

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120624\
 Data File : VY020535.D
 Acq On : 06 Dec 2024 14:43
 Operator : SY/MD
 Sample : P5100-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 07 03:25:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

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

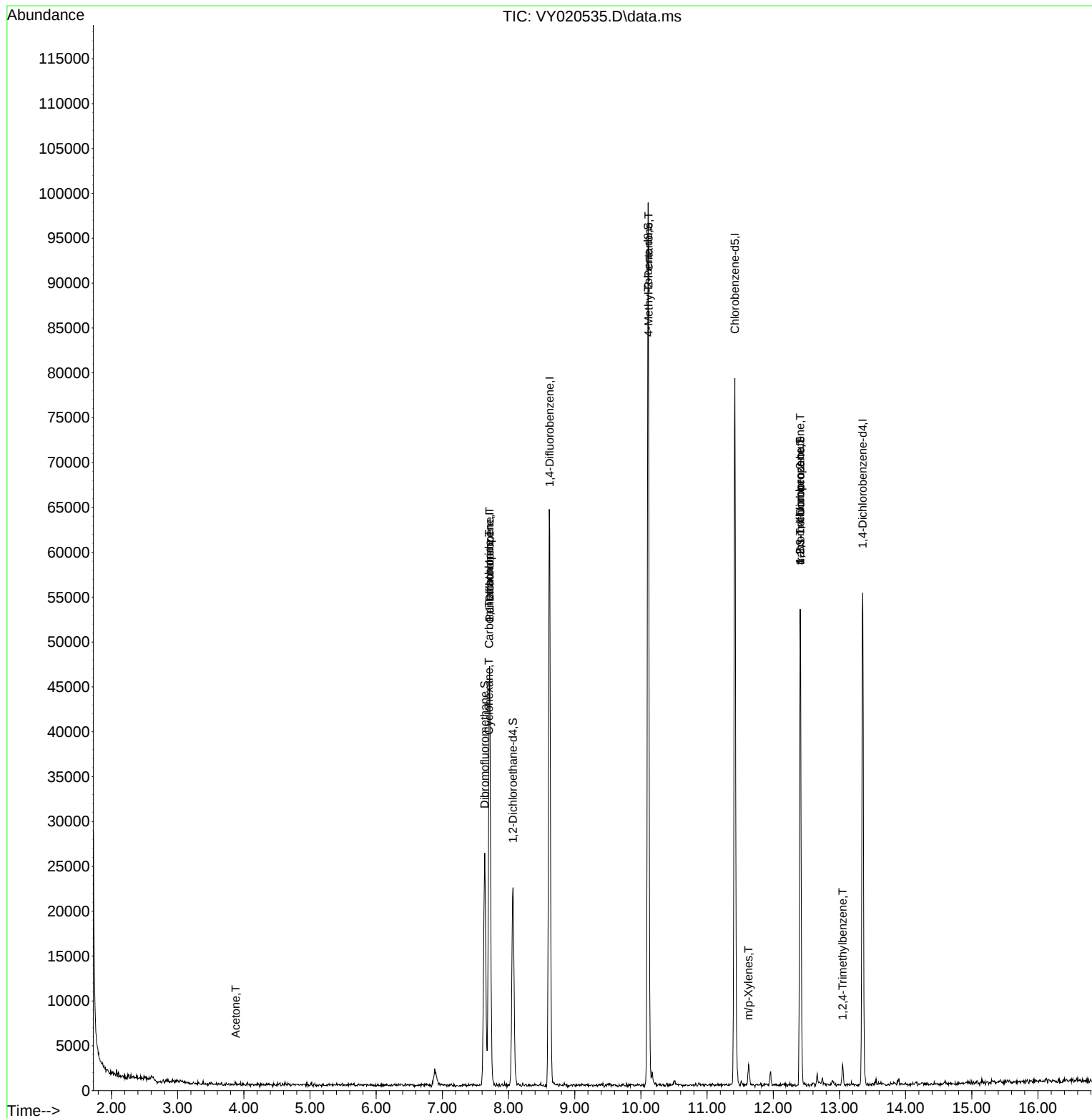
Internal Standards						
1) Pentafluorobenzene	7.713	168	34590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	54202	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	40905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	13906	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	18858	53.606	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 107.220%		
35) Dibromofluoromethane	7.640	113	17744	52.001	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 104.000%		
50) Toluene-d8	10.109	98	61602	47.410	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 94.820%		
62) 4-Bromofluorobenzene	12.408	95	16764	36.890	ug/l	0.00
Spiked Amount	50.000	Range 29 - 146	Recovery	= 73.780%		
Target Compounds						
					Qvalue	
16) Acetone	3.879	43	113	1.292	ug/l #	43
31) Cyclohexane	7.701	56	855	1.234	ug/l #	63
36) 1,1-Dichloropropene	7.713	75	2866	4.974	ug/l #	52
38) Carbon Tetrachloride	7.707	117	3513	5.108	ug/l #	15
51) 4-Methyl-2-Pentanone	10.115	43	290	1.274	ug/l #	1
68) m/p-Xylenes	11.627	106	781	1.110	ug/l	92
76) 1,2,3-Trichloropropane	12.408	75	9003	63.554	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	9003	130.404	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.048	105	1691	1.614	ug/l	95

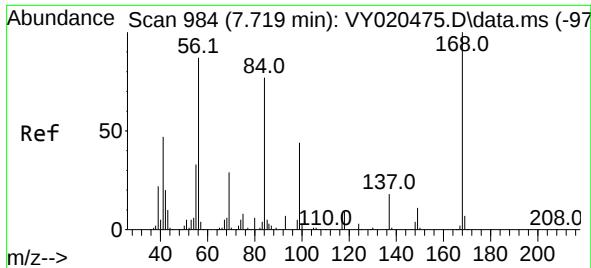
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120624\
Data File : VY020535.D
Acq On : 06 Dec 2024 14:43
Operator : SY/MD
Sample : P5100-01
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Dec 07 03:25:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 03 01:39:23 2024
Response via : Initial Calibration

