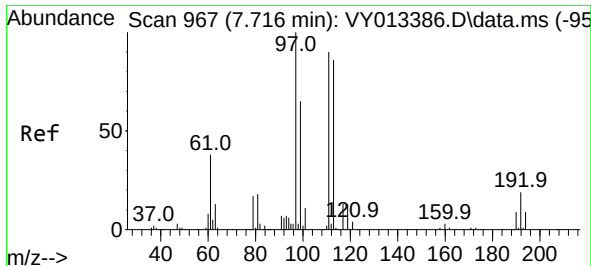
Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.6

88 14.8 0.0 28.8

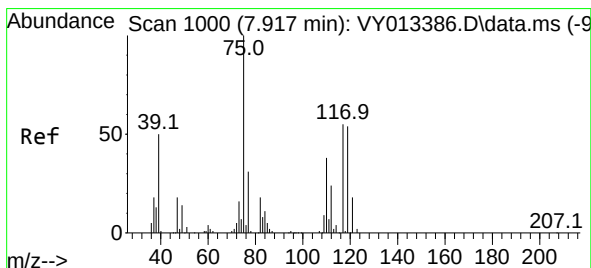
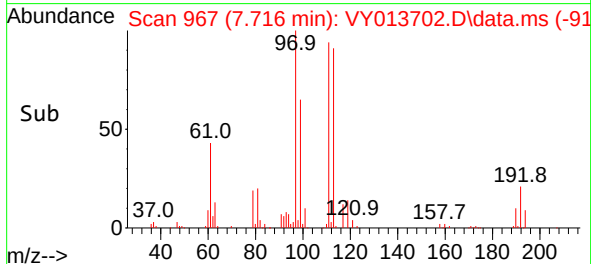
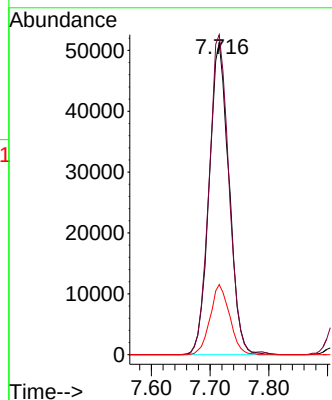
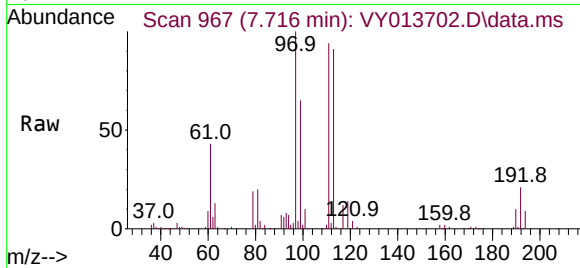




#35
Dibromofluoromethane
Concen: 57.407 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013702.D
Acq: 10 May 2023 20:45

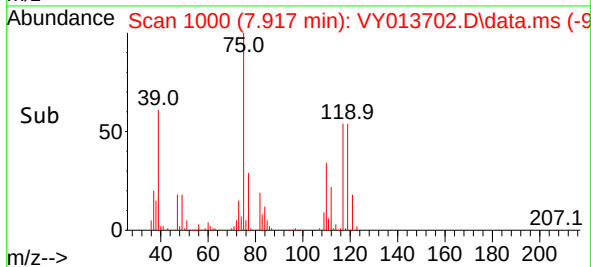
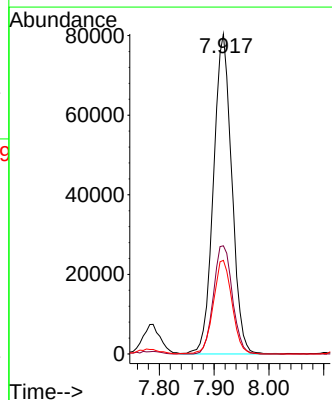
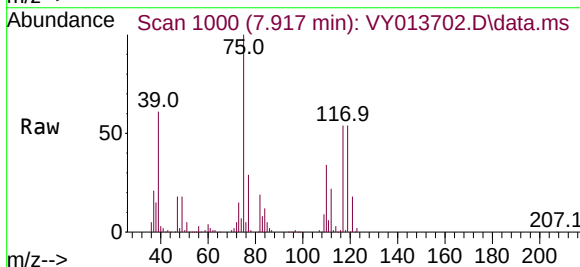
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

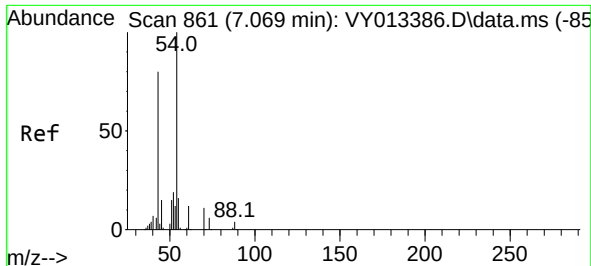
Tgt Ion:113 Resp: 120271
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 22.0 16.7 25.1



#36
1,1-Dichloropropene
Concen: 53.494 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY013702.D
Acq: 10 May 2023 20:45

Tgt Ion: 75 Resp: 186003
Ion Ratio Lower Upper
75 100
110 35.0 18.7 56.1
77 30.0 24.6 37.0

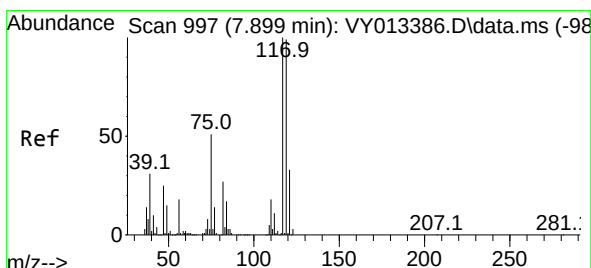
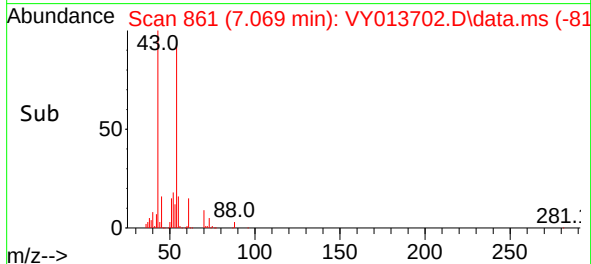
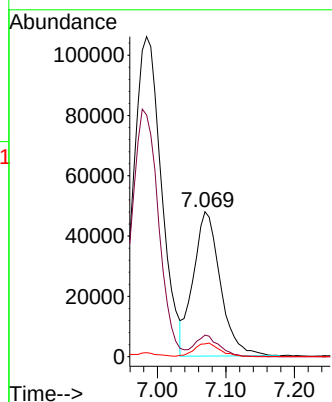
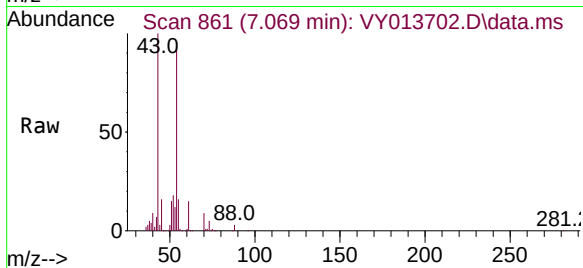




#37
Ethyl Acetate
Concen: 50.403 ug/l
RT: 7.069 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY013702.D
Acq: 10 May 2023 20:45

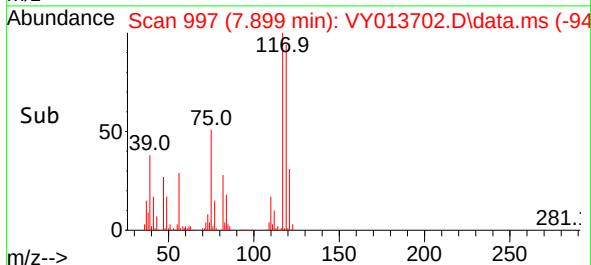
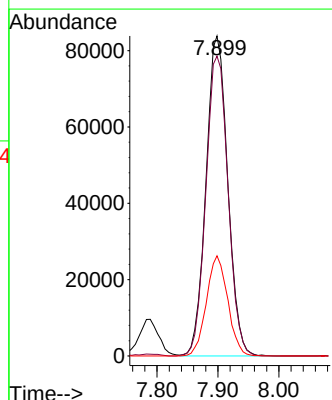
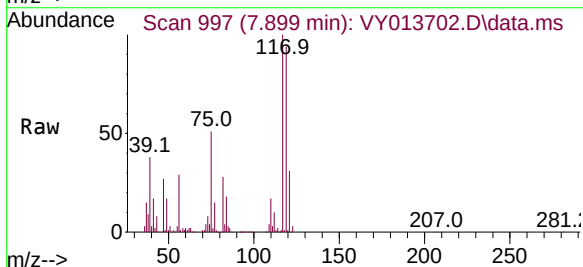
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

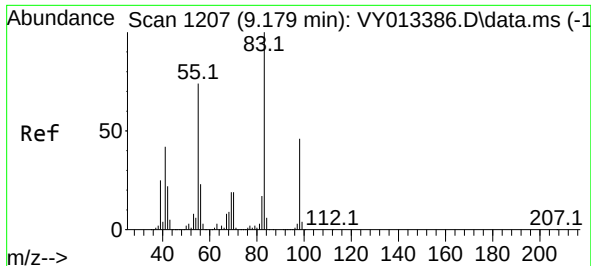
Tgt Ion: 43 Resp: 131886
Ion Ratio Lower Upper
43 100
61 13.6 11.4 17.0
70 8.9 7.9 11.9



#38
Carbon Tetrachloride
Concen: 57.175 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY013702.D
Acq: 10 May 2023 20:45

Tgt Ion: 117 Resp: 208367
Ion Ratio Lower Upper
117 100
119 93.7 79.0 118.6
121 31.3 26.6 40.0





#39

Methylcyclohexane

Concen: 50.910 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013702.D

Acq: 10 May 2023 20:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

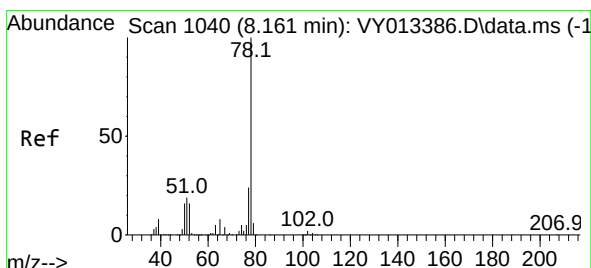
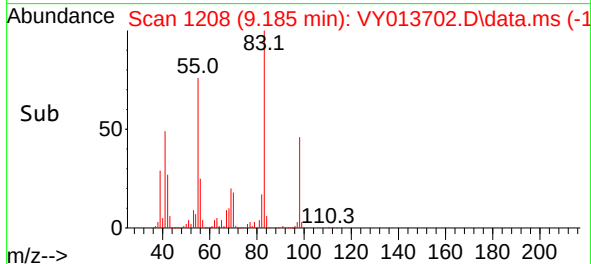
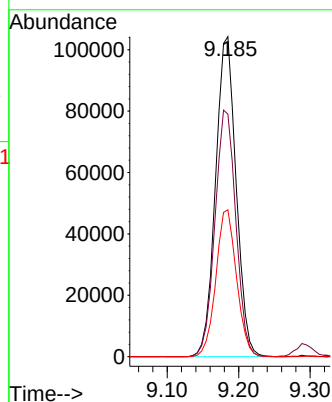
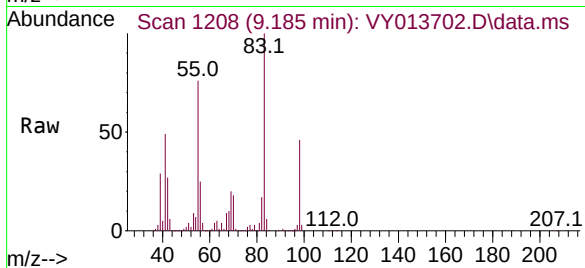
Tgt Ion: 83 Resp: 208685

Ion Ratio Lower Upper

83 100

55 75.8 59.0 88.4

98 45.9 37.0 55.4



#40

Benzene

Concen: 55.738 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY013702.D

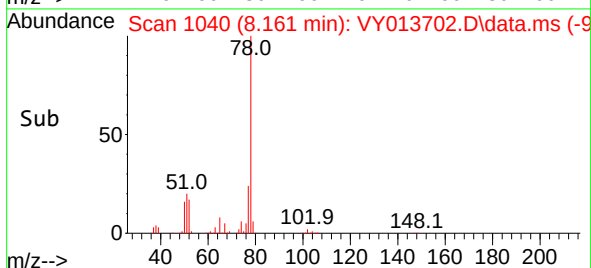
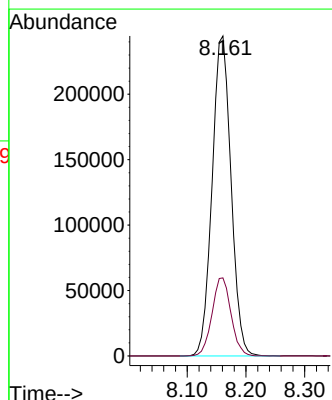
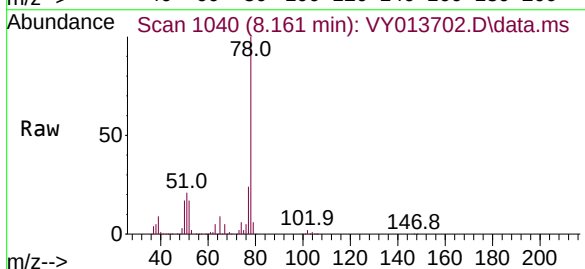
Acq: 10 May 2023 20:45

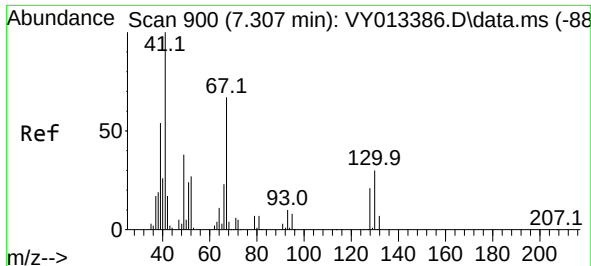
Tgt Ion: 78 Resp: 545923

Ion Ratio Lower Upper

78 100

77 24.4 19.2 28.8

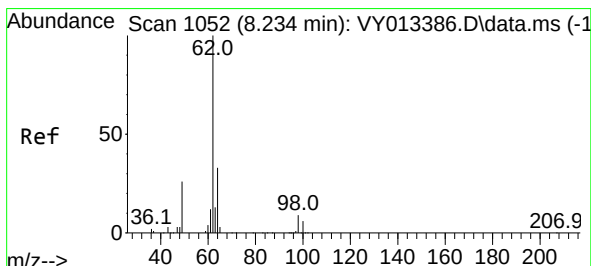
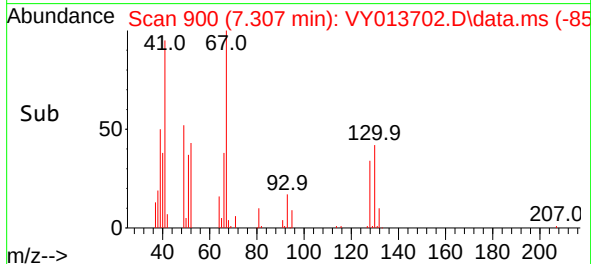
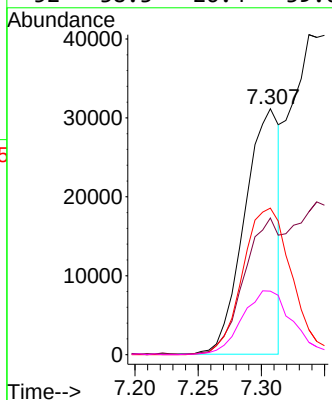
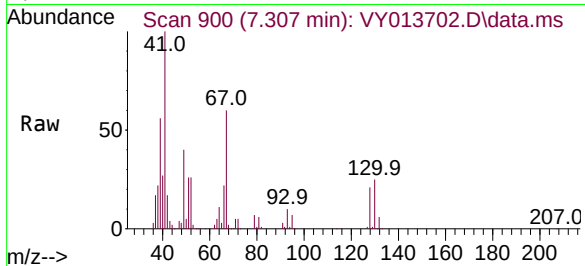




#41
Methacrylonitrile
Concen: 48.936 ug/l
RT: 7.307 min Scan# 900
Delta R.T. 0.000 min
Lab File: VY013702.D
Acq: 10 May 2023 20:45

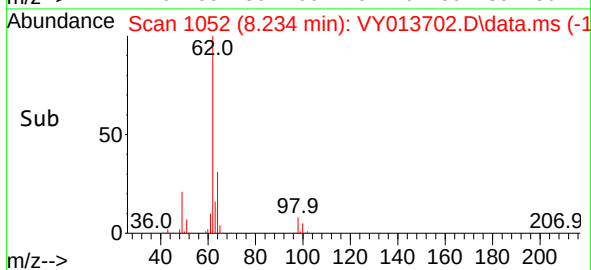
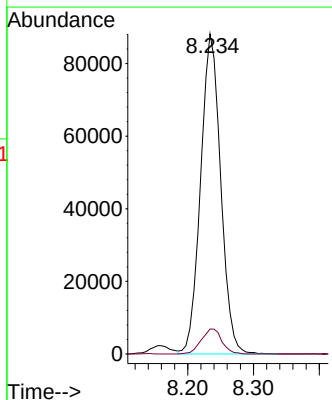
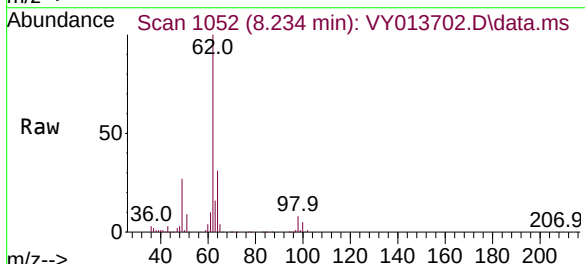
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

