

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110124\
 Data File : VY020113.D
 Acq On : 01 Nov 2024 11:35
 Operator : SY/MD
 Sample : P4611-01
 Misc : 4.23g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 01 16:02:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

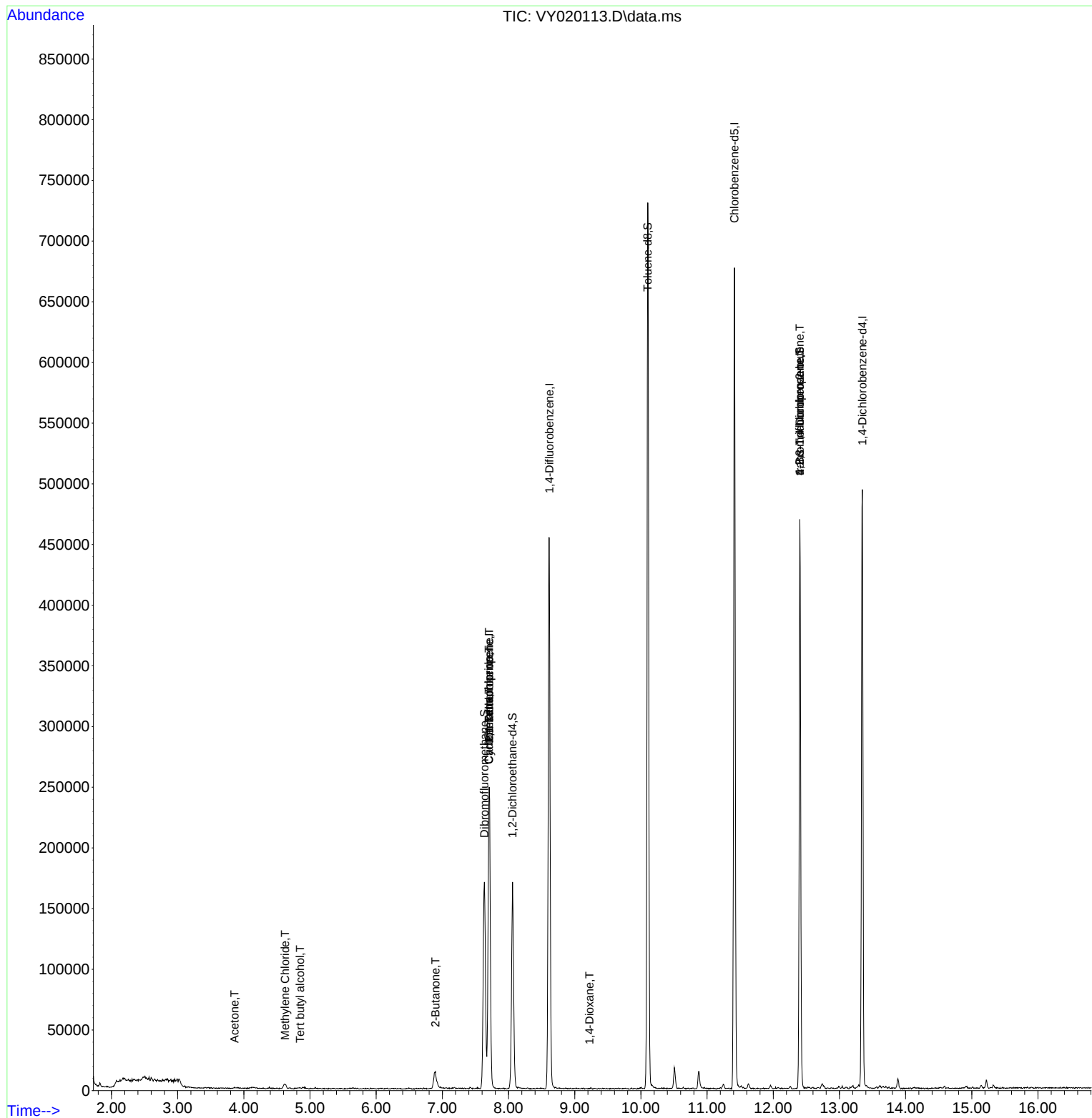
Internal Standards						
1) Pentafluorobenzene	7.707	168	175147	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	365073	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	327257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	112684	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	122950	56.246	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.500%
35) Dibromofluoromethane	7.634	113	120462	51.898	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.800%
50) Toluene-d8	10.103	98	453552	49.090	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.180%
62) 4-Bromofluorobenzene	12.402	95	134084	44.680	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	89.360%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.848	59	559	3.555	ug/l	# 88
16) Acetone	3.860	43	1101	2.166	ug/l	# 49
20) Methylene Chloride	4.622	84	2478	1.085	ug/l	# 86
25) 2-Butanone	6.896	43	1266	1.837	ug/l	# 41
31) Cyclohexane	7.701	56	5326	1.343	ug/l	# 35
36) 1,1-Dichloropropene	7.707	75	18274	5.097	ug/l	# 47
38) Carbon Tetrachloride	7.701	117	20628	5.721	ug/l	# 16
49) 1,4-Dioxane	9.225	88	20	1.432	ug/l	# 20
76) 1,2,3-Trichloropropane	12.402	75	80149	75.877	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.402	75	80149	163.210	ug/l	# 16

