

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110524\
 Data File : VY020168.D
 Acq On : 05 Nov 2024 15:42
 Operator : SY/MD
 Sample : P4711-07
 Misc : 3.75g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 06 00:27:13 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)

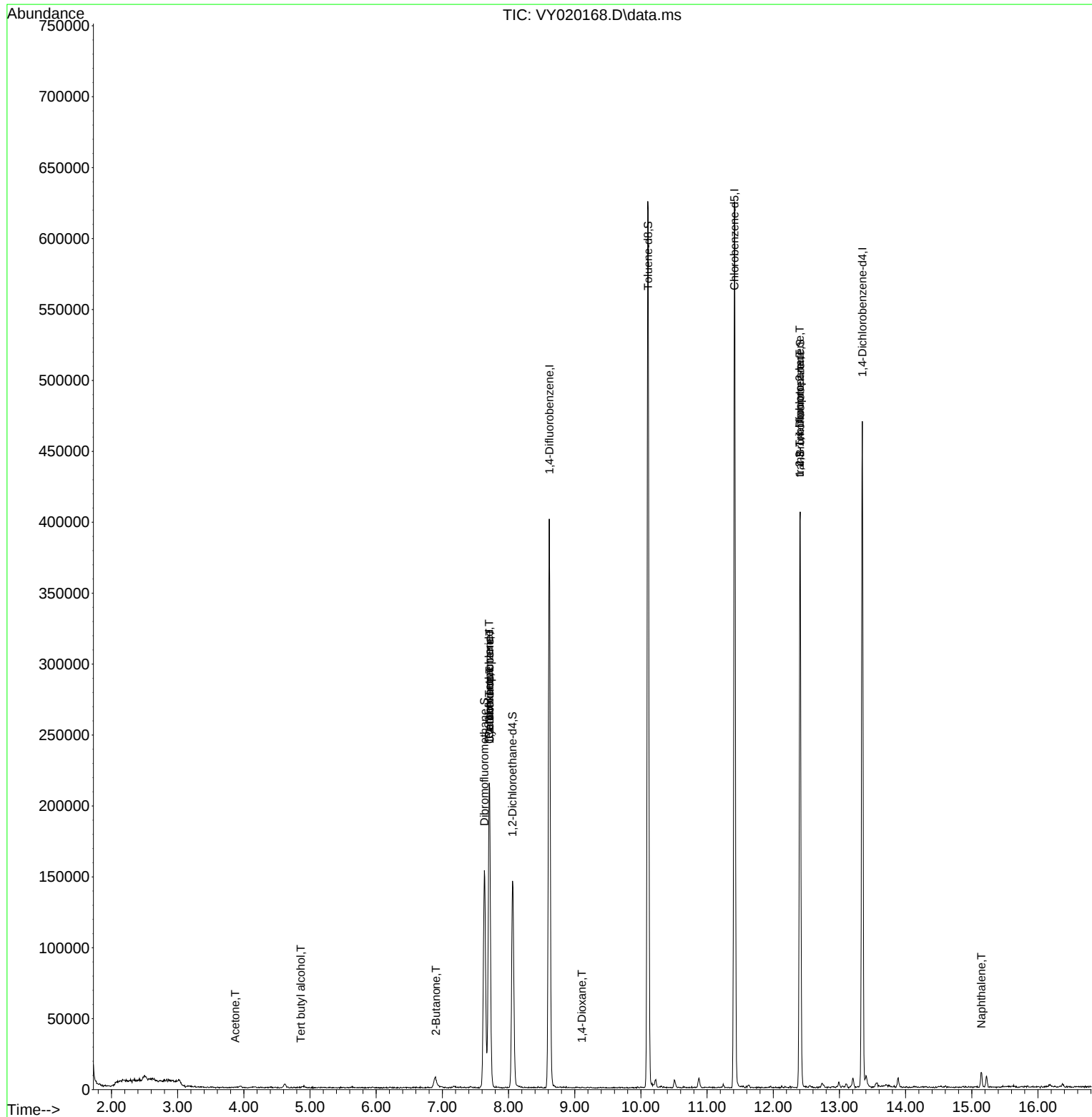
Internal Standards						
1) Pentafluorobenzene	7.707	168	149347	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	311700	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	291076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	105690	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	113809	61.058	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	= 122.120%		
35) Dibromofluoromethane	7.634	113	105112	53.039	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	= 106.080%		
50) Toluene-d8	10.109	98	388106	49.199	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery	= 98.400%		
62) 4-Bromofluorobenzene	12.408	95	118844	46.383	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery	= 92.760%		
Target Compounds						
11) Tert butyl alcohol	4.860	59	384	2.864	ug/l	# 88
16) Acetone	3.873	43	578	1.333	ug/l	# 36
25) 2-Butanone	6.903	43	623	1.060	ug/l	# 41
31) Cyclohexane	7.713	56	4795	1.418	ug/l	# 67
36) 1,1-Dichloropropene	7.713	75	15530	5.073	ug/l	# 48
38) Carbon Tetrachloride	7.707	117	16297	5.294	ug/l	# 18
49) 1,4-Dioxane	9.109	88	51	4.276	ug/l	# 20
76) 1,2,3-Trichloropropane	12.402	75	69033	69.679	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.402	75	69033	149.876	ug/l	# 16
95) Naphthalene	15.145	128	7477	2.469	ug/l	# 94

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110524\
Data File : VY020168.D
Acq On : 05 Nov 2024 15:42
Operator : SY/MD
Sample : P4711-07
Misc : 3.75g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 06 00:27:13 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