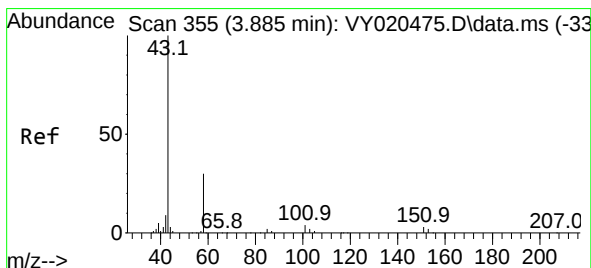
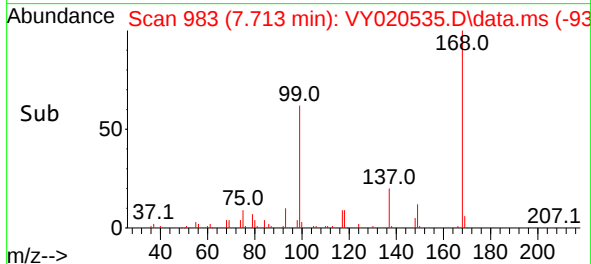
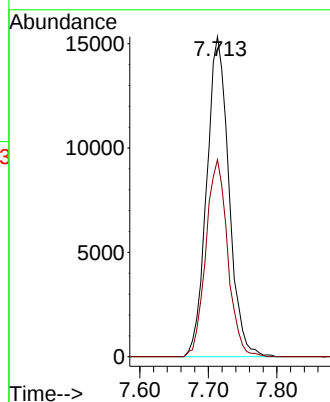
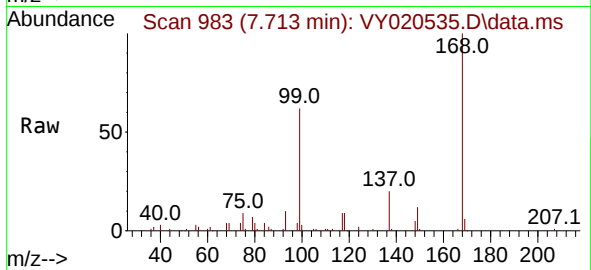




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020535.D
Acq: 06 Dec 2024 14:43

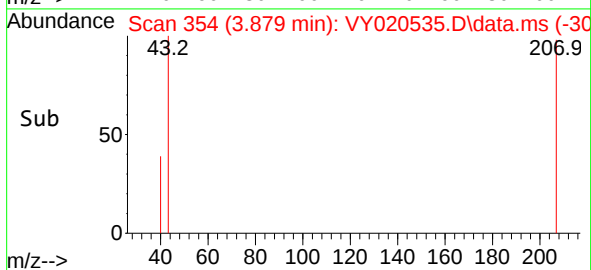
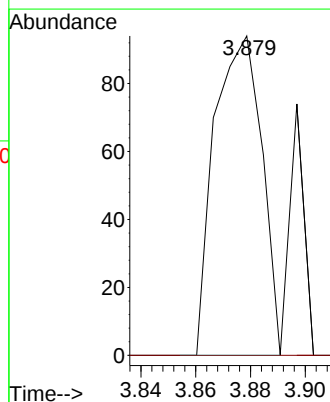
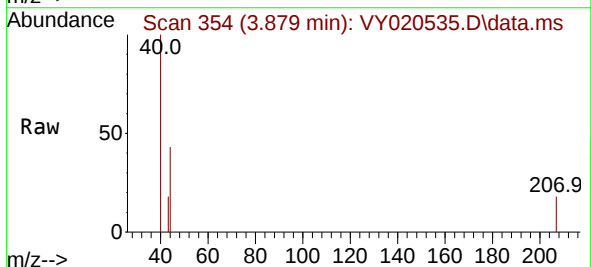
Instrument :
MSVOA_Y
ClientSampleId :

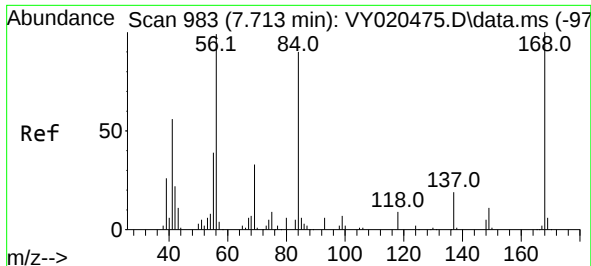
Tgt Ion:168 Resp: 34590
Ion Ratio Lower Upper
168 100
99 61.5 46.6 69.8



#16
Acetone
Concen: 1.292 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.006 min
Lab File: VY020535.D
Acq: 06 Dec 2024 14:43

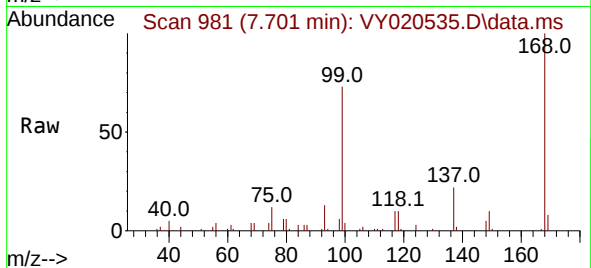
Tgt Ion: 43 Resp: 113
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#



