

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110524\
 Data File : VY020160.D
 Acq On : 05 Nov 2024 12:35
 Operator : SY/MD
 Sample : P4679-03
 Misc : 5.35g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 06 00:23:58 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)

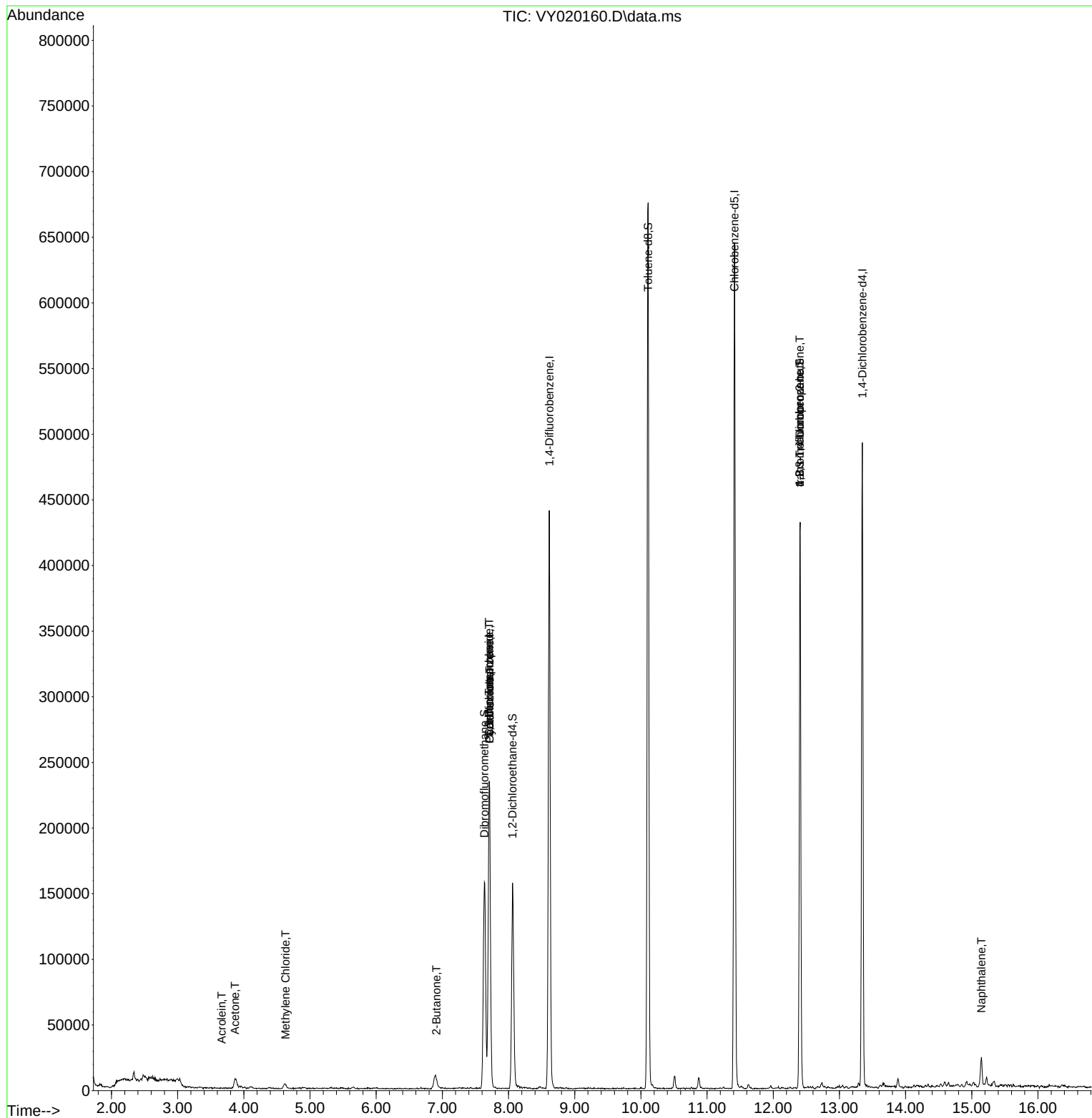
Internal Standards						
1) Pentafluorobenzene	7.713	168	162272	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	338622	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	308000	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	110227	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	116335	57.442	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.880%			
35) Dibromofluoromethane	7.634	113	113890	52.900	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.800%			
50) Toluene-d8	10.109	98	423149	49.377	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.760%			
62) 4-Bromofluorobenzene	12.401	95	125918	45.236	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 90.480%			
Target Compounds						
					Qvalue	
13) Acrolein	3.665	56	240	1.323	ug/l #	61
16) Acetone	3.866	43	14180	30.107	ug/l #	80
20) Methylene Chloride	4.628	84	2394	1.132	ug/l	92
25) 2-Butanone	6.909	43	3667	5.744	ug/l	98
31) Cyclohexane	7.713	56	5435	1.479	ug/l #	47
36) 1,1-Dichloropropene	7.707	75	16955	5.098	ug/l #	48
38) Carbon Tetrachloride	7.707	117	18600	5.562	ug/l #	17
76) 1,2,3-Trichloropropane	12.401	75	74446	72.049	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	74446	154.976	ug/l #	16
95) Naphthalene	15.145	128	16054	5.084	ug/l	99

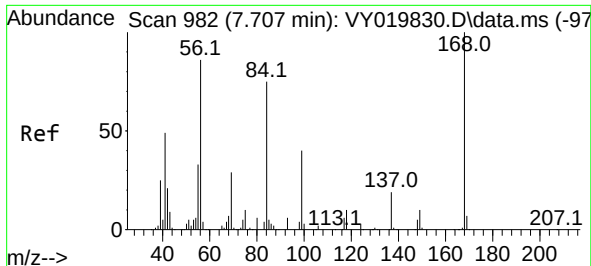
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110524\
Data File : VY020160.D
Acq On : 05 Nov 2024 12:35
Operator : SY/MD
Sample : P4679-03
Misc : 5.35g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 06 00:23:58 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