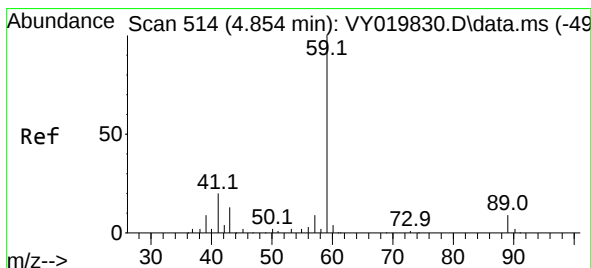
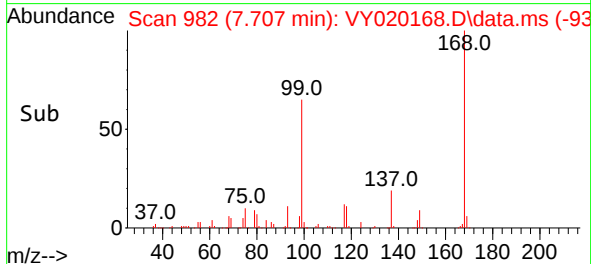
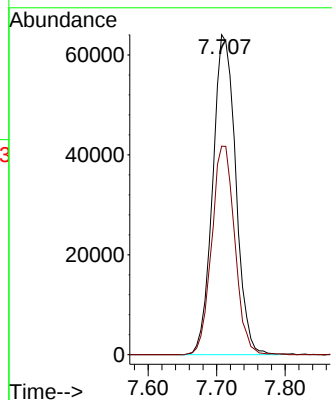
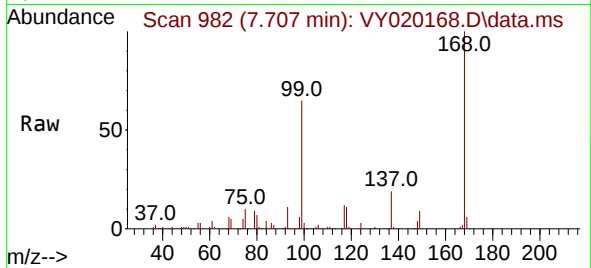




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020168.D
Acq: 05 Nov 2024 15:42

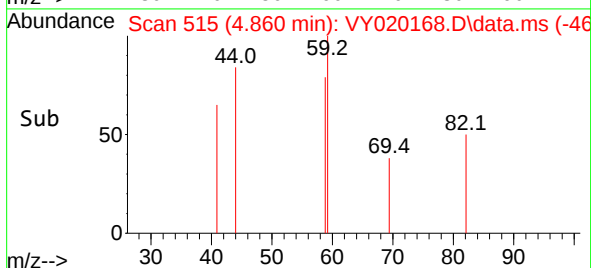
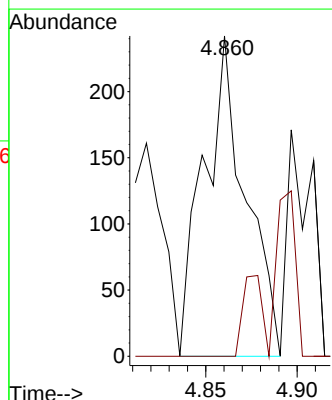
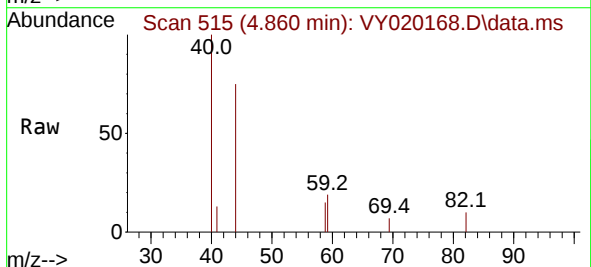
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 149347
Ion Ratio Lower Upper
168 100
99 65.1 39.1 58.7#



#11
Tert butyl alcohol
Concen: 2.864 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY020168.D
Acq: 05 Nov 2024 15:42

Tgt Ion: 59 Resp: 384
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

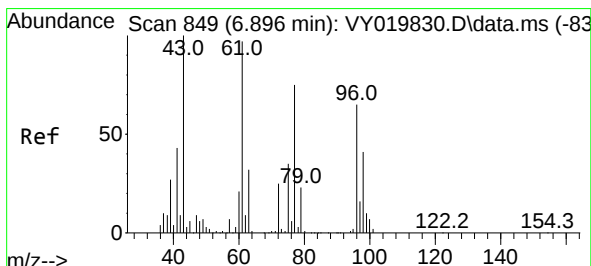
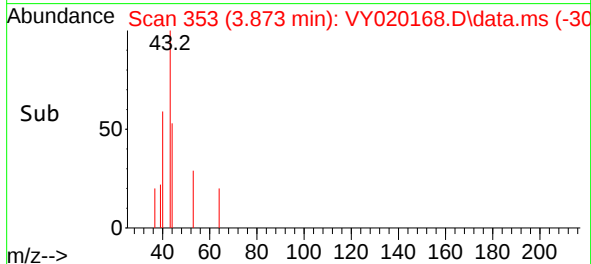
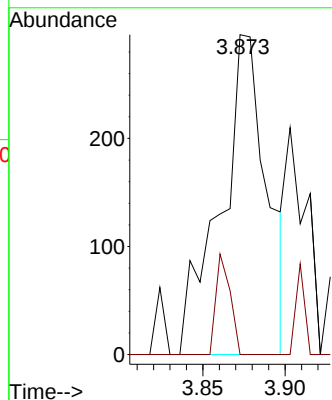
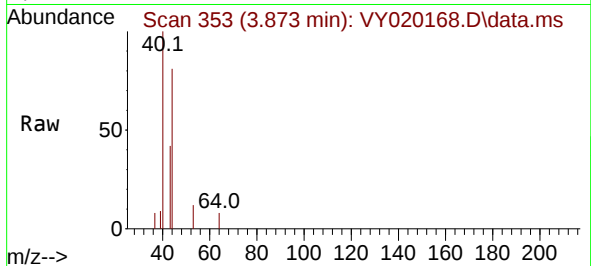