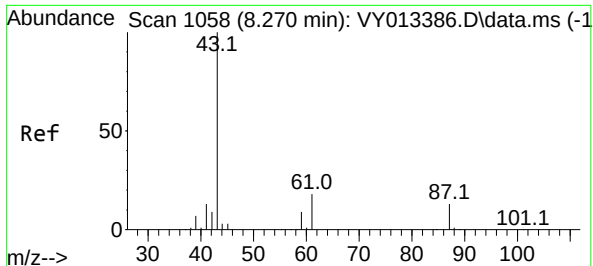
Tgt Ion:	41	Resp:	59669
Ion	Ratio	Lower	Upper
41	100		
39	64.7	44.2	66.4
67	84.4	62.9	94.3
52	38.3	26.4	39.6



#42
1,2-Dichloroethane
Concen: 58.549 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013702.D
Acq: 10 May 2023 20:45

Tgt Ion:	62	Resp:	187483
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	17.8

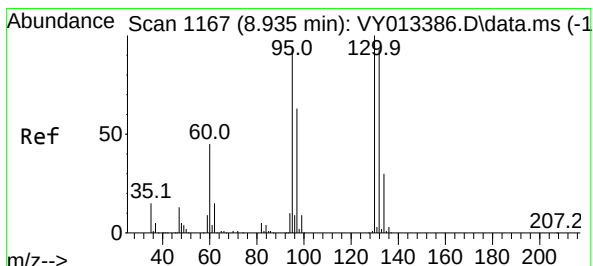
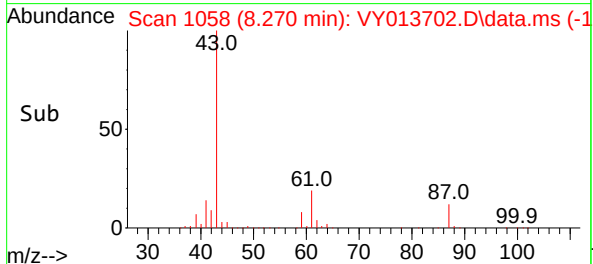
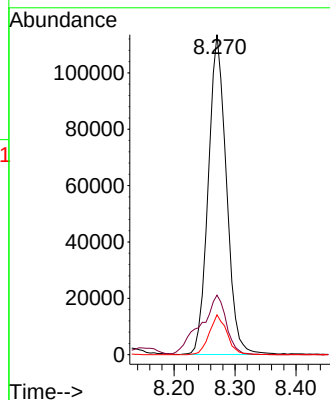
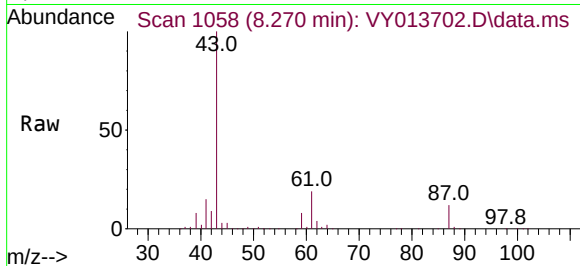




#43
Isopropyl Acetate
Concen: 53.041 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VY013702.D
Acq: 10 May 2023 20:45

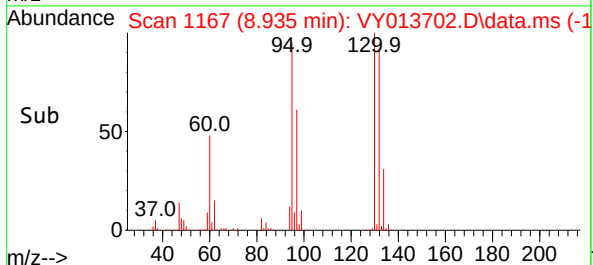
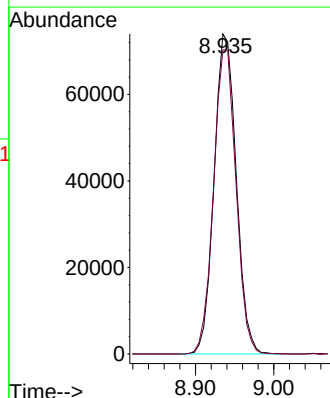
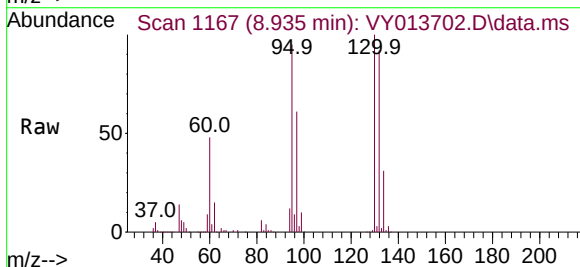
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

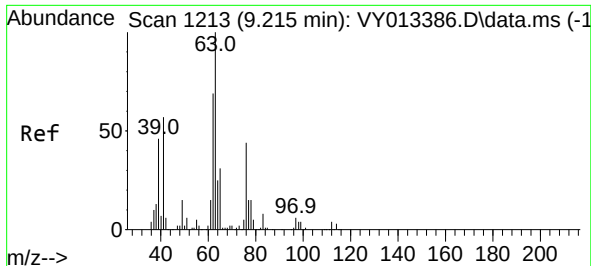
Tgt Ion: 43 Resp: 234259
Ion Ratio Lower Upper
43 100
61 26.4 22.2 33.4
87 12.2 11.0 16.6



#44
Trichloroethene
Concen: 55.801 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY013702.D
Acq: 10 May 2023 20:45

Tgt Ion:130 Resp: 145379
Ion Ratio Lower Upper
130 100
95 95.0 0.0 188.8





#45

1,2-Dichloropropane

Concen: 56.494 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY013702.D

Acq: 10 May 2023 20:45

Instrument :

MSVOA_Y

ClientSampleId :

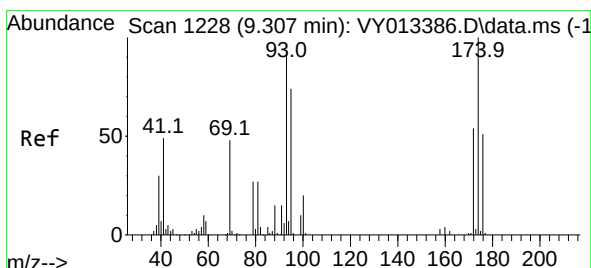
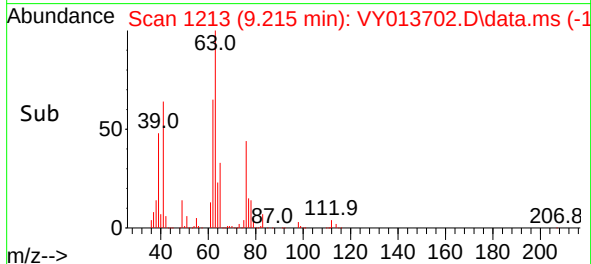
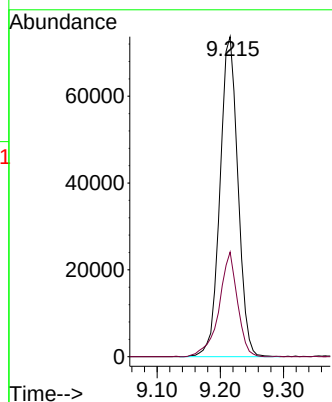
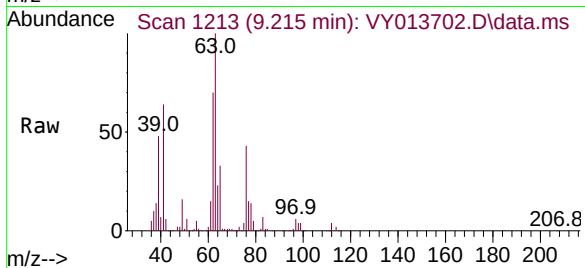
VSTDCCC050EC

Tgt Ion: 63 Resp: 144675

Ion Ratio Lower Upper

63 100

65 32.7 24.6 37.0



#46

Dibromomethane

Concen: 54.849 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY013702.D

Acq: 10 May 2023 20:45

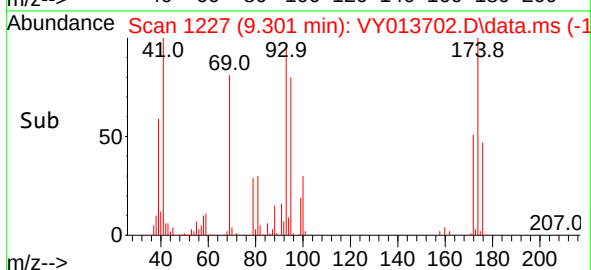
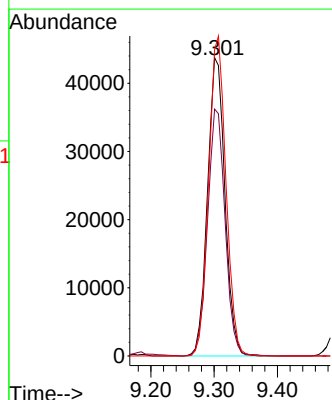
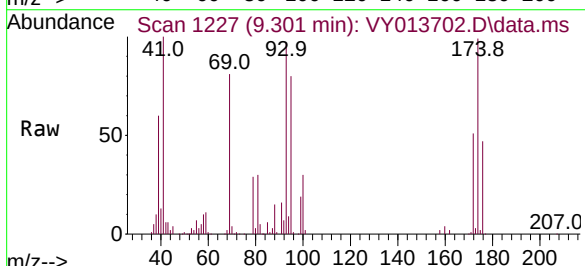
Tgt Ion: 93 Resp: 84045

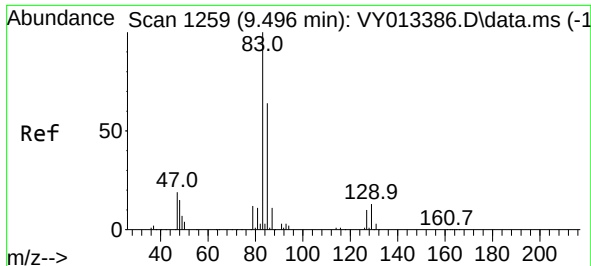
Ion Ratio Lower Upper

93 100

95 82.9 67.1 100.7

174 106.2 87.0 130.4

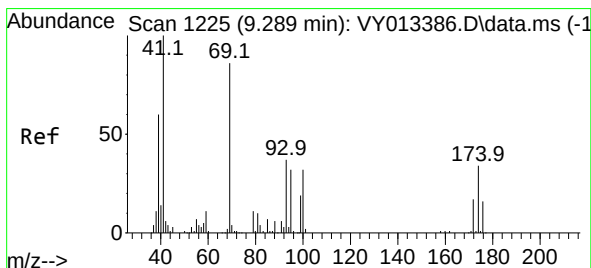
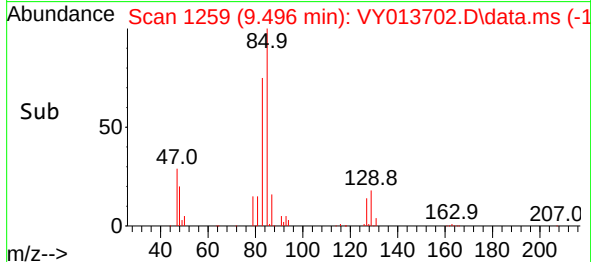
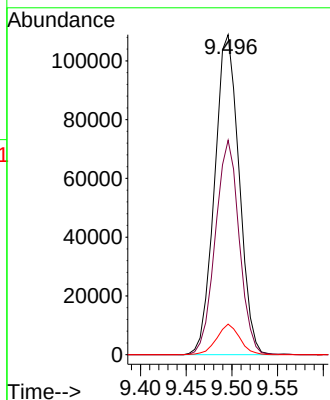
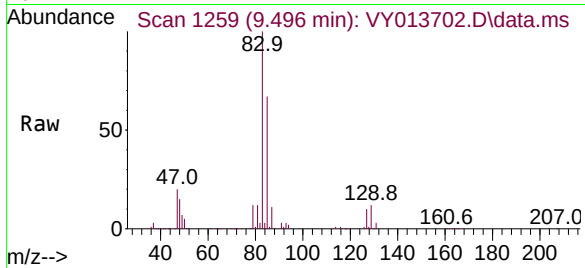




#47
Bromodichloromethane
Concen: 59.261 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY013702.D
Acq: 10 May 2023 20:45

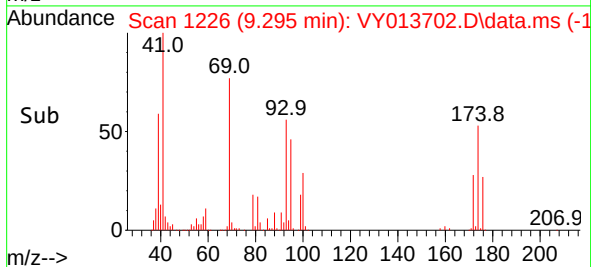
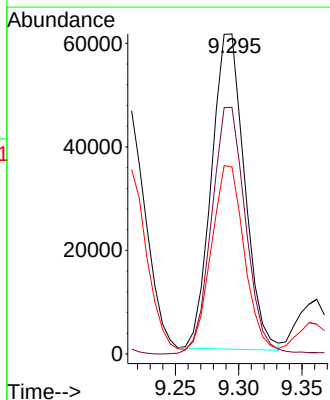
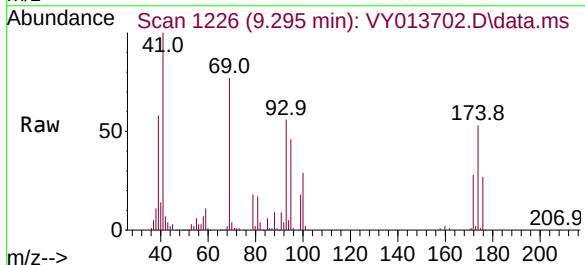
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

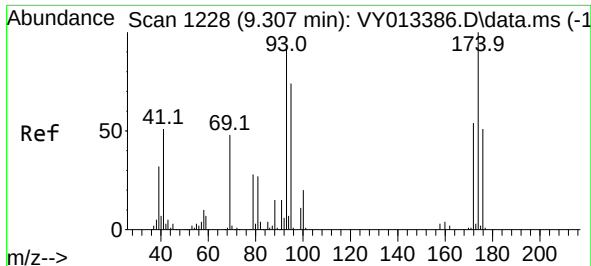
Tgt Ion: 83 Resp: 203188
Ion Ratio Lower Upper
83 100
85 67.0 51.4 77.2
127 9.5 8.1 12.1



#48
Methyl methacrylate
Concen: 54.428 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY013702.D
Acq: 10 May 2023 20:45

Tgt Ion: 41 Resp: 110400
Ion Ratio Lower Upper
41 100
69 80.8 70.2 105.4
39 57.6 47.9 71.9





#49

1,4-Dioxane

Concen: 1001.084 ug/l

RT: 9.301 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013702.D

Acq: 10 May 2023 20:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

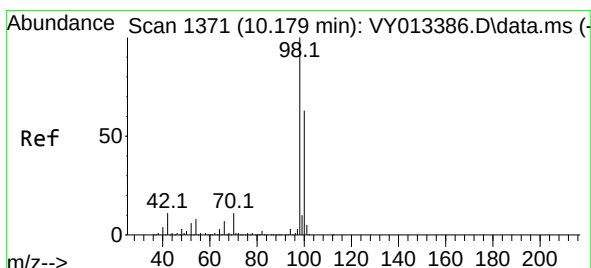
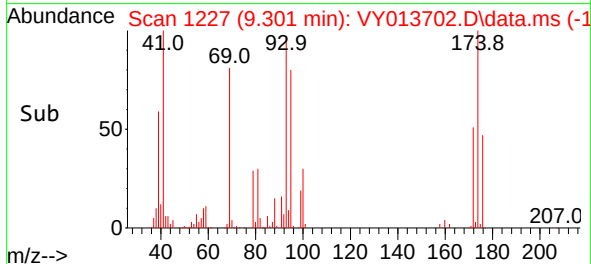
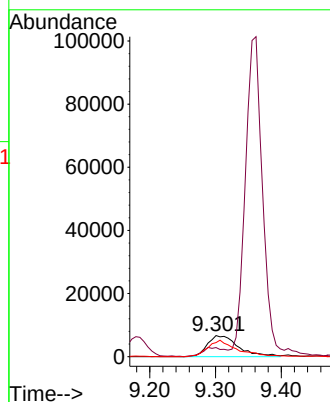
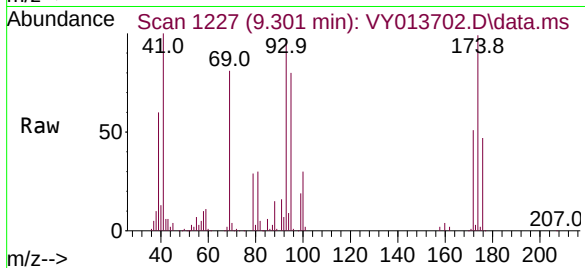
Tgt Ion: 88 Resp: 21908

