

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111324\
 Data File : VY020284.D
 Acq On : 13 Nov 2024 15:39
 Operator : SY/MD
 Sample : P4807-03
 Misc : 4.53g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 14 00:58:47 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)

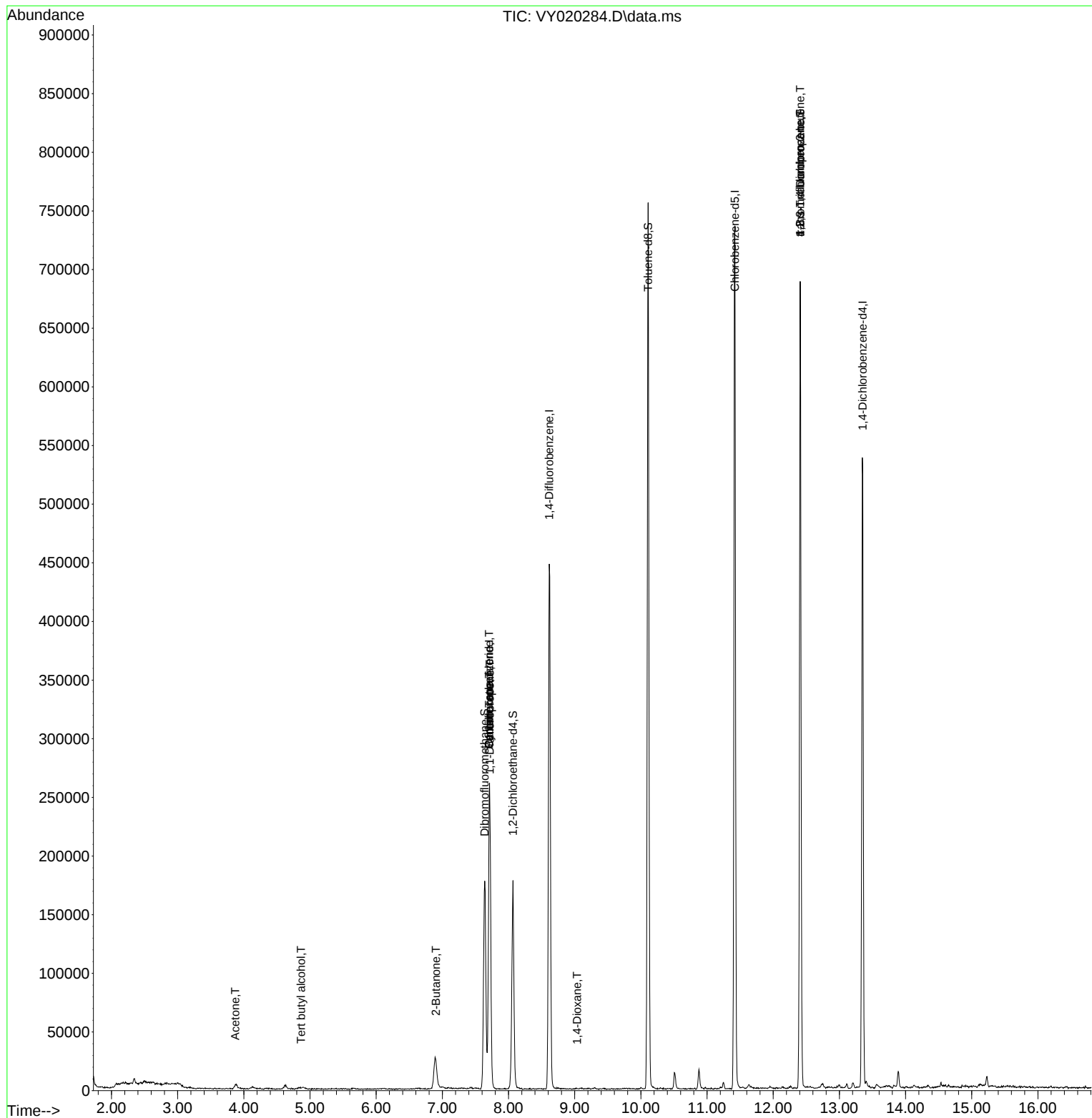
Internal Standards						
1) Pentafluorobenzene	7.707	168	190821	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	368844	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	368600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	124057	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	124399	52.234	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 104.460%		
35) Dibromofluoromethane	7.640	113	126425	53.910	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 107.820%		
50) Toluene-d8	10.109	98	469703	50.318	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 100.640%		
62) 4-Bromofluorobenzene	12.407	95	198495	65.467	ug/l	0.00
Spiked Amount	50.000	Range 29 - 146	Recovery	= 130.940%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.866	59	460	2.685	ug/l	99
16) Acetone	3.872	43	7138	12.888	ug/l #	79
25) 2-Butanone	6.902	43	2351	3.131	ug/l #	61
31) Cyclohexane	7.707	56	5668	1.311	ug/l #	32
36) 1,1-Dichloropropene	7.719	75	18783	5.185	ug/l #	49
38) Carbon Tetrachloride	7.707	117	21223	5.826	ug/l #	18
49) 1,4-Dioxane	9.036	88	49	3.472	ug/l #	20
76) 1,2,3-Trichloropropane	12.407	75	113474	97.578	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	113474	209.887	ug/l #	16

