

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110124\
 Data File : VY020130.D
 Acq On : 01 Nov 2024 19:27
 Operator : SY/MD
 Sample : P4663-05
 Misc : 7.16g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 04 00:52:28 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	159663	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	335103	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	302177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	103950	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	113327	56.871	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.740%	
35) Dibromofluoromethane	7.634	113	109596	51.440	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.880%	
50) Toluene-d8	10.103	98	421703	49.725	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.460%	
62) 4-Bromofluorobenzene	12.401	95	121935	44.265	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 88.540%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.854	59	412	2.874	ug/l	# 88
16) Acetone	3.873	43	608	1.312	ug/l	# 64
20) Methylene Chloride	4.616	84	13159	6.321	ug/l	# 73
31) Cyclohexane	7.707	56	5146	1.423	ug/l	# 19
36) 1,1-Dichloropropene	7.707	75	16179	4.916	ug/l	# 48
38) Carbon Tetrachloride	7.707	117	17956	5.425	ug/l	# 16
51) 4-Methyl-2-Pentanone	10.103	43	2422	1.558	ug/l	# 1
76) 1,2,3-Trichloropropane	12.401	75	72318	74.216	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.401	75	72318	159.637	ug/l	# 16

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

Quant Time: Nov 04 00:52:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
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QLast Update : Thu Oct 31 15:23:13 2024
Response via : Initial Calibration

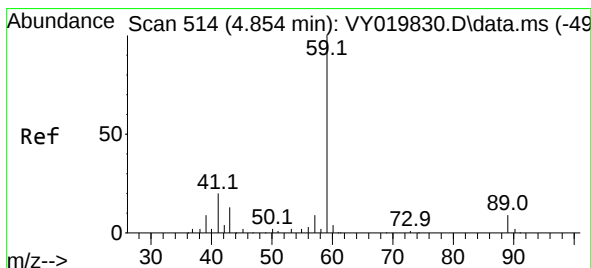
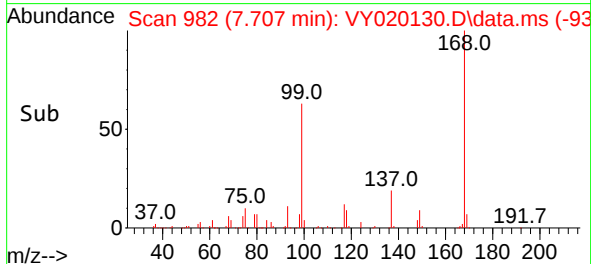
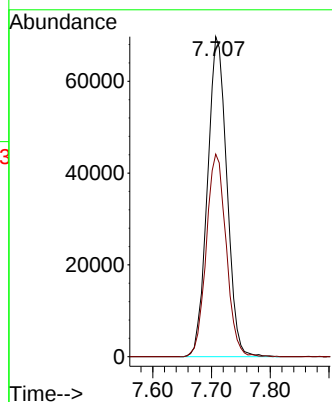
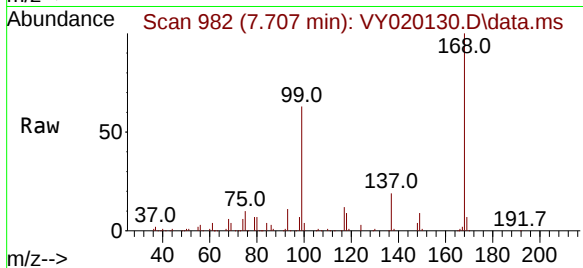




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020130.D
Acq: 01 Nov 2024 19:27

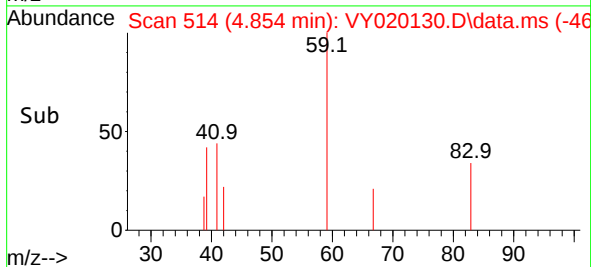
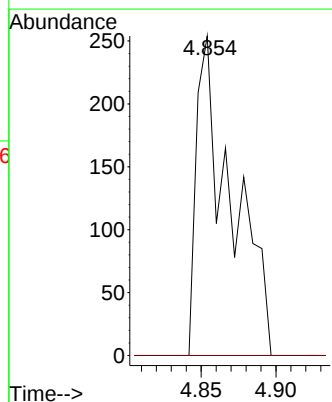
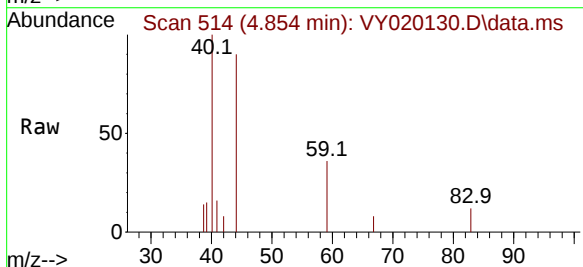
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 159663
Ion Ratio Lower Upper
168 100
99 63.3 39.1 58.7#



