

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121924\
 Data File : VY020657.D
 Acq On : 19 Dec 2024 15:59
 Operator : SY/MD
 Sample : P5306-11
 Misc : 4.59g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-VSL-12-121224

Quant Time: Dec 20 00:56:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

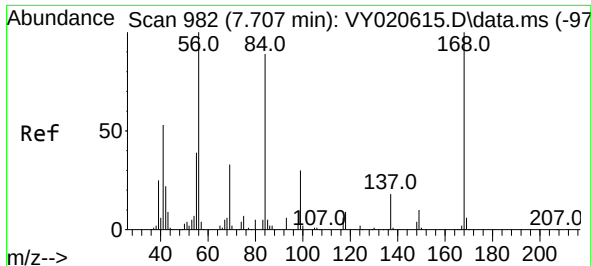
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	165561	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	306101	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	271225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	106870	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	110299	60.830	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.660%	
35) Dibromofluoromethane	7.634	113	110350	51.151	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.300%	
50) Toluene-d8	10.109	98	474309	62.814	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 125.620%	
62) 4-Bromofluorobenzene	12.408	95	144370	48.877	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 97.760%	
Target Compounds						
					Qvalue	
16) Acetone	3.879	43	376	Below Cal	#	43
30) Chloroform	7.433	83	1558	Below Cal		88
36) 1,1-Dichloropropene	7.707	75	13035	3.314	ug/l #	51
38) Carbon Tetrachloride	7.707	117	17276	3.969	ug/l #	15
76) 1,2,3-Trichloropropane	12.408	75	76353	68.776	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	76353	144.363	ug/l #	12

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

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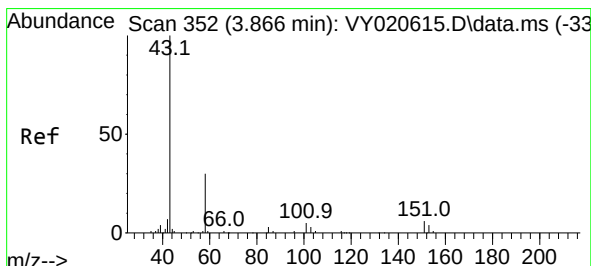
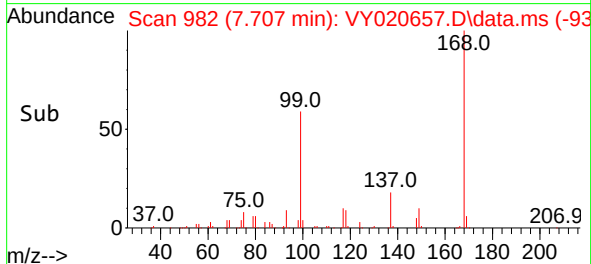
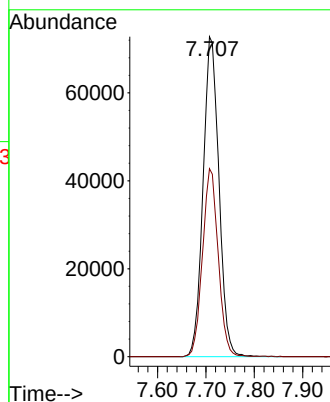
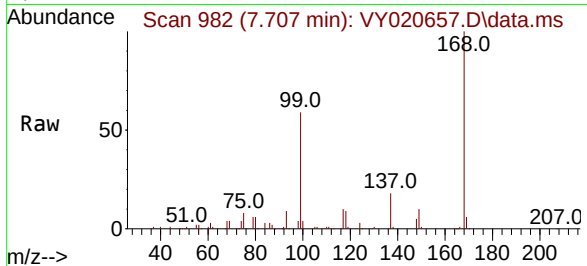




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020657.D
Acq: 19 Dec 2024 15:59