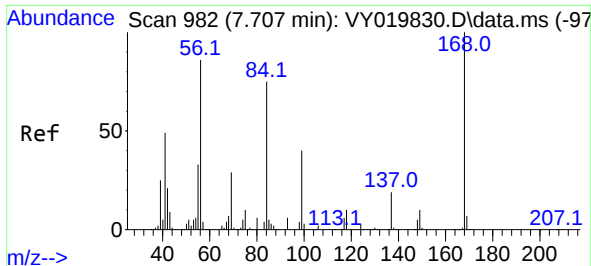
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110124\
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MSVOA_Y
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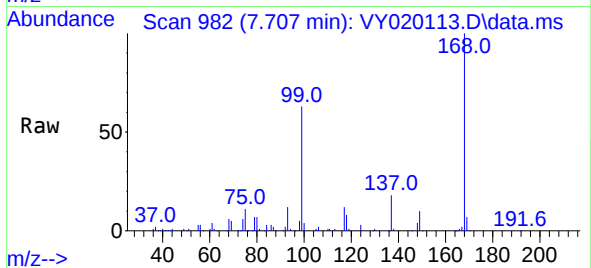
Quant Time: Nov 01 16:02:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
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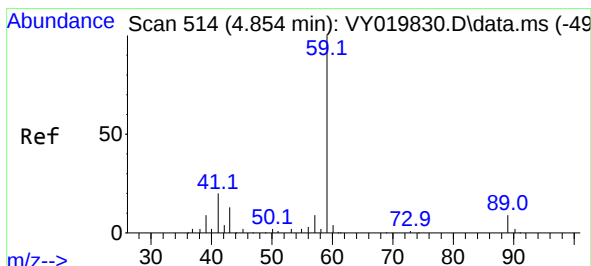
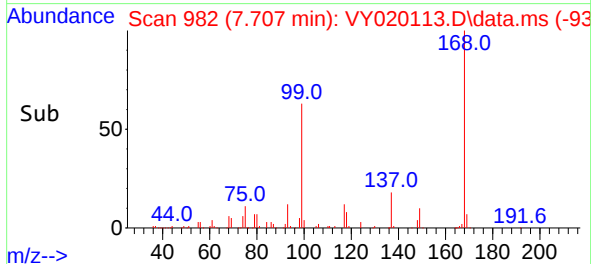
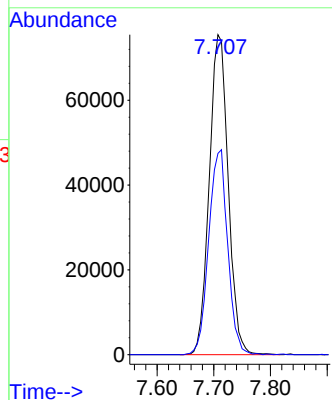


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020113.D
Acq: 01 Nov 2024 11:35

Instrument :
MSVOA_Y
ClientSampleId :

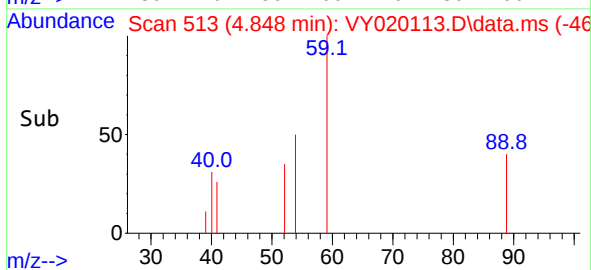
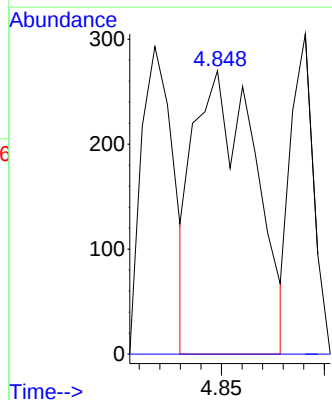
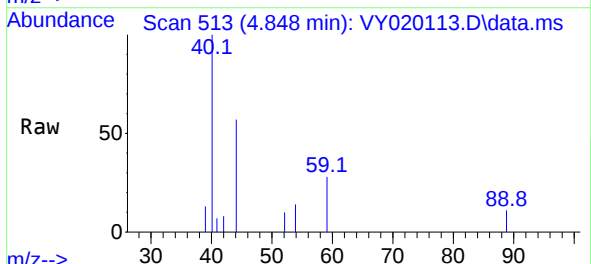


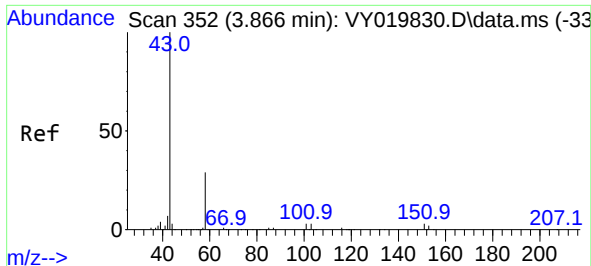
Tgt Ion:168 Resp: 175147
Ion Ratio Lower Upper
168 100
99 62.9 39.1 58.7#



#11
Tert butyl alcohol
Concen: 3.555 ug/l
RT: 4.848 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY020113.D
Acq: 01 Nov 2024 11:35