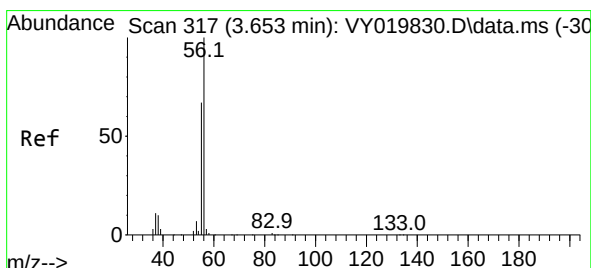
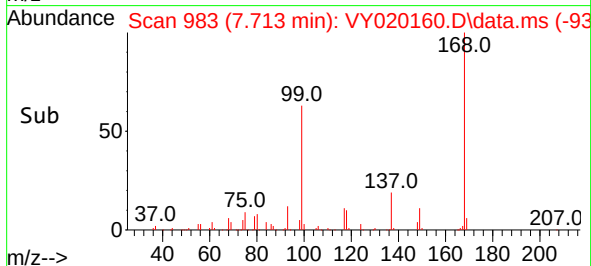
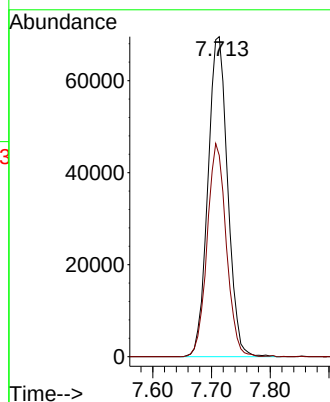
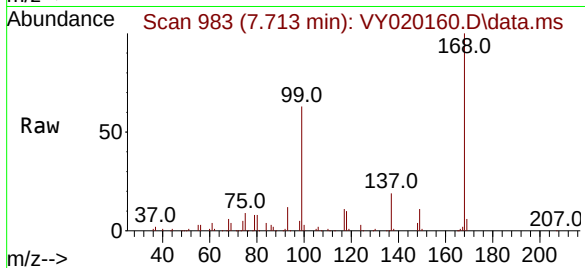




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020160.D
Acq: 05 Nov 2024 12:35

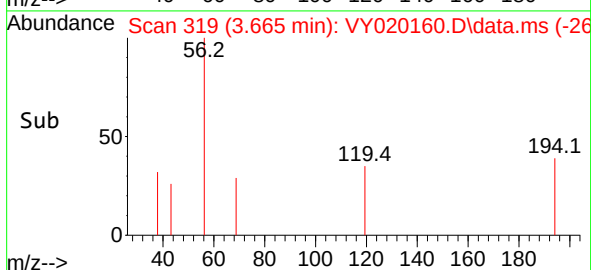
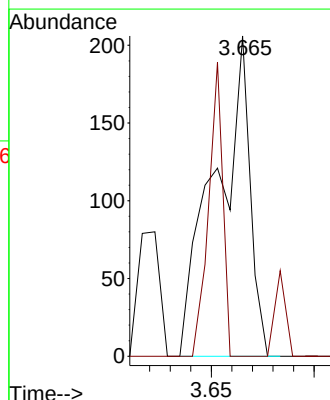
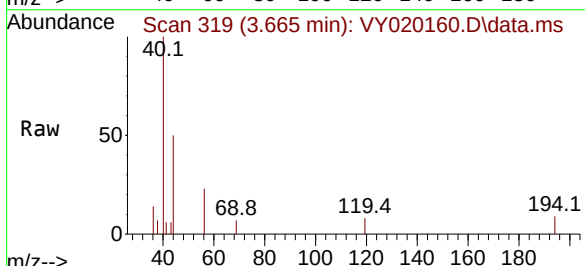
Instrument :
MSVOA_Y
ClientSampleId :

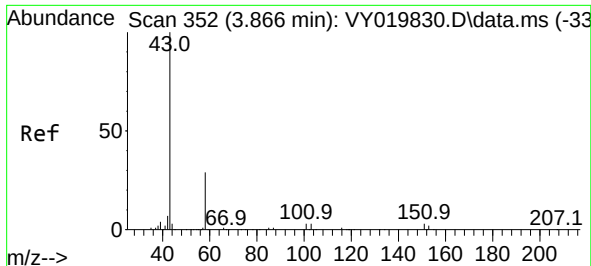
Tgt Ion:168 Resp: 162272
Ion Ratio Lower Upper
168 100
99 62.9 39.1 58.7#



#13
Acrolein
Concen: 1.323 ug/l
RT: 3.665 min Scan# 319
Delta R.T. 0.012 min
Lab File: VY020160.D
Acq: 05 Nov 2024 12:35

Tgt Ion: 56 Resp: 240
Ion Ratio Lower Upper
56 100
55 37.9 55.7 83.5#





#16

Acetone

Concen: 30.107 ug/l

RT: 3.866 min Scan# 3

Delta R.T. -0.006 min

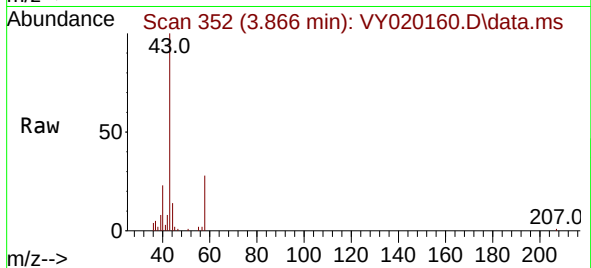
Lab File: VY020160.D

Acq: 05 Nov 2024 12:35

Instrument :

MSVOA_Y

ClientSampleId :