#11
Tert butyl alcohol
Concen: 2.874 ug/l
RT: 4.854 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY020130.D
Acq: 01 Nov 2024 19:27

Tgt Ion: 59 Resp: 412
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

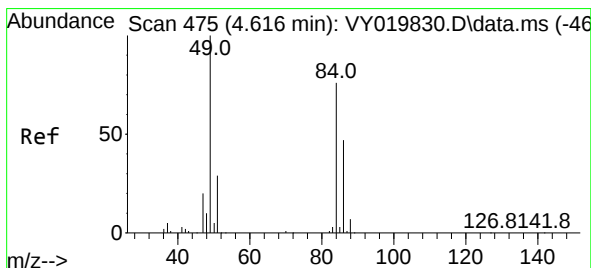
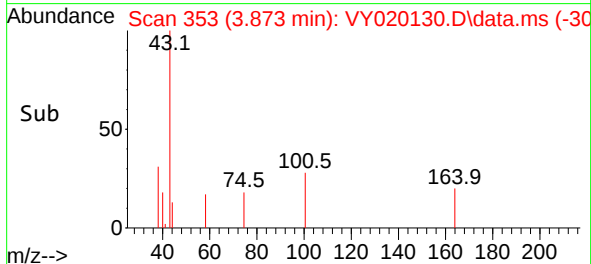
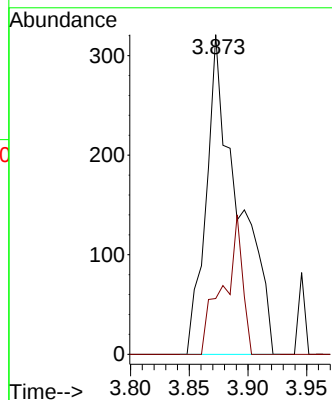
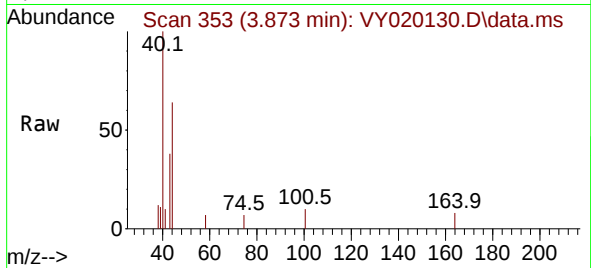




#16
Acetone
Concen: 1.312 ug/l
RT: 3.873 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY020130.D
Acq: 01 Nov 2024 19:27

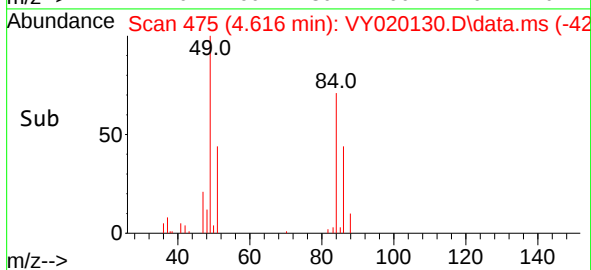
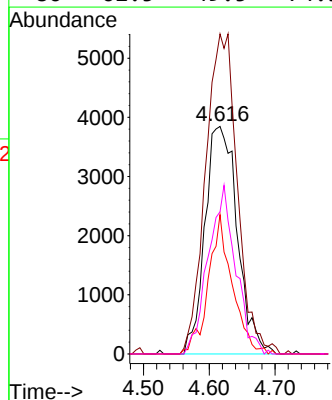
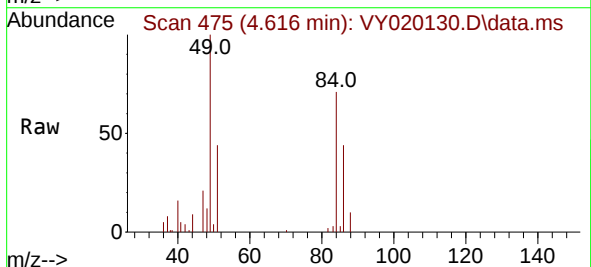
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MSVOA_Y
ClientSampleId :

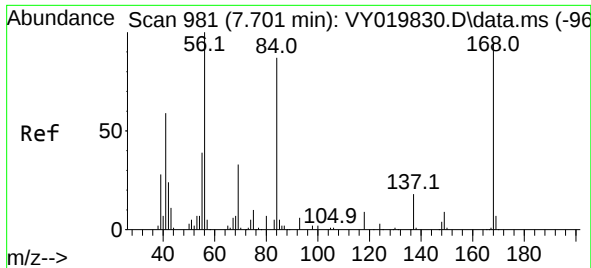
Tgt Ion: 43 Resp: 608
Ion Ratio Lower Upper
43 100
58 17.4 31.7 47.5#