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

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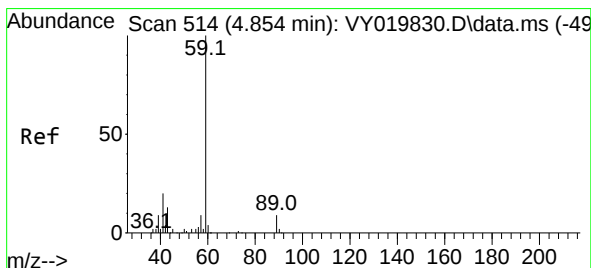
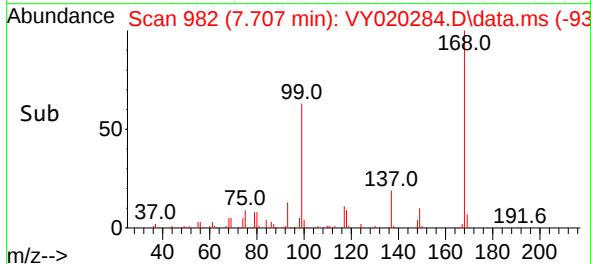
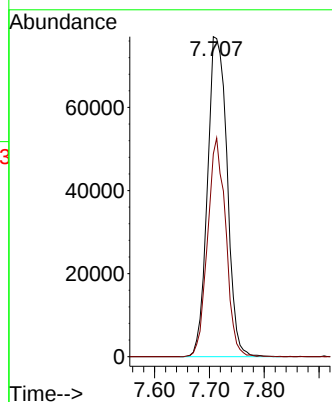
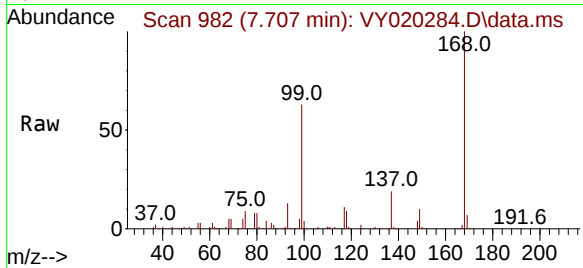




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020284.D
Acq: 13 Nov 2024 15:39

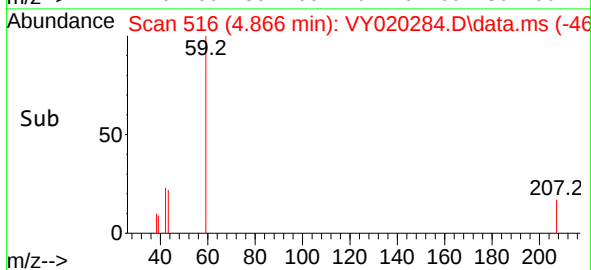
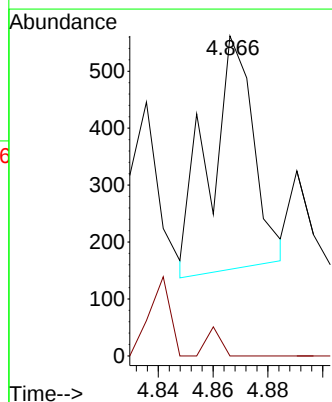
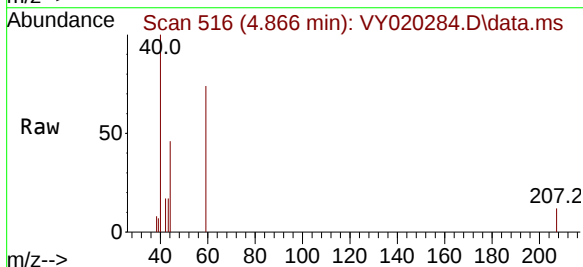
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 190821
Ion Ratio Lower Upper
168 100
99 63.4 39.1 58.7#



#11
Tert butyl alcohol
Concen: 2.685 ug/l
RT: 4.866 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY020284.D
Acq: 13 Nov 2024 15:39

Tgt Ion: 59 Resp: 460
Ion Ratio Lower Upper
59 100
57 4.1 3.0 4.6

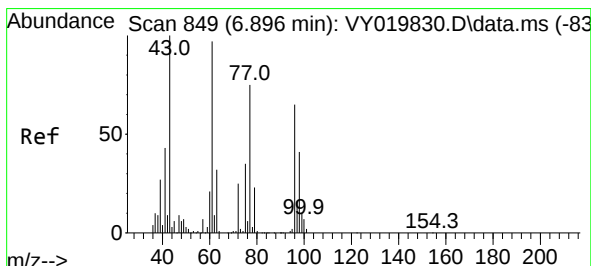
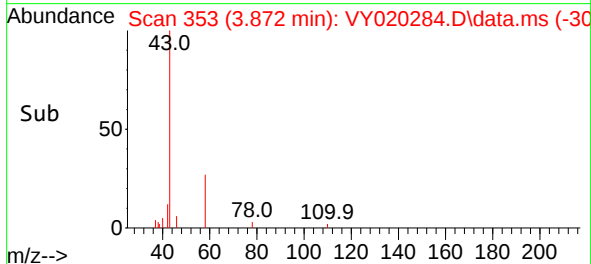
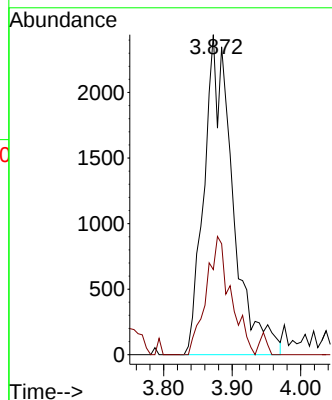
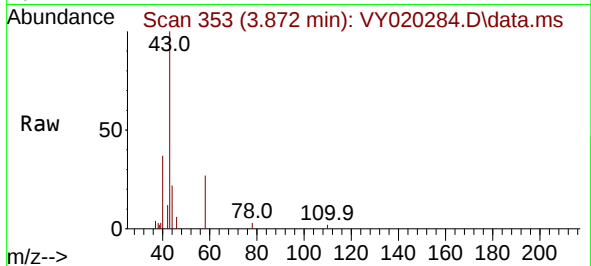