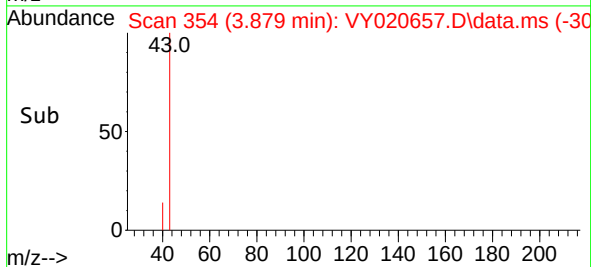
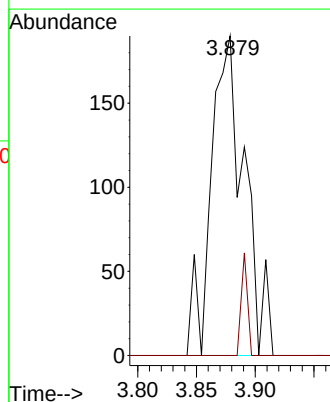
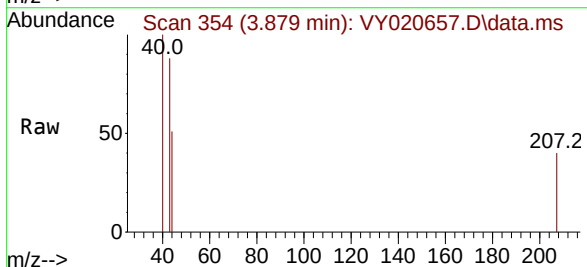
Instrument :
MSVOA_Y
ClientSampleId :
OU4-VSL-12-121224

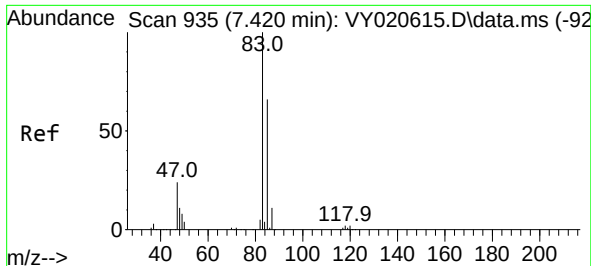
Tgt Ion:168 Resp: 165561
Ion Ratio Lower Upper
168 100
99 58.8 47.0 70.6



#16
Acetone
Concen: Below Cal
RT: 3.879 min Scan# 354
Delta R.T. 0.013 min
Lab File: VY020657.D
Acq: 19 Dec 2024 15:59

Tgt Ion: 43 Resp: 376
Ion Ratio Lower Upper
43 100
58 0.0 25.0 37.6#

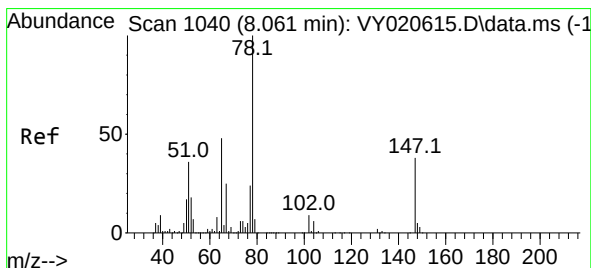
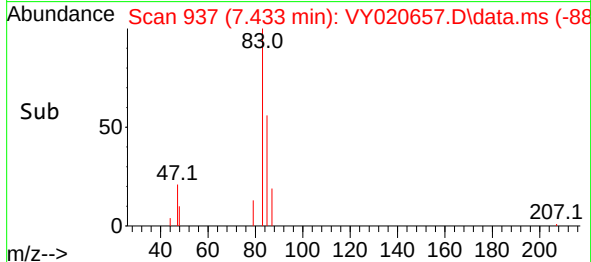
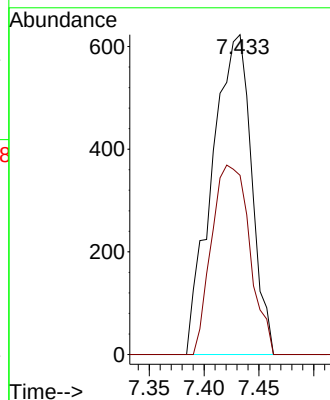
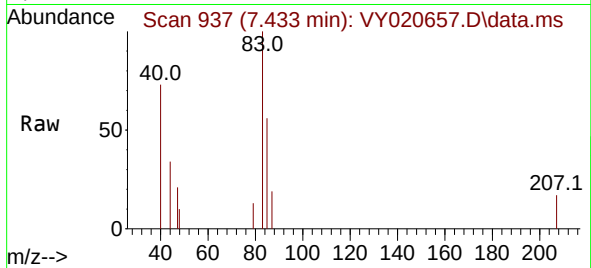