#20
Methylene Chloride
Concen: 6.321 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY020130.D
Acq: 01 Nov 2024 19:27

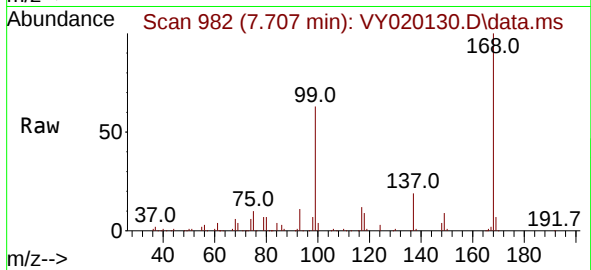
Tgt Ion: 84 Resp: 13159
Ion Ratio Lower Upper
84 100
49 140.6 84.4 126.6#
51 61.3 26.0 39.0#
86 62.5 49.5 74.3



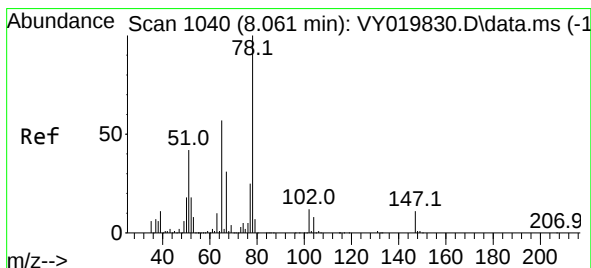
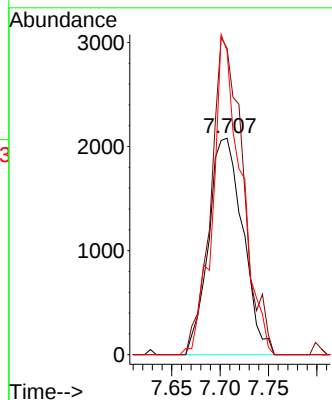
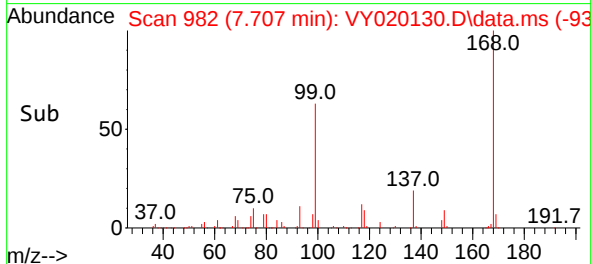


#31
Cyclohexane
Concen: 1.423 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY020130.D
Acq: 01 Nov 2024 19:27

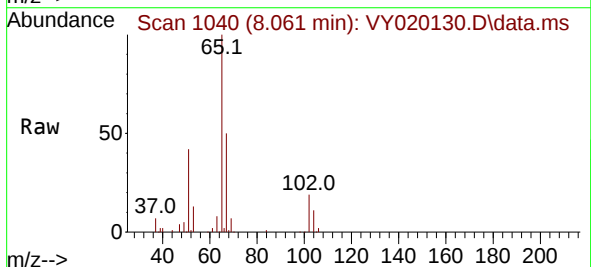
Instrument :
MSVOA_Y
ClientSampleId :



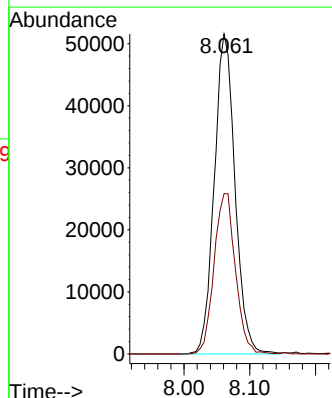
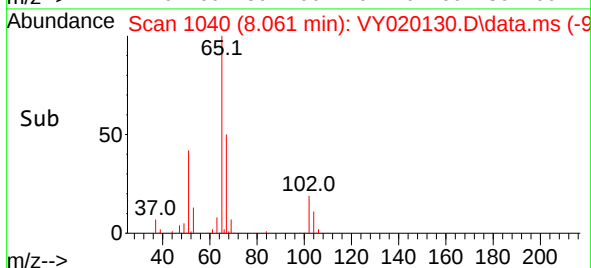
Tgt Ion: 56 Resp: 5146
Ion Ratio Lower Upper
56 100
69 141.5 28.7 43.1#
84 140.2 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 56.871 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020130.D
Acq: 01 Nov 2024 19:27