#16
Acetone
Concen: 12.888 ug/l
RT: 3.872 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY020284.D
Acq: 13 Nov 2024 15:39

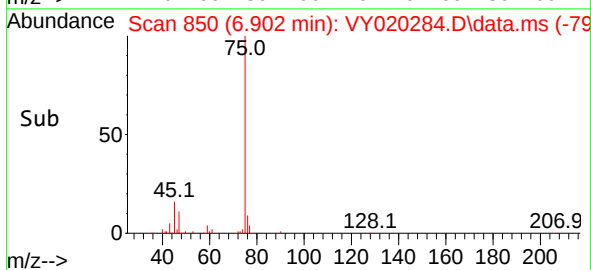
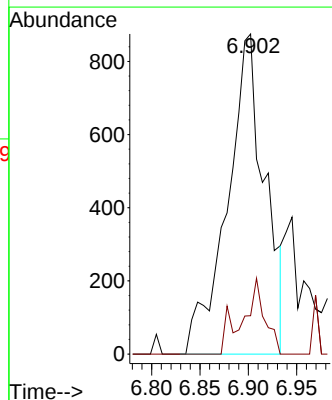
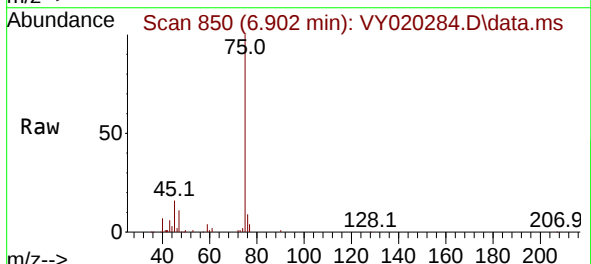
Instrument :
MSVOA_Y
ClientSampleId :

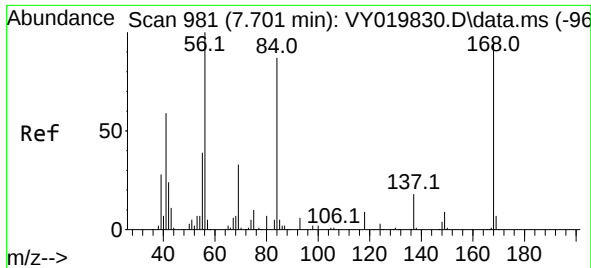
Tgt Ion: 43 Resp: 7138
Ion Ratio Lower Upper
43 100
58 26.6 31.7 47.5#



#25
2-Butanone
Concen: 3.131 ug/l
RT: 6.902 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY020284.D
Acq: 13 Nov 2024 15:39

Tgt Ion: 43 Resp: 2351
Ion Ratio Lower Upper
43 100
72 12.0 27.3 40.9#

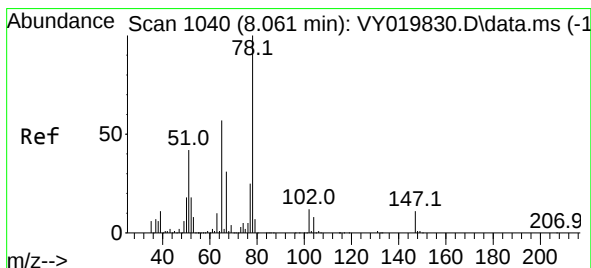
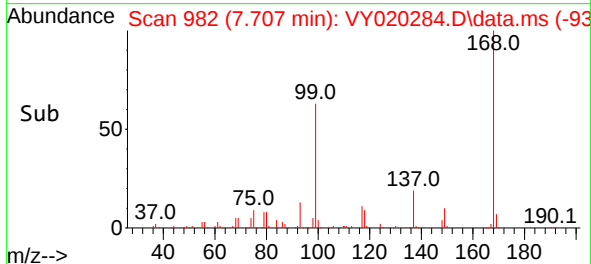
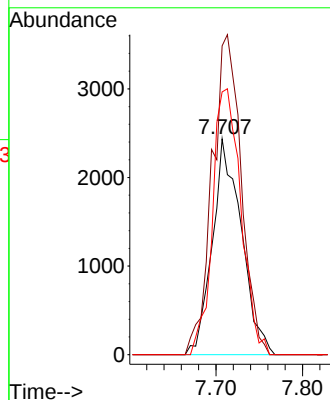
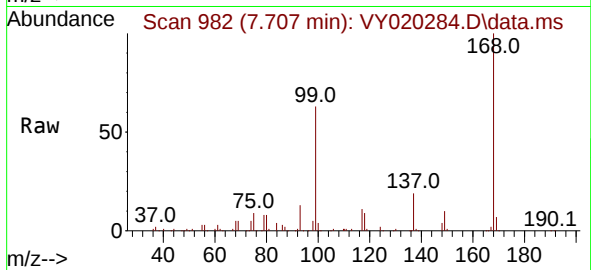