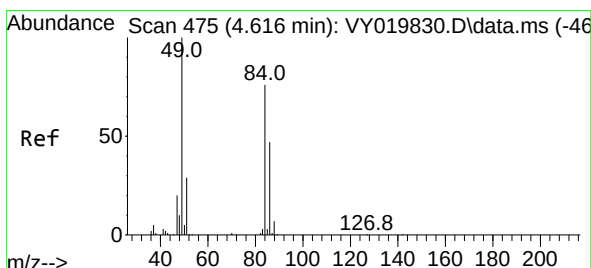
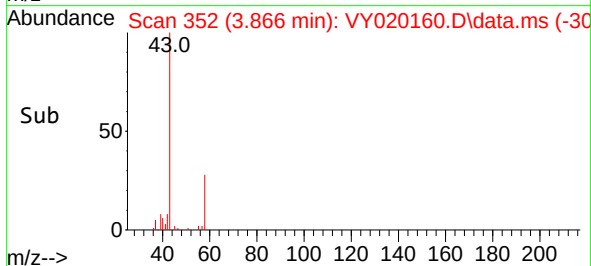
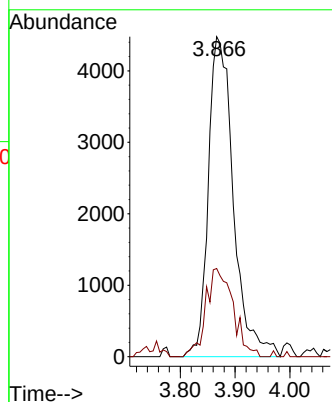


Tgt Ion: 43 Resp: 14180

Ion Ratio Lower Upper

43 100

58 27.6 31.7 47.5#



#20

Methylene Chloride

Concen: 1.132 ug/l

RT: 4.628 min Scan# 477

Delta R.T. 0.012 min

Lab File: VY020160.D

Acq: 05 Nov 2024 12:35

Tgt Ion: 84 Resp: 2394

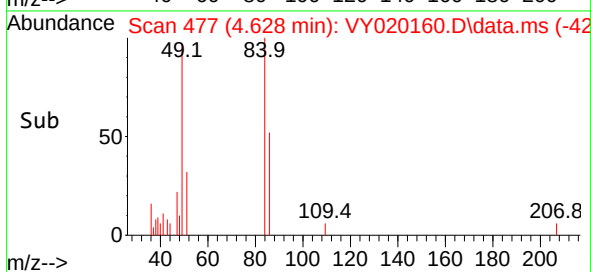
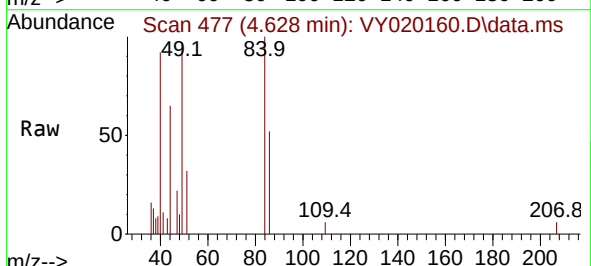
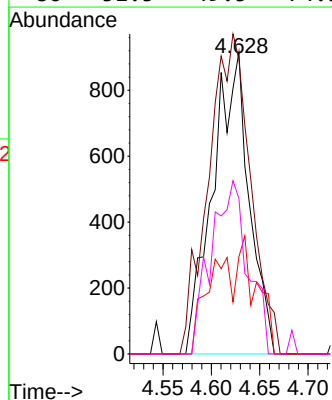
Ion Ratio Lower Upper

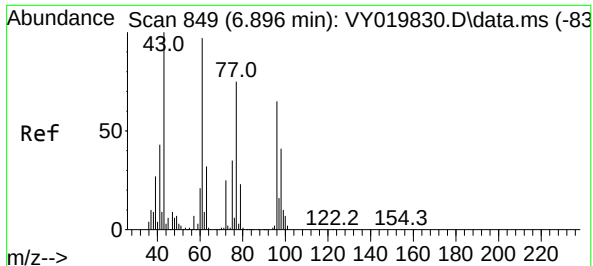
84 100

49 97.5 84.4 126.6

51 32.2 26.0 39.0

86 51.5 49.5 74.3

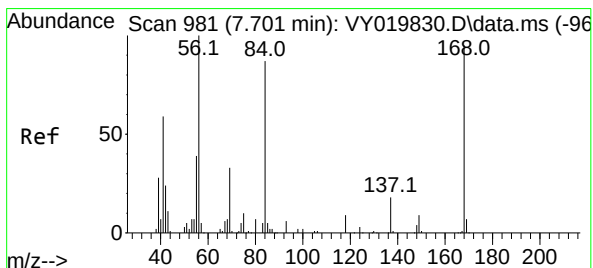
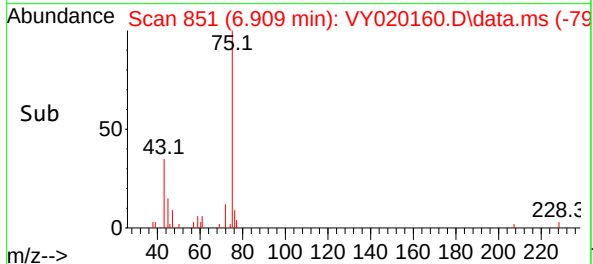
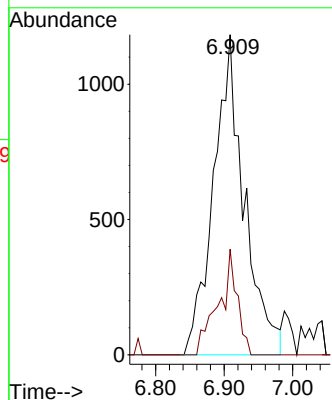
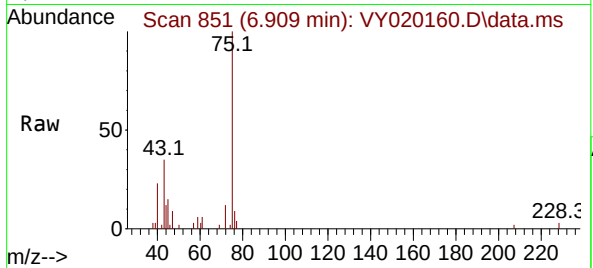