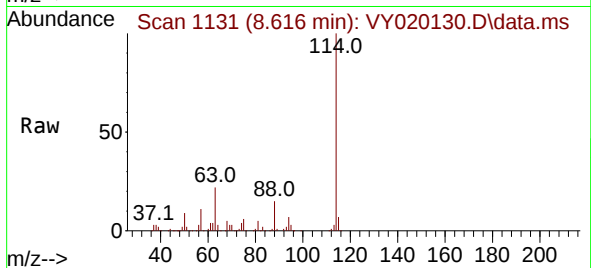
Tgt Ion: 65 Resp: 113327
Ion Ratio Lower Upper
65 100
67 51.6 0.0 109.6



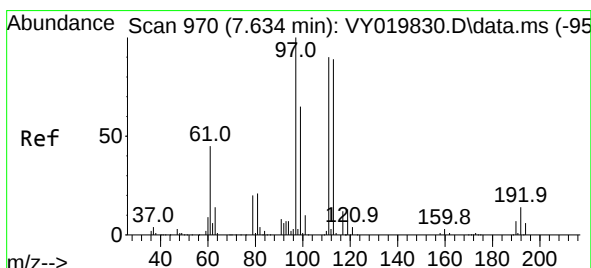
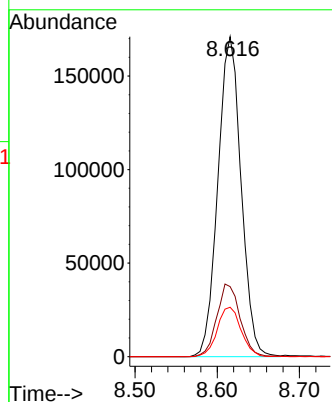
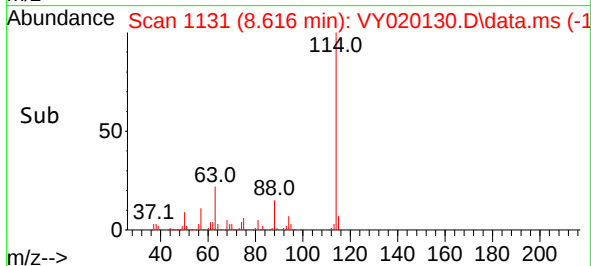


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020130.D
Acq: 01 Nov 2024 19:27

Instrument :
MSVOA_Y
ClientSampleId :

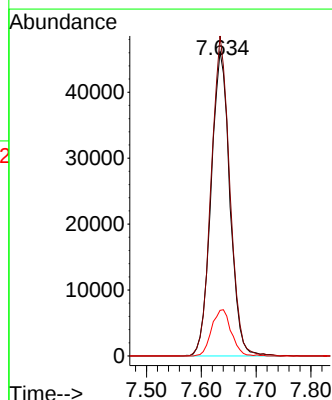
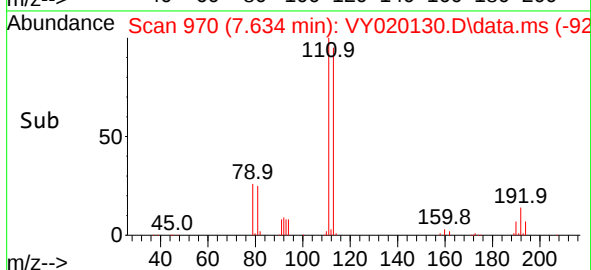
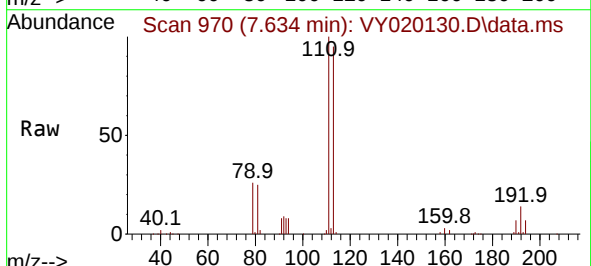


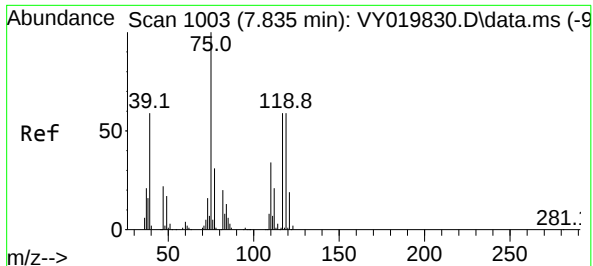
Tgt Ion:114 Resp: 335103
Ion Ratio Lower Upper
114 100
63 21.9 0.0 35.0
88 15.4 0.0 27.2



#35
Dibromofluoromethane
Concen: 51.440 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020130.D
Acq: 01 Nov 2024 19:27

Tgt Ion:113 Resp: 109596
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.4
192 15.8 15.9 23.9#