Tgt Ion: 59 Resp: 559
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

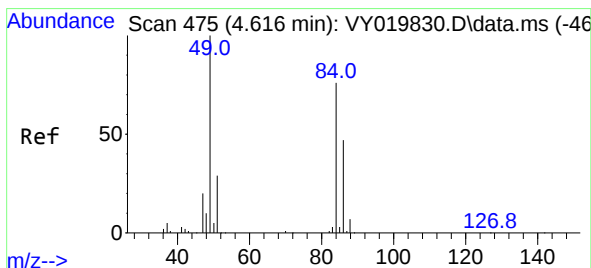
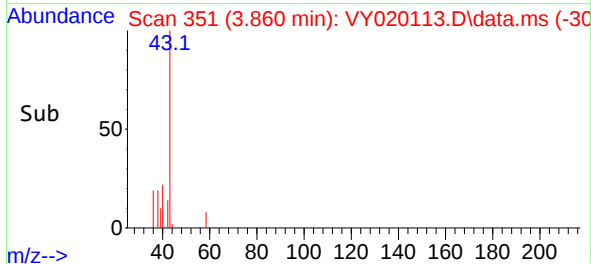
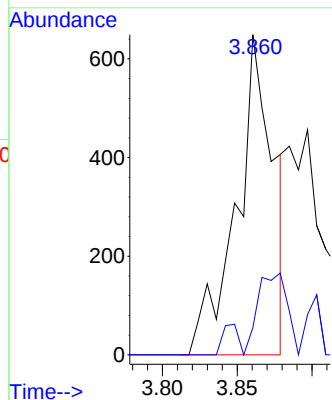
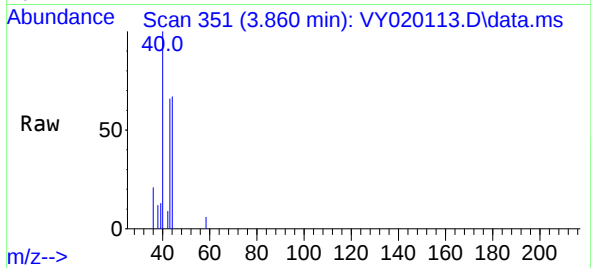




#16
Acetone
Concen: 2.166 ug/l
RT: 3.860 min Scan# 311
Delta R.T. -0.012 min
Lab File: VY020113.D
Acq: 01 Nov 2024 11:35

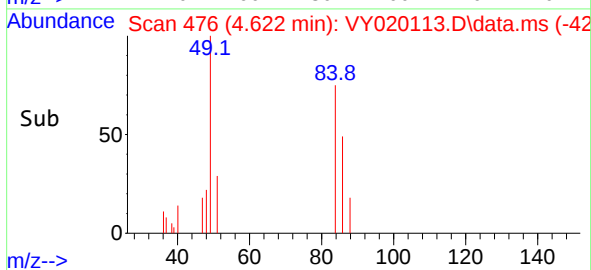
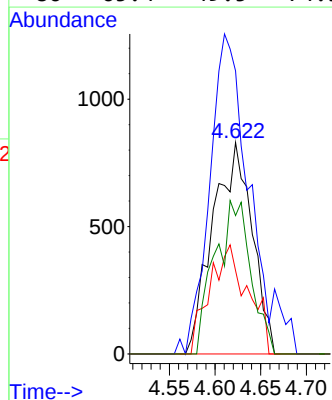
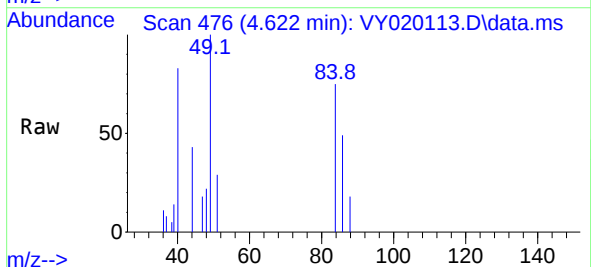
Instrument :
MSVOA_Y
ClientSampleId :

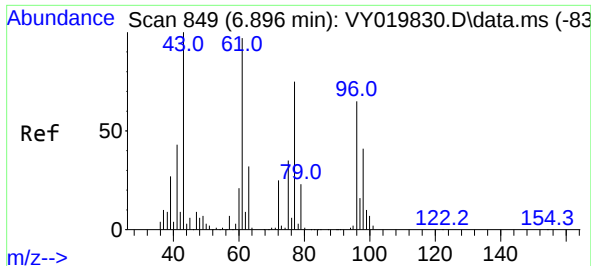
Tgt Ion: 43 Resp: 1101
Ion Ratio Lower Upper
43 100
58 8.5 31.7 47.5#



#20
Methylene Chloride
Concen: 1.085 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY020113.D
Acq: 01 Nov 2024 11:35

Tgt Ion: 84 Resp: 2478
Ion Ratio Lower Upper
84 100
49 126.9 84.4 126.6#
51 39.4 26.0 39.0#
86 65.4 49.5 74.3

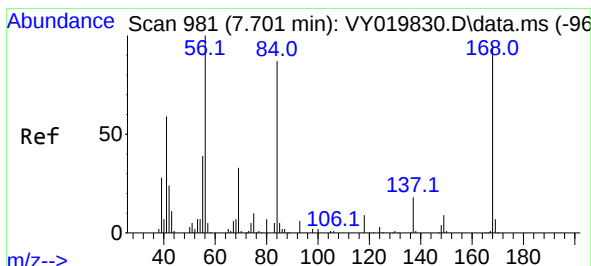
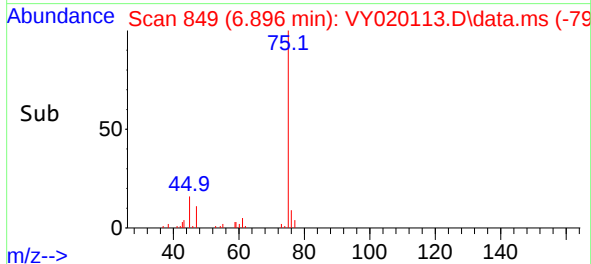
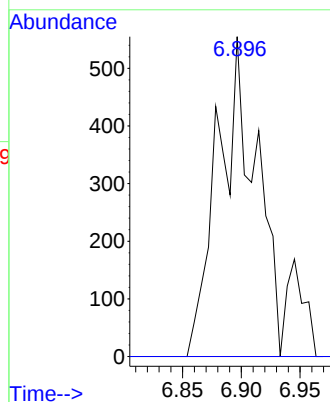
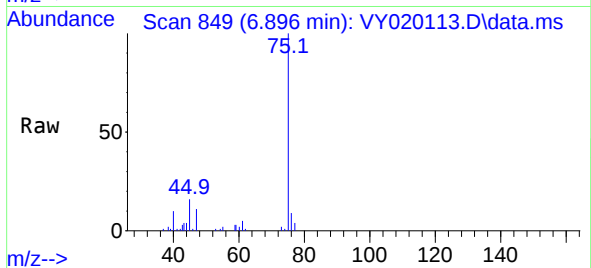