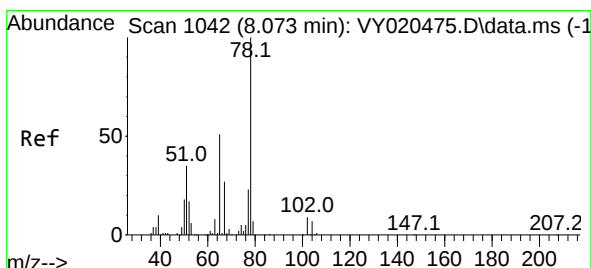
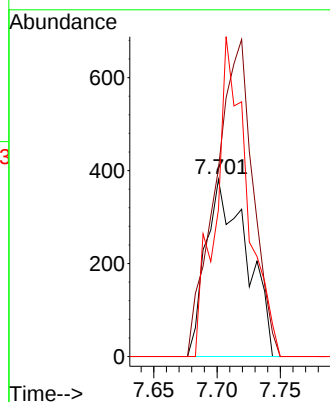
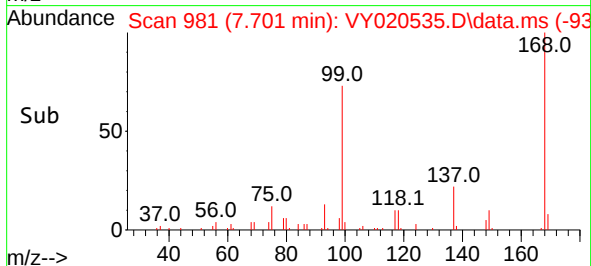


#31
Cyclohexane
Concen: 1.234 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.012 min
Lab File: VY020535.D
Acq: 06 Dec 2024 14:43

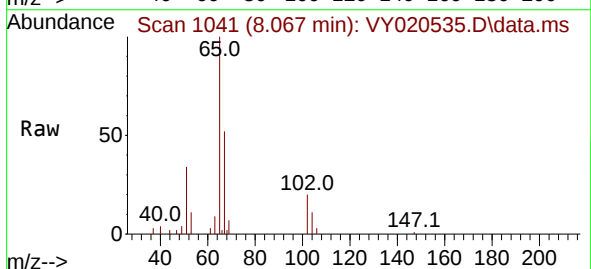
Instrument :
MSVOA_Y
ClientSampleId :



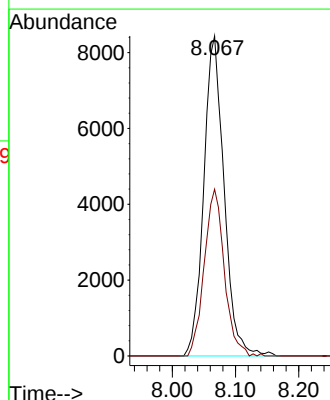
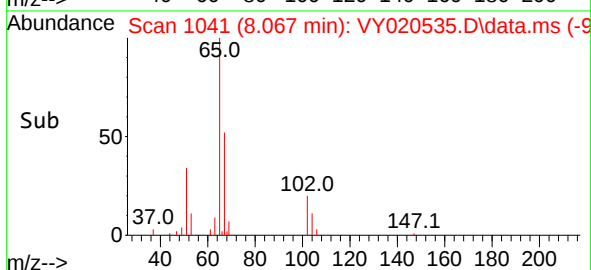
Tgt Ion: 56 Resp: 855
Ion Ratio Lower Upper
56 100
69 105.8 25.3 37.9#
84 82.9 66.9 100.3

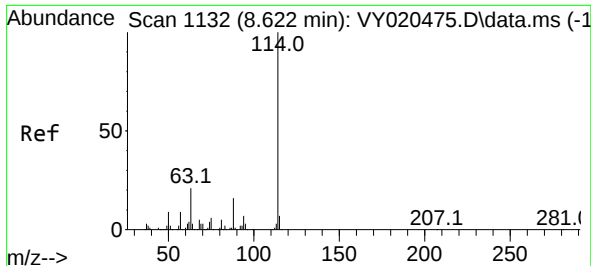


#33
1,2-Dichloroethane-d4
Concen: 53.606 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY020535.D
Acq: 06 Dec 2024 14:43



Tgt Ion: 65 Resp: 18858
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY020535.D

Acq: 06 Dec 2024 14:43

Instrument :

MSVOA_Y

ClientSampleId :

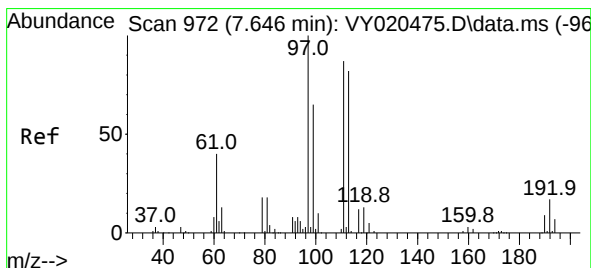
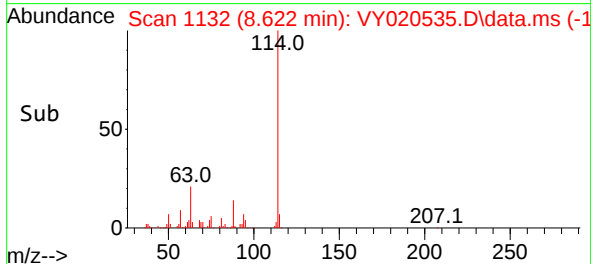
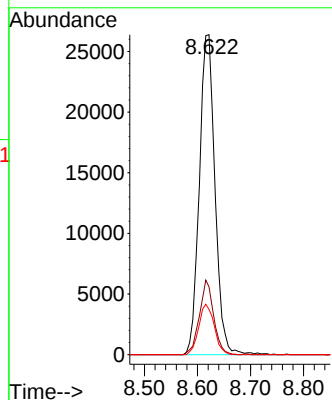
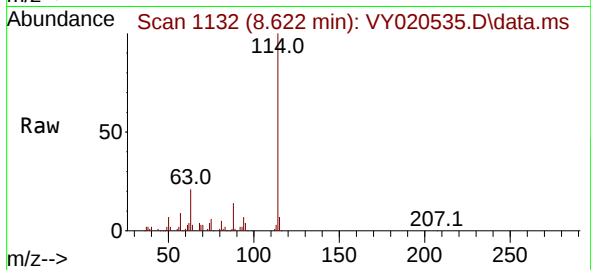
Tgt Ion:114 Resp: 54202