#31
Cyclohexane
Concen: 1.311 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY020284.D
Acq: 13 Nov 2024 15:39

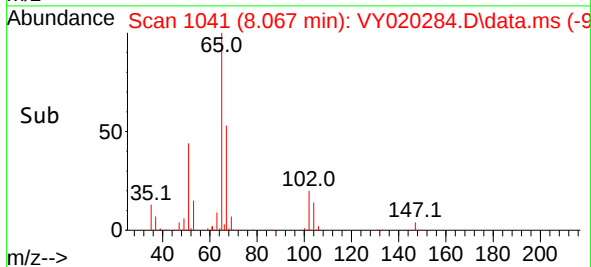
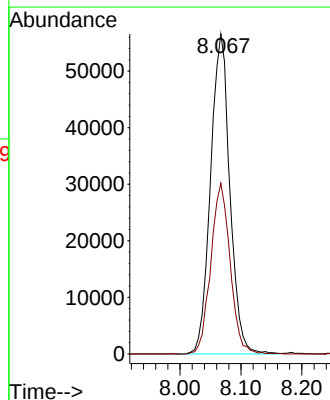
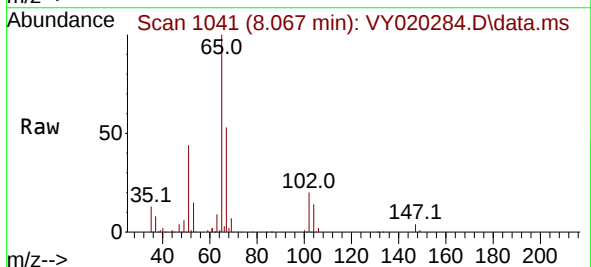
Instrument :
MSVOA_Y
ClientSampleId :

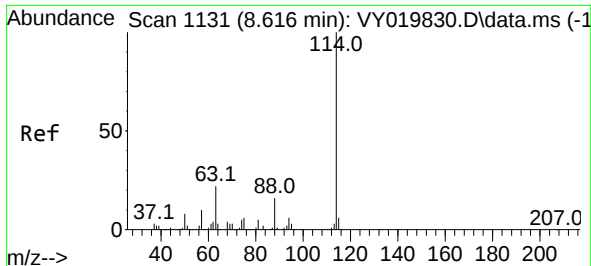
Tgt Ion: 56 Resp: 5668
Ion Ratio Lower Upper
56 100
69 143.0 28.7 43.1#
84 121.7 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 52.234 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020284.D
Acq: 13 Nov 2024 15:39

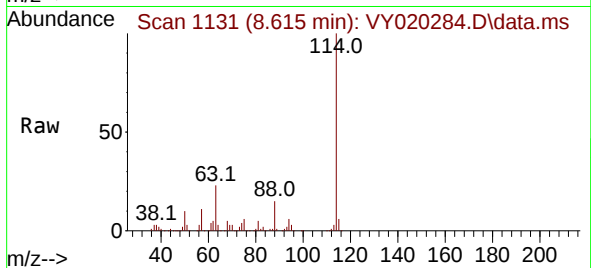
Tgt Ion: 65 Resp: 124399
Ion Ratio Lower Upper
65 100
67 53.5 0.0 109.6



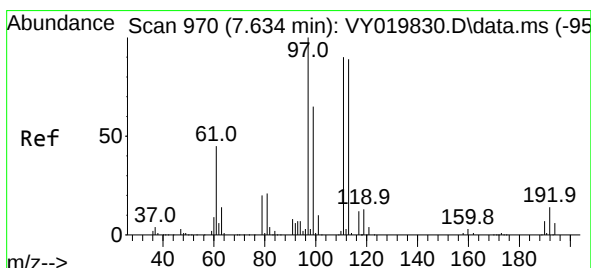
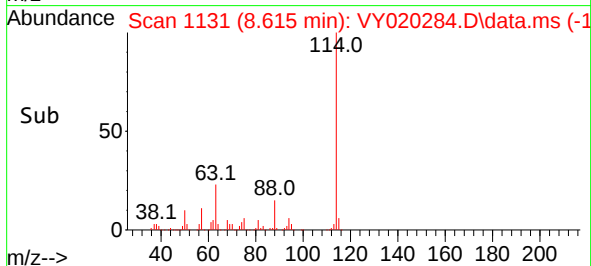
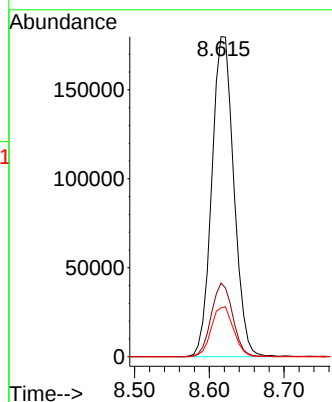


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020284.D
Acq: 13 Nov 2024 15:39

Instrument :
MSVOA_Y
ClientSampleId :