#25
2-Butanone
Concen: 1.837 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY020113.D
Acq: 01 Nov 2024 11:35

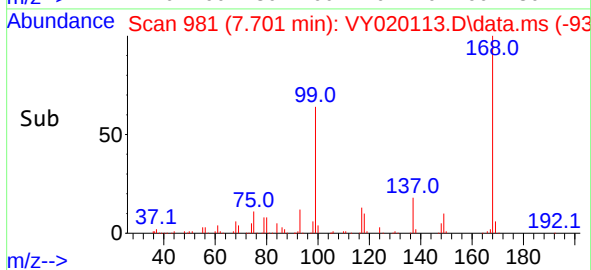
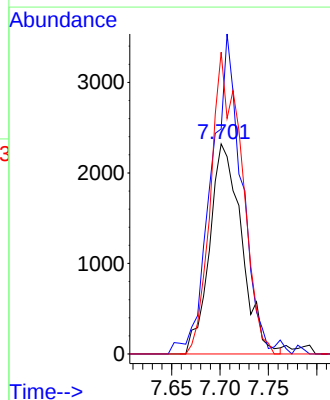
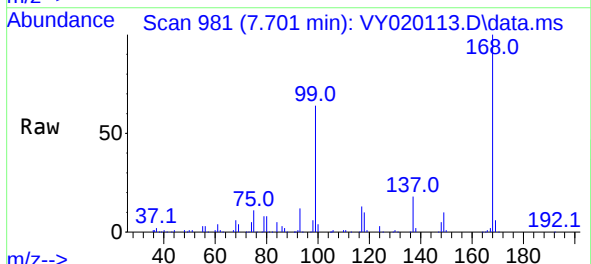
Instrument :
MSVOA_Y
ClientSampleId :

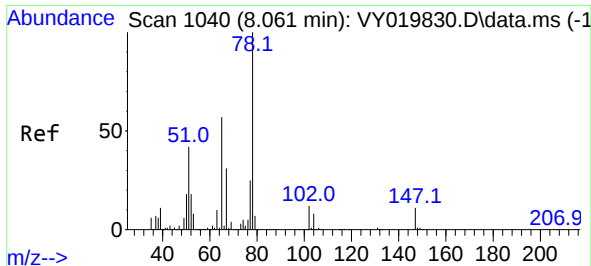
Tgt Ion: 43 Resp: 1266
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#31
Cyclohexane
Concen: 1.343 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY020113.D
Acq: 01 Nov 2024 11:35

Tgt Ion: 56 Resp: 5326
Ion Ratio Lower Upper
56 100
69 102.0 28.7 43.1#
84 143.6 77.7 116.5#

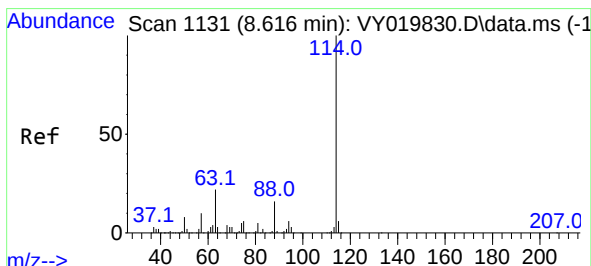
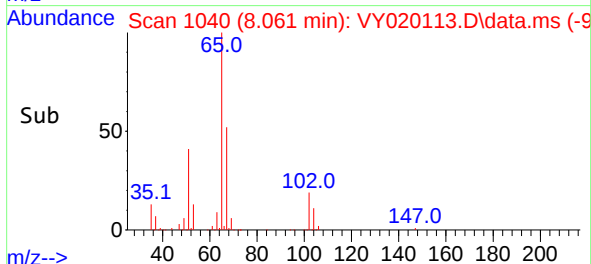
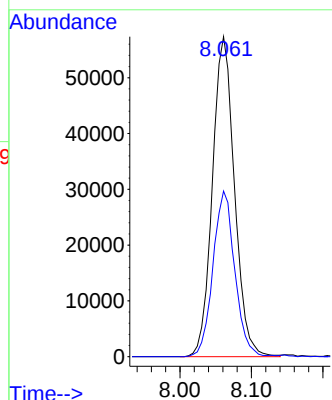
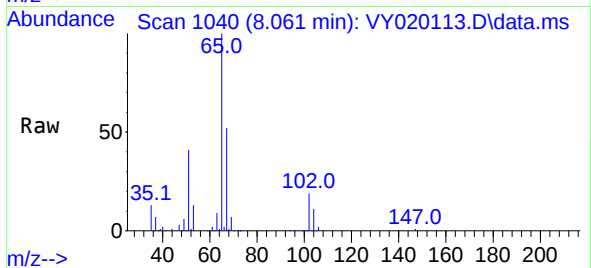




#33
1,2-Dichloroethane-d4
Concen: 56.246 ug/l
RT: 8.061 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VY020113.D
Acq: 01 Nov 2024 11:35