#36

1,1-Dichloropropene

Concen: 4.916 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

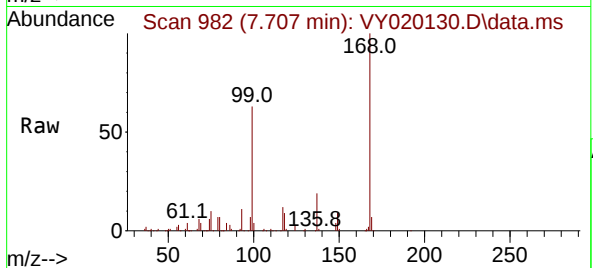
Lab File: VY020130.D

Acq: 01 Nov 2024 19:27

Instrument :

MSVOA_Y

ClientSampleId :



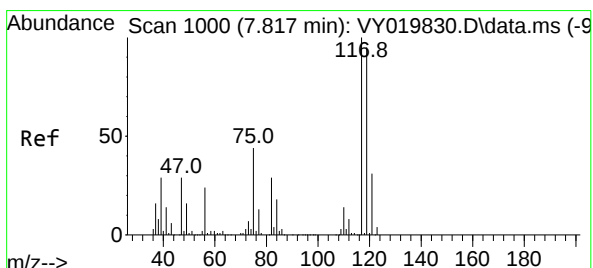
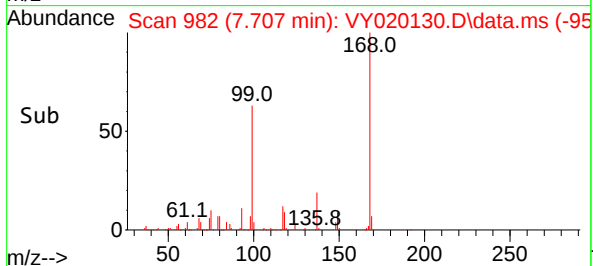
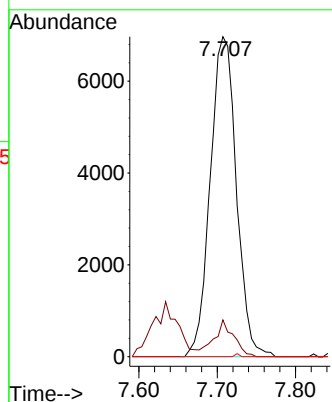
Tgt Ion: 75 Resp: 16179

Ion Ratio Lower Upper

75 100

110 8.6 19.0 57.0#

77 0.2 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.425 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.109 min

Lab File: VY020130.D

Acq: 01 Nov 2024 19:27

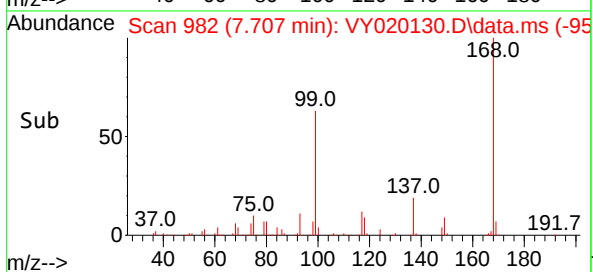
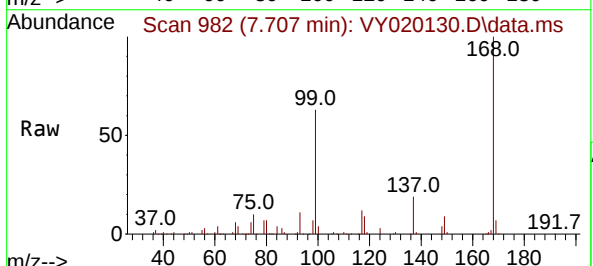
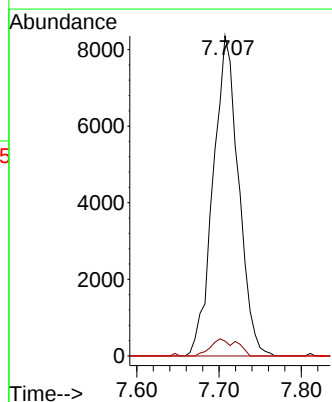
Tgt Ion: 117 Resp: 17956