#16
Acetone
Concen: 1.333 ug/l
RT: 3.873 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY020168.D
Acq: 05 Nov 2024 15:42

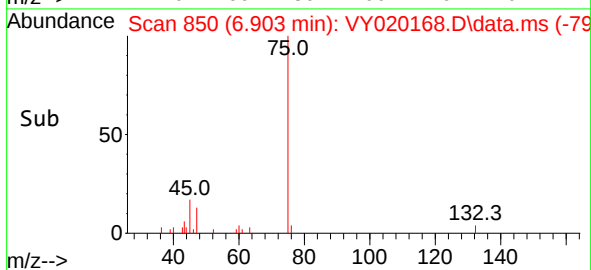
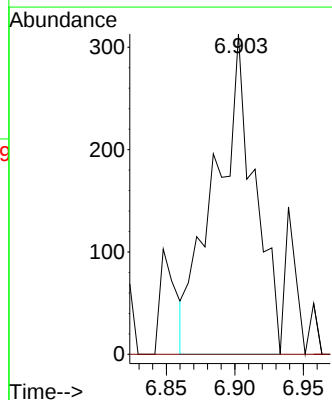
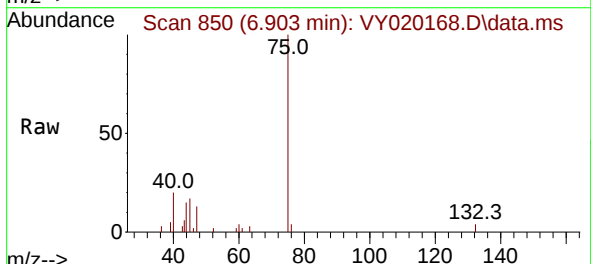
Instrument :
MSVOA_Y
ClientSampleId :

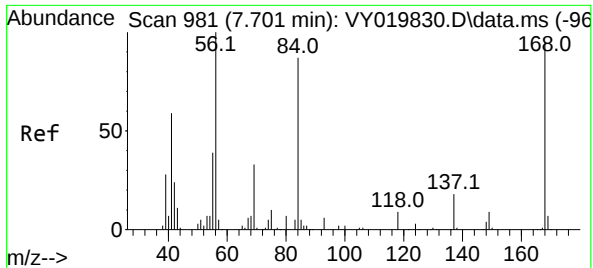
Tgt Ion: 43 Resp: 578
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#25
2-Butanone
Concen: 1.060 ug/l
RT: 6.903 min Scan# 850
Delta R.T. 0.013 min
Lab File: VY020168.D
Acq: 05 Nov 2024 15:42

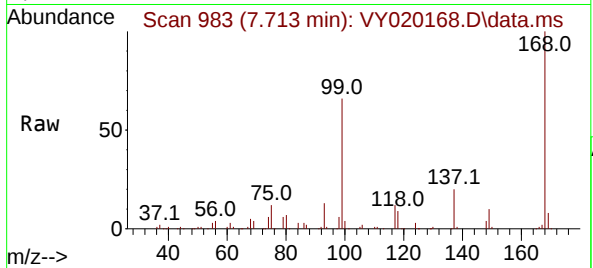
Tgt Ion: 43 Resp: 623
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



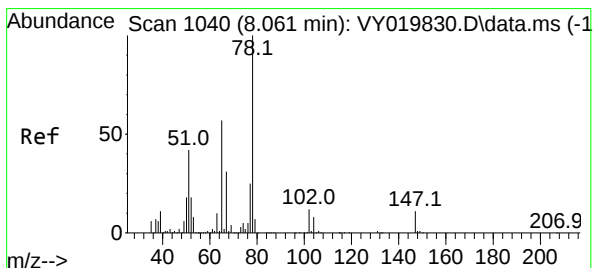
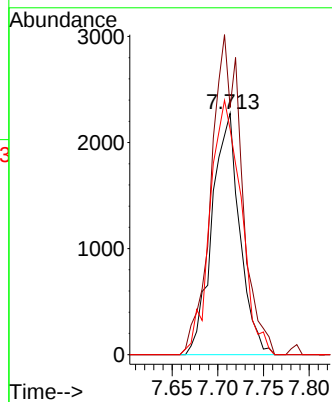
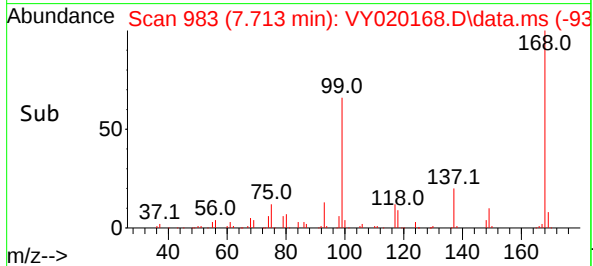


#31
Cyclohexane
Concen: 1.418 ug/l
RT: 7.713 min Scan# 981
Delta R.T. 0.013 min
Lab File: VY020168.D
Acq: 05 Nov 2024 15:42