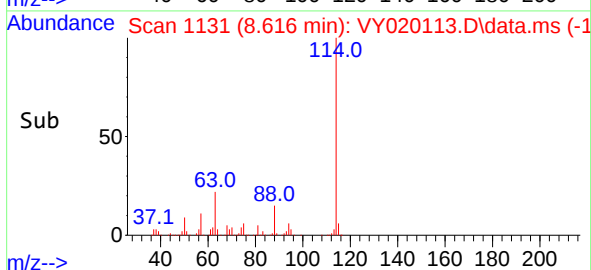
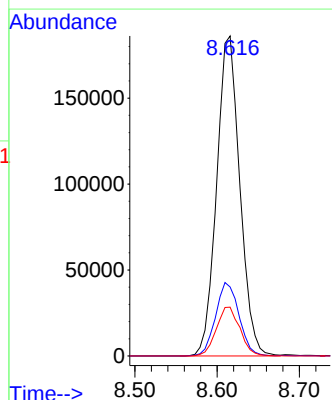
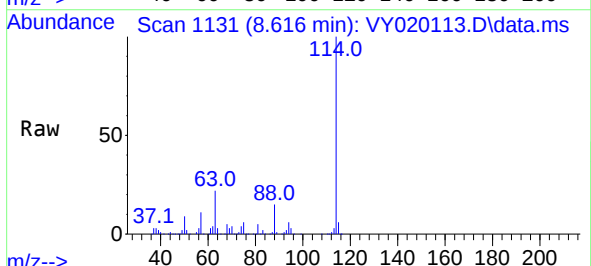
Instrument :
MSVOA_Y
ClientSampleId :

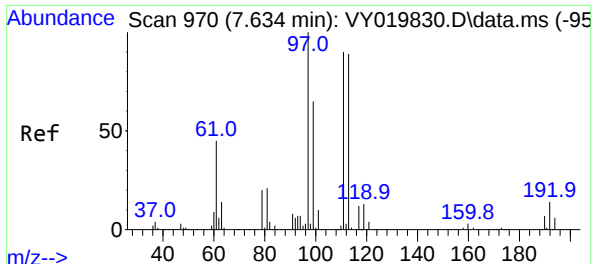
Tgt Ion: 65 Resp: 122950
Ion Ratio Lower Upper
65 100
67 51.1 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020113.D
Acq: 01 Nov 2024 11:35

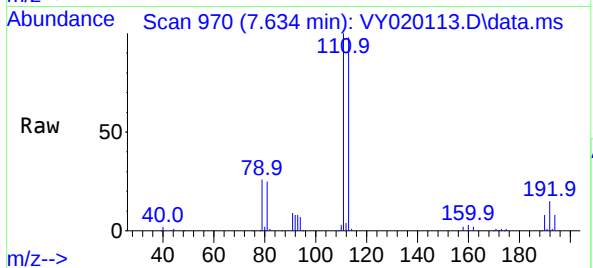
Tgt Ion:114 Resp: 365073
Ion Ratio Lower Upper
114 100
63 21.6 0.0 35.0
88 15.3 0.0 27.2



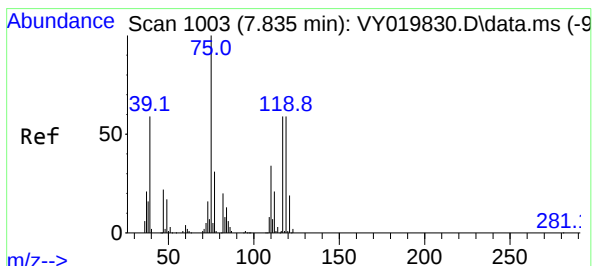
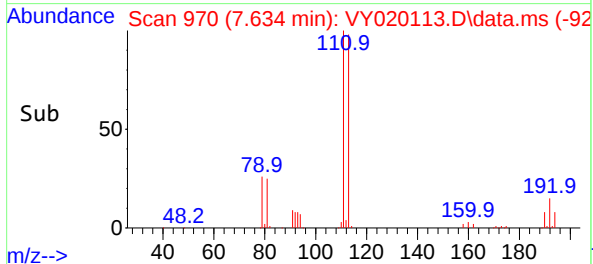
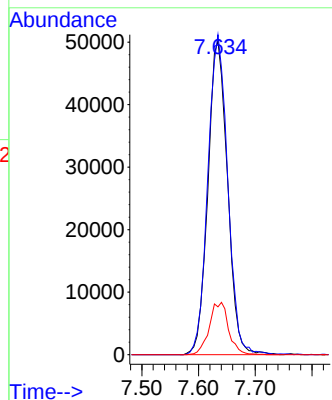


#35
Dibromofluoromethane
Concen: 51.898 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020113.D
Acq: 01 Nov 2024 11:35

Instrument :
MSVOA_Y
ClientSampleId :

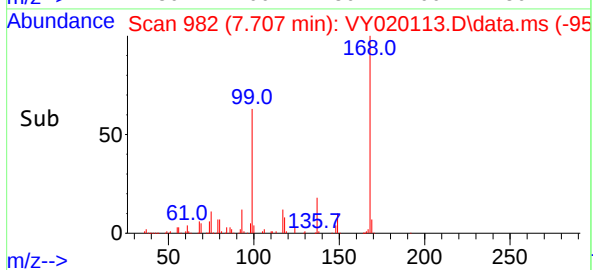
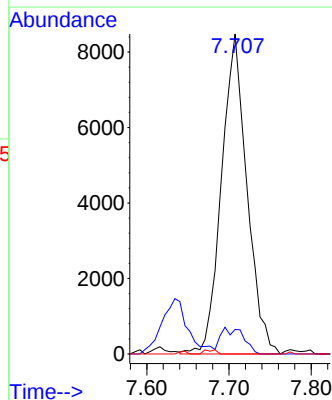
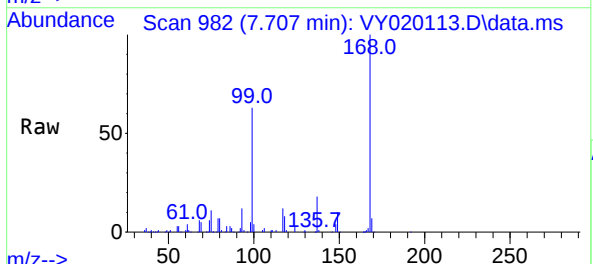