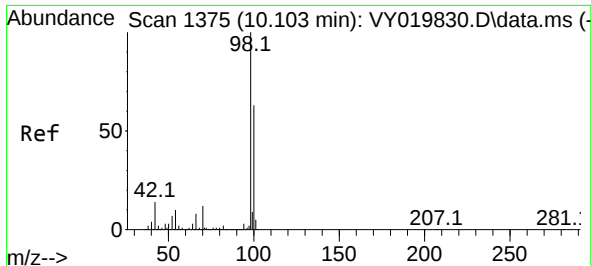
Ion Ratio Lower Upper

117 100

119 4.6 75.8 113.6#

121 0.0 24.0 36.0#

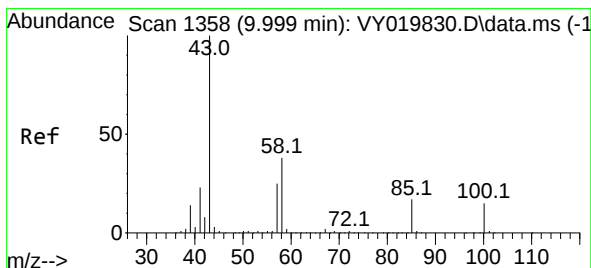
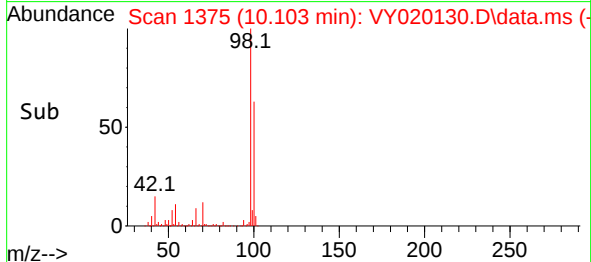
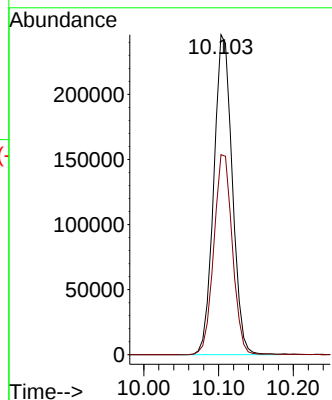
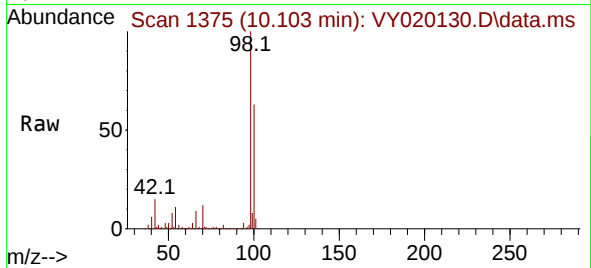




#50
Toluene-d8
Concen: 49.725 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY020130.D
Acq: 01 Nov 2024 19:27

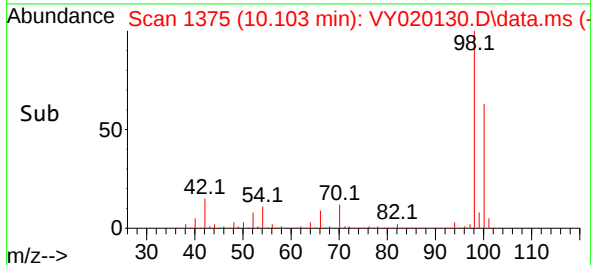
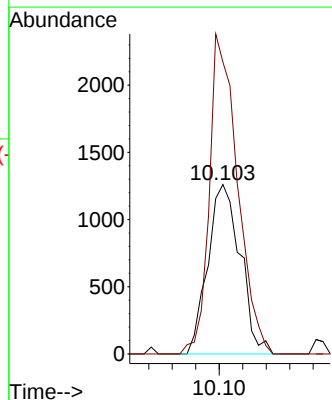
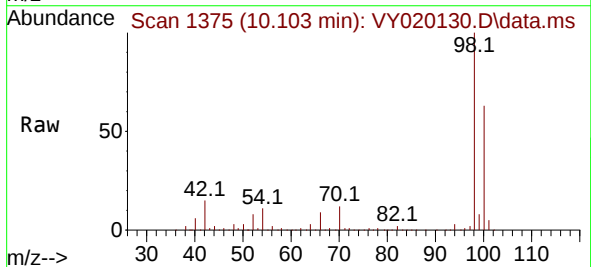
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 421703
Ion Ratio Lower Upper
98 100
100 62.7 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.558 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.104 min
Lab File: VY020130.D
Acq: 01 Nov 2024 19:27