Ion Ratio Lower Upper

88 100

43 31.9 16.8 25.2#

58 74.8 54.3 81.5



#50

Toluene-d8

Concen: 54.245 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013702.D

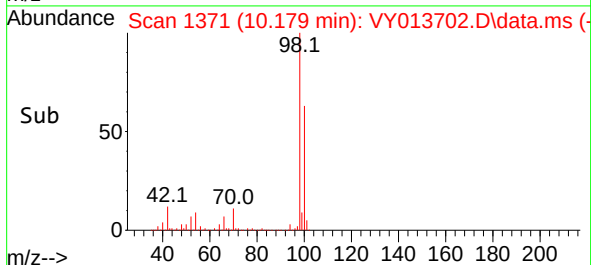
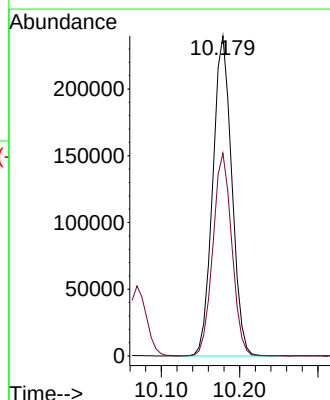
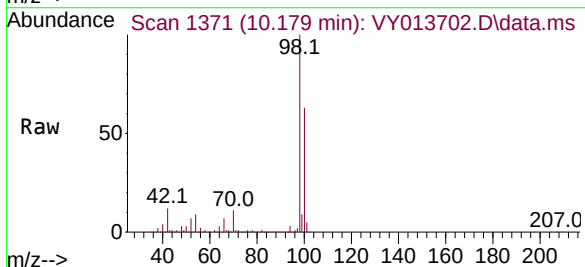
Acq: 10 May 2023 20:45

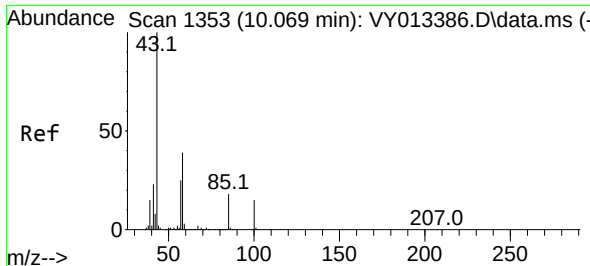
Tgt Ion: 98 Resp: 404289

Ion Ratio Lower Upper

98 100

100 62.8 50.5 75.7

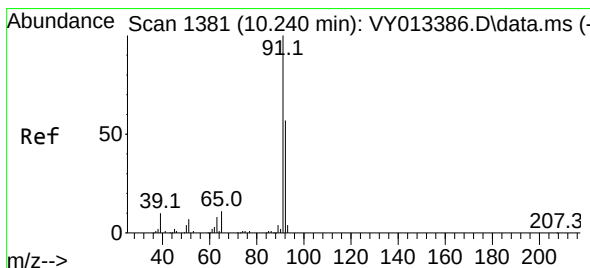
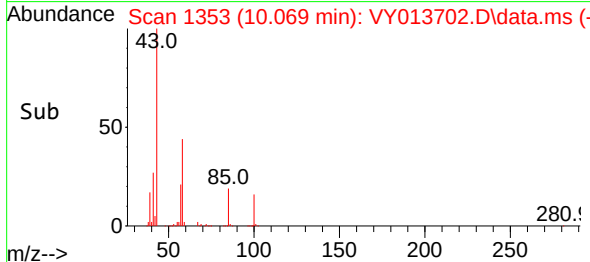
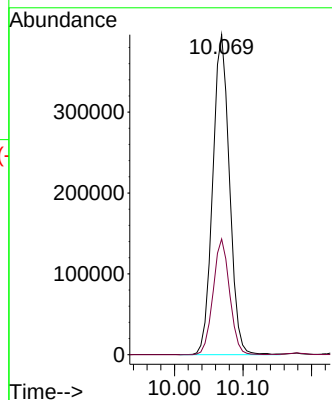
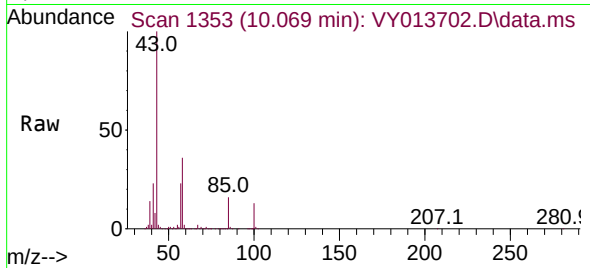




#51
4-Methyl-2-Pentanone
Concen: 272.089 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013702.D
Acq: 10 May 2023 20:45

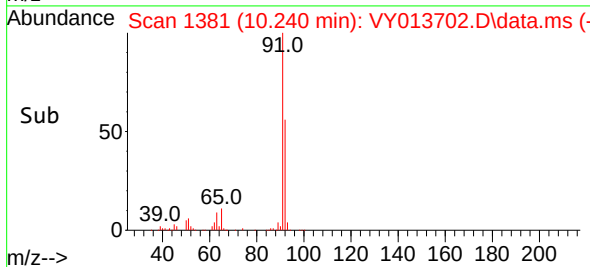
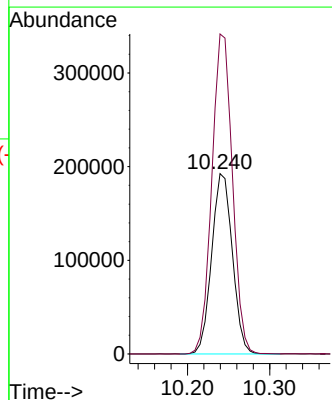
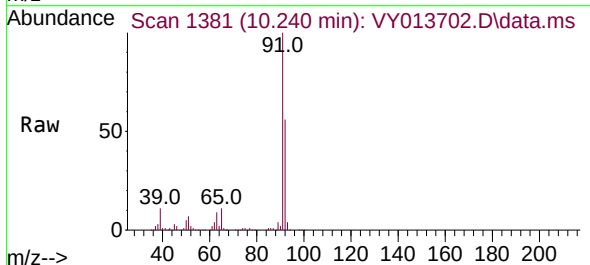
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

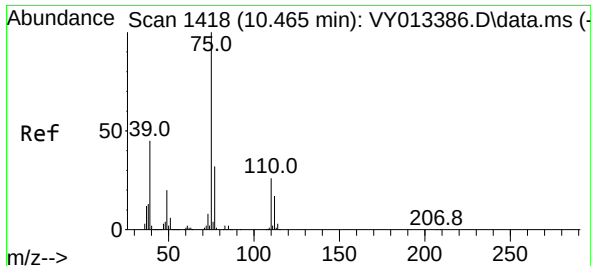
Tgt Ion: 43 Resp: 669640
Ion Ratio Lower Upper
43 100
58 35.7 30.6 46.0



#52
Toluene
Concen: 57.149 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013702.D
Acq: 10 May 2023 20:45

Tgt Ion: 92 Resp: 336840
Ion Ratio Lower Upper
92 100
91 176.2 140.2 210.4





#53

t-1,3-Dichloropropene

Concen: 56.639 ug/l

RT: 10.465 min Scan# 1418

Delta R.T. 0.000 min

Lab File: VY013702.D

Acq: 10 May 2023 20:45

Instrument :

MSVOA_Y

ClientSampleId :

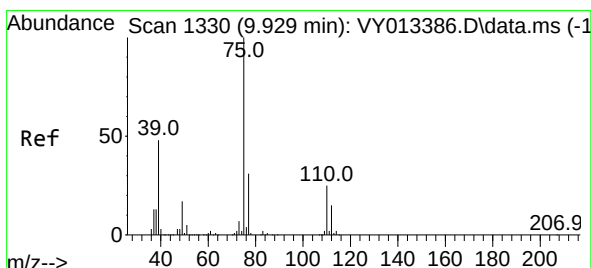
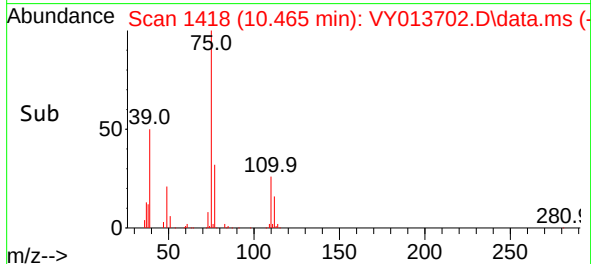
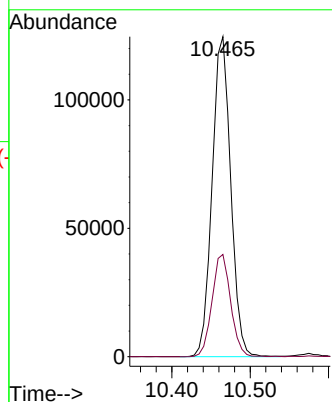
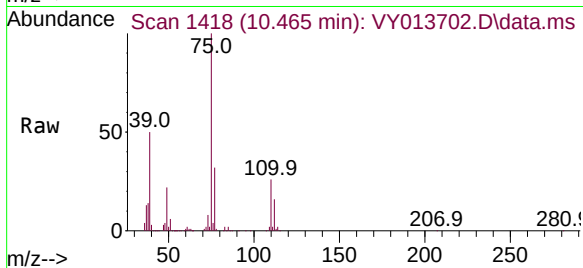
VSTDCCC050EC

Tgt Ion: 75 Resp: 205527

Ion Ratio Lower Upper

75 100

77 32.0 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 56.228 ug/l

RT: 9.929 min Scan# 1330

Delta R.T. -0.000 min

Lab File: VY013702.D

Acq: 10 May 2023 20:45

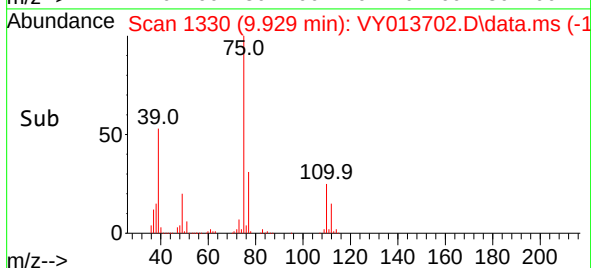
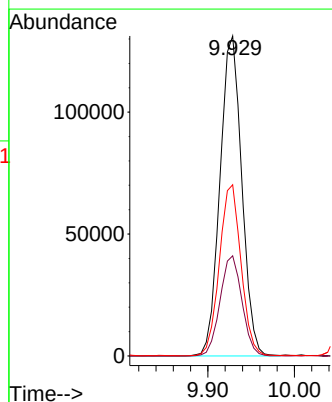
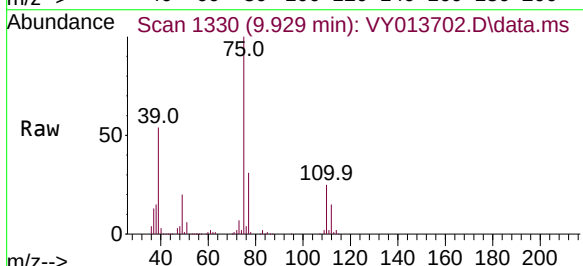
Tgt Ion: 75 Resp: 229586

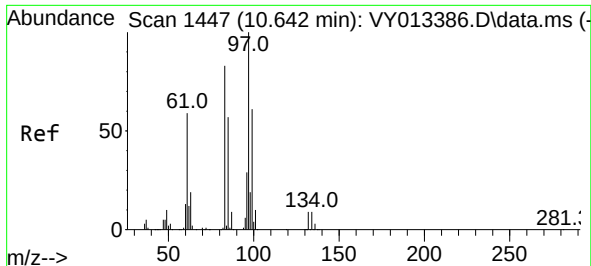
Ion Ratio Lower Upper

75 100

77 31.3 24.8 37.2

39 53.4 38.1 57.1

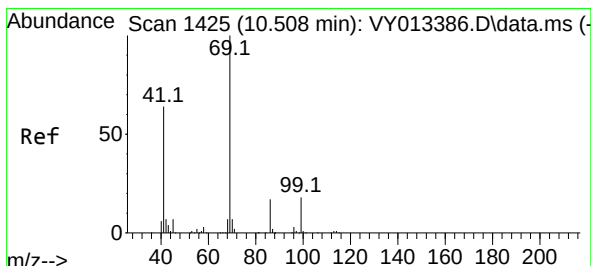
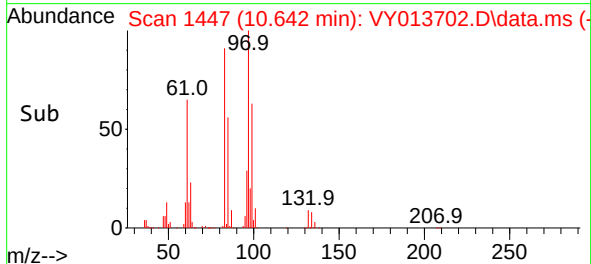
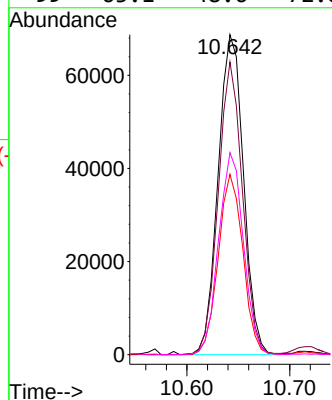
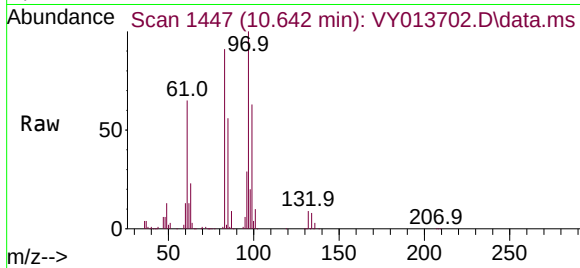




#55
1,1,2-Trichloroethane
Concen: 58.106 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY013702.D
Acq: 10 May 2023 20:45

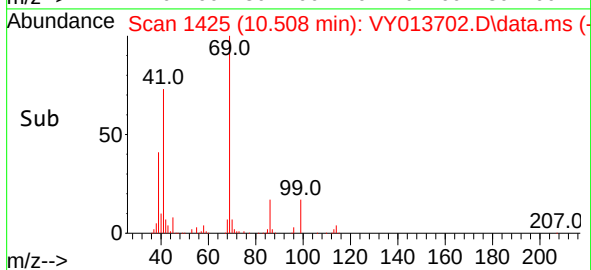
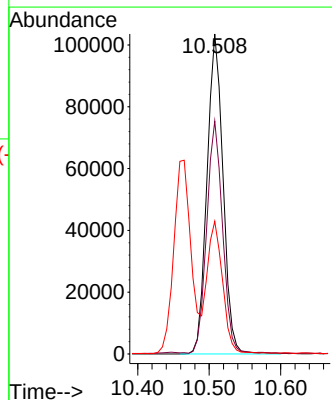
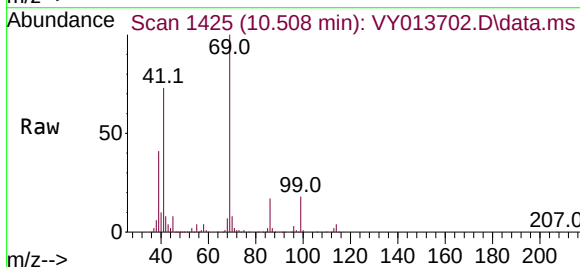
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

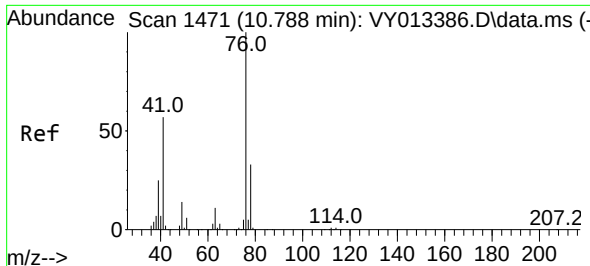
Tgt Ion:	97	Resp:	117908
Ion	Ratio	Lower	Upper
97	100		
83	91.5	66.4	99.6
85	56.3	45.6	68.4
99	63.1	48.6	72.8



#56
Ethyl methacrylate
Concen: 57.395 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY013702.D
Acq: 10 May 2023 20:45

Tgt Ion:	69	Resp:	161580
Ion	Ratio	Lower	Upper
69	100		
41	71.3	51.4	77.0
39	38.7	29.0	43.6





#57

1,3-Dichloropropane

Concen: 57.624 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013702.D

Acq: 10 May 2023 20:45

Instrument :

MSVOA_Y

ClientSampleId :