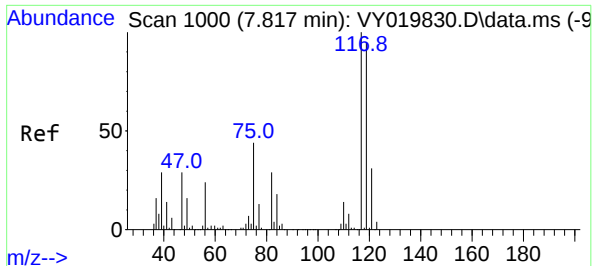
Tgt Ion:113 Resp: 120462
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.4
192 16.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.097 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY020113.D
Acq: 01 Nov 2024 11:35

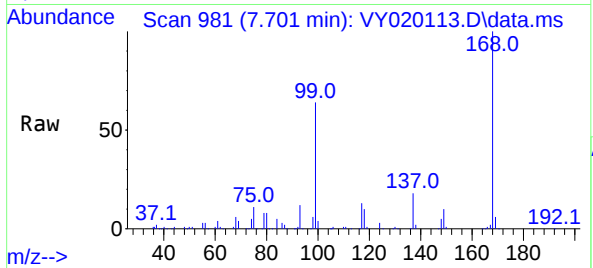
Tgt Ion: 75 Resp: 18274
Ion Ratio Lower Upper
75 100
110 8.0 19.0 57.0#
77 0.0 25.3 37.9#



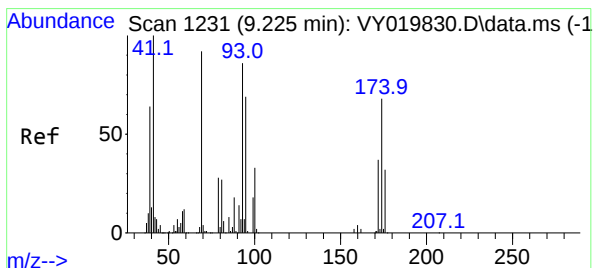
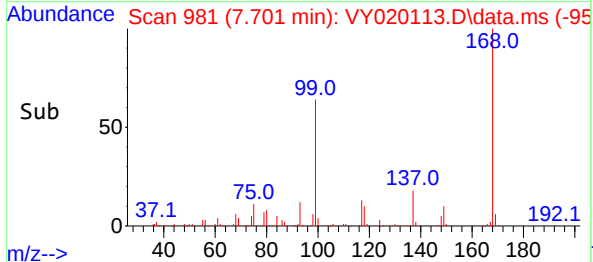
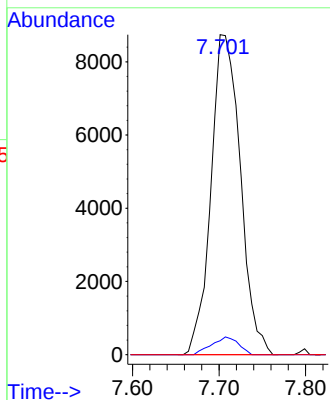


#38
Carbon Tetrachloride
Concen: 5.721 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.115 min
Lab File: VY020113.D
Acq: 01 Nov 2024 11:35

Instrument :
MSVOA_Y
ClientSampleId :

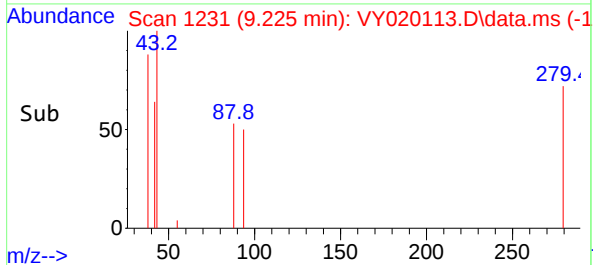
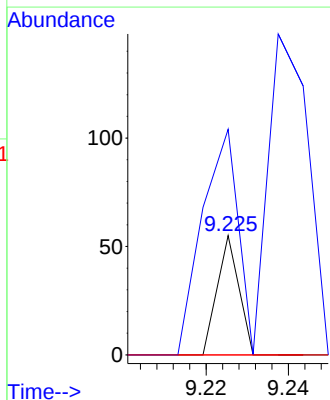
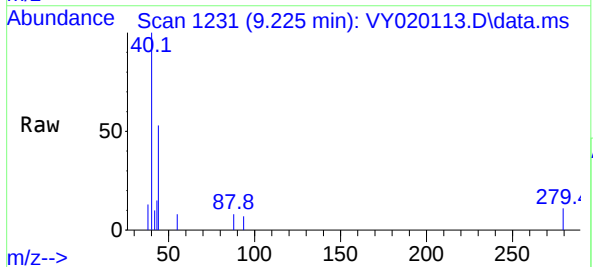


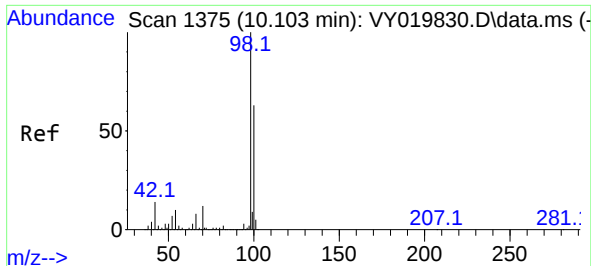
Tgt Ion:117 Resp: 20628
Ion Ratio Lower Upper
117 100
119 4.3 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 1.432 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.006 min
Lab File: VY020113.D
Acq: 01 Nov 2024 11:35

Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 315.0 0.0 0.0#
58 0.0 49.3 73.9#