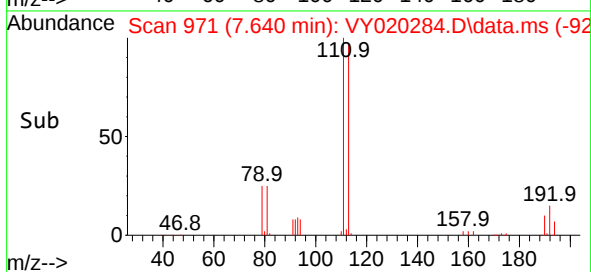
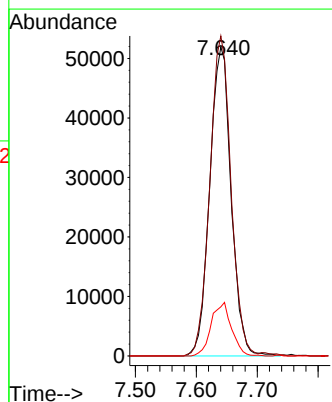
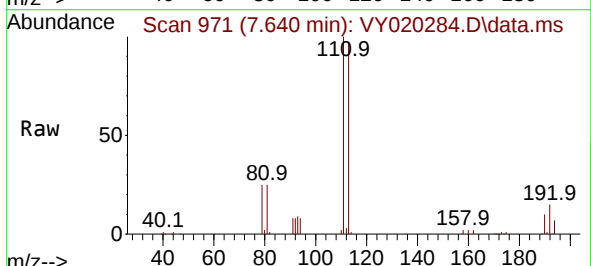


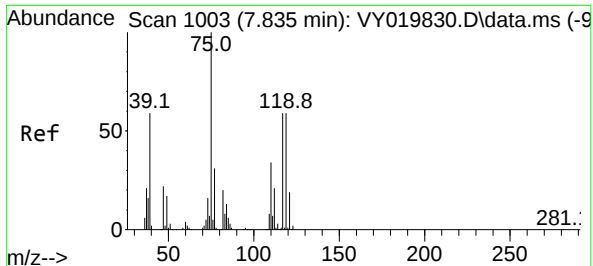
Tgt Ion:114 Resp: 368844
Ion Ratio Lower Upper
114 100
63 23.0 0.0 35.0
88 15.2 0.0 27.2



#35
Dibromofluoromethane
Concen: 53.910 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY020284.D
Acq: 13 Nov 2024 15:39

Tgt Ion:113 Resp: 126425
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 16.5 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.185 ug/l

RT: 7.719 min Scan# 91

Delta R.T. -0.116 min

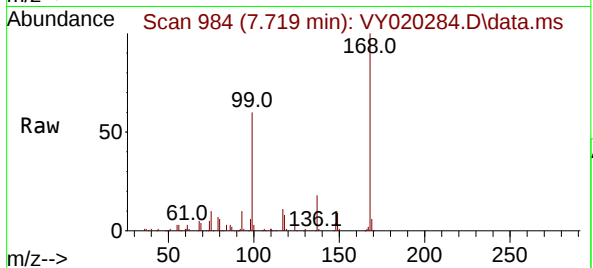
Lab File: VY020284.D

Acq: 13 Nov 2024 15:39

Instrument :

MSVOA_Y

ClientSampleId :



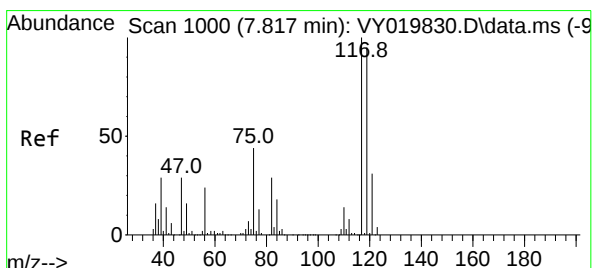
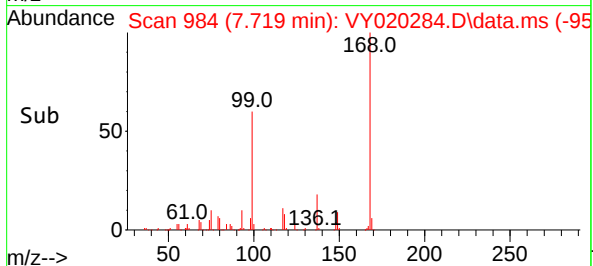
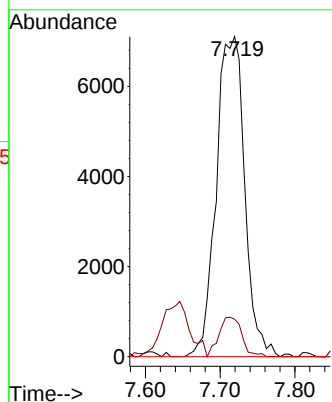
Tgt Ion: 75 Resp: 18783

Ion Ratio Lower Upper

75 100

110 10.0 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.826 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.110 min