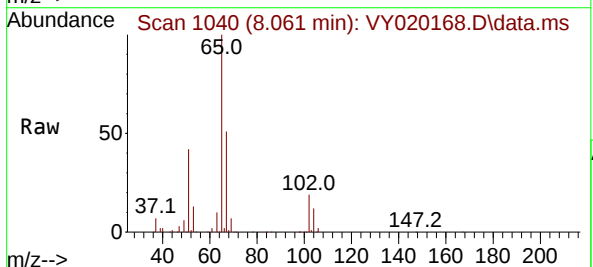
Instrument :
MSVOA_Y
ClientSampleId :



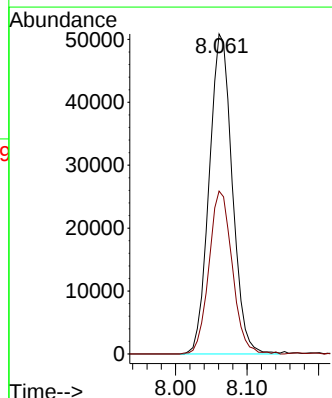
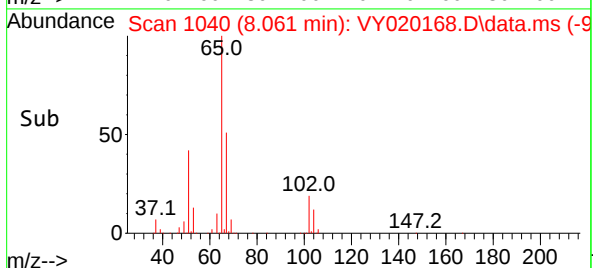
Tgt Ion: 56 Resp: 4795
Ion Ratio Lower Upper
56 100
69 102.5 28.7 43.1#
84 93.5 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 61.058 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020168.D
Acq: 05 Nov 2024 15:42



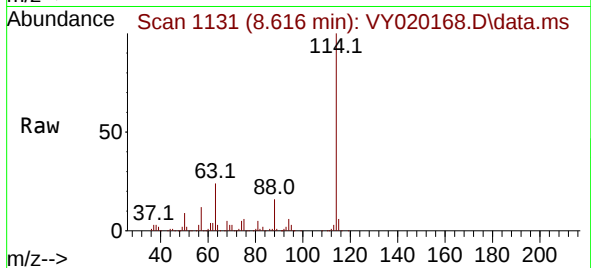
Tgt Ion: 65 Resp: 113809
Ion Ratio Lower Upper
65 100
67 51.5 0.0 109.6



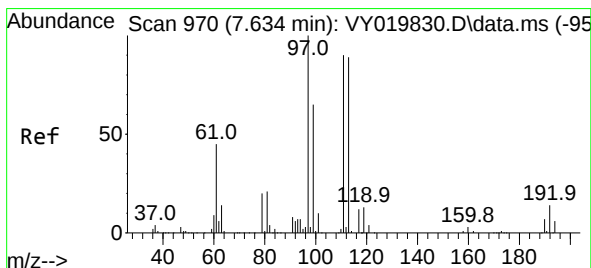
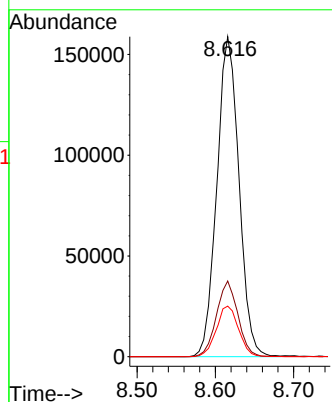
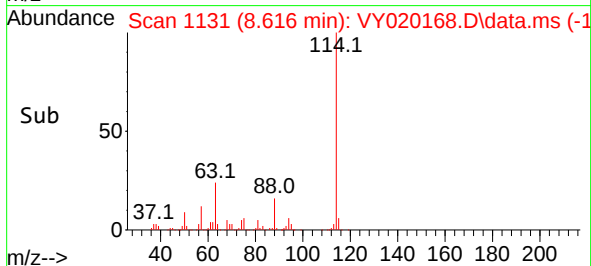


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020168.D
 Acq: 05 Nov 2024 15:42

Instrument :
 MSVOA_Y
 ClientSampleId :

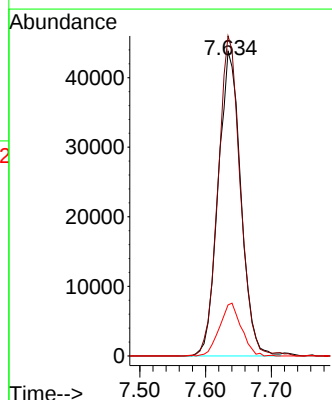
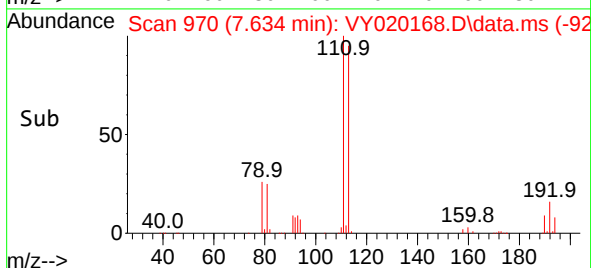
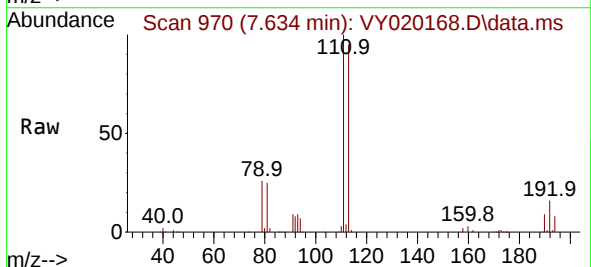


