

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091124\
 Data File : VY019509.D
 Acq On : 11 Sep 2024 15:19
 Operator : SY/MD
 Sample : P3880-03
 Misc : 6.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SHEEPSHEAD-SOIL-PILE

Quant Time: Sep 12 01:32:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	371889	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	708715	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	613712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	215142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	219536	63.752	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.500%	
35) Dibromofluoromethane	7.628	113	221453	55.111	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.220%	
50) Toluene-d8	10.103	98	840526	56.553	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.100%	
62) 4-Bromofluorobenzene	12.408	95	266399	46.615	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 93.240%	

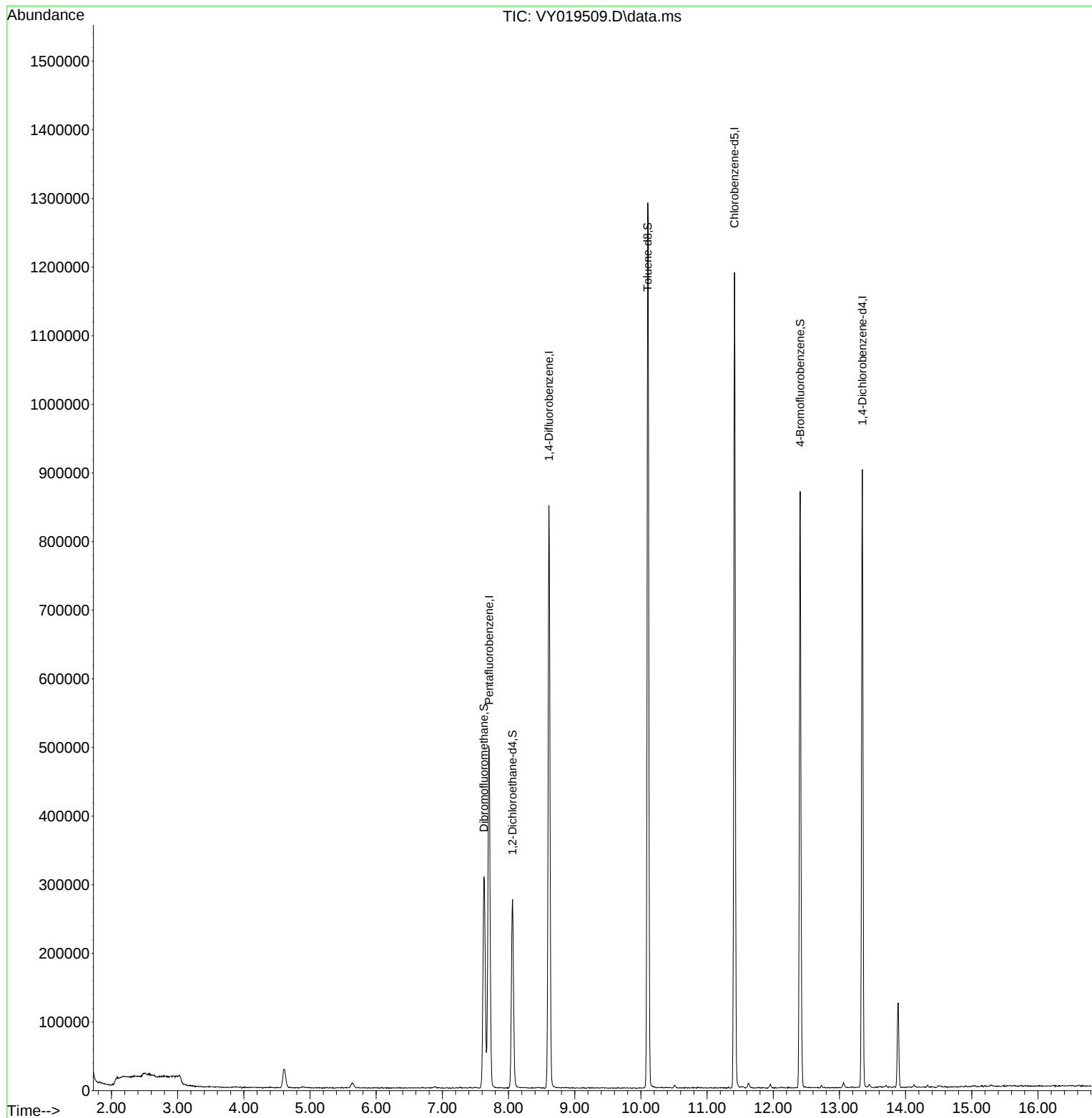
Target Compounds	Qvalue

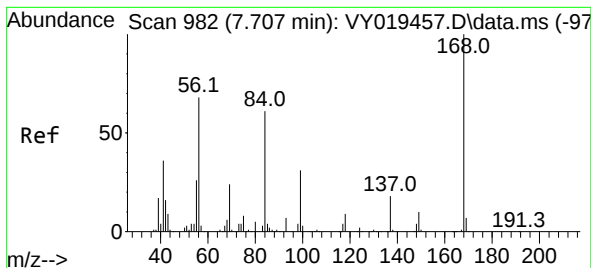
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY019509.D

Acq: 11 Sep 2024 15:19

Instrument :

MSVOA_Y

ClientSampleId :

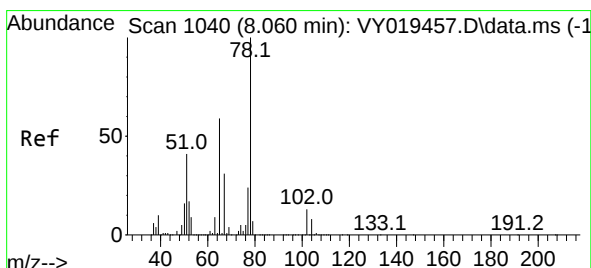
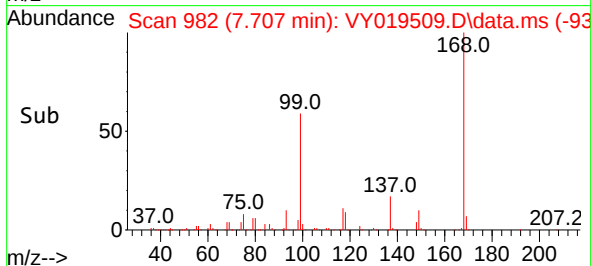
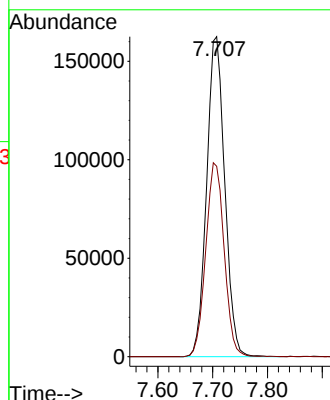
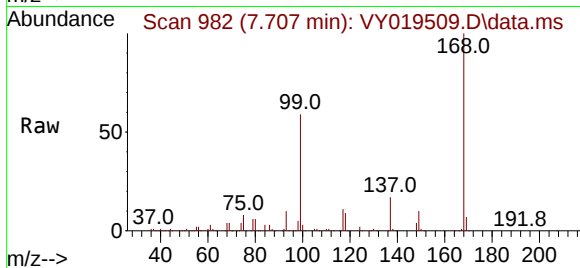
SHEEPSHEAD-SOIL-PILE