Ion Ratio Lower Upper

114 100

63 21.2 0.0 44.8

88 14.2 0.0 32.0



#35

Dibromofluoromethane

Concen: 52.001 ug/l

RT: 7.640 min Scan# 971

Delta R.T. -0.006 min

Lab File: VY020535.D

Acq: 06 Dec 2024 14:43

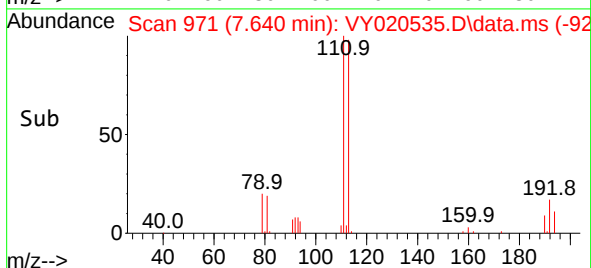
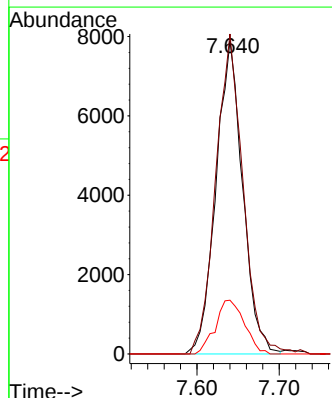
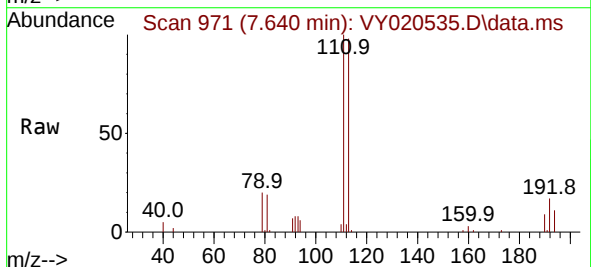
Tgt Ion:113 Resp: 17744

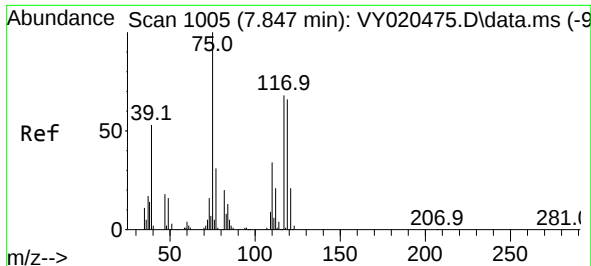
Ion Ratio Lower Upper

113 100

111 104.7 81.4 122.0

192 18.7 15.1 22.7





#36

1,1-Dichloropropene

Concen: 4.974 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY020535.D

Acq: 06 Dec 2024 14:43

Instrument :

MSVOA_Y

ClientSampleId :

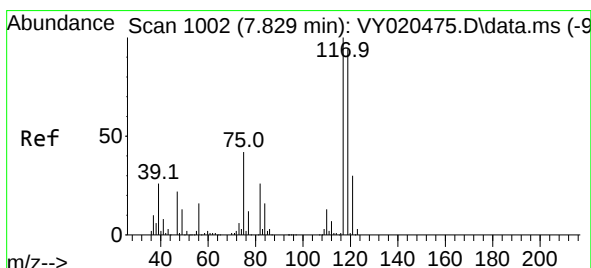
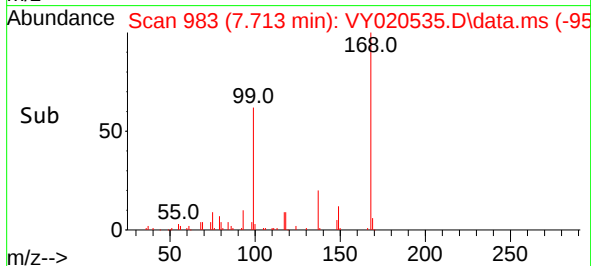
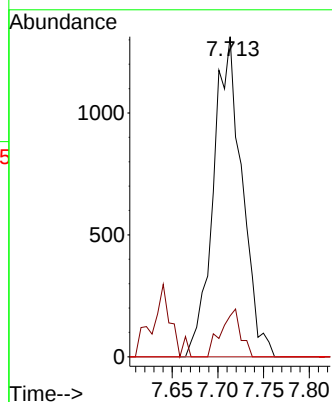
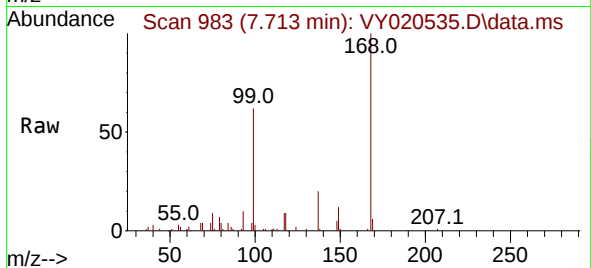
Tgt Ion: 75 Resp: 2866