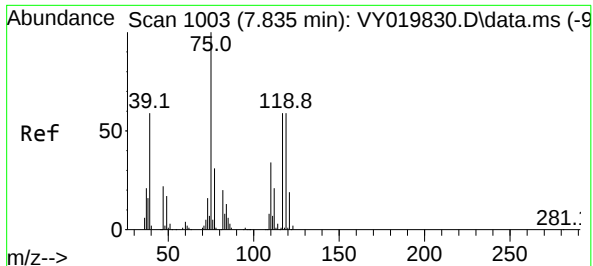
Tgt Ion:114 Resp: 311700
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 35.0
 88 15.8 0.0 27.2



#35
 Dibromofluoromethane
 Concen: 53.039 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VY020168.D
 Acq: 05 Nov 2024 15:42

Tgt Ion:113 Resp: 105112
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.2 123.4
 192 16.7 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.073 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY020168.D

Acq: 05 Nov 2024 15:42

Instrument :

MSVOA_Y

ClientSampleId :

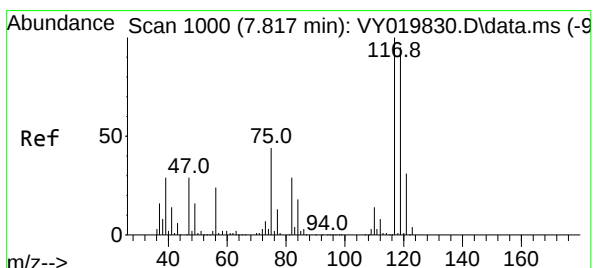
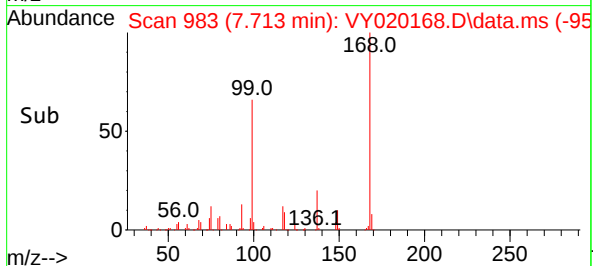
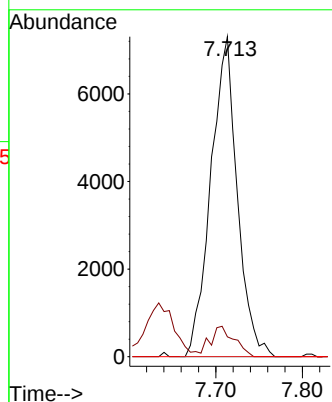
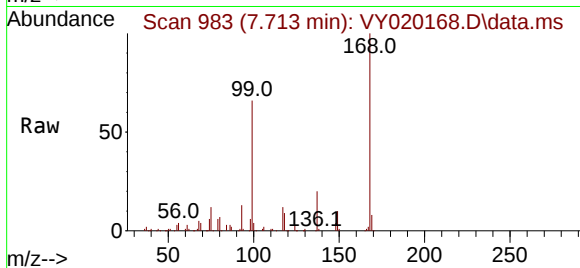
Tgt Ion: 75 Resp: 15530

Ion Ratio Lower Upper

75 100

110 8.9 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.294 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.109 min

Lab File: VY020168.D

Acq: 05 Nov 2024 15:42

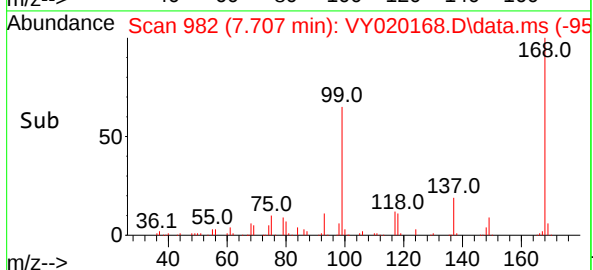
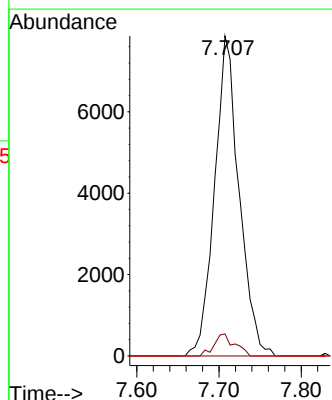
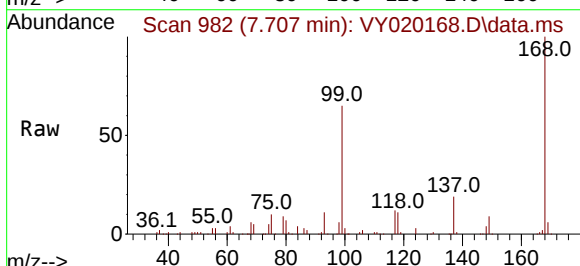
Tgt Ion: 117 Resp: 16297

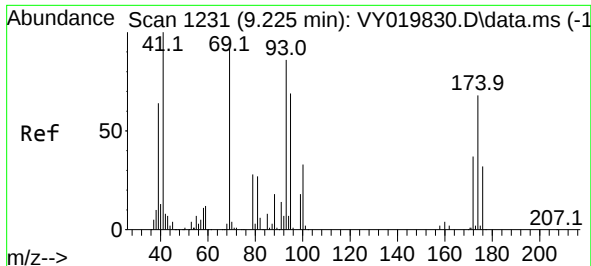
Ion Ratio Lower Upper

117 100

119 6.9 75.8 113.6#

121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 4.276 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.122 min