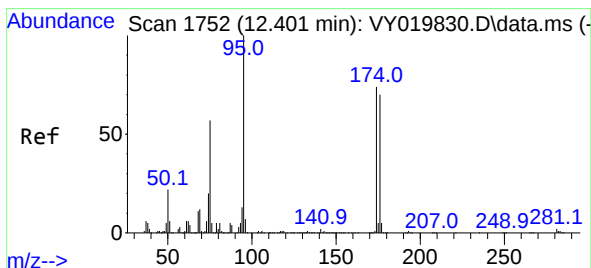
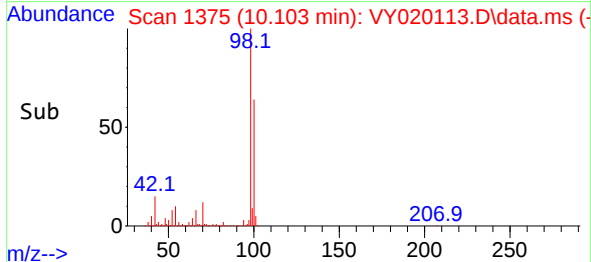
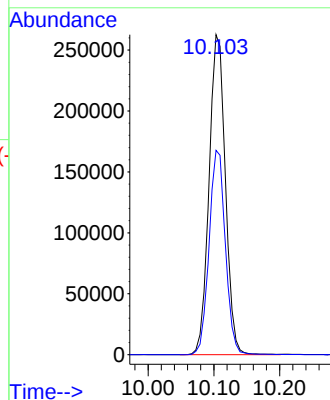
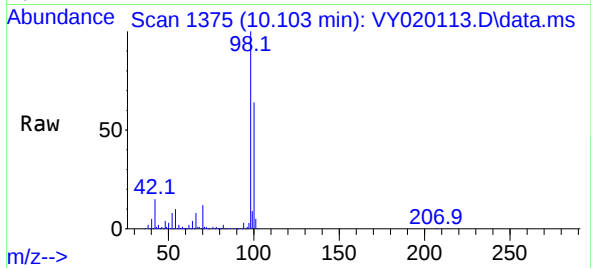




#50
Toluene-d8
Concen: 49.090 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020113.D
Acq: 01 Nov 2024 11:35

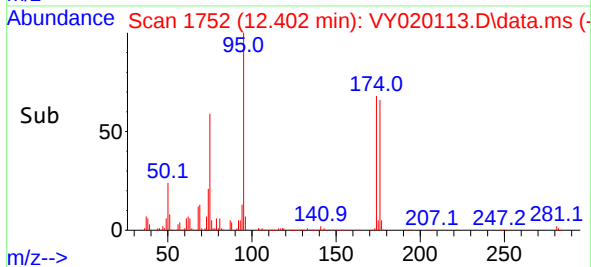
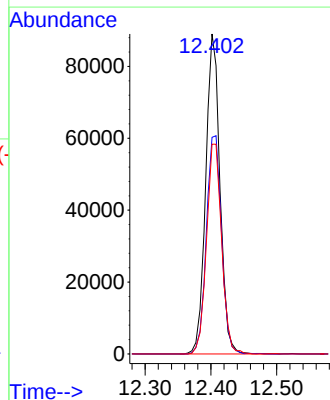
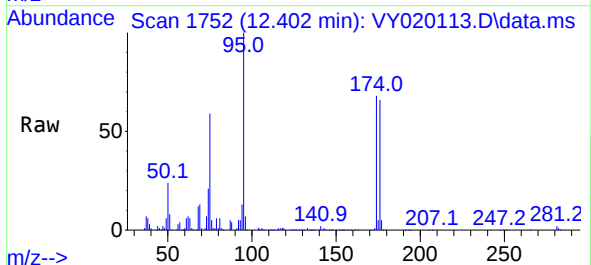
Instrument :
MSVOA_Y
ClientSampleId :

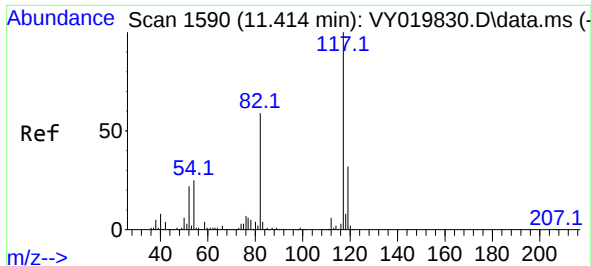
Tgt Ion: 98 Resp: 453552
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.680 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY020113.D
Acq: 01 Nov 2024 11:35

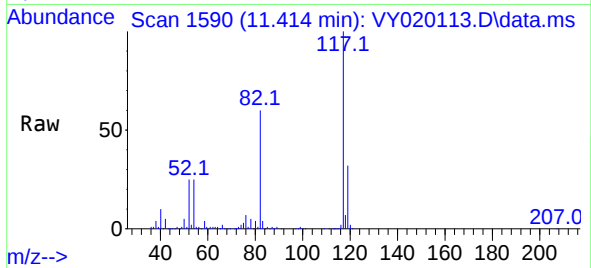
Tgt Ion: 95 Resp: 134084
Ion Ratio Lower Upper
95 100
174 72.6 0.0 175.6
176 69.4 0.0 171.4