#25
2-Butanone
Concen: 5.744 ug/l
RT: 6.909 min Scan# 849
Delta R.T. 0.019 min
Lab File: VY020160.D
Acq: 05 Nov 2024 12:35

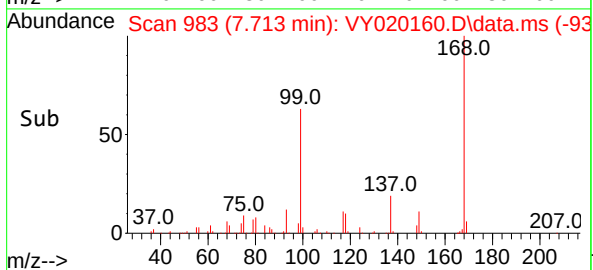
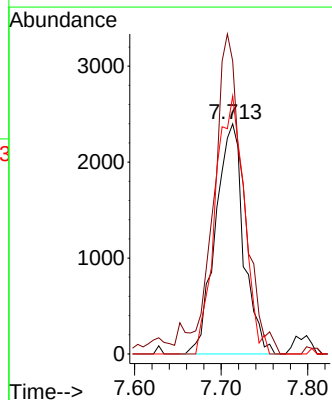
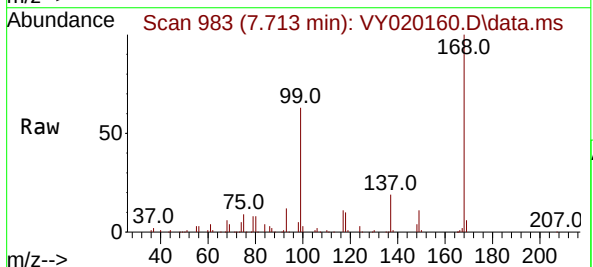
Instrument :
MSVOA_Y
ClientSampleId :

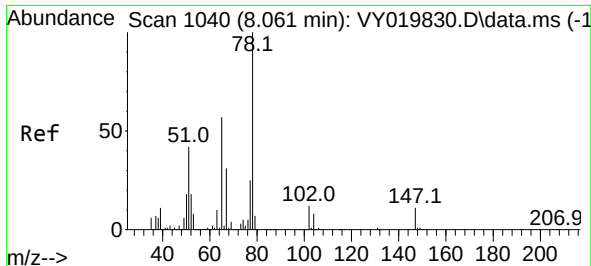
Tgt Ion: 43 Resp: 3667
Ion Ratio Lower Upper
43 100
72 33.0 27.3 40.9



#31
Cyclohexane
Concen: 1.479 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.012 min
Lab File: VY020160.D
Acq: 05 Nov 2024 12:35

Tgt Ion: 56 Resp: 5435
Ion Ratio Lower Upper
56 100
69 127.4 28.7 43.1#
84 112.1 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 57.442 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY020160.D

Acq: 05 Nov 2024 12:35

Instrument :

MSVOA_Y

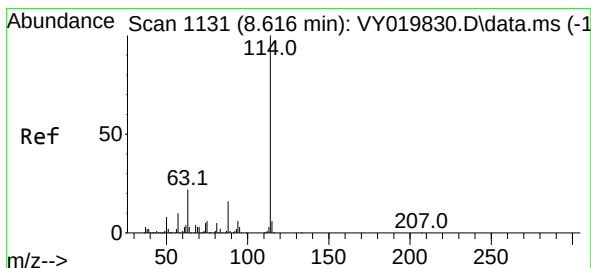
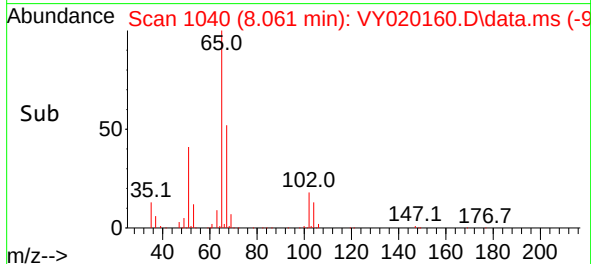
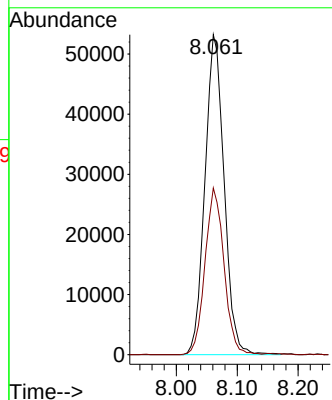
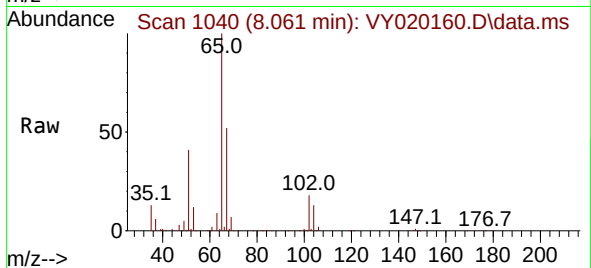
ClientSampleId :