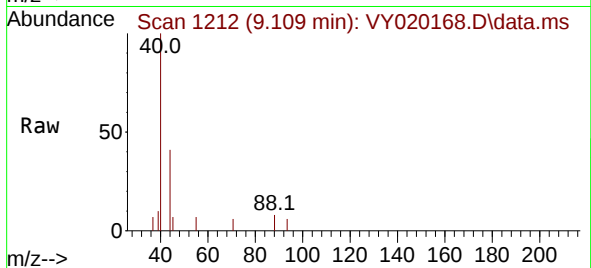
Lab File: VY020168.D

Acq: 05 Nov 2024 15:42

Instrument :

MSVOA_Y

ClientSampleId :



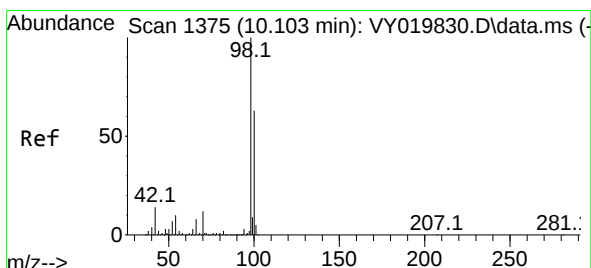
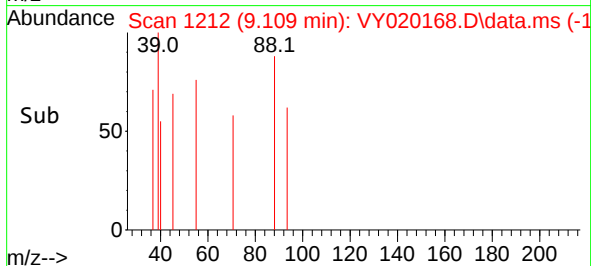
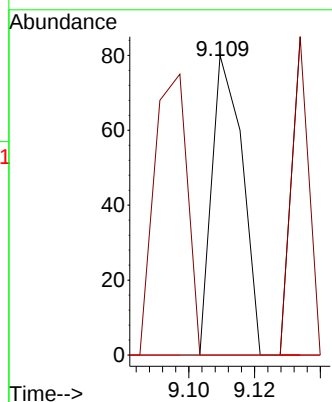
Tgt Ion: 88 Resp: 51

Ion Ratio Lower Upper

88 100

43 102.0 0.0 0.0#

58 0.0 49.3 73.9#



#50

Toluene-d8

Concen: 49.199 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020168.D

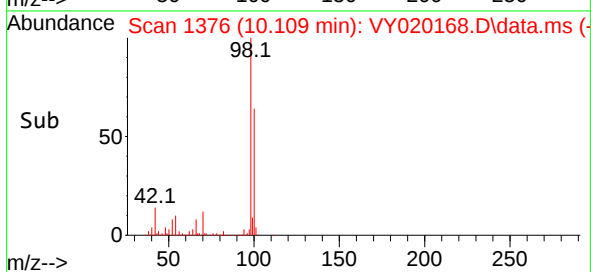
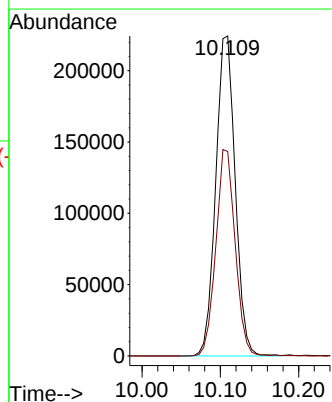
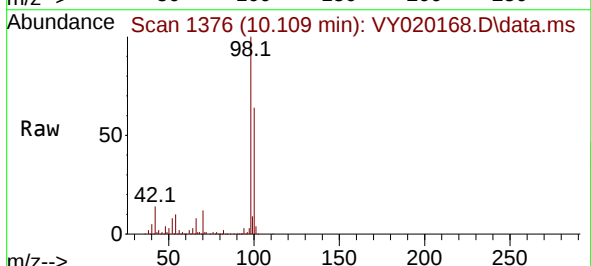
Acq: 05 Nov 2024 15:42