Lab File: VY020284.D

Acq: 13 Nov 2024 15:39

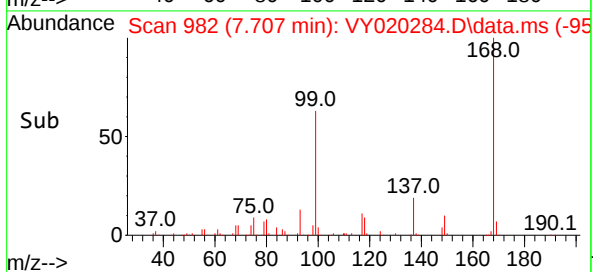
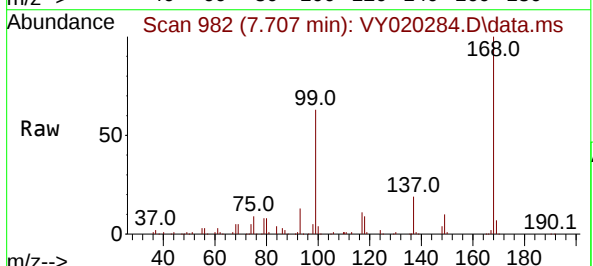
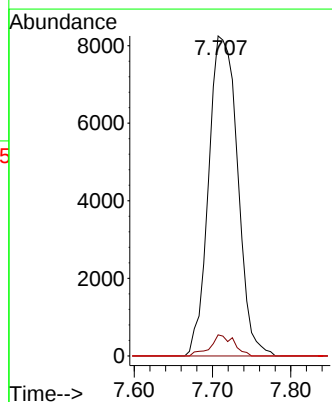
Tgt Ion: 117 Resp: 21223

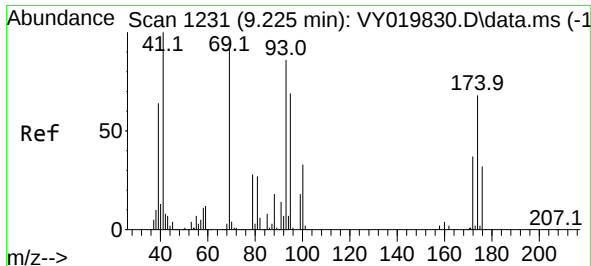
Ion Ratio Lower Upper

117 100

119 6.6 75.8 113.6#

121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 3.472 ug/l

RT: 9.036 min Scan# 11

Delta R.T. -0.195 min

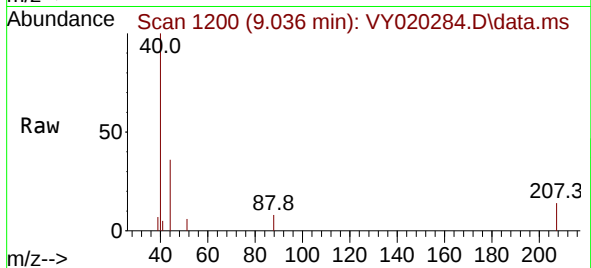
Lab File: VY020284.D

Acq: 13 Nov 2024 15:39

Instrument :

MSVOA_Y

ClientSampleId :



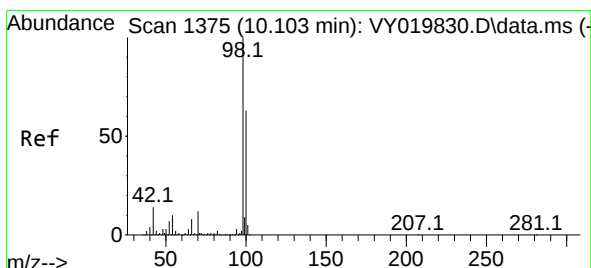
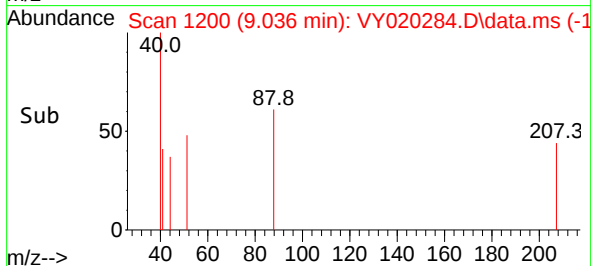
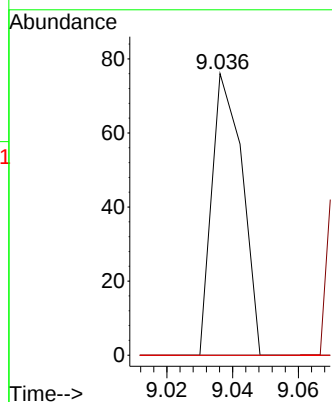
Tgt Ion: 88 Resp: 49

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 0.0 49.3 73.9#



#50

Toluene-d8

Concen: 50.318 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020284.D

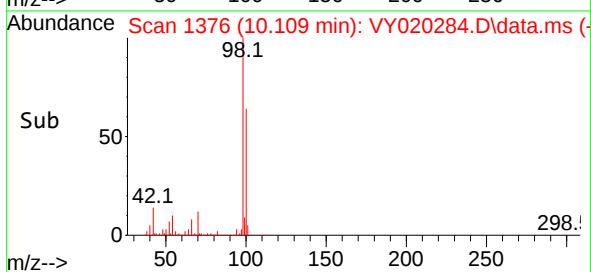
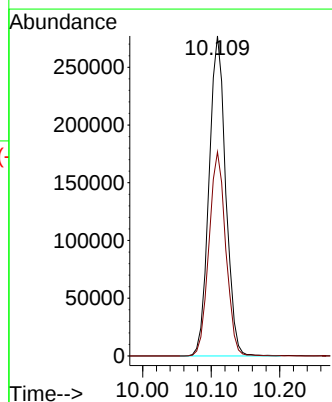
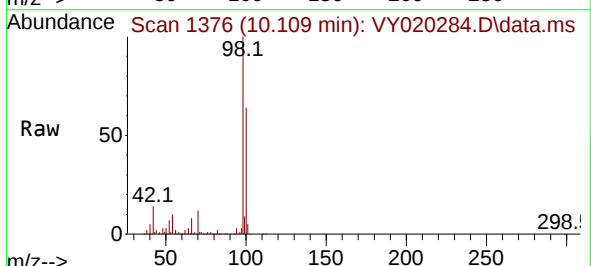
Acq: 13 Nov 2024 15:39