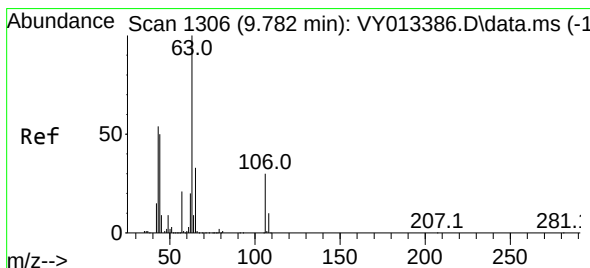
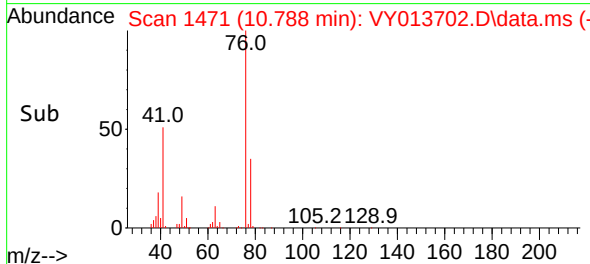
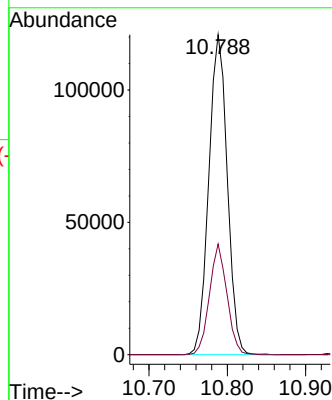
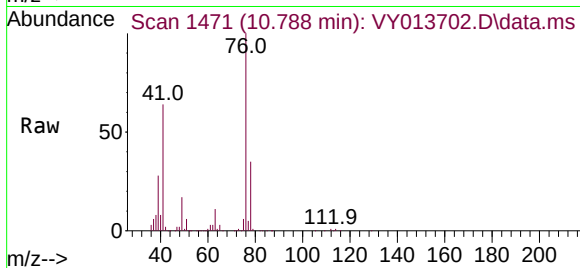
VSTDCCC050EC

Tgt Ion: 76 Resp: 198032

Ion Ratio Lower Upper

76 100

78 32.6 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 263.694 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY013702.D

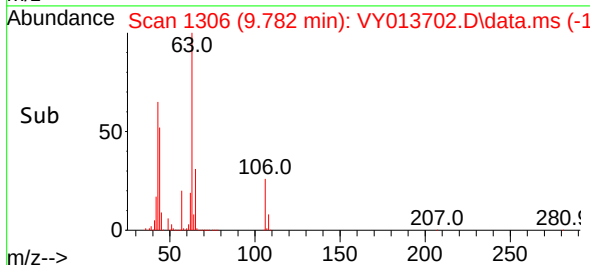
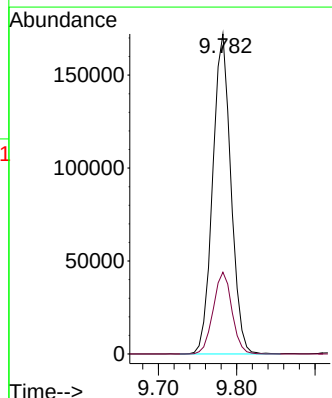
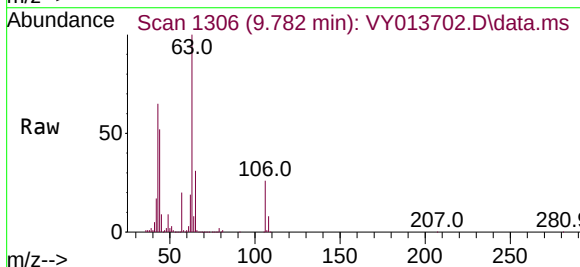
Acq: 10 May 2023 20:45

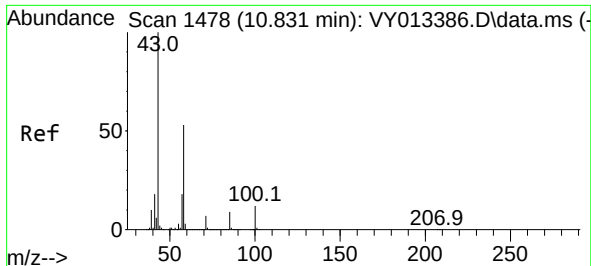
Tgt Ion: 63 Resp: 278371

Ion Ratio Lower Upper

63 100

106 26.1 23.5 35.3

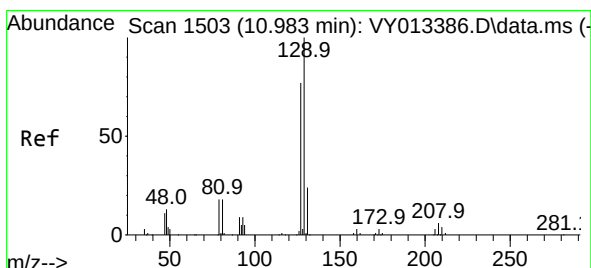
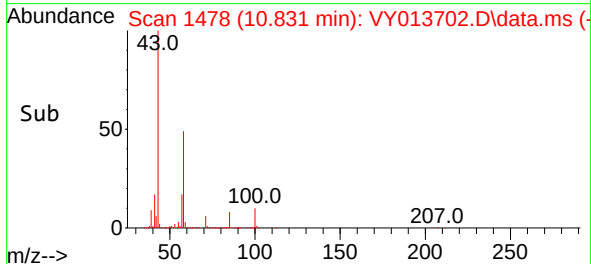
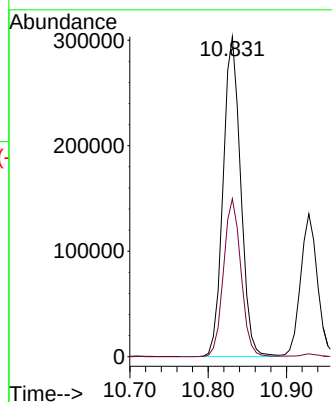
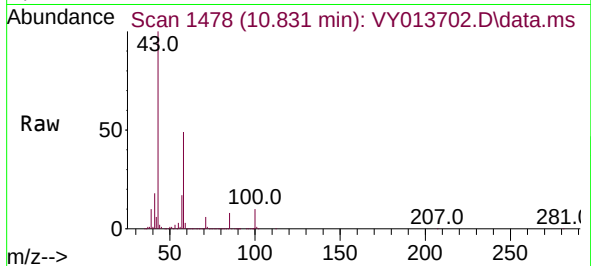




#59
2-Hexanone
Concen: 264.581 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY013702.D
Acq: 10 May 2023 20:45

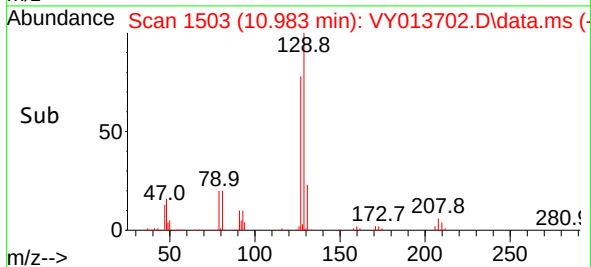
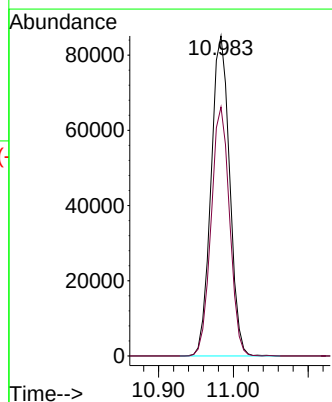
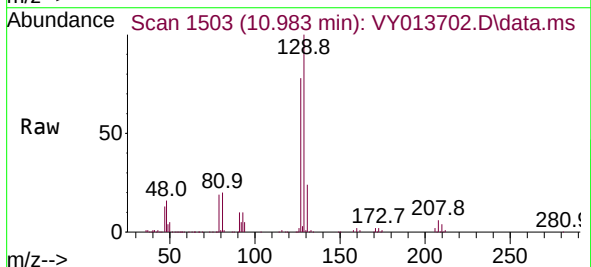
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

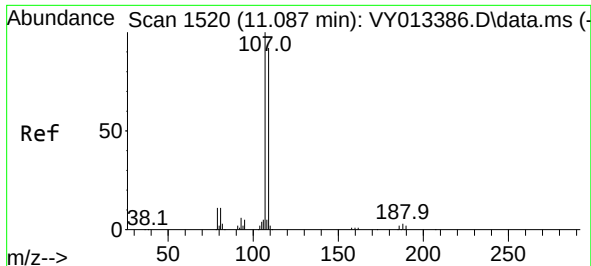
Tgt Ion: 43 Resp: 473343
Ion Ratio Lower Upper
43 100
58 49.2 26.3 78.8



#60
Dibromochloromethane
Concen: 59.600 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013702.D
Acq: 10 May 2023 20:45

Tgt Ion: 129 Resp: 146848
Ion Ratio Lower Upper
129 100
127 77.1 38.7 116.1

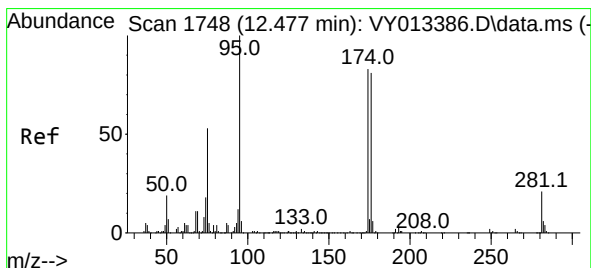
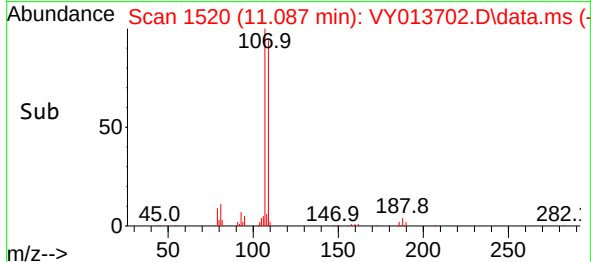
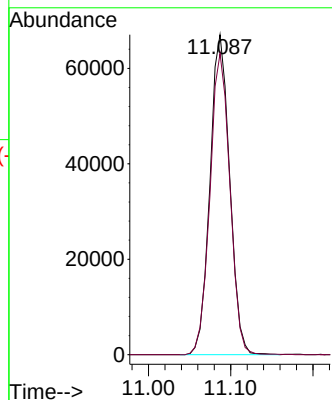
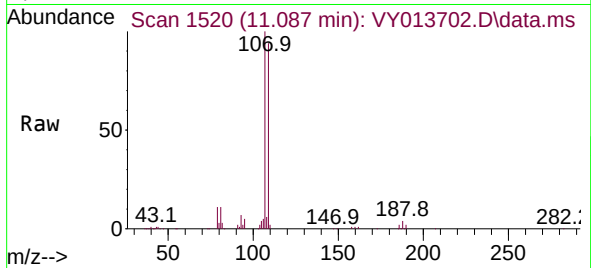




#61
1,2-Dibromoethane
Concen: 55.947 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY013702.D
Acq: 10 May 2023 20:45

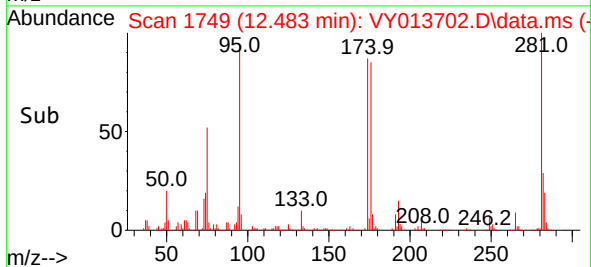
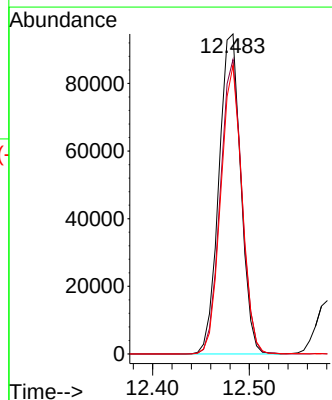
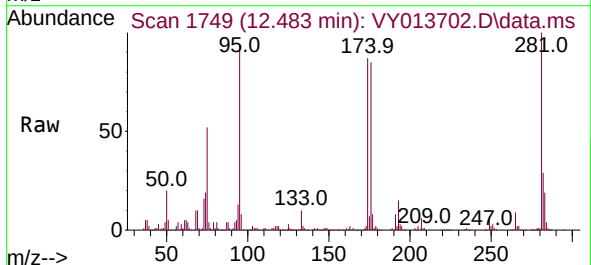
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

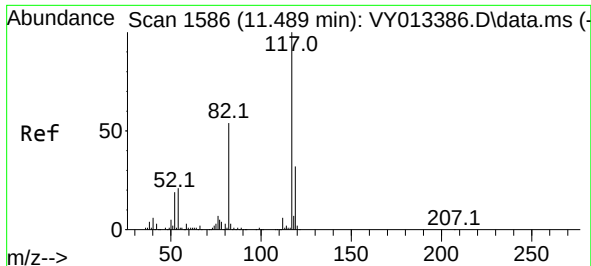
Tgt Ion:107 Resp: 111616
Ion Ratio Lower Upper
107 100
109 95.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 59.046 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013702.D
Acq: 10 May 2023 20:45

Tgt Ion: 95 Resp: 148358
Ion Ratio Lower Upper
95 100
174 90.3 0.0 182.0
176 87.5 0.0 175.4

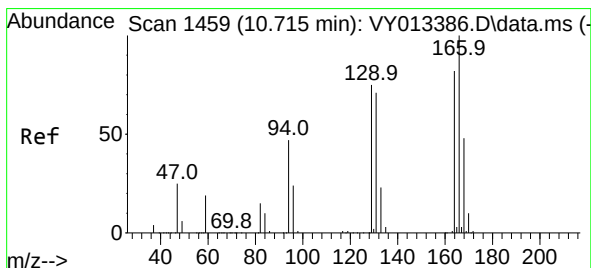
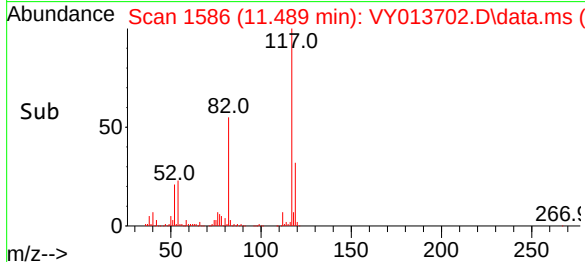
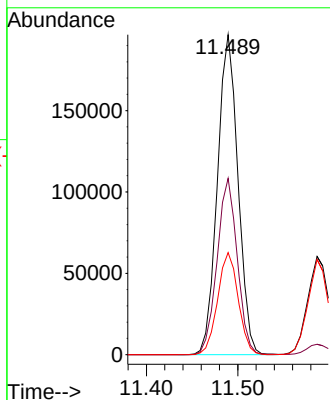
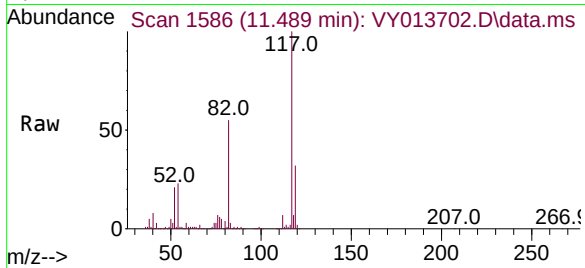




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013702.D
Acq: 10 May 2023 20:45

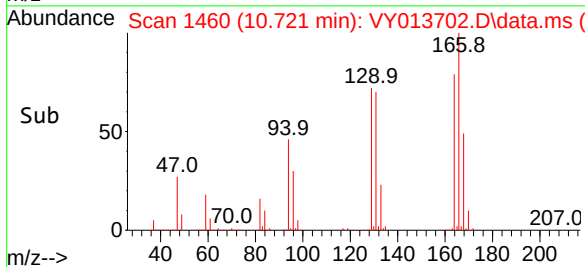
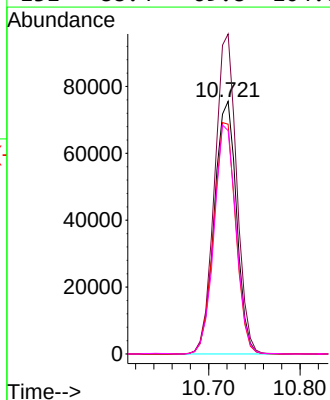
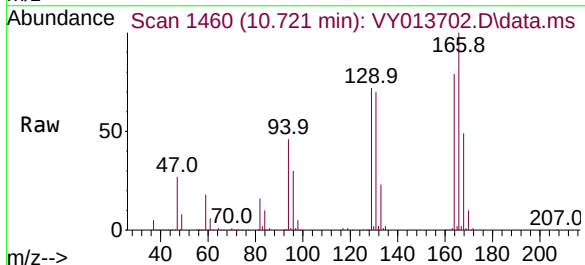
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

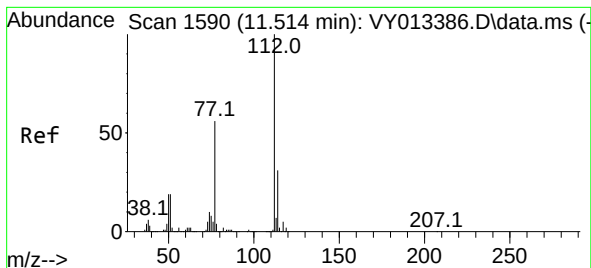
Tgt Ion:117 Resp: 308106
Ion Ratio Lower Upper
117 100
82 55.1 43.0 64.6
119 31.9 25.5 38.3



#64
Tetrachloroethene
Concen: 54.411 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY013702.D
Acq: 10 May 2023 20:45

Tgt Ion:164 Resp: 127478
Ion Ratio Lower Upper
164 100
166 126.7 97.5 146.3
129 91.0 72.6 109.0
131 88.4 69.8 104.6





#65

Chlorobenzene

Concen: 54.410 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY013702.D

Acq: 10 May 2023 20:45

Instrument :

MSVOA_Y

ClientSampleId :