Ion Ratio Lower Upper

75 100

110 10.2 16.7 50.0#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 5.108 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.122 min

Lab File: VY020535.D

Acq: 06 Dec 2024 14:43

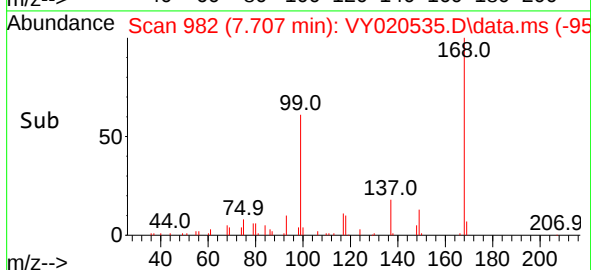
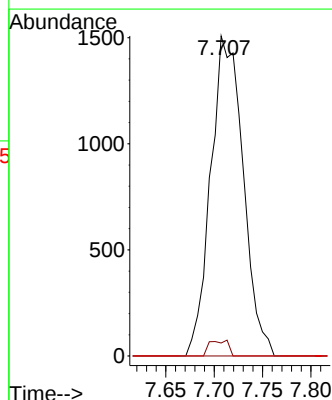
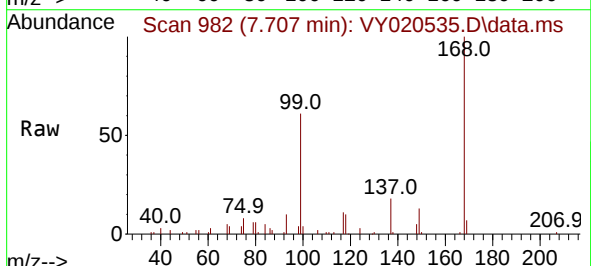
Tgt Ion: 117 Resp: 3513

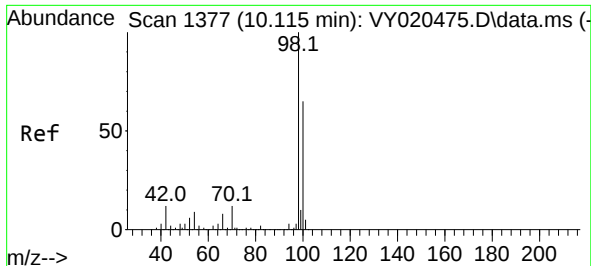
Ion Ratio Lower Upper

117 100

119 4.0 77.8 116.6#

121 0.0 24.6 37.0#

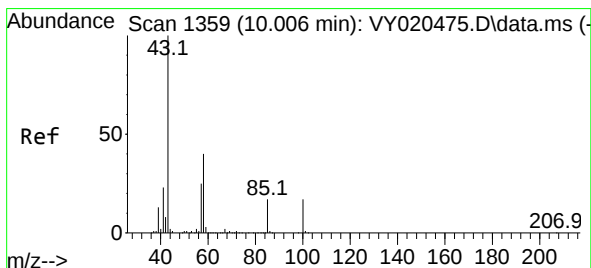
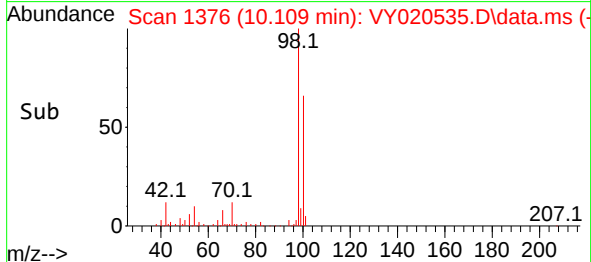
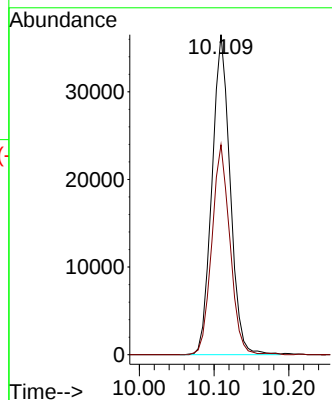
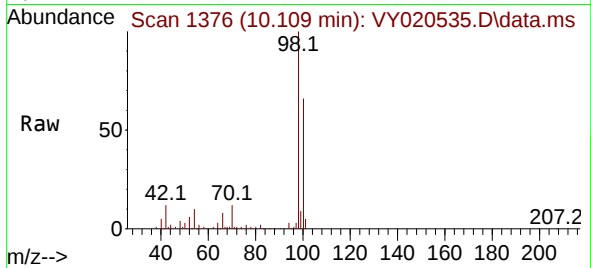




#50
Toluene-d8
Concen: 47.410 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020535.D
Acq: 06 Dec 2024 14:43

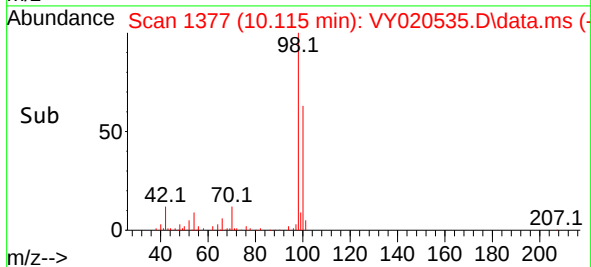
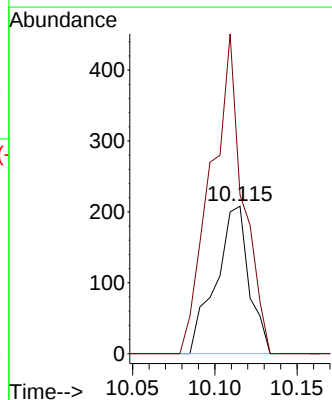
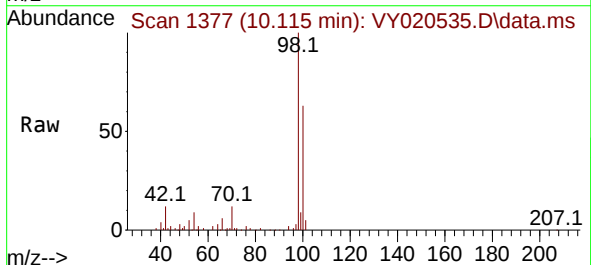
Instrument :
MSVOA_Y
ClientSampleId :