Tgt Ion: 43 Resp: 2422
Ion Ratio Lower Upper
43 100
58 163.7 35.7 53.5

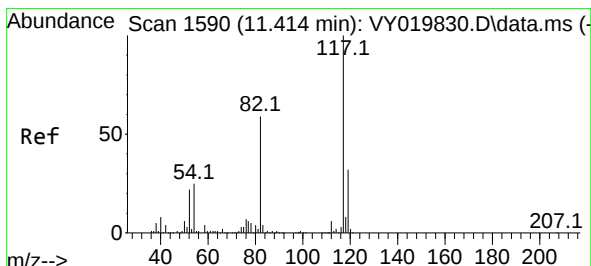
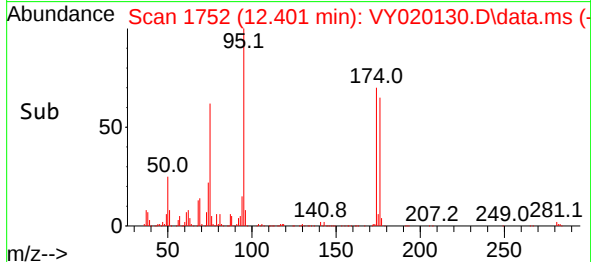
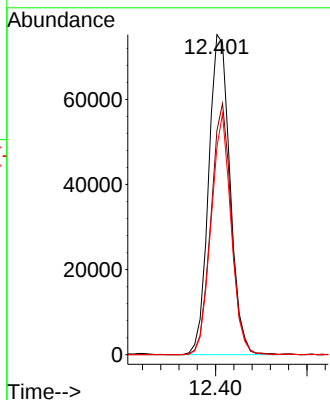
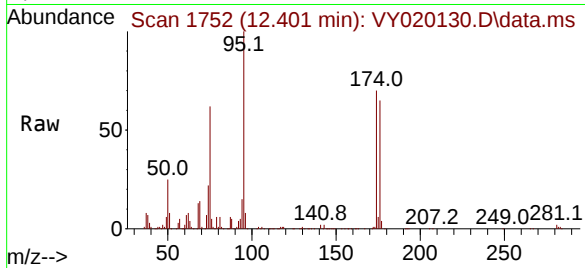




#62
4-Bromofluorobenzene
Concen: 44.265 ug/l
RT: 12.401 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020130.D
Acq: 01 Nov 2024 19:27

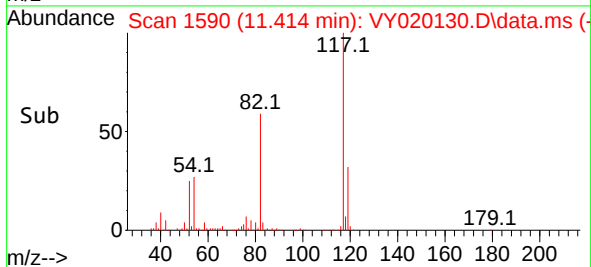
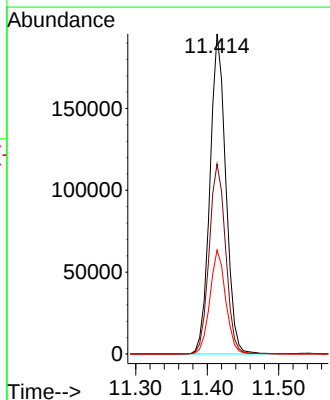
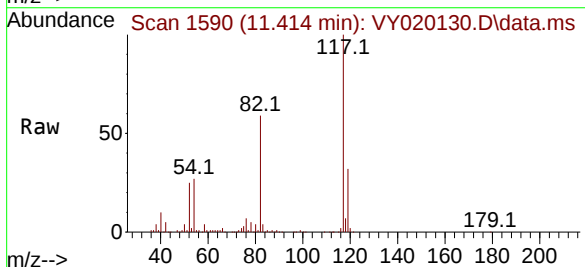
Instrument :
MSVOA_Y
ClientSampleId :

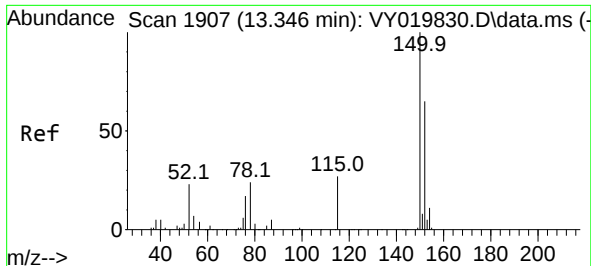
Tgt Ion: 95 Resp: 121935
Ion Ratio Lower Upper
95 100
174 75.3 0.0 175.6
176 70.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020130.D
Acq: 01 Nov 2024 19:27

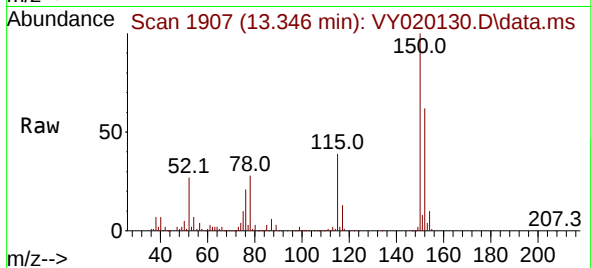
Tgt Ion: 117 Resp: 302177
Ion Ratio Lower Upper
117 100
82 59.4 42.4 63.6
119 32.4 25.9 38.9