#30
Chloroform
Concen: Below Cal
RT: 7.433 min Scan# 91
Delta R.T. 0.013 min
Lab File: VY020657.D
Acq: 19 Dec 2024 15:59

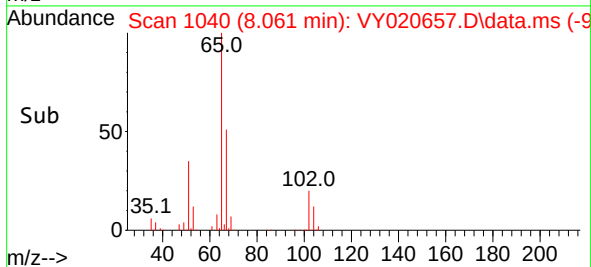
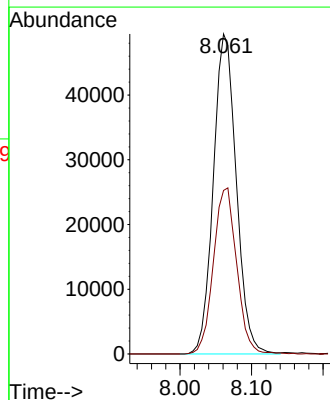
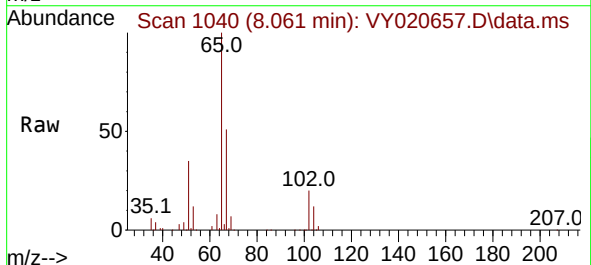
Instrument :
MSVOA_Y
ClientSampleId :
OU4-VSL-12-121224

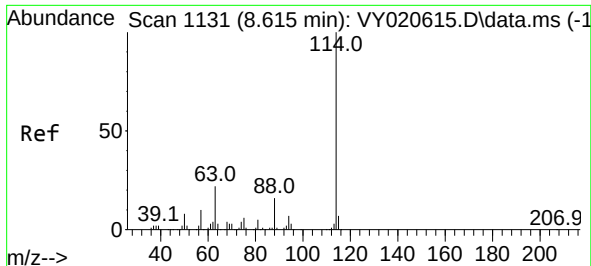
Tgt Ion: 83 Resp: 1558
Ion Ratio Lower Upper
83 100
85 56.0 52.7 79.1



#33
1,2-Dichloroethane-d4
Concen: 60.830 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020657.D
Acq: 19 Dec 2024 15:59

Tgt Ion: 65 Resp: 110299
Ion Ratio Lower Upper
65 100
67 52.6 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020657.D

Acq: 19 Dec 2024 15:59

Instrument :

MSVOA_Y

ClientSampleId :