Tgt Ion: 65 Resp: 116335

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: VY020160.D

Acq: 05 Nov 2024 12:35

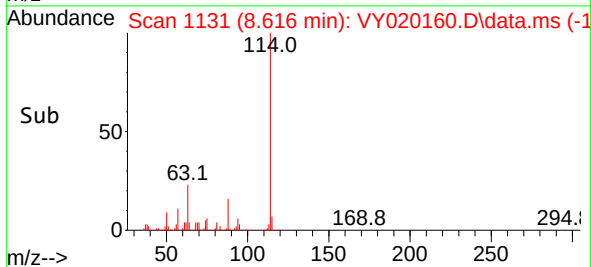
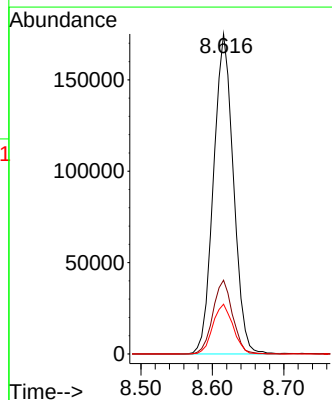
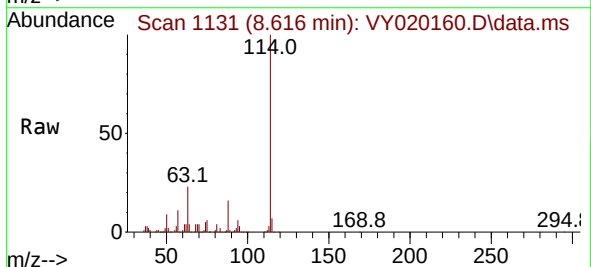
Tgt Ion: 114 Resp: 338622

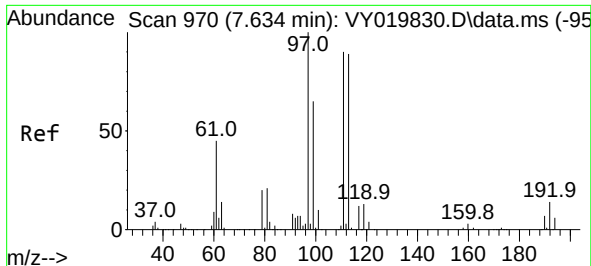
Ion Ratio Lower Upper

114 100

63 23.1 0.0 35.0

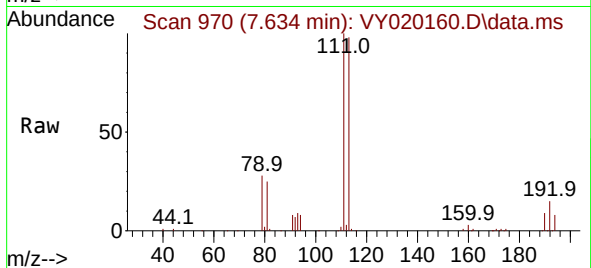
88 15.6 0.0 27.2



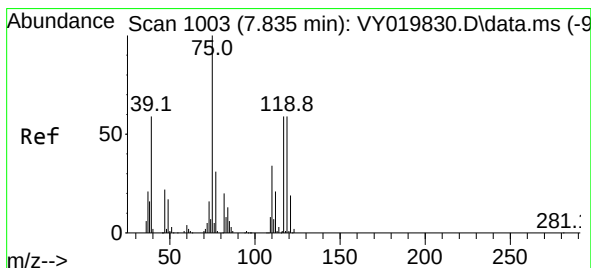
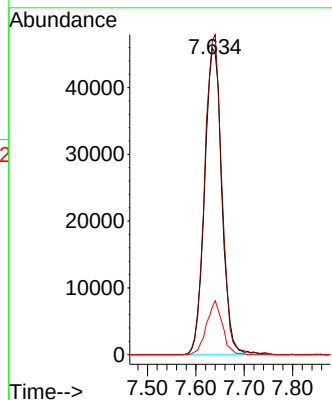
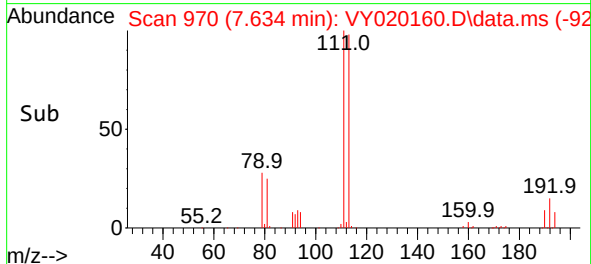


#35
 Dibromofluoromethane
 Concen: 52.900 ug/l
 RT: 7.634 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VY020160.D
 Acq: 05 Nov 2024 12:35

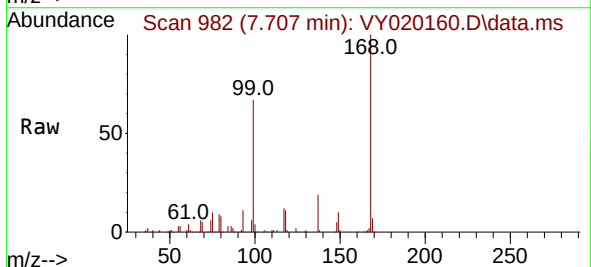
Instrument :
 MSVOA_Y
 ClientSampleId :



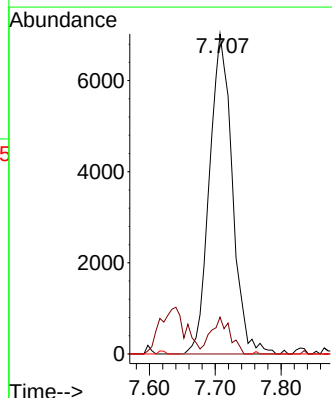
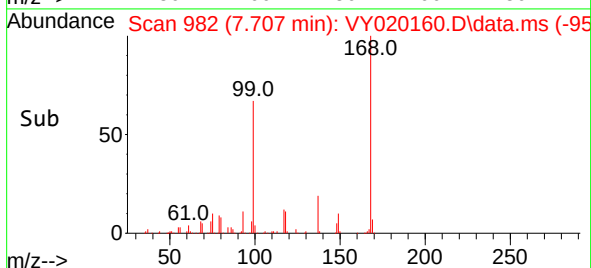
Tgt Ion:113 Resp: 113890
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.2 123.4
 192 16.2 15.9 23.9