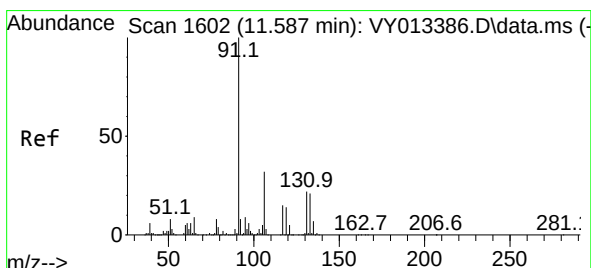
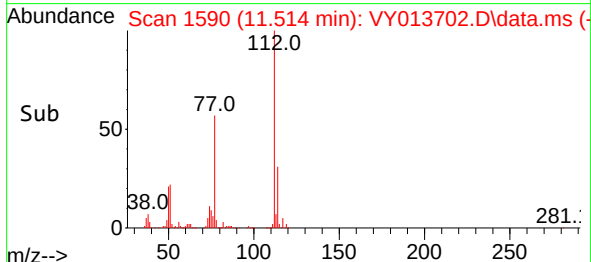
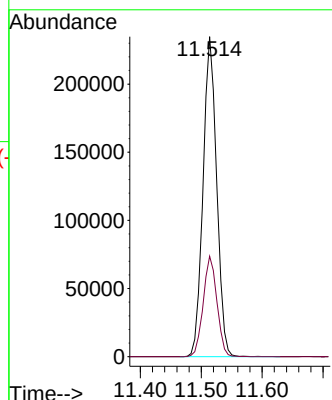
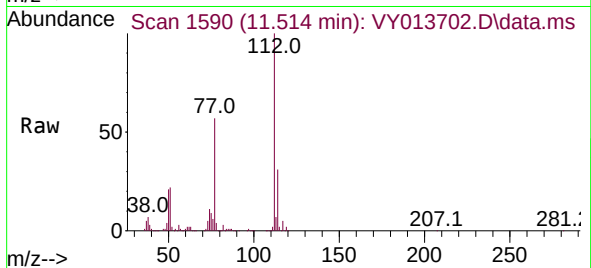
VSTDCCC050EC

Tgt Ion:112 Resp: 365185

Ion Ratio Lower Upper

112 100

114 31.4 24.9 37.3



#66

1,1,1,2-Tetrachloroethane

Concen: 56.960 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY013702.D

Acq: 10 May 2023 20:45

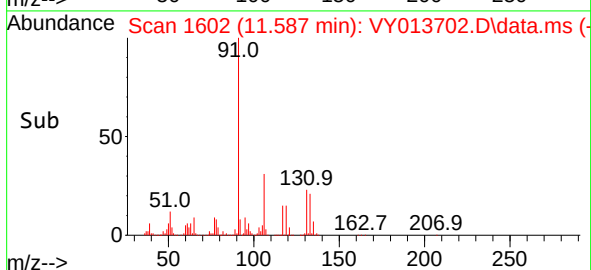
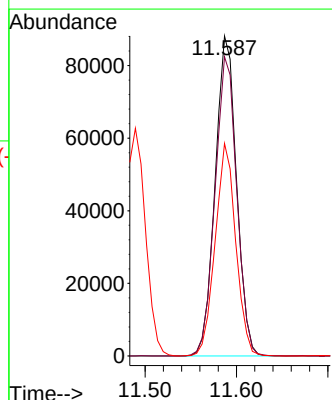
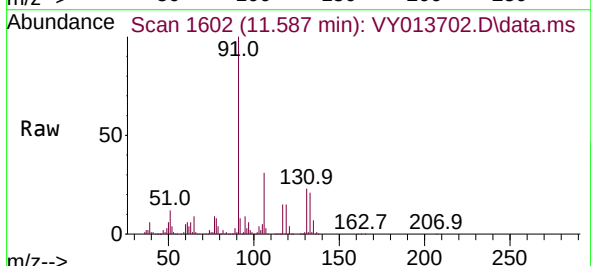
Tgt Ion:131 Resp: 142980

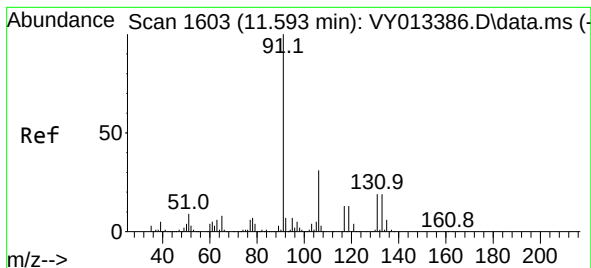
Ion Ratio Lower Upper

131 100

133 95.4 47.7 143.1

119 64.1 32.6 98.0





#67

Ethyl Benzene

Concen: 55.047 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY013702.D

Acq: 10 May 2023 20:45

Instrument :

MSVOA_Y

ClientSampleId :

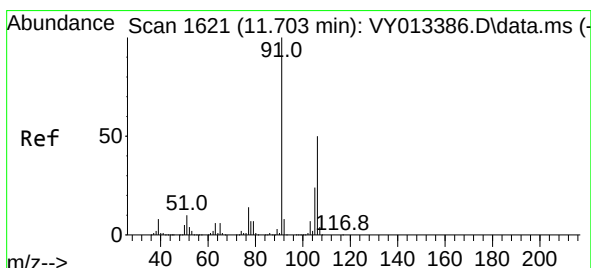
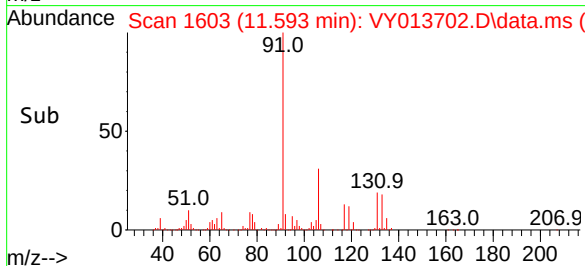
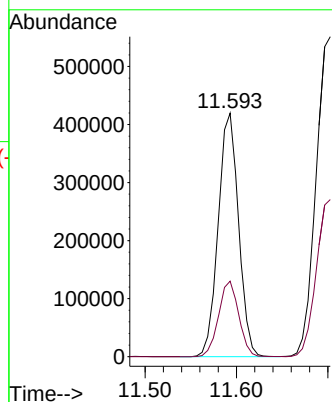
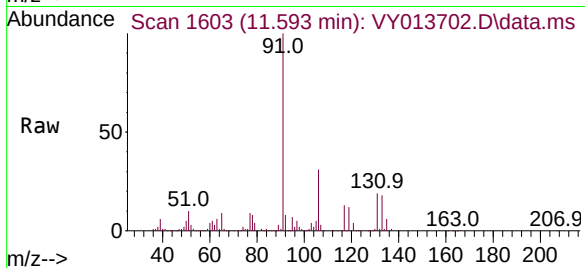
VSTDCCC050EC

Tgt Ion: 91 Resp: 648768

Ion Ratio Lower Upper

91 100

106 31.0 25.1 37.7



#68

m/p-Xylenes

Concen: 110.771 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY013702.D

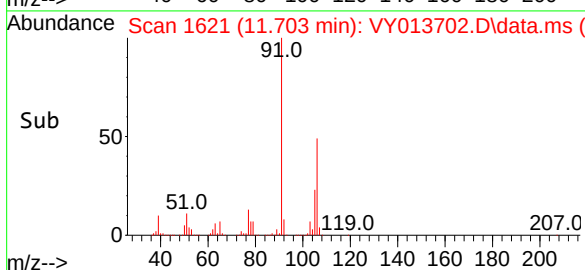
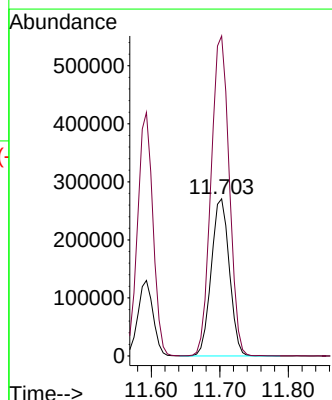
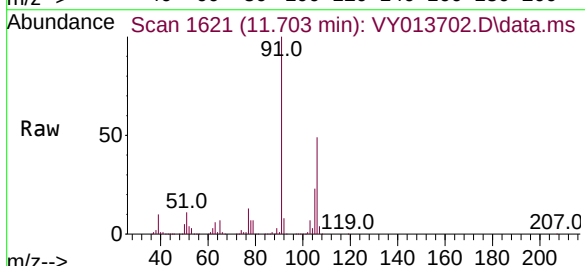
Acq: 10 May 2023 20:45

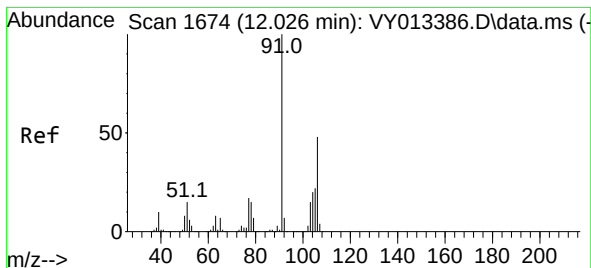
Tgt Ion:106 Resp: 496302

Ion Ratio Lower Upper

106 100

91 205.0 160.9 241.3

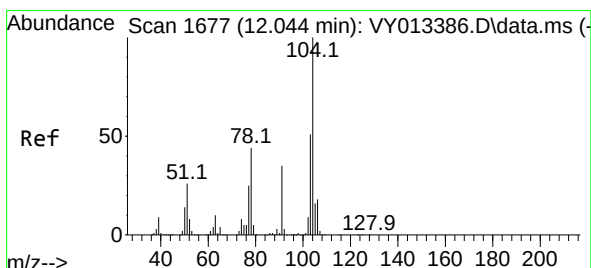
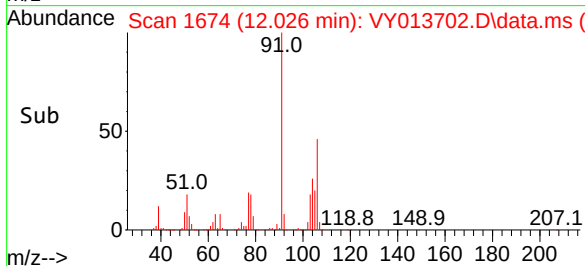
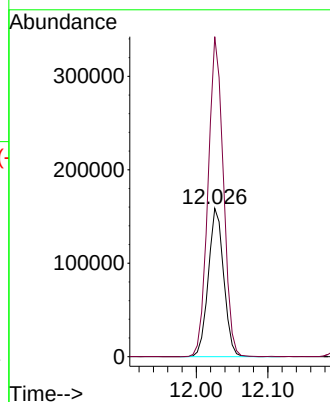
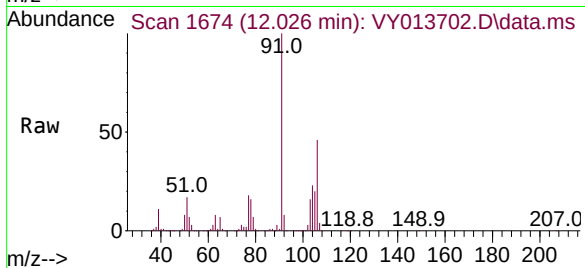




#69
o-Xylene
Concen: 55.941 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY013702.D
Acq: 10 May 2023 20:45

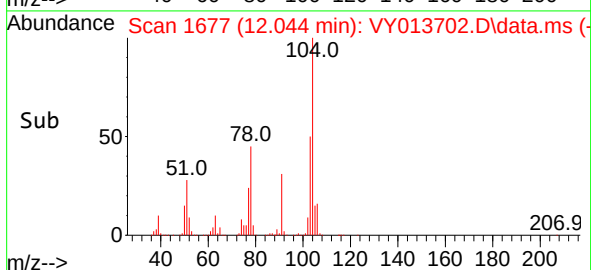
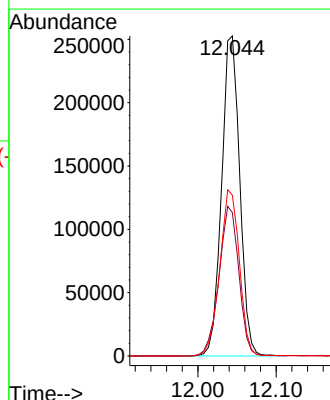
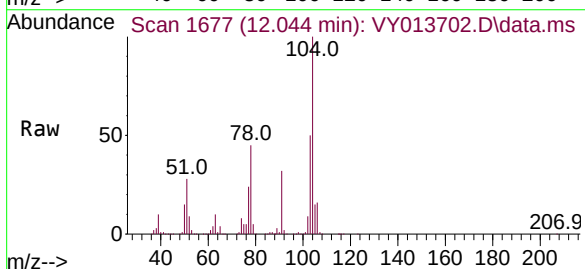
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

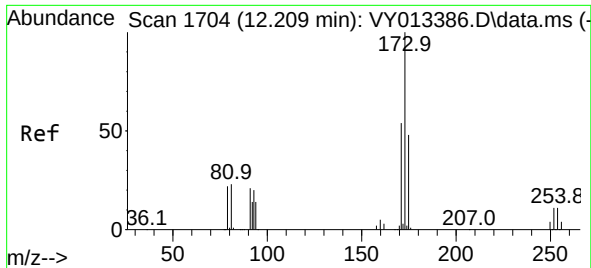
Tgt Ion:106 Resp: 237041
Ion Ratio Lower Upper
106 100
91 214.6 105.5 316.4



#70
Styrene
Concen: 57.517 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013702.D
Acq: 10 May 2023 20:45

Tgt Ion:104 Resp: 407508
Ion Ratio Lower Upper
104 100
78 51.1 40.3 60.5
103 56.2 45.0 67.4

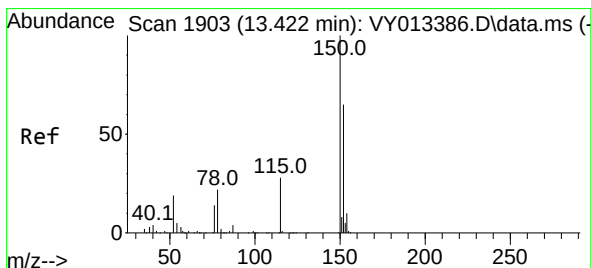
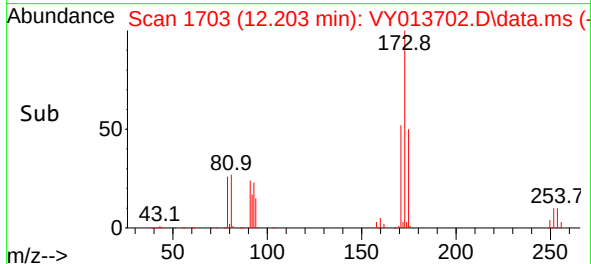
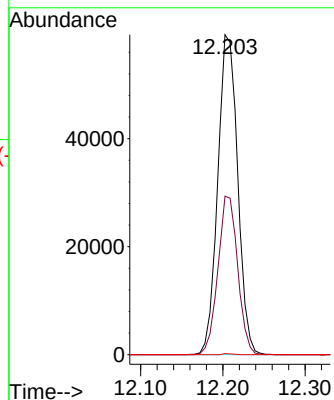
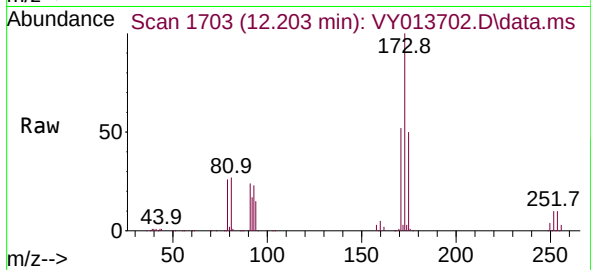




#71
Bromoform
Concen: 56.814 ug/l
RT: 12.203 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013702.D
Acq: 10 May 2023 20:45

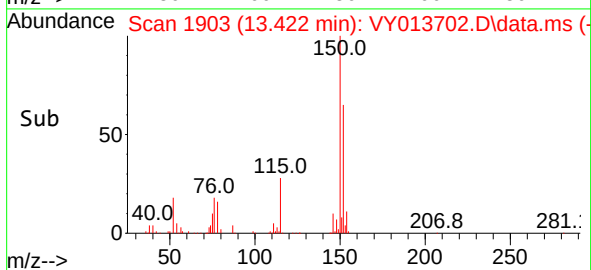
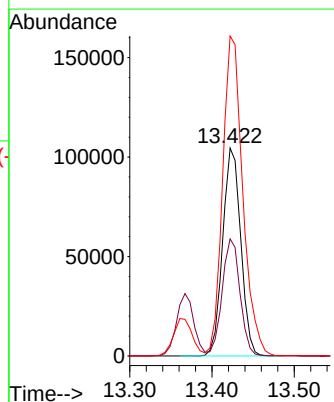
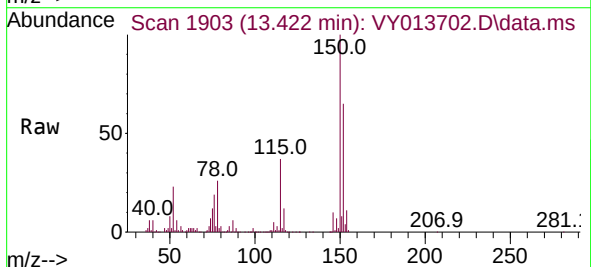
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

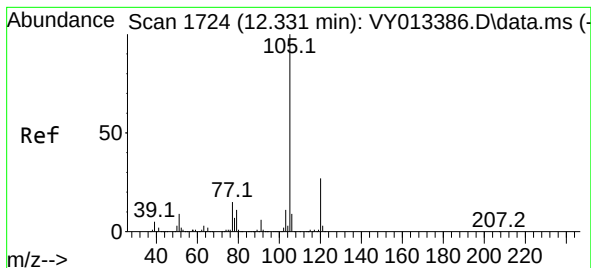
Tgt Ion:173 Resp: 99892
Ion Ratio Lower Upper
173 100
175 49.1 24.3 72.8
254 0.2 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY013702.D
Acq: 10 May 2023 20:45