OU4-VSL-12-121224

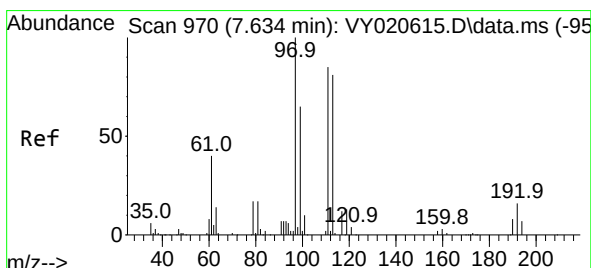
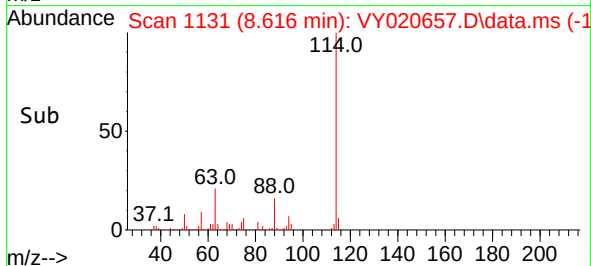
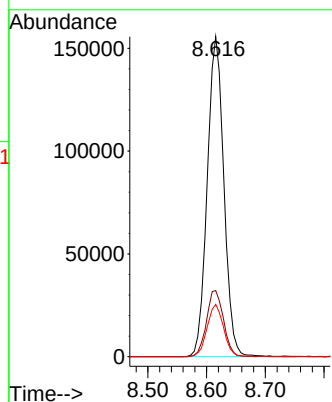
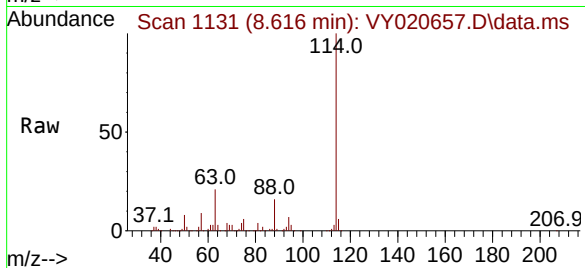
Tgt Ion:114 Resp: 306101

Ion Ratio Lower Upper

114 100

63 20.7 0.0 44.0

88 16.3 0.0 32.8



#35

Dibromofluoromethane

Concen: 51.151 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY020657.D

Acq: 19 Dec 2024 15:59

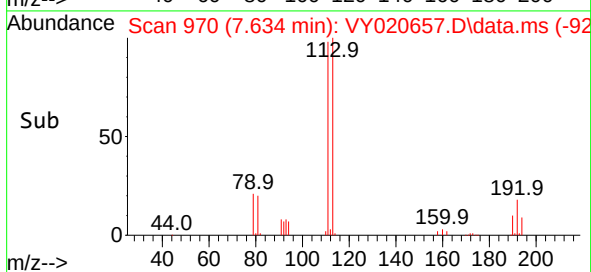
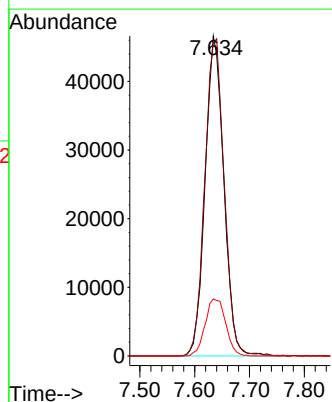
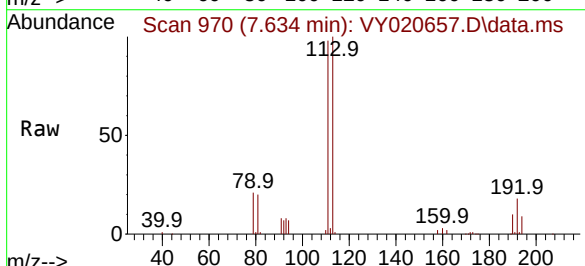
Tgt Ion:113 Resp: 110350