Tgt Ion:168 Resp: 371889

Ion Ratio Lower Upper

168 100

99 59.5 39.1 58.7#



#33

1,2-Dichloroethane-d4

Concen: 63.752 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY019509.D

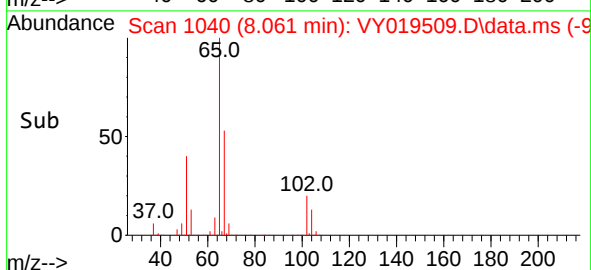
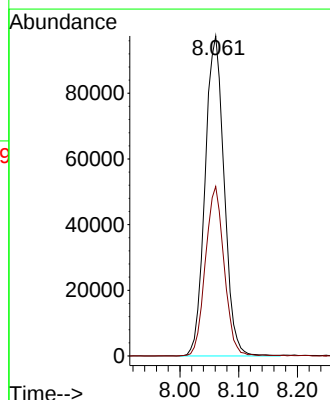
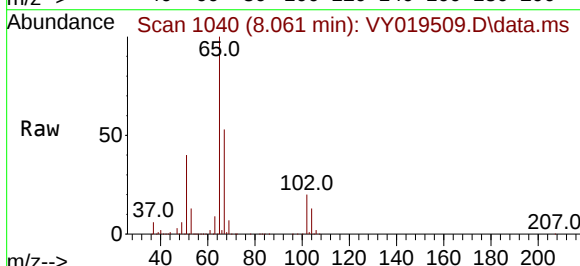
Acq: 11 Sep 2024 15:19

Tgt Ion: 65 Resp: 219536

Ion Ratio Lower Upper

65 100

67 51.9 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY019509.D

Acq: 11 Sep 2024 15:19

Instrument :

MSVOA_Y

ClientSampleId :

SHEEPSHEAD-SOIL-PILE

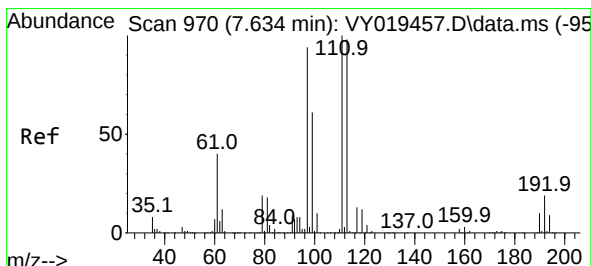
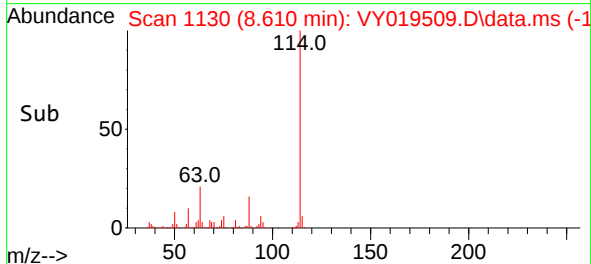
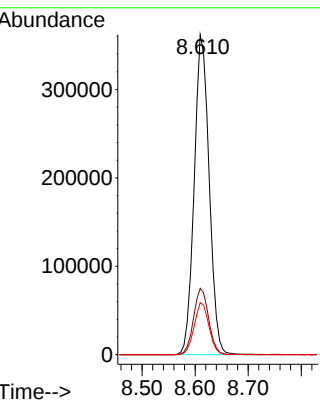
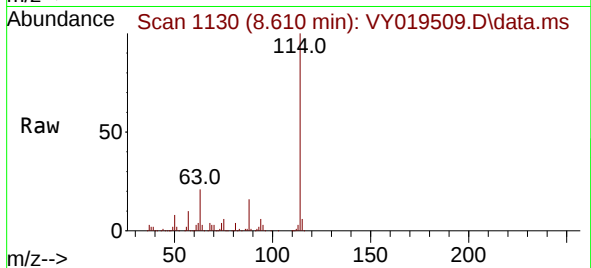
Tgt Ion:114 Resp: 708715

Ion Ratio Lower Upper

114 100

63 20.7 0.0 35.0

88 16.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.111 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY019509.D