Tgt Ion: 98 Resp: 469703

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0

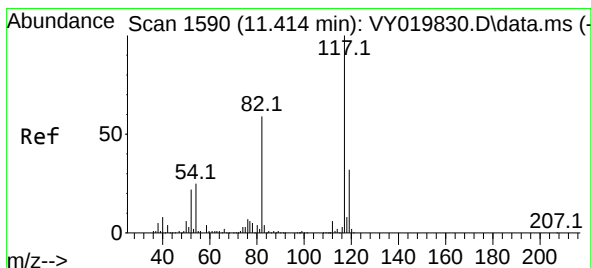
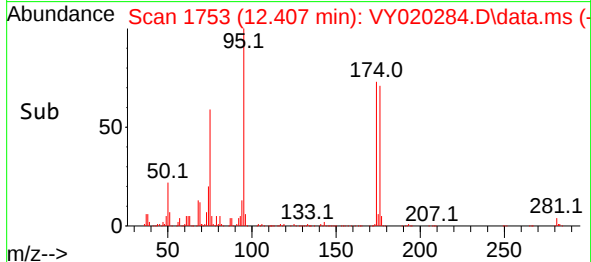
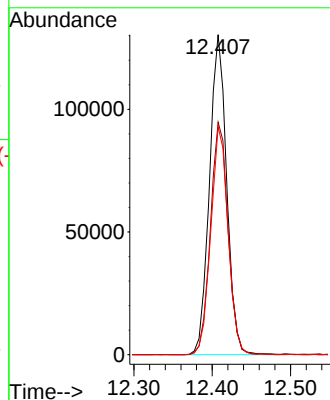
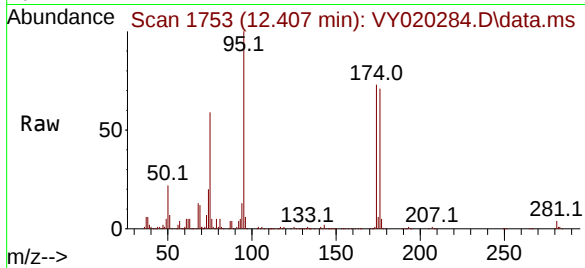




#62
4-Bromofluorobenzene
Concen: 65.467 ug/l
RT: 12.407 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020284.D
Acq: 13 Nov 2024 15:39

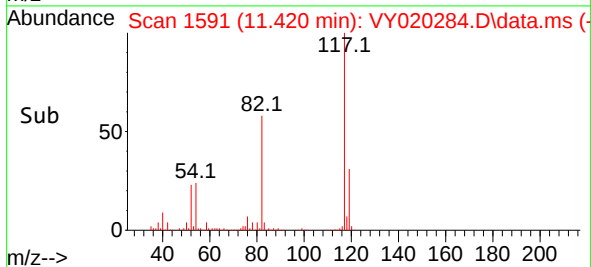
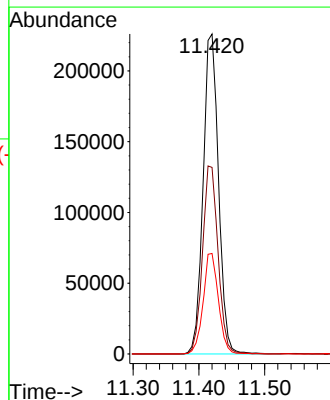
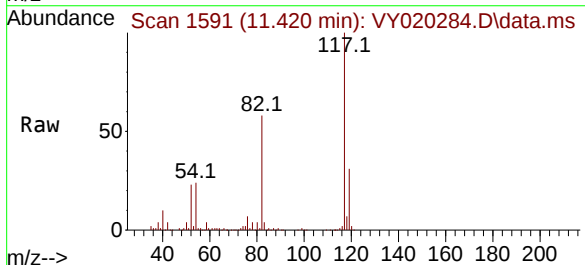
Instrument :
MSVOA_Y
ClientSampleId :

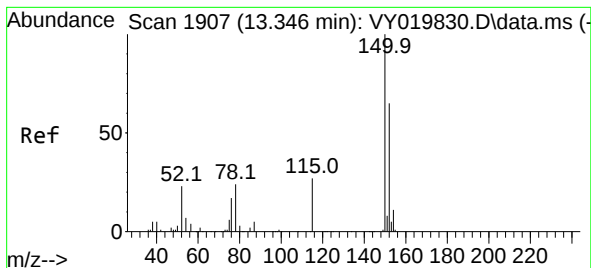
Tgt Ion: 95 Resp: 198495
Ion Ratio Lower Upper
95 100
174 74.5 0.0 175.6
176 71.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY020284.D
Acq: 13 Nov 2024 15:39

Tgt Ion: 117 Resp: 368600
Ion Ratio Lower Upper
117 100
82 58.3 42.4 63.6
119 31.4 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY020284.D