Tgt Ion:152 Resp: 160077
Ion Ratio Lower Upper
152 100
115 55.6 28.1 84.2
150 171.2 0.0 352.0





#73

Isopropylbenzene

Concen: 51.561 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013702.D

Acq: 10 May 2023 20:45

Instrument :

MSVOA_Y

ClientSampleId :

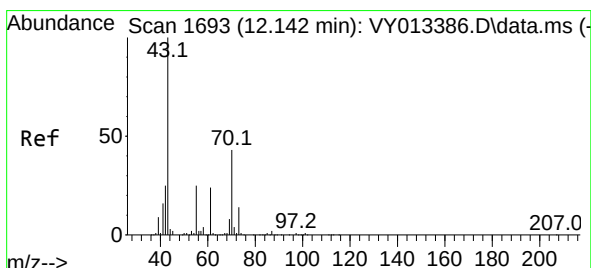
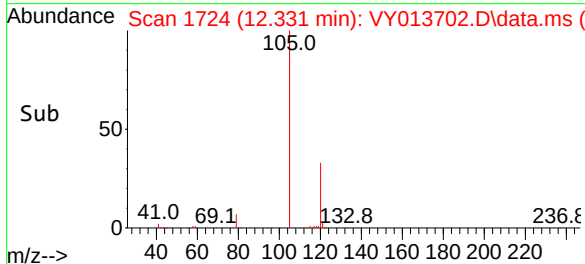
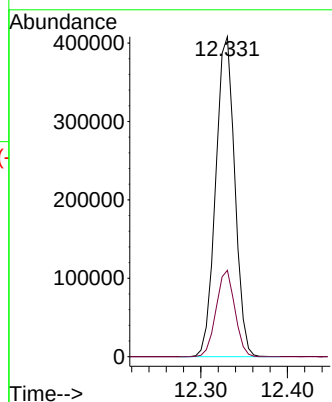
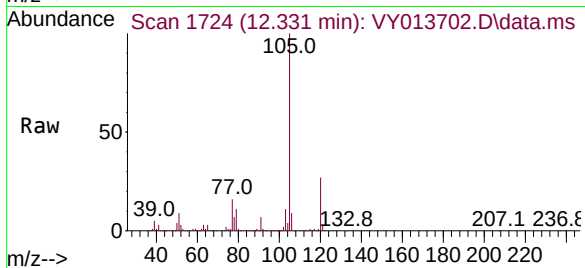
VSTDCCC050EC

Tgt Ion:105 Resp: 624287

Ion Ratio Lower Upper

105 100

120 26.5 13.7 41.0



#74

N-ethyl acetate

Concen: 47.273 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013702.D

Acq: 10 May 2023 20:45

Tgt Ion: 43 Resp: 203683

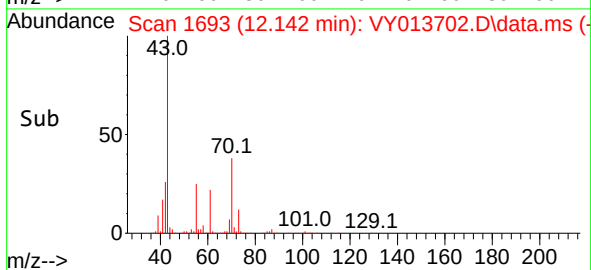
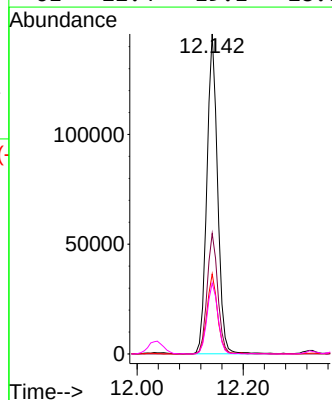
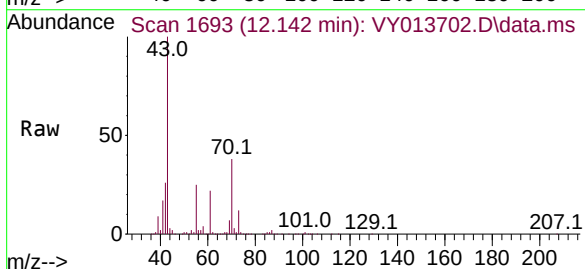
Ion Ratio Lower Upper

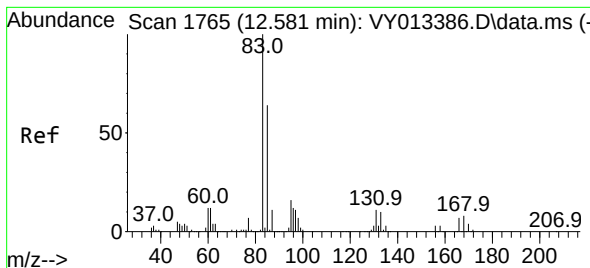
43 100

70 37.8 33.0 49.4

55 24.4 19.8 29.6

61 22.4 19.1 28.7

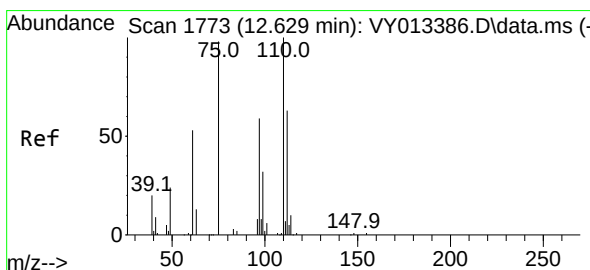
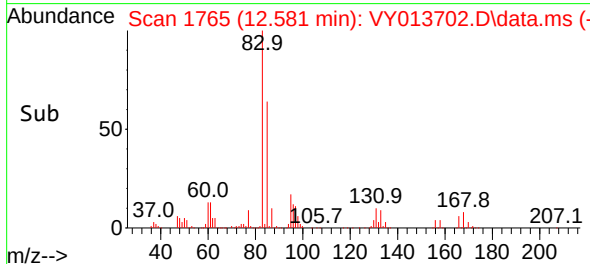
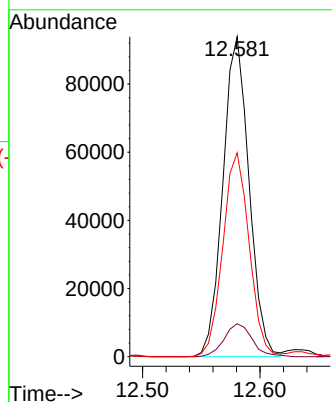
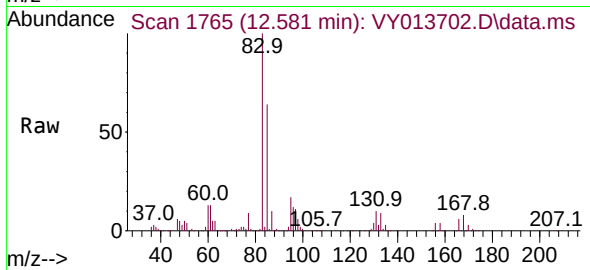




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.099 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY013702.D
 Acq: 10 May 2023 20:45

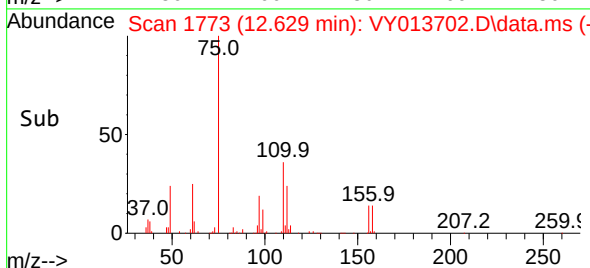
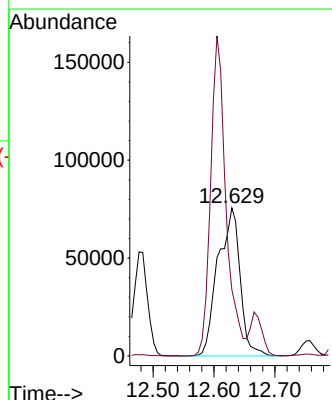
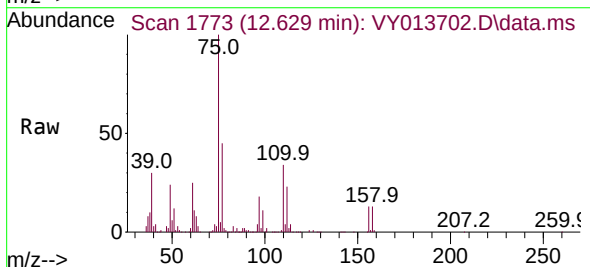
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

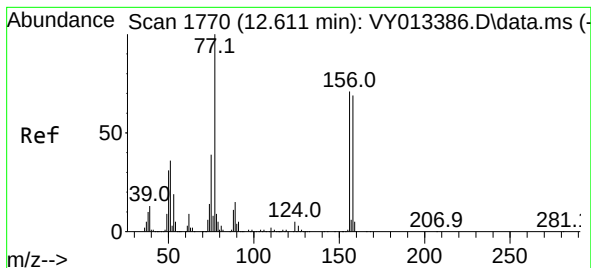
Tgt Ion: 83 Resp: 145304
 Ion Ratio Lower Upper
 83 100
 131 11.0 5.7 17.0
 85 64.1 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 88.559 ug/l
 RT: 12.629 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VY013702.D
 Acq: 10 May 2023 20:45

Tgt Ion: 75 Resp: 191183
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.720 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY013702.D

Acq: 10 May 2023 20:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

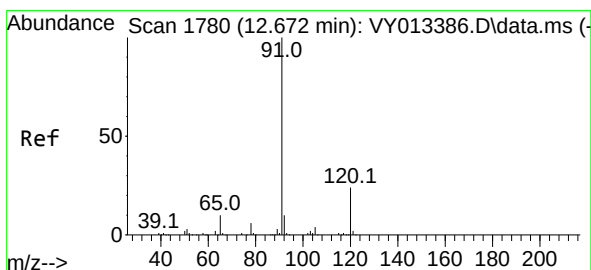
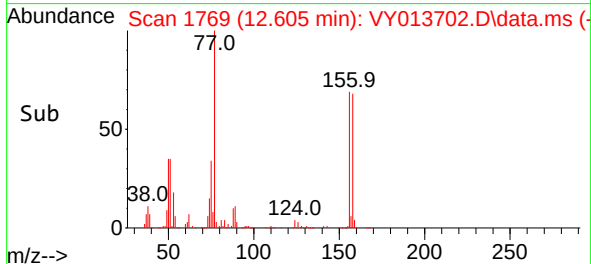
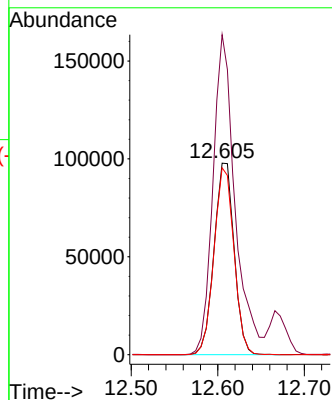
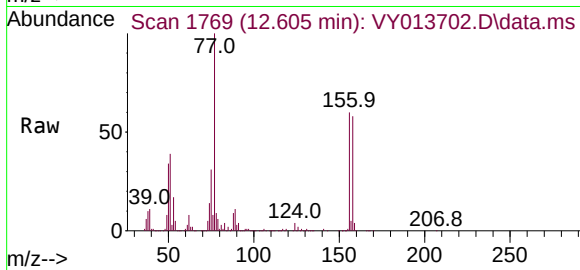
Tgt Ion:156 Resp: 157599

Ion Ratio Lower Upper

156 100

77 183.7 87.6 262.9

158 97.1 48.5 145.5



#78

n-propylbenzene

Concen: 51.600 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013702.D

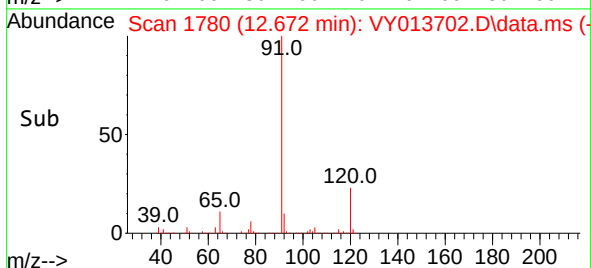
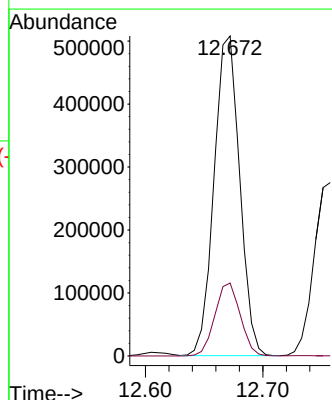
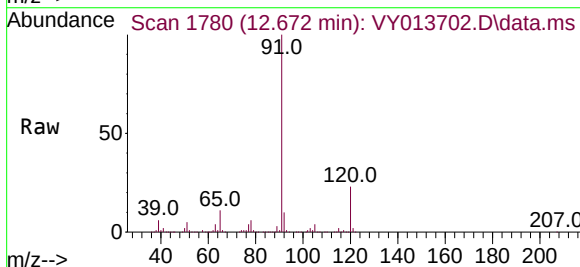
Acq: 10 May 2023 20:45

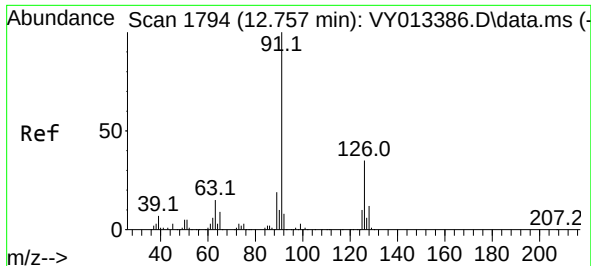
Tgt Ion: 91 Resp: 769529

Ion Ratio Lower Upper

91 100

120 22.6 11.9 35.9

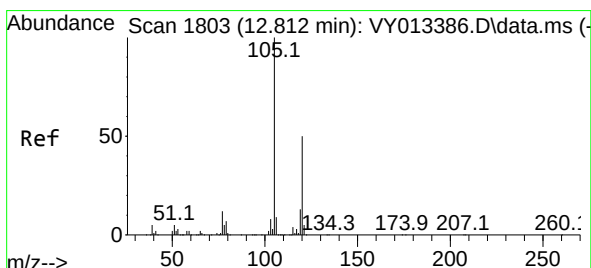
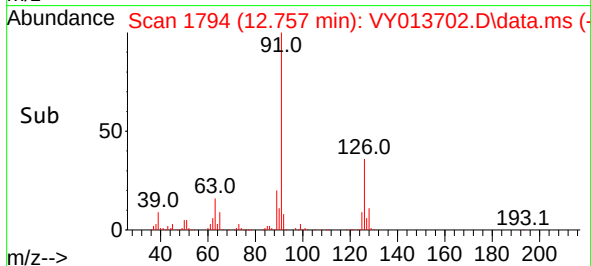
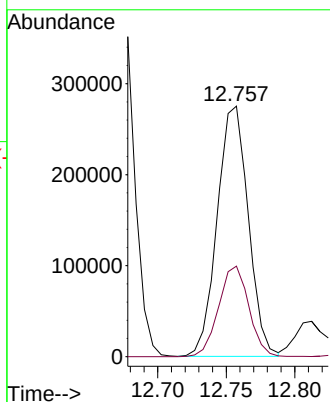
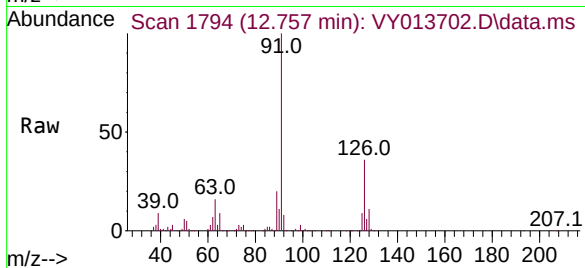




#79
2-Chlorotoluene
Concen: 52.128 ug/l
RT: 12.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013702.D
Acq: 10 May 2023 20:45

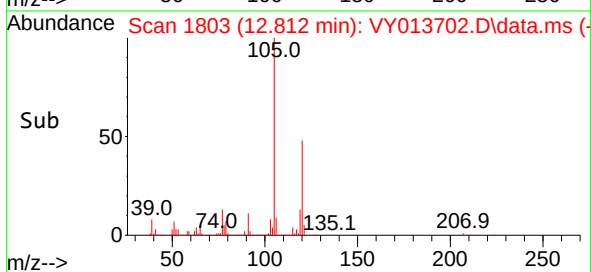
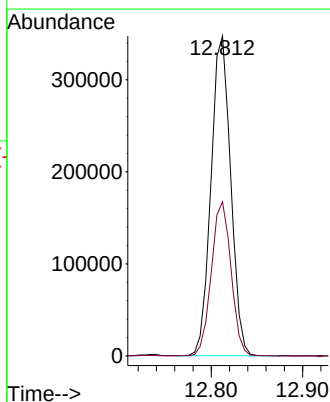
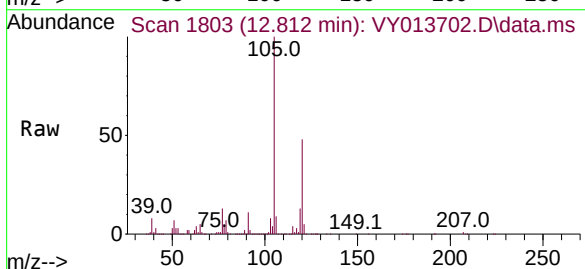
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