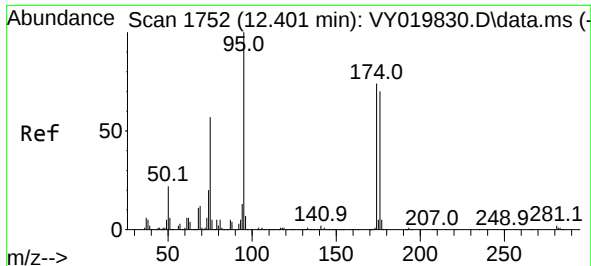
Tgt Ion: 98 Resp: 388106

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0

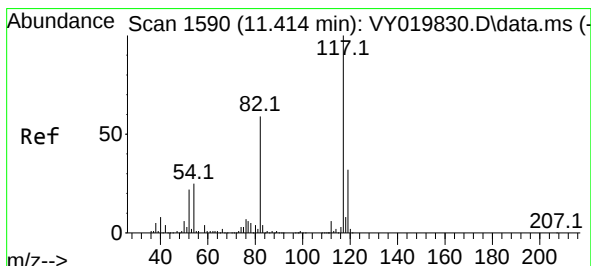
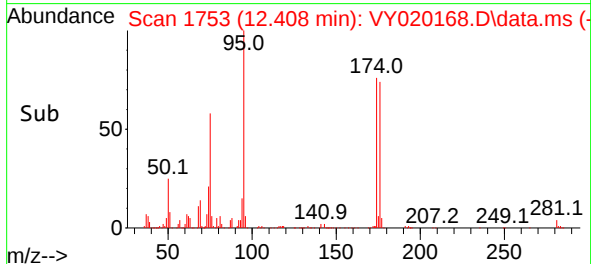
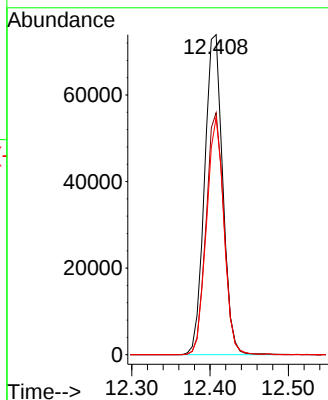
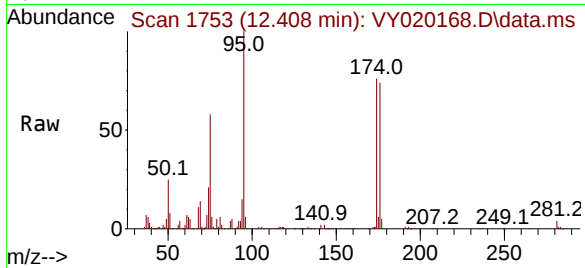




#62
4-Bromofluorobenzene
Concen: 46.383 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020168.D
Acq: 05 Nov 2024 15:42

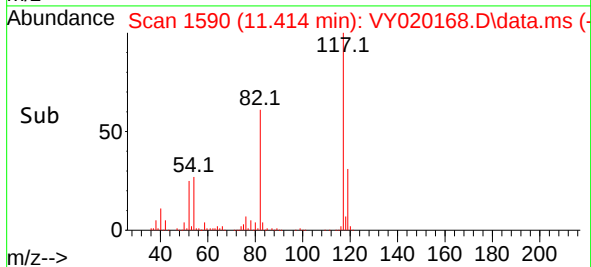
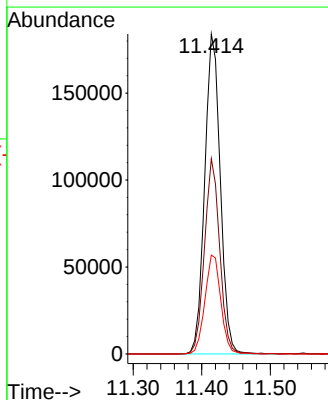
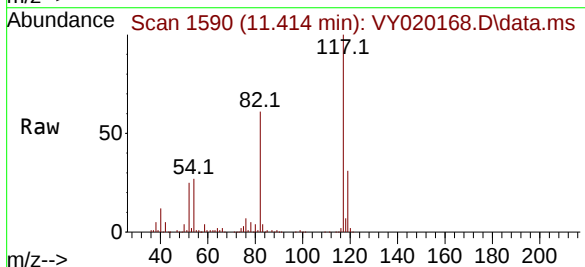
Instrument :
MSVOA_Y
ClientSampleId :

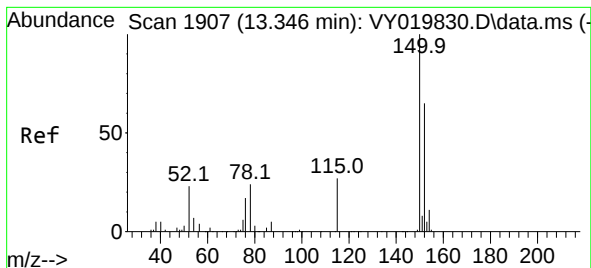
Tgt Ion: 95 Resp: 118844
Ion Ratio Lower Upper
95 100
174 74.2 0.0 175.6
176 71.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020168.D
Acq: 05 Nov 2024 15:42

Tgt Ion: 117 Resp: 291076
Ion Ratio Lower Upper
117 100
82 61.0 42.4 63.6
119 30.9 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

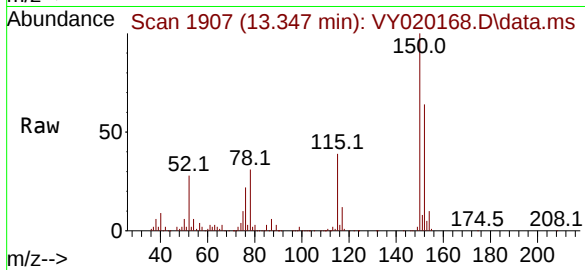
Lab File: VY020168.D

Acq: 05 Nov 2024 15:42

Instrument :

MSVOA_Y

ClientSampleId :



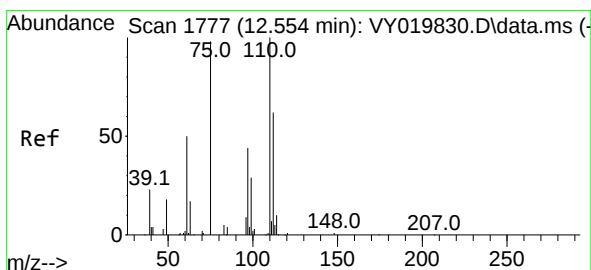
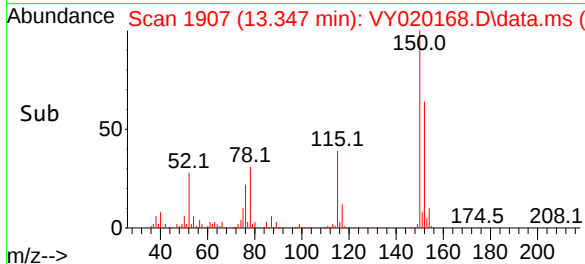
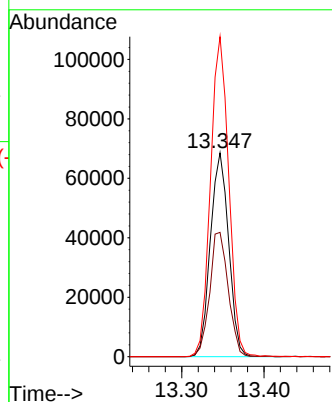
Tgt Ion:152 Resp: 105690