Acq: 11 Sep 2024 15:19

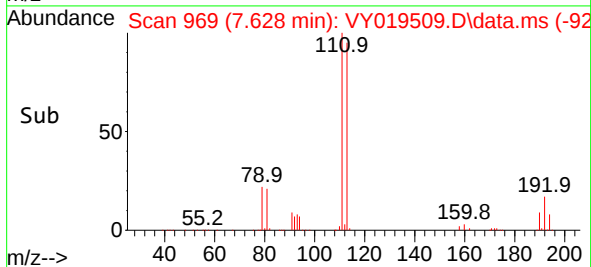
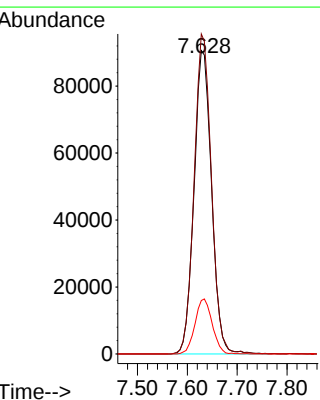
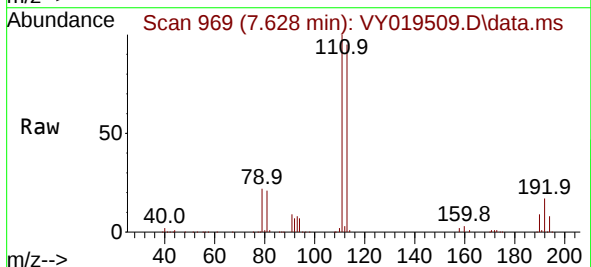
Tgt Ion:113 Resp: 221453

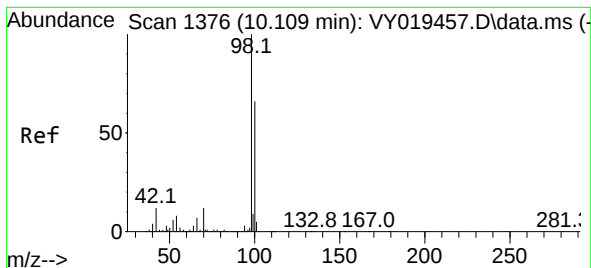
Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.4

192 17.8 15.9 23.9





#50

Toluene-d8

Concen: 56.553 ug/l

RT: 10.103 min Scan# 1376

Delta R.T. -0.006 min

Lab File: VY019509.D

Acq: 11 Sep 2024 15:19

Instrument :

MSVOA_Y

ClientSampleId :

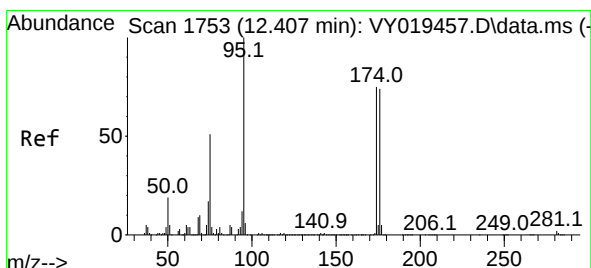
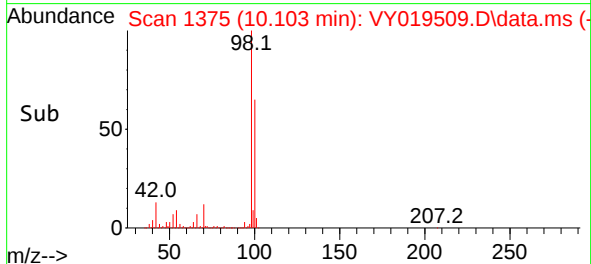
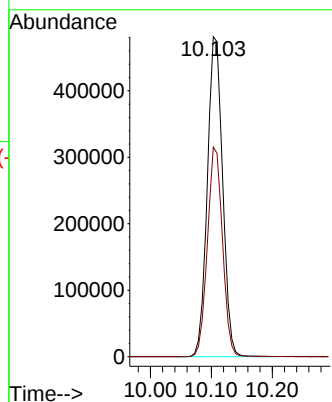
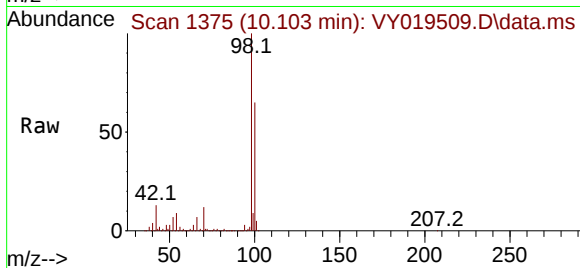
SHEEPSHEAD-SOIL-PILE