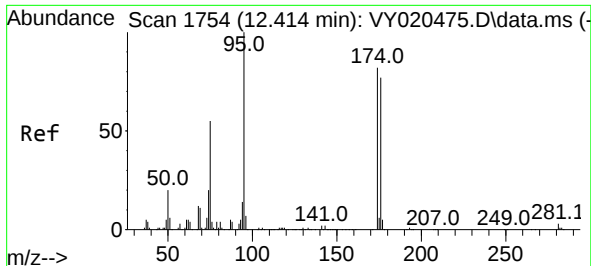
Tgt Ion: 98 Resp: 61602
Ion Ratio Lower Upper
98 100
100 65.2 51.3 76.9



#51
4-Methyl-2-Pentanone
Concen: 1.274 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.110 min
Lab File: VY020535.D
Acq: 06 Dec 2024 14:43

Tgt Ion: 43 Resp: 290
Ion Ratio Lower Upper
43 100
58 212.8 30.9 46.3#

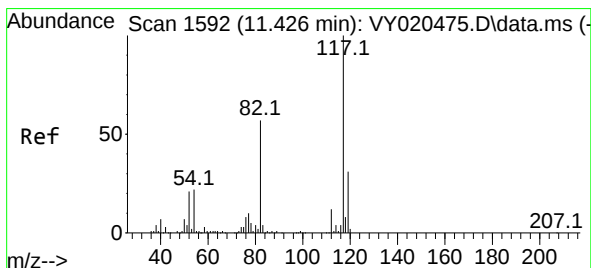
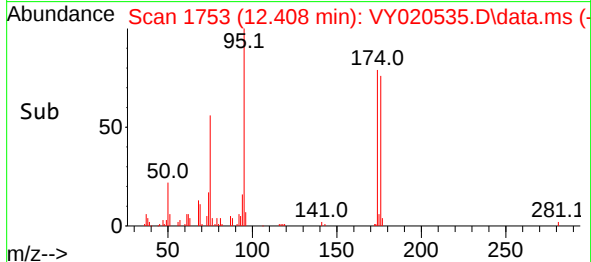
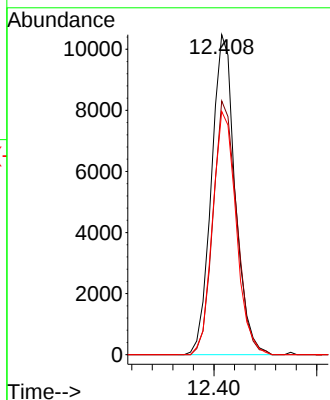
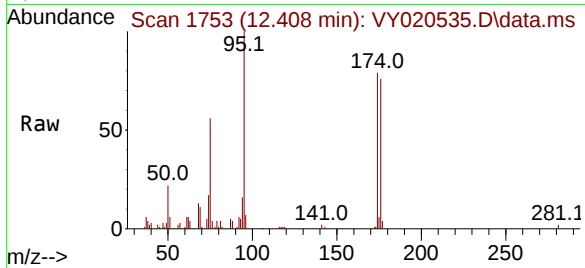




#62
4-Bromofluorobenzene
Concen: 36.890 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY020535.D
Acq: 06 Dec 2024 14:43

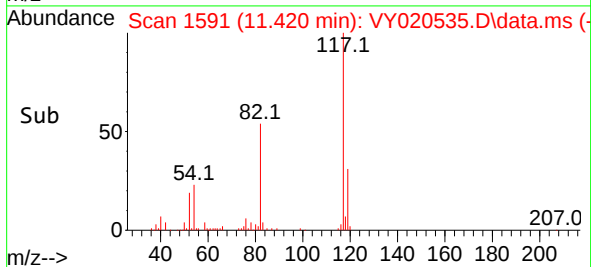
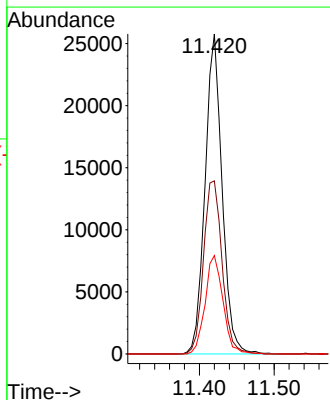
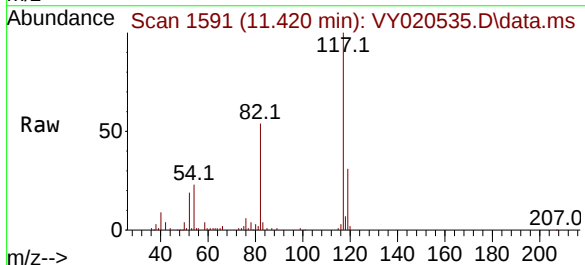
Instrument :
MSVOA_Y
ClientSampleId :