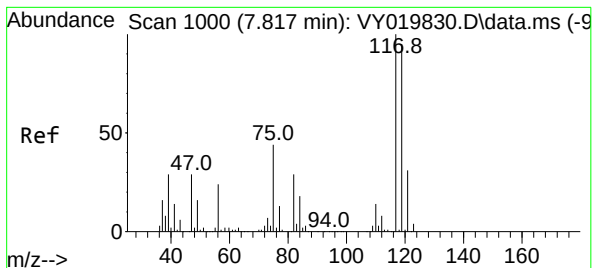


#36
 1,1-Dichloropropene
 Concen: 5.098 ug/l
 RT: 7.707 min Scan# 982
 Delta R.T. -0.128 min
 Lab File: VY020160.D
 Acq: 05 Nov 2024 12:35



Tgt Ion: 75 Resp: 16955
 Ion Ratio Lower Upper
 75 100
 110 9.6 19.0 57.0#
 77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 5.562 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.109 min

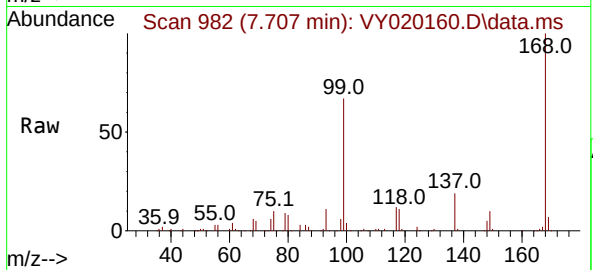
Lab File: VY020160.D

Acq: 05 Nov 2024 12:35

Instrument :

MSVOA_Y

ClientSampleId :



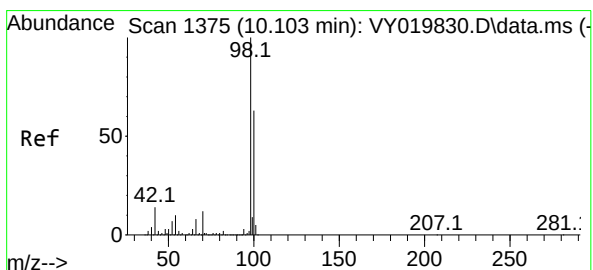
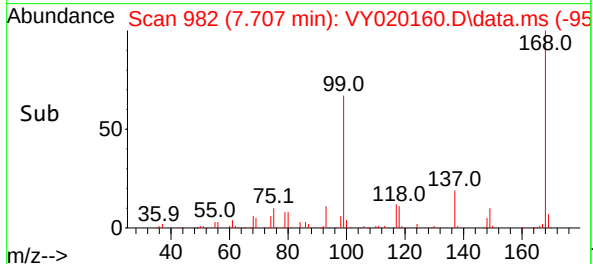
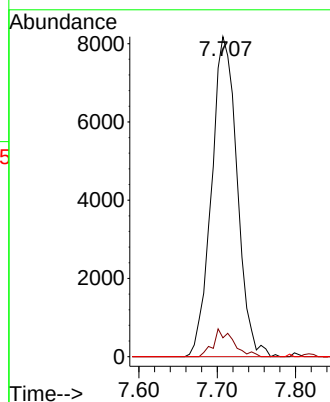
Tgt Ion:117 Resp: 18600

Ion Ratio Lower Upper

117 100

119 5.9 75.8 113.6#

121 0.0 24.0 36.0#



#50

Toluene-d8

Concen: 49.377 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020160.D

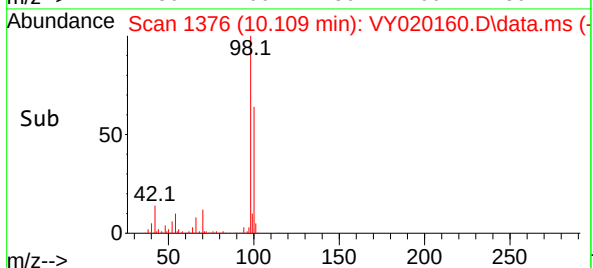
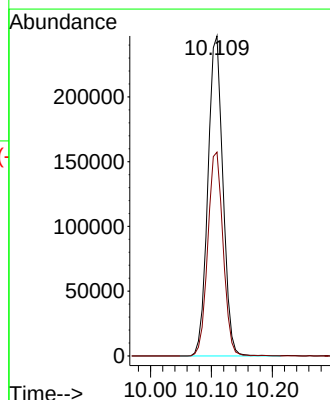
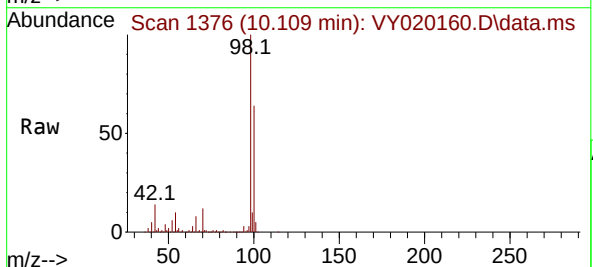
Acq: 05 Nov 2024 12:35