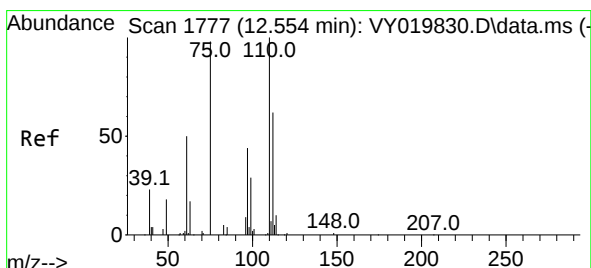
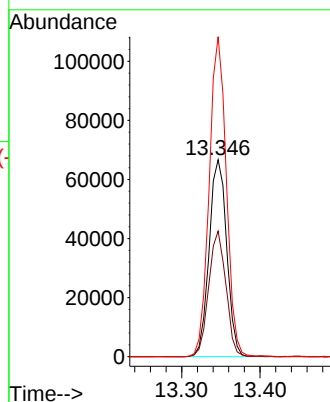
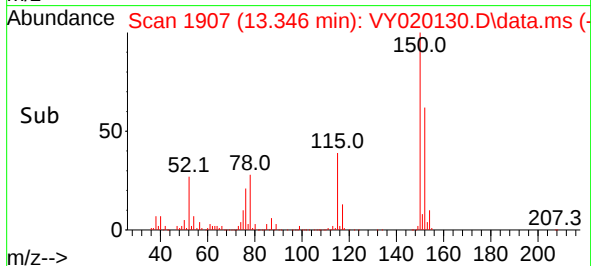


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY020130.D
 Acq: 01 Nov 2024 19:27

Instrument :
 MSVOA_Y
 ClientSampleId :

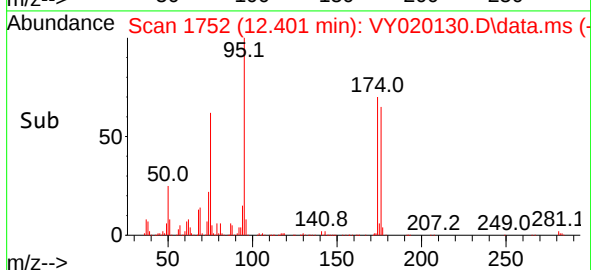
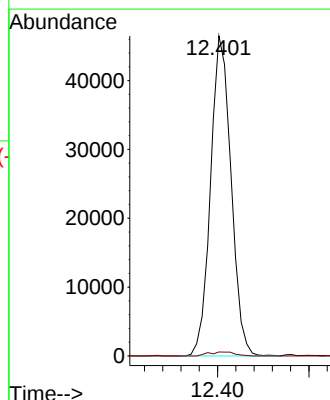
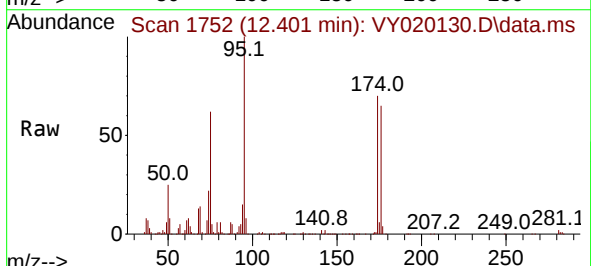


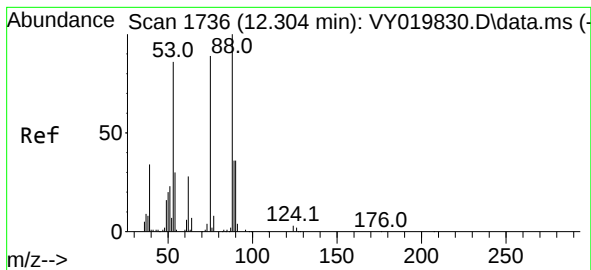
Tgt Ion:152 Resp: 103950
 Ion Ratio Lower Upper
 152 100
 115 62.4 28.2 84.7
 150 157.8 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 74.216 ug/l
 RT: 12.401 min Scan# 1752
 Delta R.T. -0.158 min
 Lab File: VY020130.D
 Acq: 01 Nov 2024 19:27

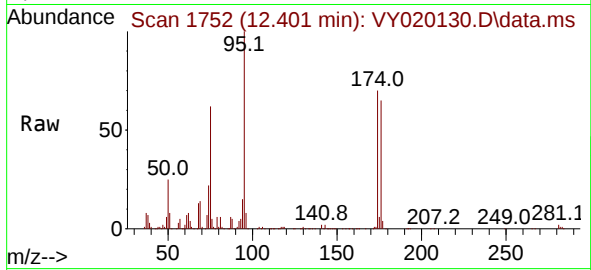
Tgt Ion: 75 Resp: 72318
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 159.637 ug/l
RT: 12.401 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY020130.D
Acq: 01 Nov 2024 19:27

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 72318
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.2 35.8 53.6#