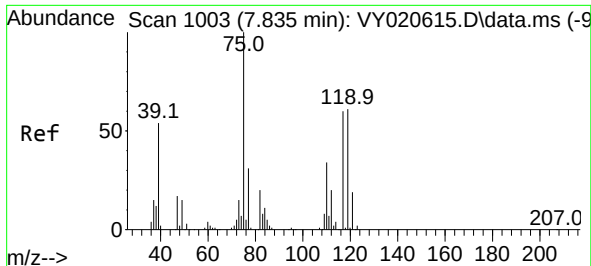
Ion Ratio Lower Upper

113 100

111 103.0 82.9 124.3

192 19.6 15.7 23.5

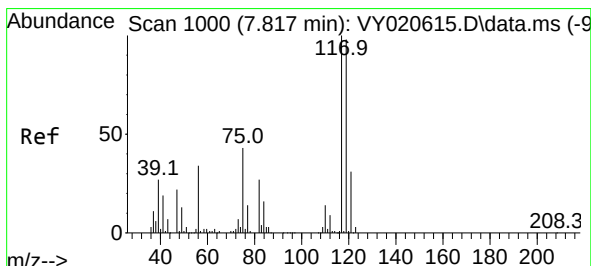
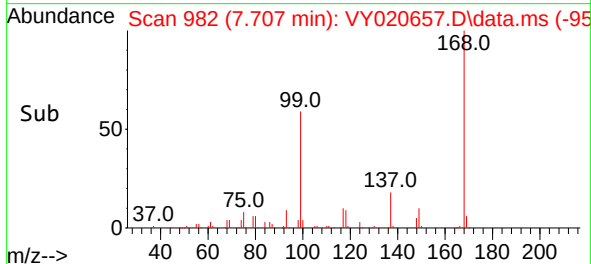
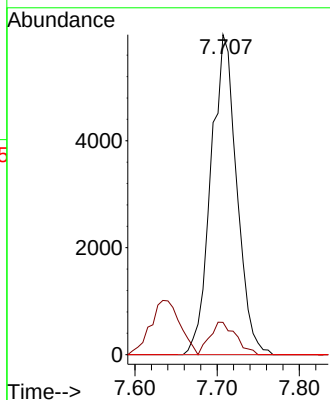
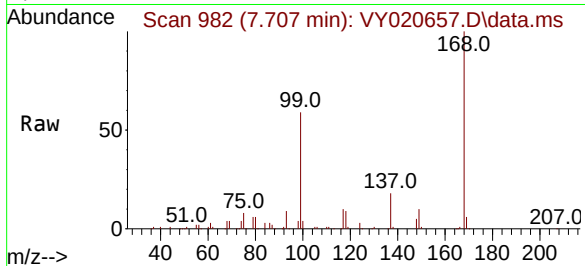




#36
1,1-Dichloropropene
Concen: 3.314 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY020657.D
Acq: 19 Dec 2024 15:59

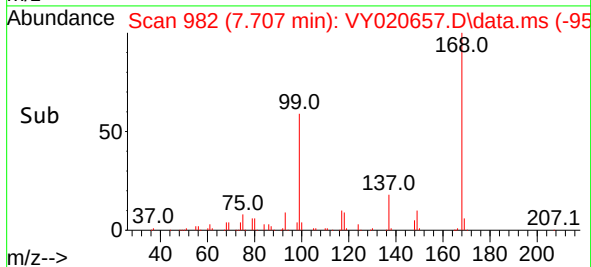
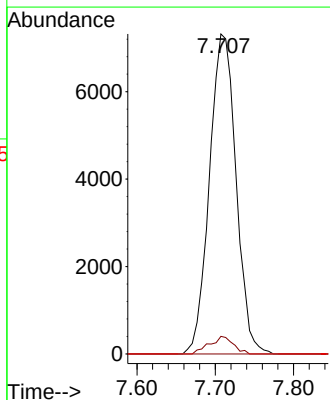
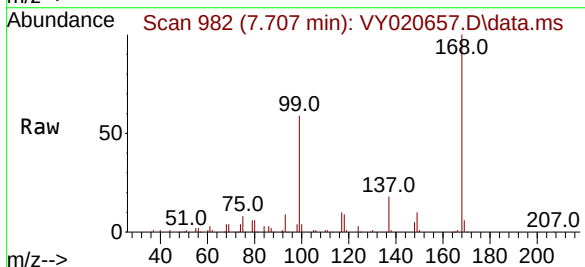
Instrument :
MSVOA_Y
ClientSampleId :
OU4-VSL-12-121224

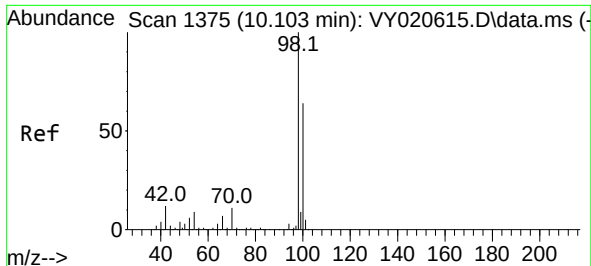
Tgt Ion: 75 Resp: 13035
Ion Ratio Lower Upper
75 100
110 10.2 16.8 50.4#
77 0.0 25.0 37.6#