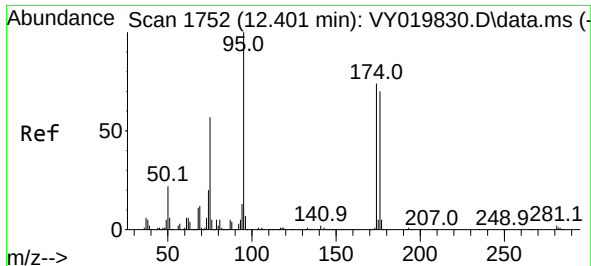
Tgt Ion: 98 Resp: 423149

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0

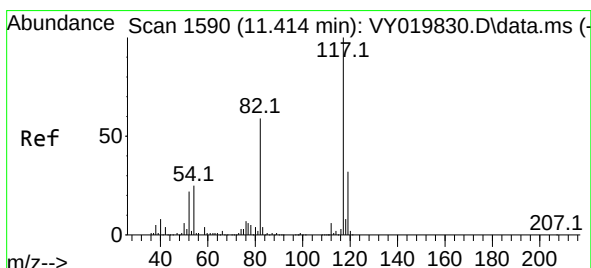
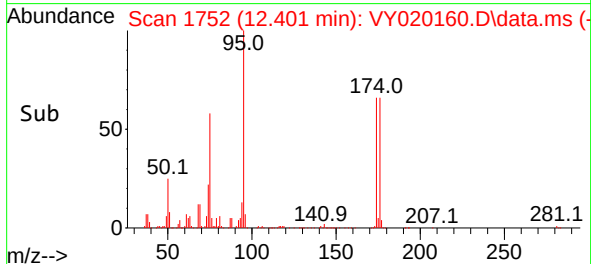
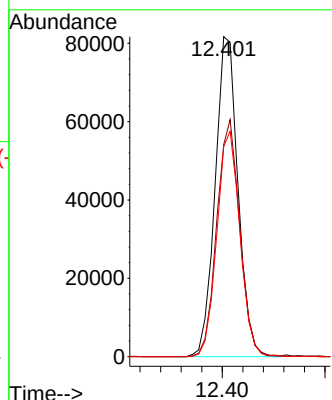
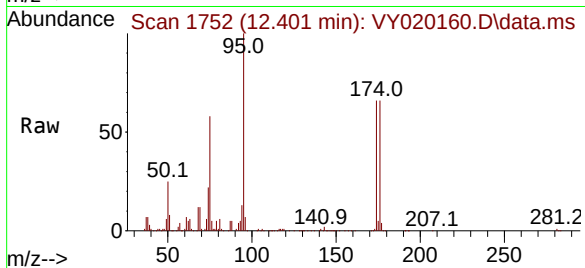




#62
4-Bromofluorobenzene
Concen: 45.236 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY020160.D
Acq: 05 Nov 2024 12:35

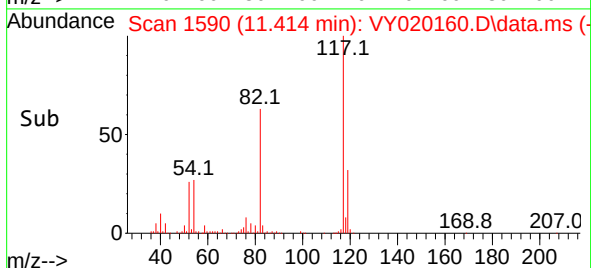
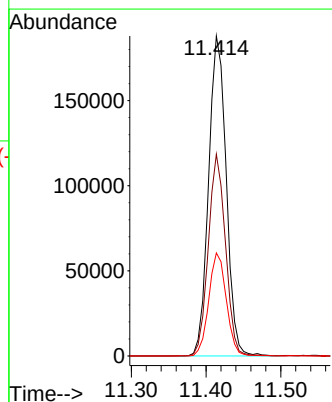
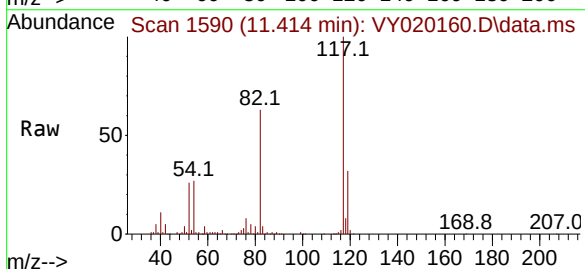
Instrument :
MSVOA_Y
ClientSampleId :

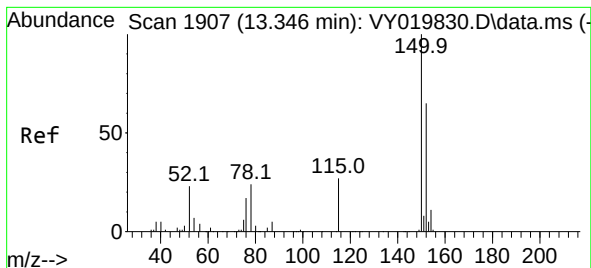
Tgt Ion: 95 Resp: 125918
Ion Ratio Lower Upper
95 100
174 74.3 0.0 175.6
176 70.9 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020160.D
Acq: 05 Nov 2024 12:35

Tgt Ion: 117 Resp: 308000
Ion Ratio Lower Upper
117 100
82 63.0 42.4 63.6
119 32.2 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: VY020160.D

Acq: 05 Nov 2024 12:35

Instrument :

MSVOA_Y

ClientSampleId :

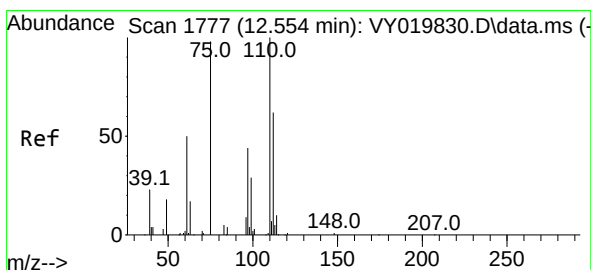
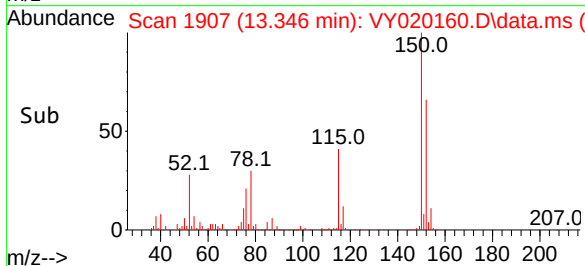
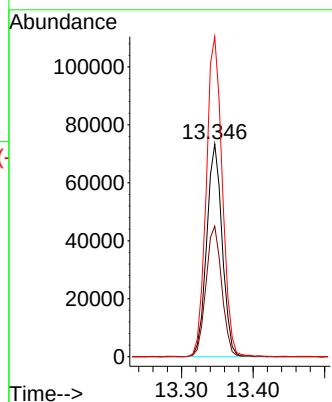
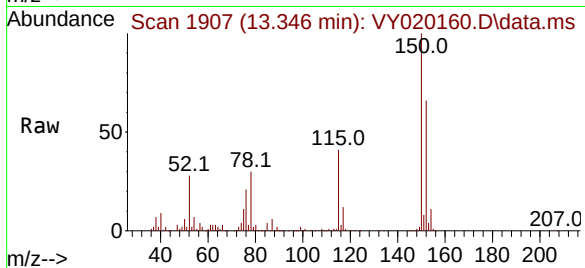
Tgt Ion:152 Resp: 110227