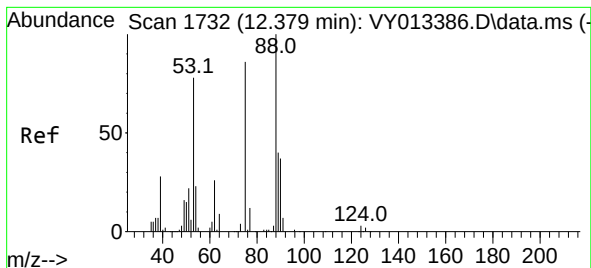
Tgt Ion: 91 Resp: 434123
Ion Ratio Lower Upper
91 100
126 35.2 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 52.563 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013702.D
Acq: 10 May 2023 20:45

Tgt Ion: 105 Resp: 519441
Ion Ratio Lower Upper
105 100
120 48.3 24.7 74.1

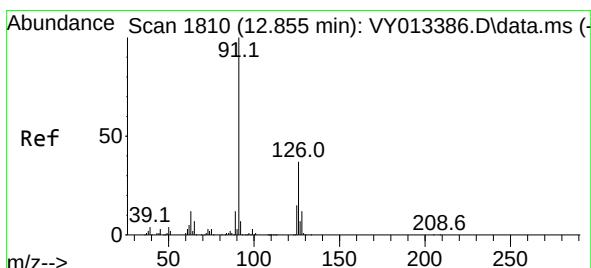
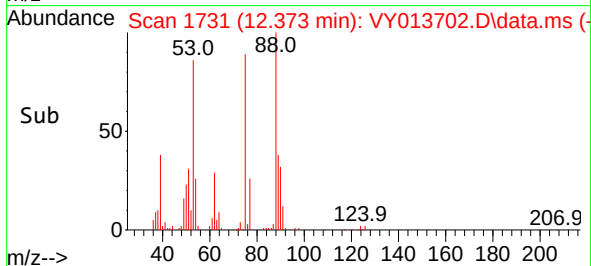
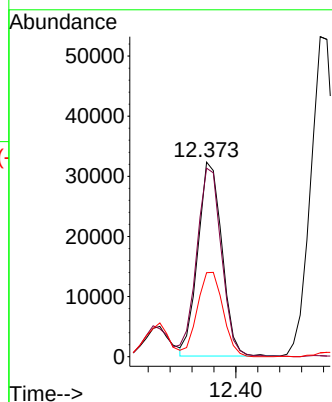
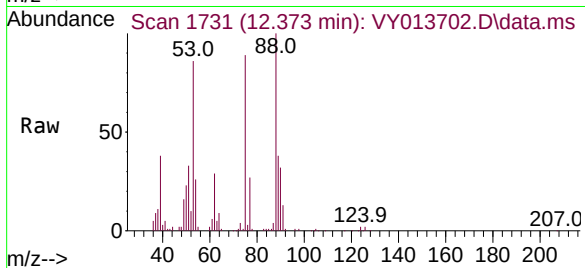




#81
trans-1,4-Dichloro-2-butene
Concen: 46.560 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY013702.D
Acq: 10 May 2023 20:45

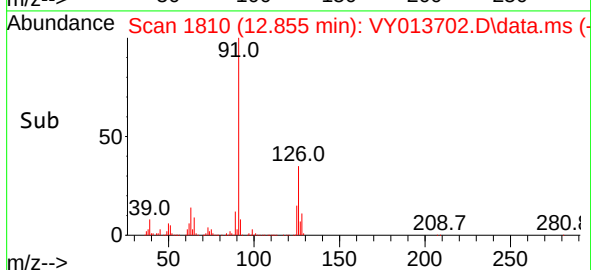
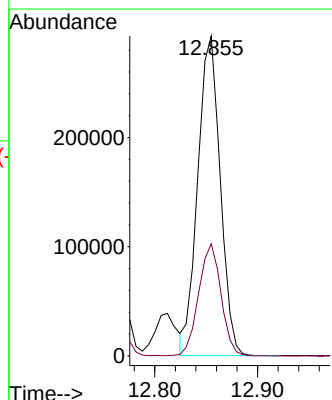
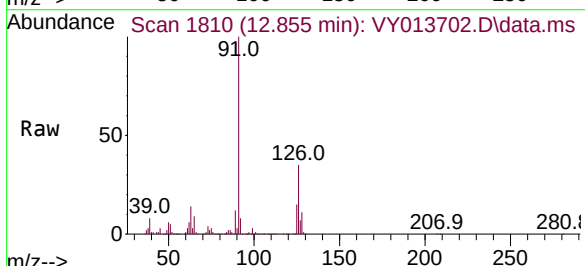
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

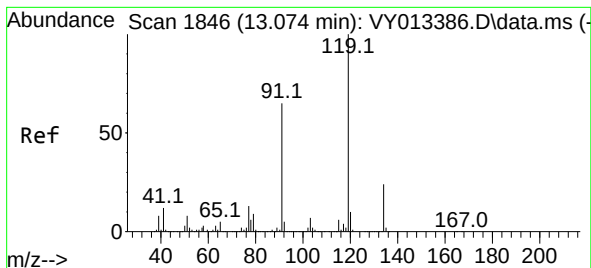
Tgt Ion: 75 Resp: 49138
Ion Ratio Lower Upper
75 100
53 101.9 73.2 109.8
89 46.6 38.0 57.0



#82
4-Chlorotoluene
Concen: 51.296 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY013702.D
Acq: 10 May 2023 20:45

Tgt Ion: 91 Resp: 445260
Ion Ratio Lower Upper
91 100
126 35.0 17.9 53.8





#83

tert-Butylbenzene

Concen: 53.279 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY013702.D

Acq: 10 May 2023 20:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

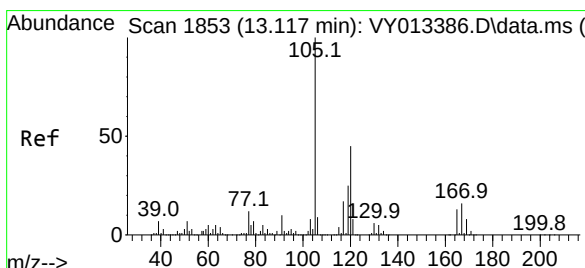
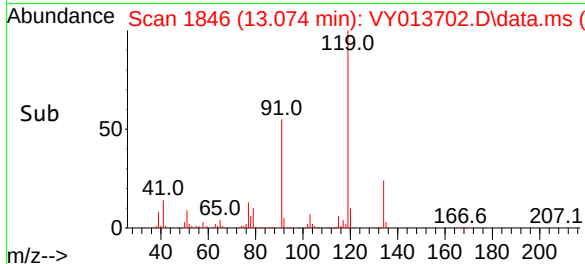
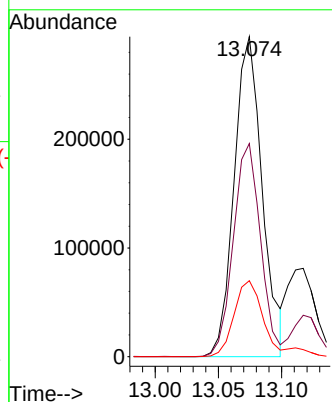
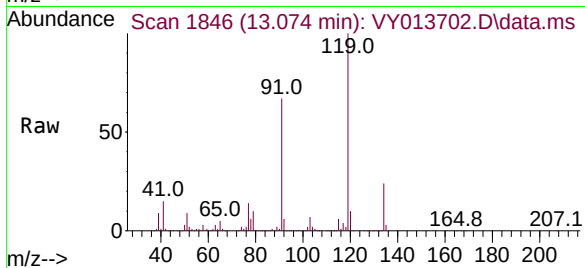
Tgt Ion:119 Resp: 456155

Ion Ratio Lower Upper

119 100

91 64.3 32.2 96.6

134 26.0 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 53.952 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY013702.D

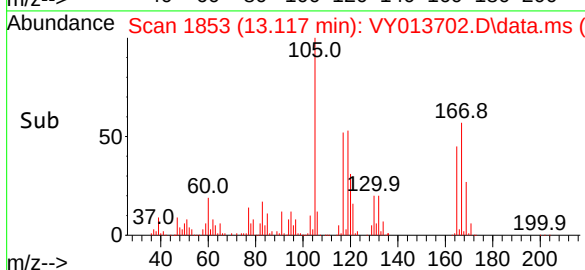
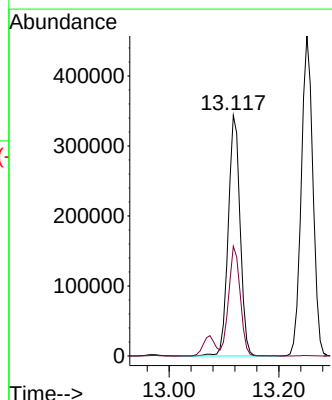
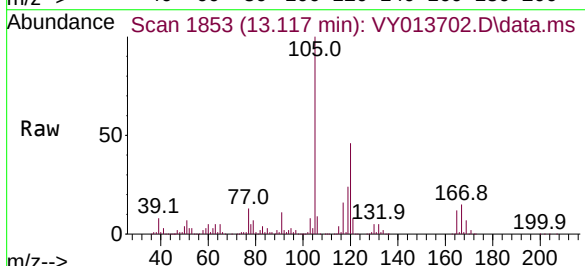
Acq: 10 May 2023 20:45

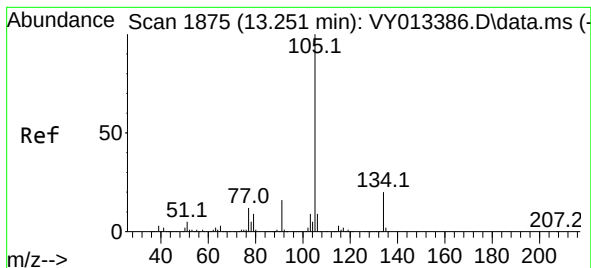
Tgt Ion:105 Resp: 518358

Ion Ratio Lower Upper

105 100

120 44.2 22.3 66.9





#85

sec-Butylbenzene

Concen: 51.999 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013702.D

Acq: 10 May 2023 20:45

Instrument :

MSVOA_Y

ClientSampleId :

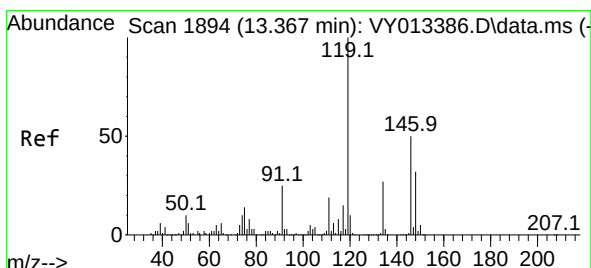
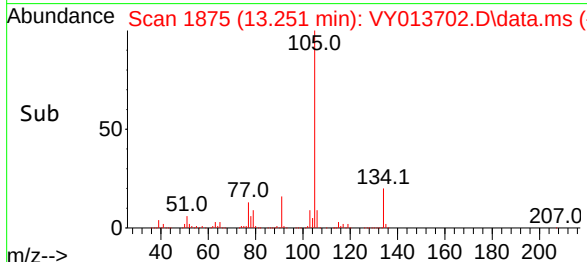
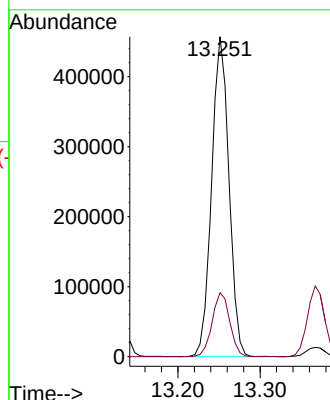
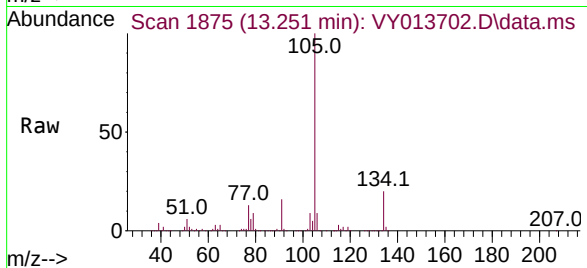
VSTDCCC050EC

Tgt Ion:105 Resp: 668161

Ion Ratio Lower Upper

105 100

134 20.3 10.3 30.9



#86

p-Isopropyltoluene

Concen: 53.502 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013702.D

Acq: 10 May 2023 20:45

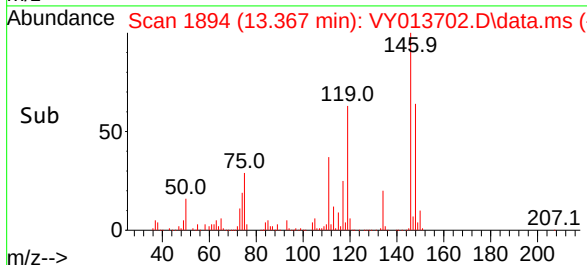
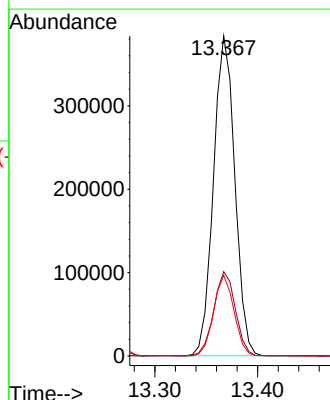
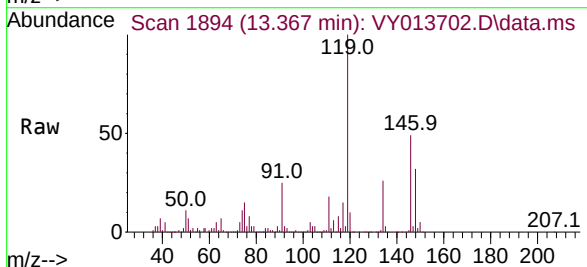
Tgt Ion:119 Resp: 552848

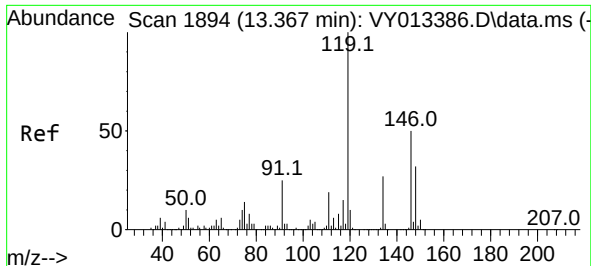
Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.2

91 24.3 12.1 36.3

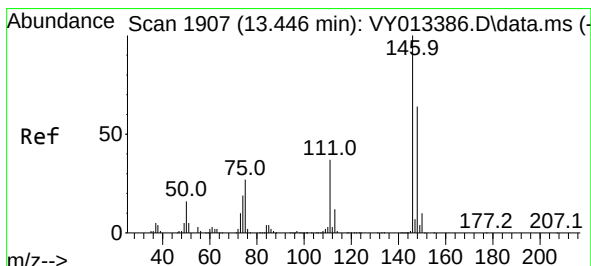
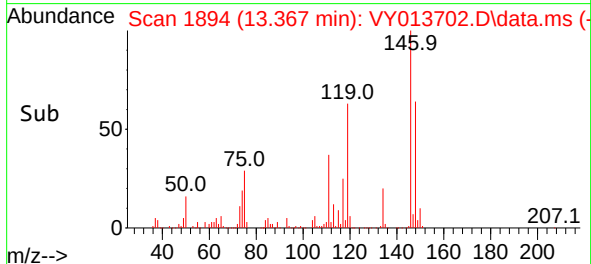
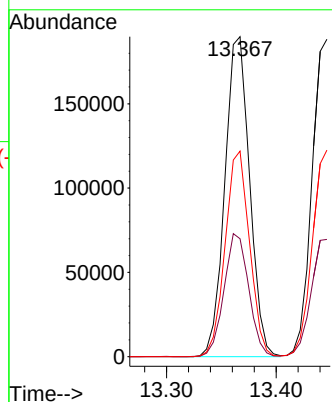
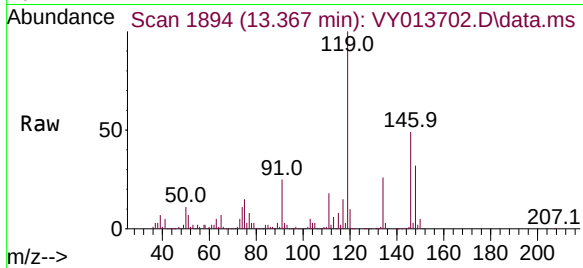




#87
1,3-Dichlorobenzene
Concen: 53.284 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY013702.D
Acq: 10 May 2023 20:45

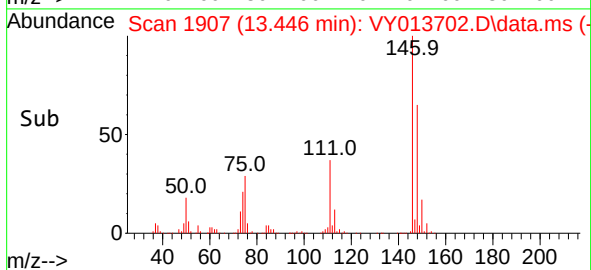
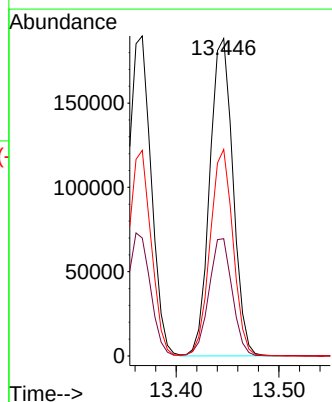
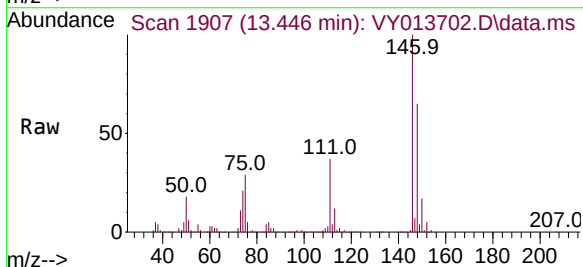
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