#38
Carbon Tetrachloride
Concen: 3.969 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.110 min
Lab File: VY020657.D
Acq: 19 Dec 2024 15:59

Tgt Ion: 117 Resp: 17276
Ion Ratio Lower Upper
117 100
119 5.5 78.3 117.5#
121 0.0 25.1 37.7#

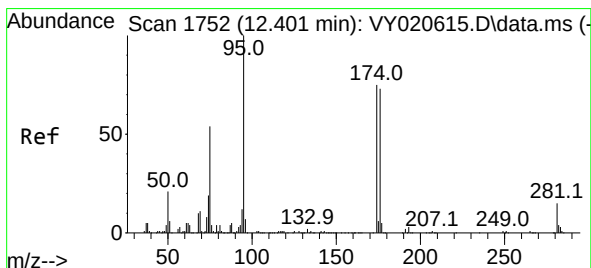
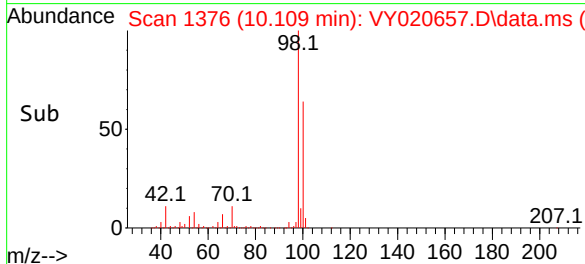
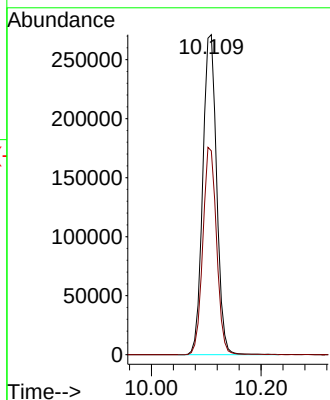
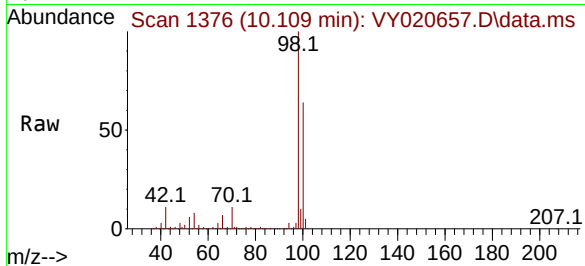




#50
Toluene-d8
Concen: 62.814 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020657.D
Acq: 19 Dec 2024 15:59

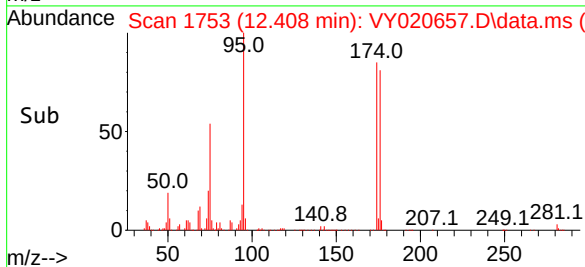
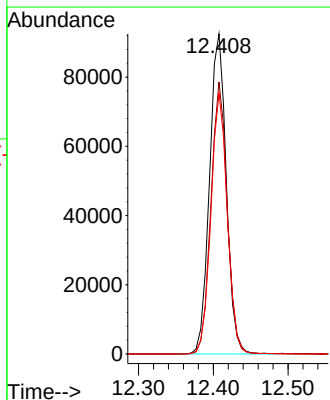
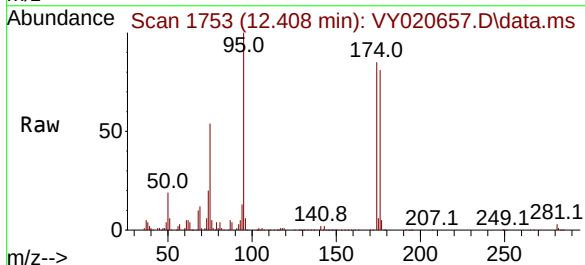
Instrument :
MSVOA_Y
ClientSampleId :
OU4-VSL-12-121224