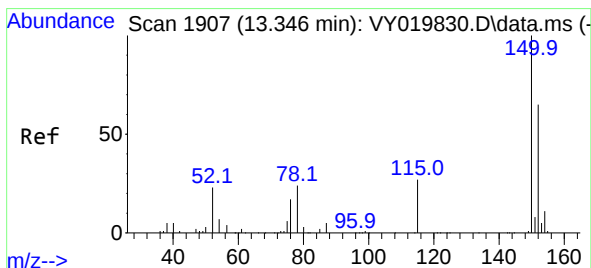
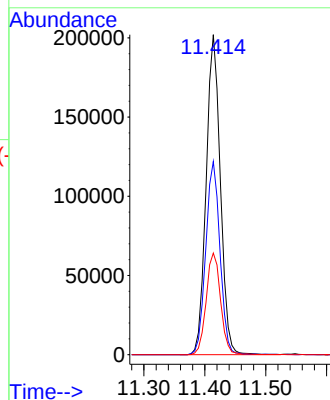
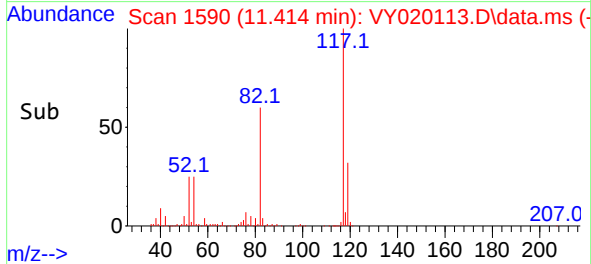


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020113.D
Acq: 01 Nov 2024 11:35

Instrument :
MSVOA_Y
ClientSampleId :

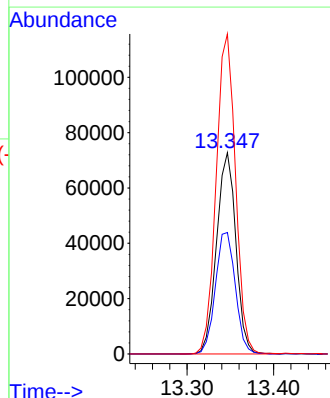
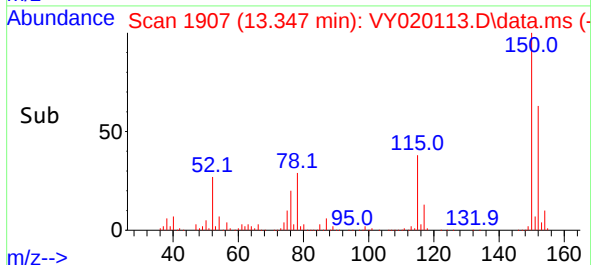
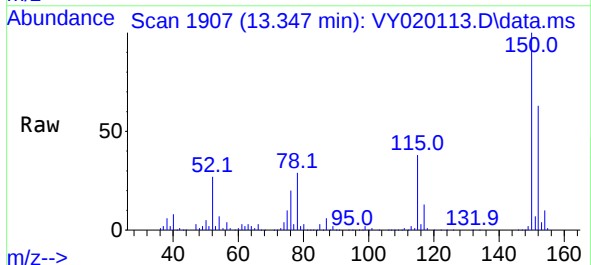


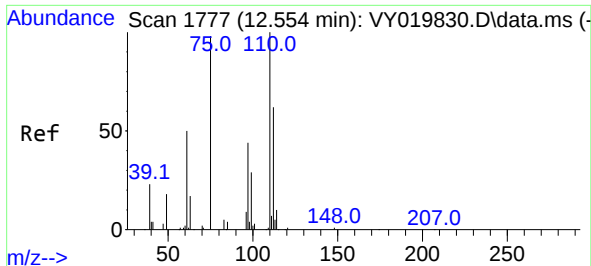
Tgt Ion:117 Resp: 327257
Ion Ratio Lower Upper
117 100
82 60.4 42.4 63.6
119 31.8 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY020113.D
Acq: 01 Nov 2024 11:35

Tgt Ion:152 Resp: 112684
Ion Ratio Lower Upper
152 100
115 62.5 28.2 84.7
150 159.1 0.0 345.6

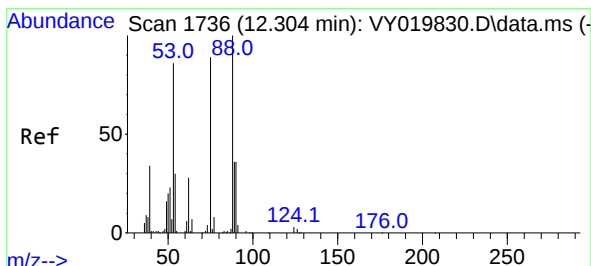
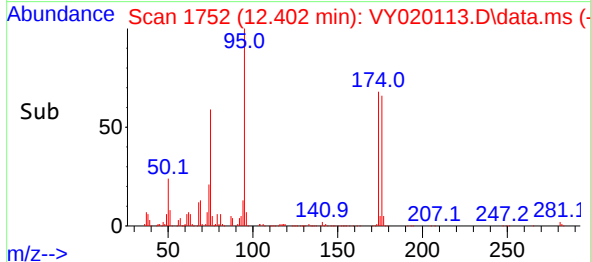
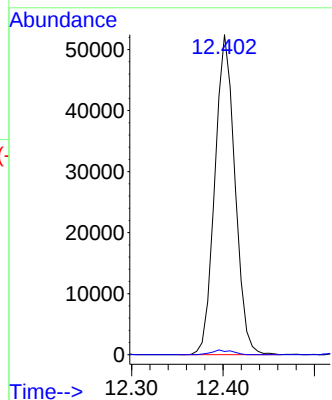
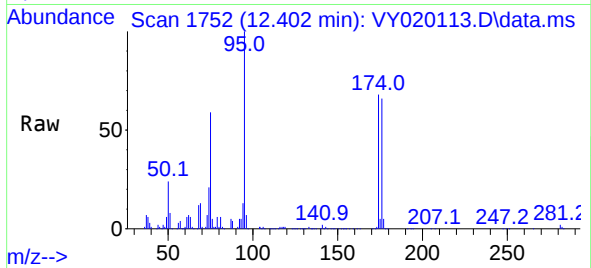




#76
1,2,3-Trichloropropane
Concen: 75.877 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY020113.D
Acq: 01 Nov 2024 11:35

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 80149
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 163.210 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY020113.D
Acq: 01 Nov 2024 11:35

Tgt Ion: 75 Resp: 80149
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#