Acq: 13 Nov 2024 15:39

Instrument :

MSVOA_Y

ClientSampleId :

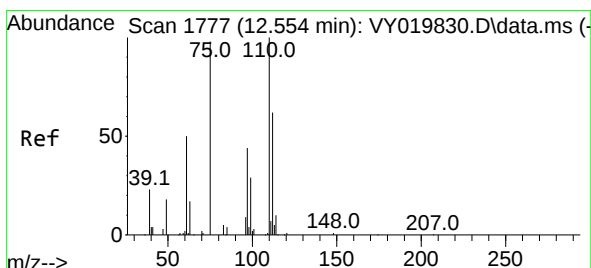
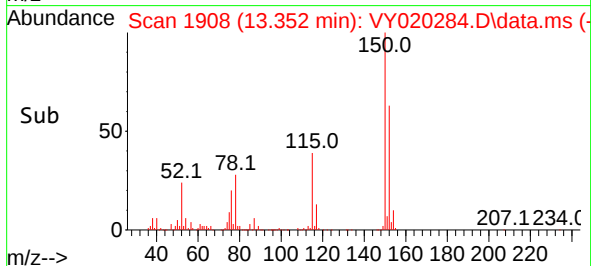
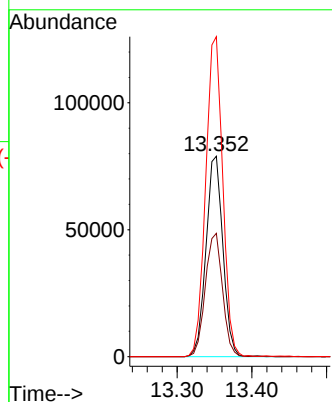
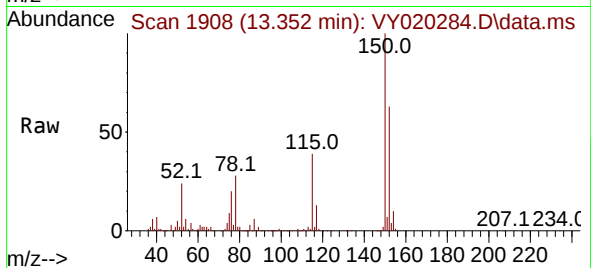
Tgt Ion:152 Resp: 124057

Ion Ratio Lower Upper

152 100

115 62.6 28.2 84.7

150 161.0 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 97.578 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY020284.D

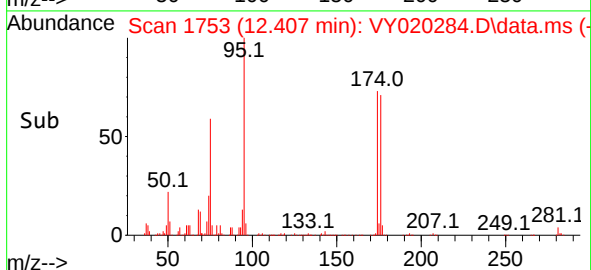
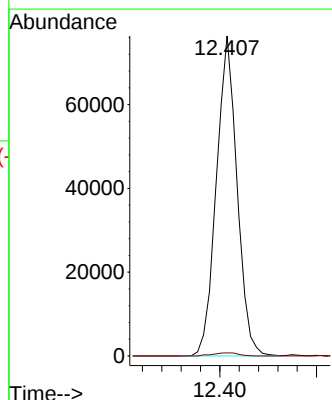
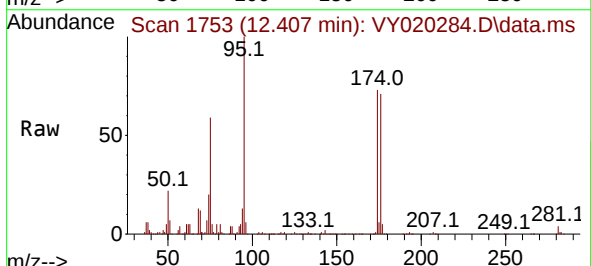
Acq: 13 Nov 2024 15:39

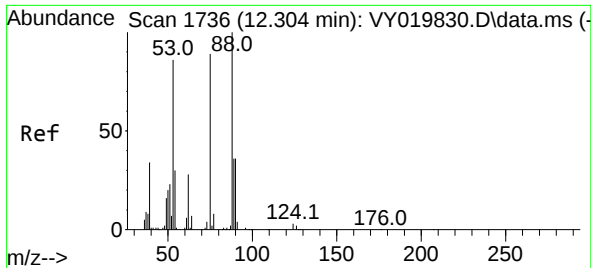
Tgt Ion: 75 Resp: 113474

Ion Ratio Lower Upper

75 100

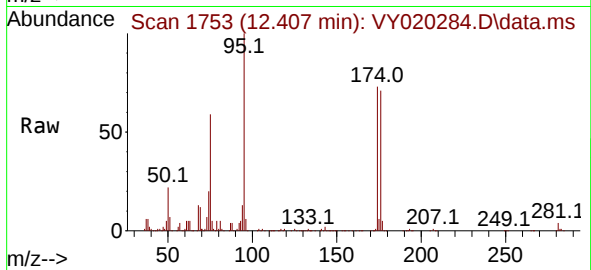
77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 209.887 ug/l
RT: 12.407 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY020284.D
Acq: 13 Nov 2024 15:39

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 113474
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.2 35.8 53.6#