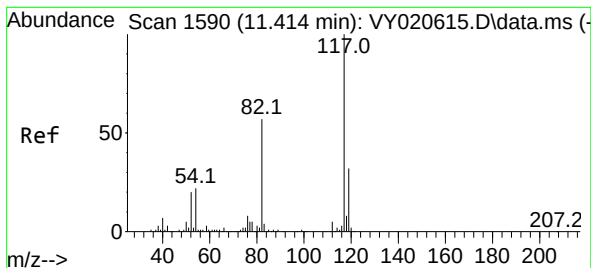
Tgt Ion: 98 Resp: 474309
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 48.877 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY020657.D
Acq: 19 Dec 2024 15:59

Tgt Ion: 95 Resp: 144370
Ion Ratio Lower Upper
95 100
174 82.9 0.0 161.8
176 79.6 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020657.D

Acq: 19 Dec 2024 15:59

Instrument :

MSVOA_Y

ClientSampleId :

OU4-VSL-12-121224

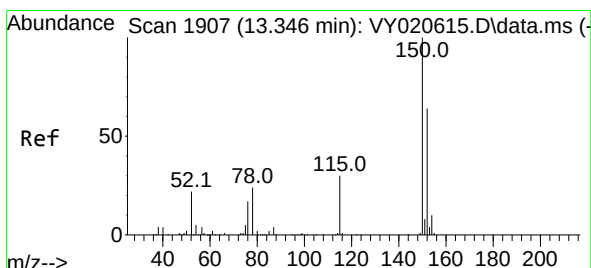
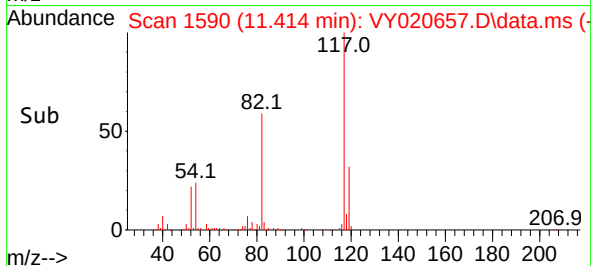
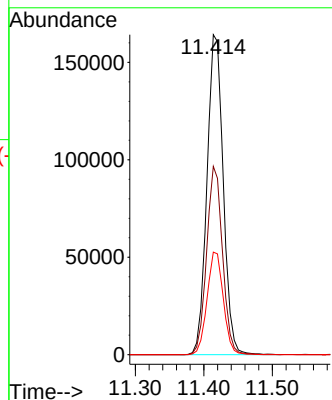
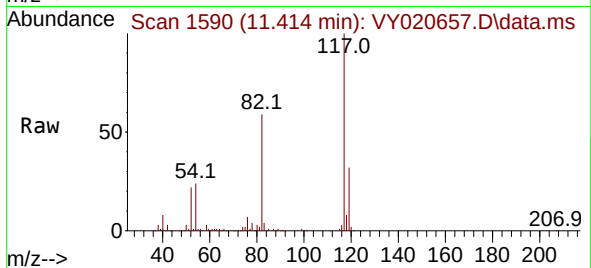
Tgt Ion:117 Resp: 271225