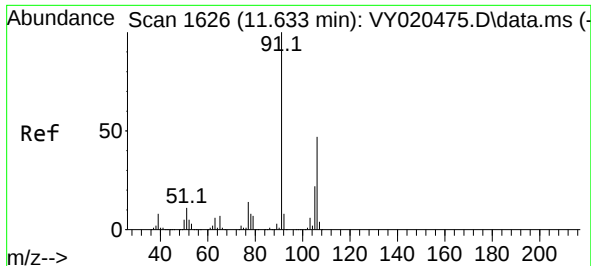
Tgt Ion: 95 Resp: 16764
Ion Ratio Lower Upper
95 100
174 78.9 0.0 156.8
176 75.7 0.0 152.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.006 min
Lab File: VY020535.D
Acq: 06 Dec 2024 14:43

Tgt Ion: 117 Resp: 40905
Ion Ratio Lower Upper
117 100
82 54.1 48.2 72.4
119 30.8 25.8 38.8

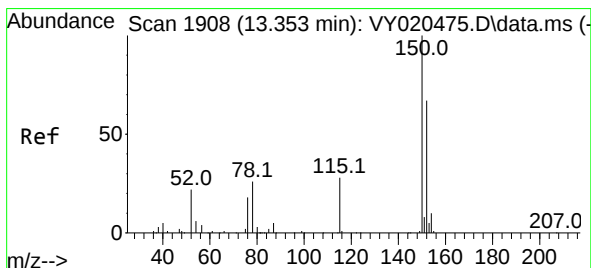
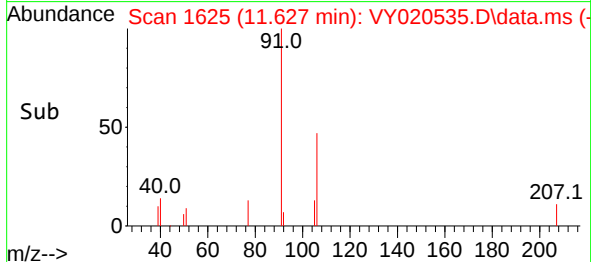
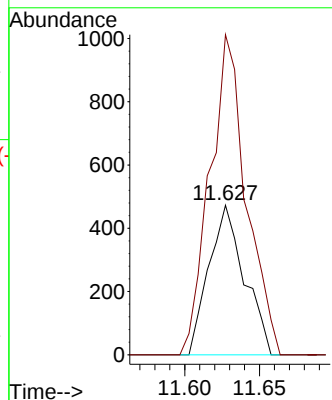
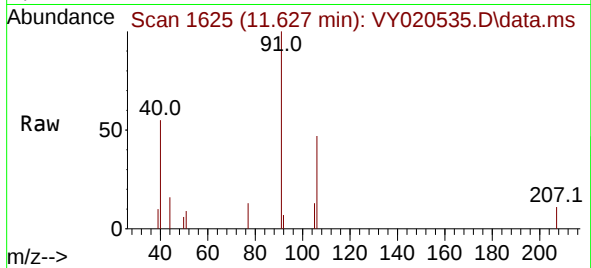




#68
m/p-Xylenes
Concen: 1.110 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY020535.D
Acq: 06 Dec 2024 14:43

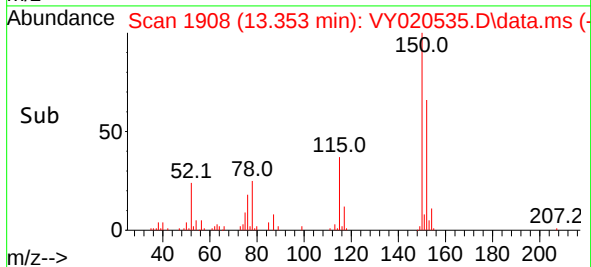
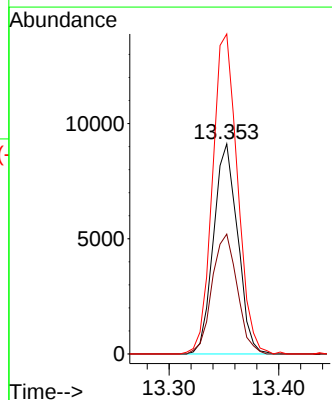
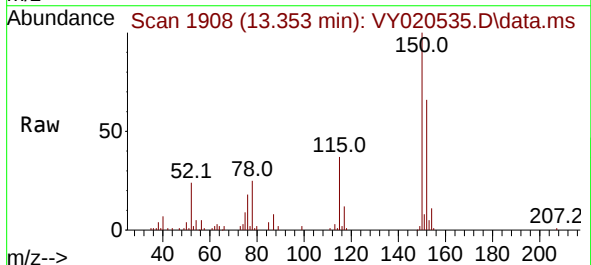
Instrument :
MSVOA_Y
ClientSampleId :

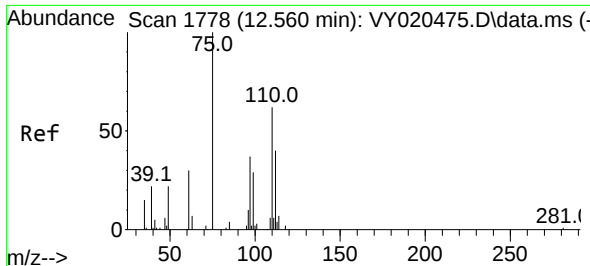
Tgt Ion:106 Resp: 781
Ion Ratio Lower Upper
106 100
91 219.8 166.0 249.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY020535.D
Acq: 06 Dec 2024 14:43

Tgt Ion:152 Resp: 13906
Ion Ratio Lower Upper
152 100
115 59.8 30.0 90.0
150 158.5 0.0 348.2