Ion Ratio Lower Upper

152 100

115 62.1 28.2 84.7

150 156.8 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 69.679 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.158 min

Lab File: VY020168.D

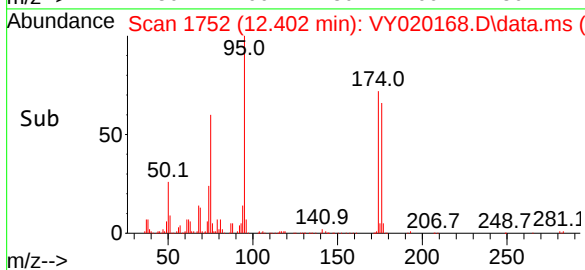
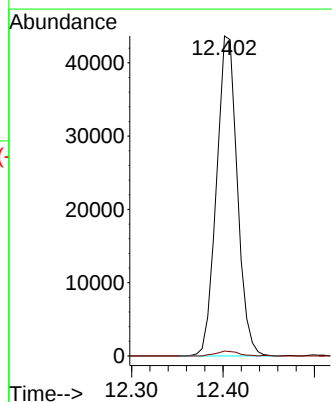
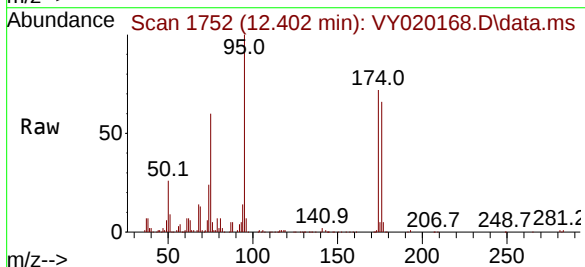
Acq: 05 Nov 2024 15:42

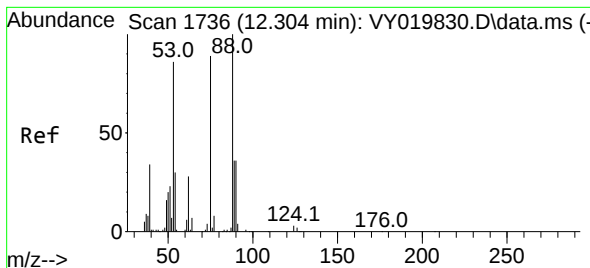
Tgt Ion: 75 Resp: 69033

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#

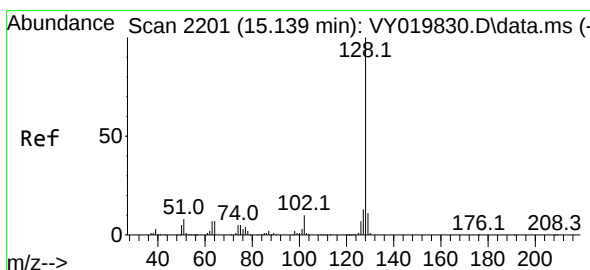
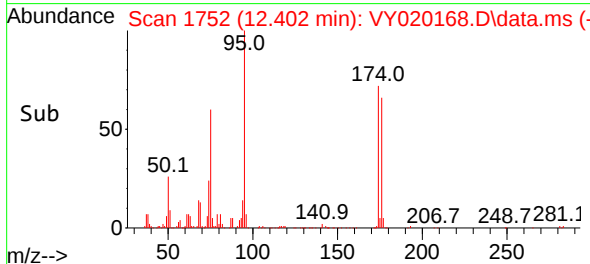
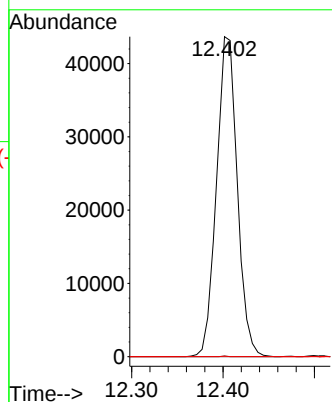
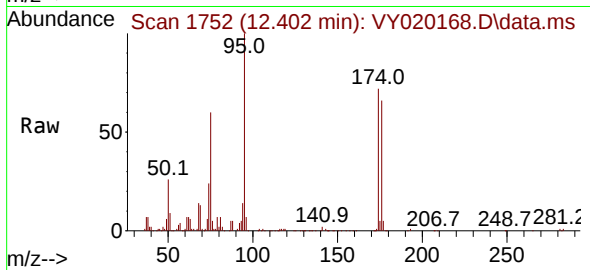




#81
 trans-1,4-Dichloro-2-butene
 Concen: 149.876 ug/l
 RT: 12.402 min Scan# 1752
 Delta R.T. 0.098 min
 Lab File: VY020168.D
 Acq: 05 Nov 2024 15:42

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 75 Resp: 69033
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.8 100.2#
 89 0.0 35.8 53.6#



#95
 Naphthalene
 Concen: 2.469 ug/l
 RT: 15.145 min Scan# 2202
 Delta R.T. 0.000 min
 Lab File: VY020168.D
 Acq: 05 Nov 2024 15:42

Tgt Ion: 128 Resp: 7477
 Ion Ratio Lower Upper
 128 100
 127 16.5 10.6 16.0#
 129 12.2 8.6 13.0