Ion Ratio Lower Upper

152 100

115 62.7 28.2 84.7

150 155.5 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 72.049 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.158 min

Lab File: VY020160.D

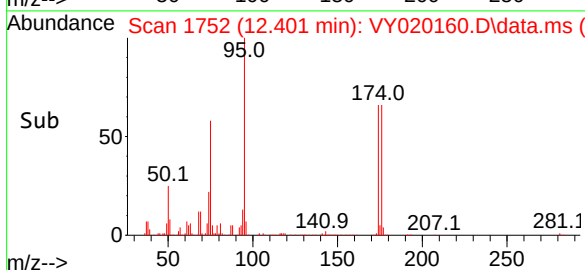
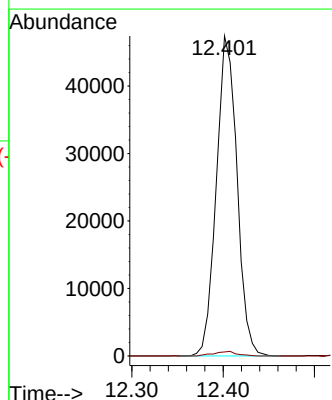
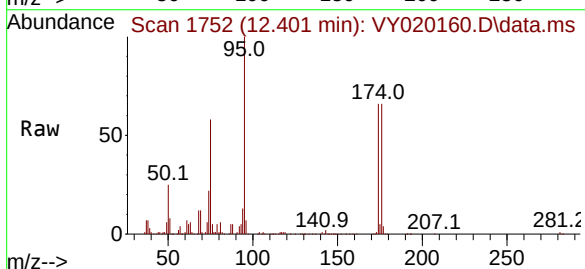
Acq: 05 Nov 2024 12:35

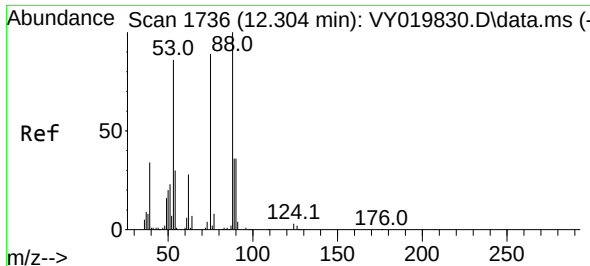
Tgt Ion: 75 Resp: 74446

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#

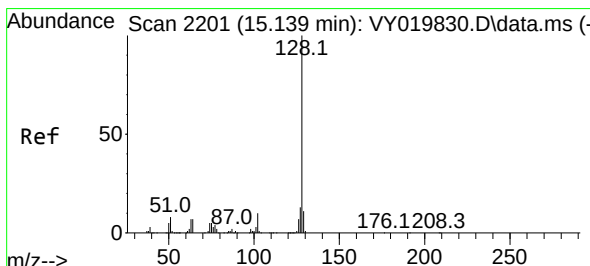
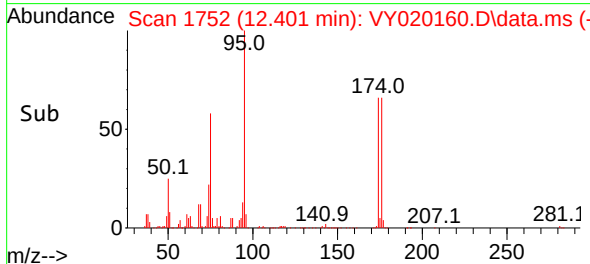
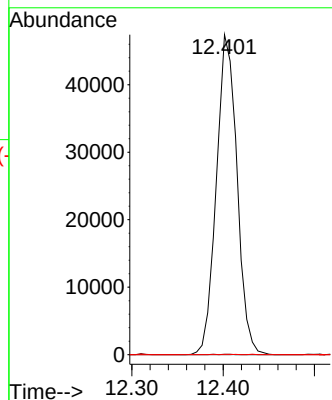
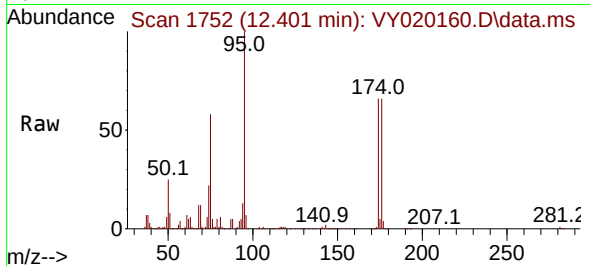




#81
trans-1,4-Dichloro-2-butene
Concen: 154.976 ug/l
RT: 12.401 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY020160.D
Acq: 05 Nov 2024 12:35

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 74446
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 5.084 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VY020160.D
Acq: 05 Nov 2024 12:35

Tgt Ion: 128 Resp: 16054
Ion Ratio Lower Upper
128 100
127 13.6 10.6 16.0
129 10.7 8.6 13.0