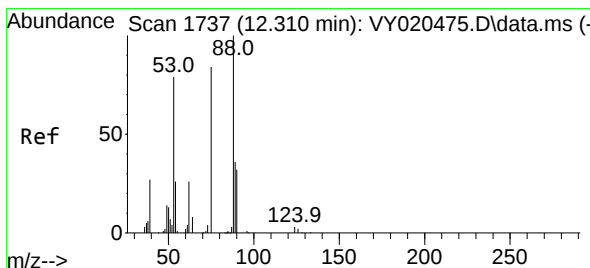
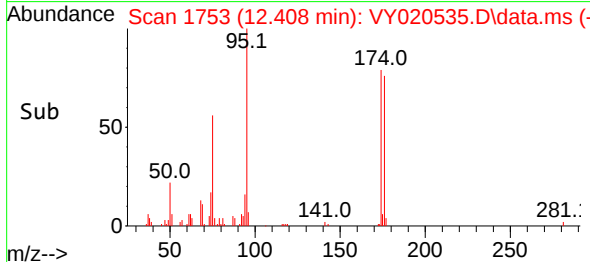
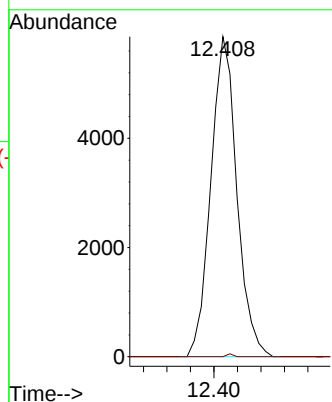
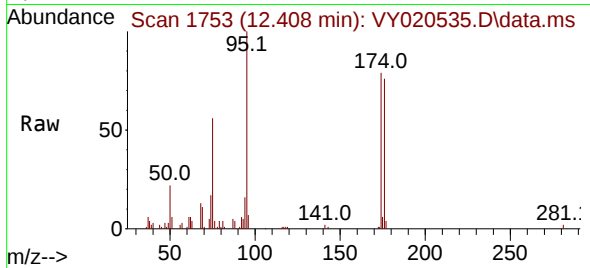




#76
1,2,3-Trichloropropane
Concen: 63.554 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY020535.D
Acq: 06 Dec 2024 14:43

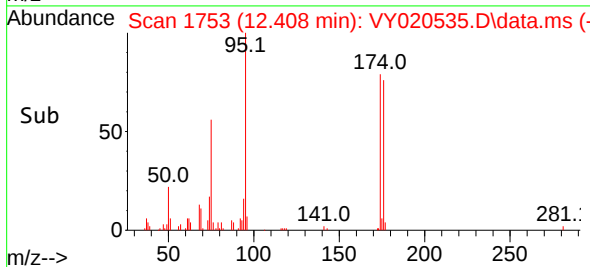
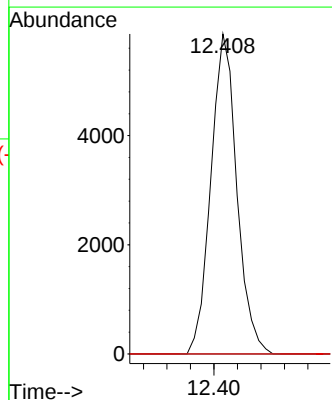
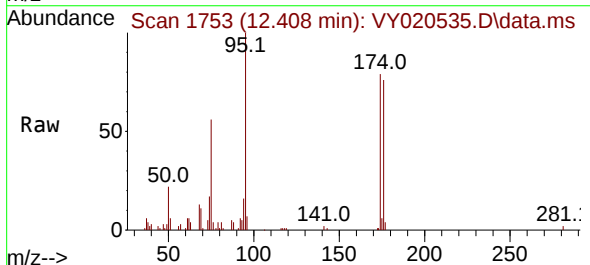
Instrument :
MSVOA_Y
ClientSampleId :

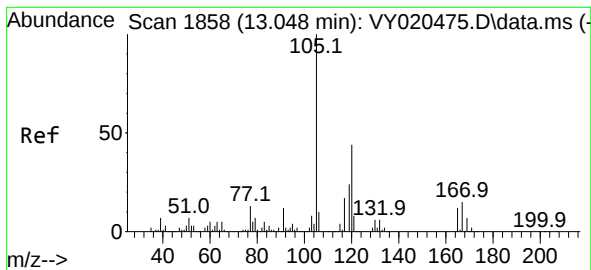
Tgt Ion: 75 Resp: 9003
Ion Ratio Lower Upper
75 100
77 0.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 130.404 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.098 min
Lab File: VY020535.D
Acq: 06 Dec 2024 14:43

Tgt Ion: 75 Resp: 9003
Ion Ratio Lower Upper
75 100
53 0.0 81.1 121.7#
89 0.0 35.1 52.7#





#84

1,2,4-Trimethylbenzene

Concen: 1.614 ug/l

RT: 13.048 min Scan# 11

Delta R.T. -0.000 min

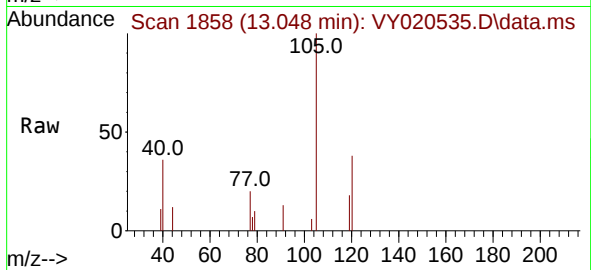
Lab File: VY020535.D

Acq: 06 Dec 2024 14:43

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:105 Resp: 1691

Ion Ratio Lower Upper

105 100

120 47.0 22.0 66.0