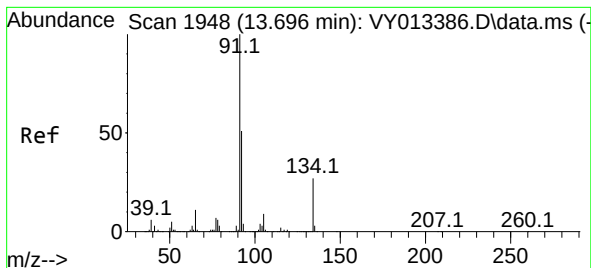
Tgt Ion:146 Resp: 297818
Ion Ratio Lower Upper
146 100
111 38.4 19.3 57.9
148 63.3 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 52.269 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY013702.D
Acq: 10 May 2023 20:45

Tgt Ion:146 Resp: 295113
Ion Ratio Lower Upper
146 100
111 37.0 18.9 56.5
148 64.3 31.9 95.5





#89

n-Butylbenzene

Concen: 51.925 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013702.D

Acq: 10 May 2023 20:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

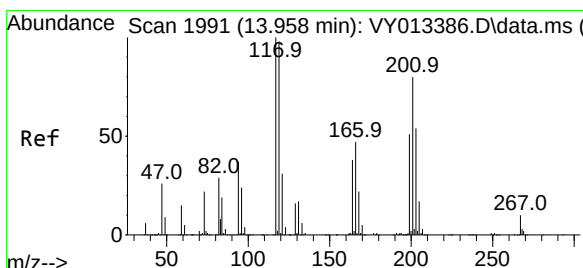
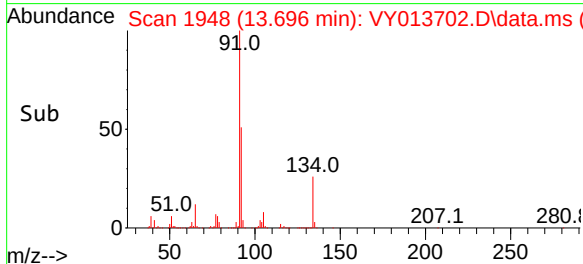
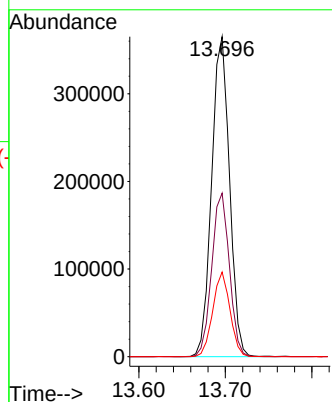
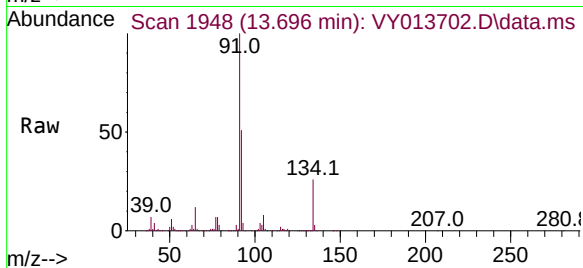
Tgt Ion: 91 Resp: 523675

Ion Ratio Lower Upper

91 100

92 50.5 25.8 77.3

134 25.5 13.5 40.4



#90

Hexachloroethane

Concen: 51.034 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY013702.D

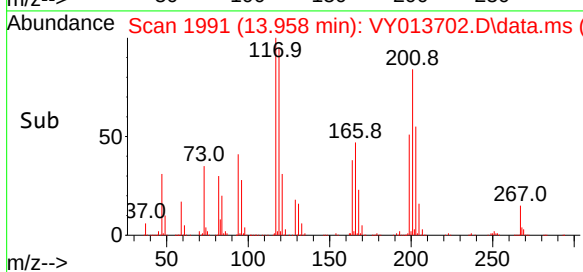
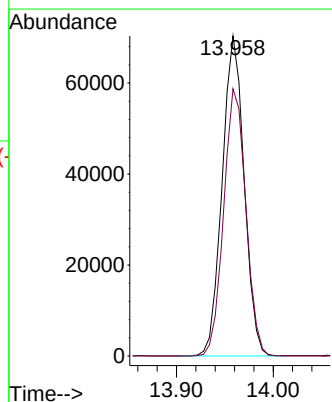
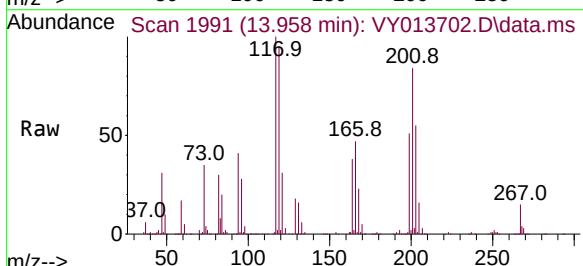
Acq: 10 May 2023 20:45

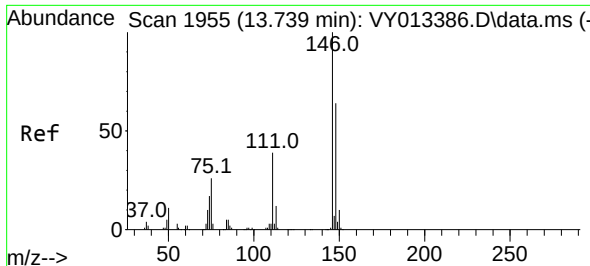
Tgt Ion: 117 Resp: 110987

Ion Ratio Lower Upper

117 100

201 84.2 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 53.736 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY013702.D

Acq: 10 May 2023 20:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

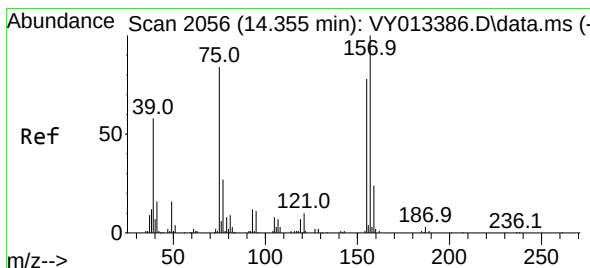
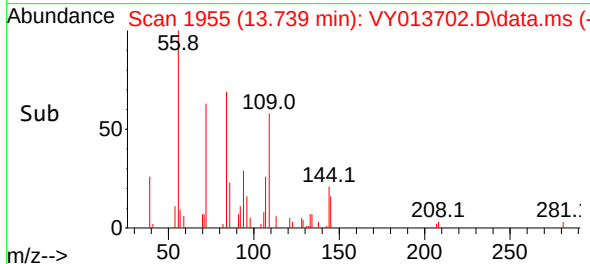
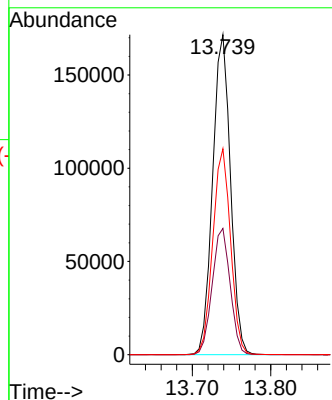
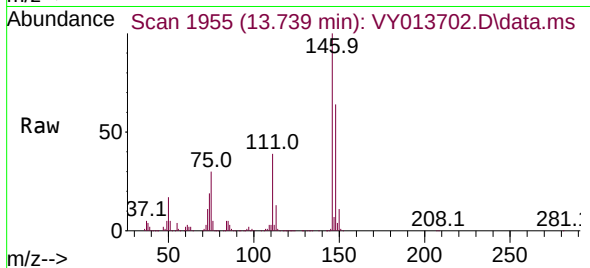
Tgt Ion:146 Resp: 271217

Ion Ratio Lower Upper

146 100

111 39.8 19.8 59.4

148 64.2 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.262 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY013702.D

Acq: 10 May 2023 20:45

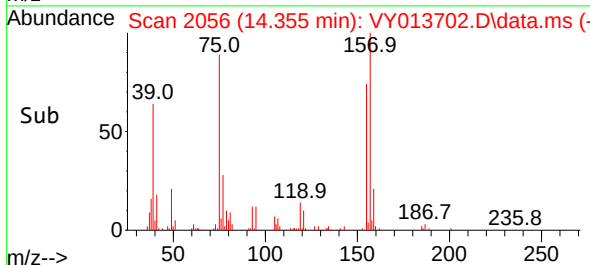
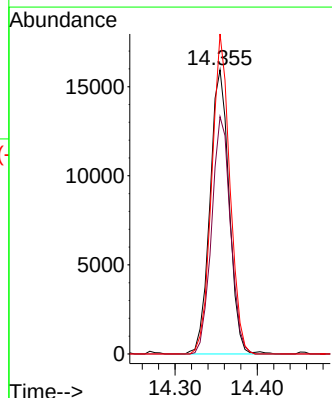
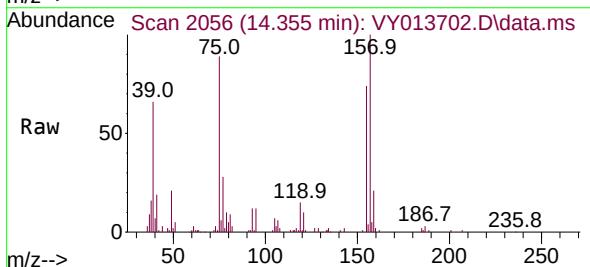
Tgt Ion: 75 Resp: 25748

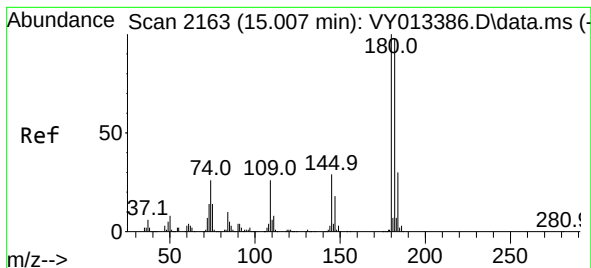
Ion Ratio Lower Upper

75 100

155 82.2 44.6 134.0

157 107.0 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 55.678 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY013702.D

Acq: 10 May 2023 20:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

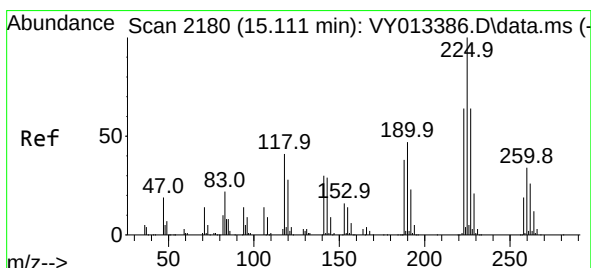
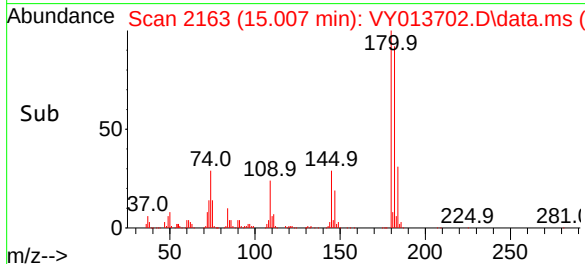
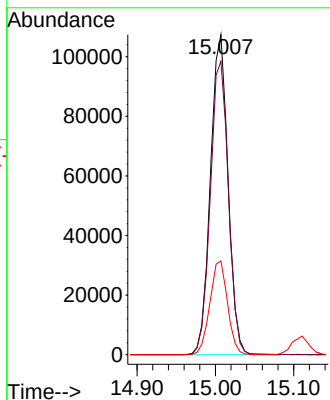
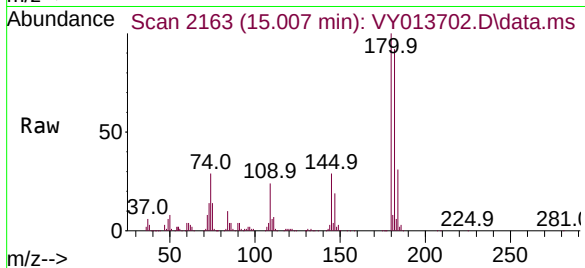
Tgt Ion:180 Resp: 167547

Ion Ratio Lower Upper

180 100

182 93.8 48.5 145.5

145 29.3 15.0 45.0



#94

Hexachlorobutadiene

Concen: 57.392 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013702.D

Acq: 10 May 2023 20:45

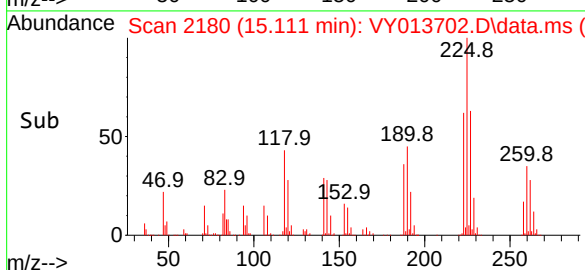
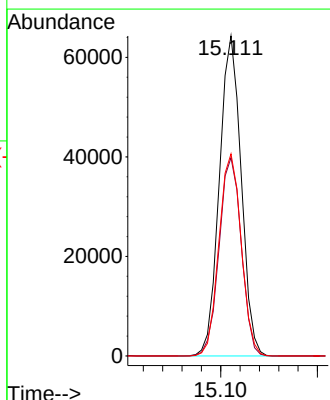
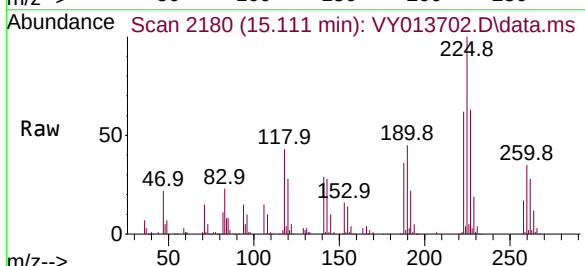
Tgt Ion:225 Resp: 100512

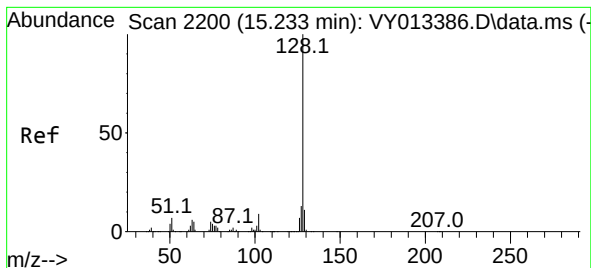
Ion Ratio Lower Upper

225 100

223 62.8 31.4 94.2

227 64.4 32.0 96.0





#95

Naphthalene

Concen: 53.683 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY013702.D

Acq: 10 May 2023 20:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

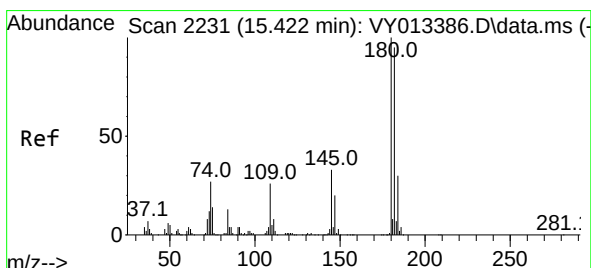
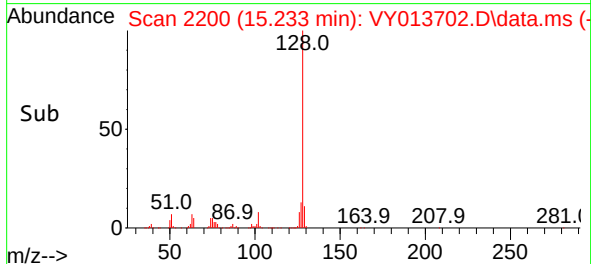
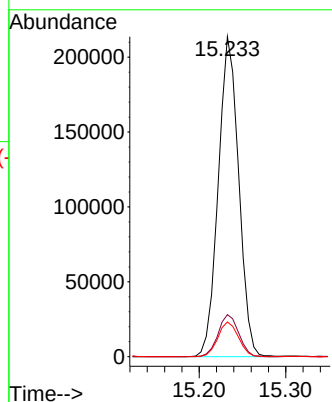
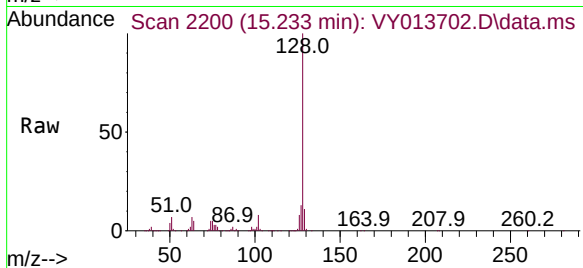
Tgt Ion:128 Resp: 350505

Ion Ratio Lower Upper

128 100

127 13.3 10.7 16.1

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 56.804 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013702.D

Acq: 10 May 2023 20:45

Tgt Ion:180 Resp: 152354

Ion Ratio Lower Upper

180 100

182 95.2 47.1 141.3

145 30.9 15.9 47.7