Ion Ratio Lower Upper

117 100

82 58.9 45.8 68.6

119 32.0 25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020657.D

Acq: 19 Dec 2024 15:59

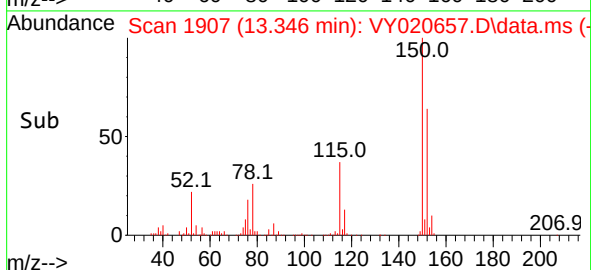
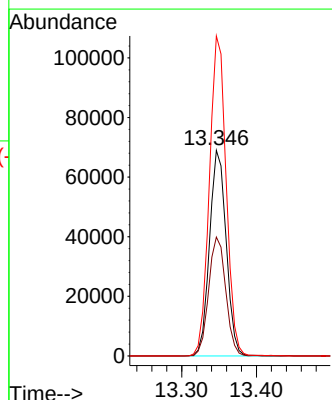
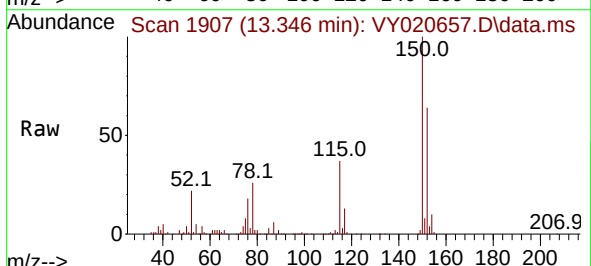
Tgt Ion:152 Resp: 106870

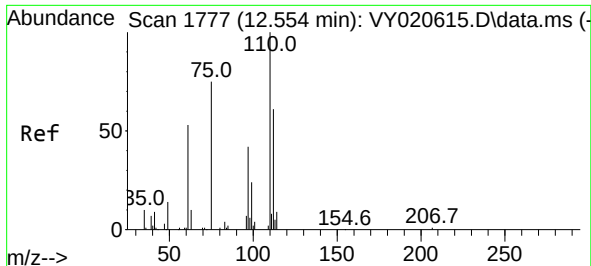
Ion Ratio Lower Upper

152 100

115 59.1 30.2 90.6

150 156.6 0.0 355.4

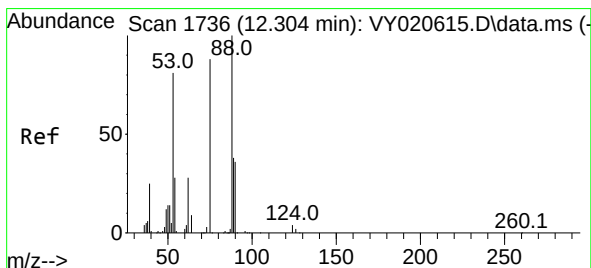
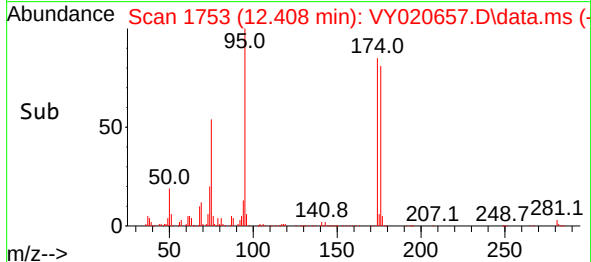
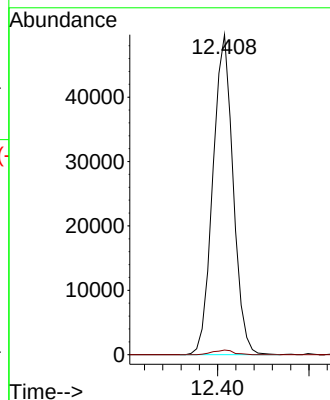
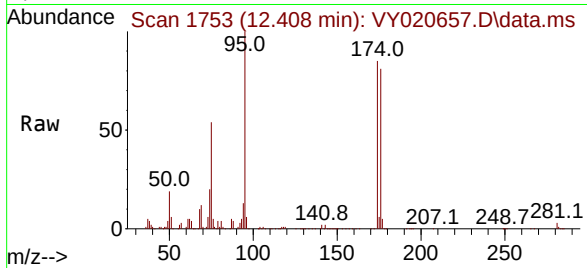




#76
1,2,3-Trichloropropane
Concen: 68.776 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY020657.D
Acq: 19 Dec 2024 15:59

Instrument :
MSVOA_Y
ClientSampleId :
OU4-VSL-12-121224

Tgt Ion: 75 Resp: 76353
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 144.363 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY020657.D
Acq: 19 Dec 2024 15:59

Tgt Ion: 75 Resp: 76353
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 37.0 55.4#