Tgt Ion: 98 Resp: 840526

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 46.615 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY019509.D

Acq: 11 Sep 2024 15:19

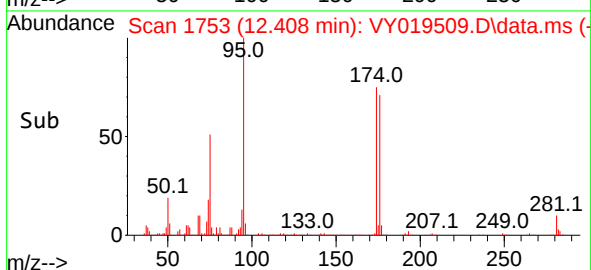
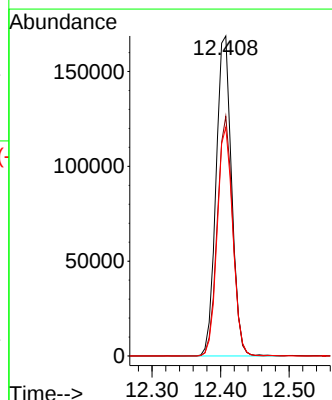
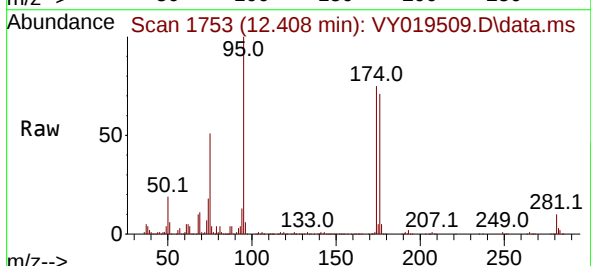
Tgt Ion: 95 Resp: 266399

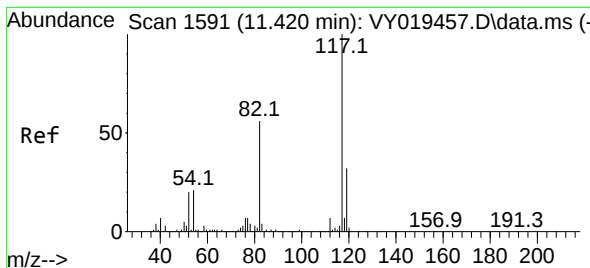
Ion Ratio Lower Upper

95 100

174 73.9 0.0 175.6

176 71.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019509.D

Acq: 11 Sep 2024 15:19

Instrument :

MSVOA_Y

ClientSampleId :

SHEEPSHEAD-SOIL-PILE

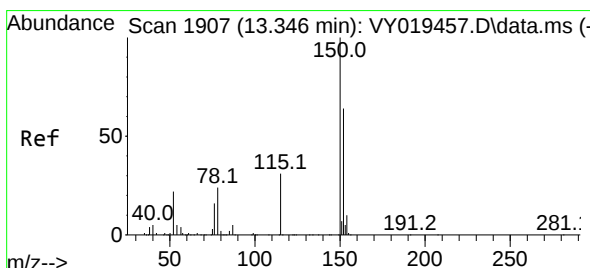
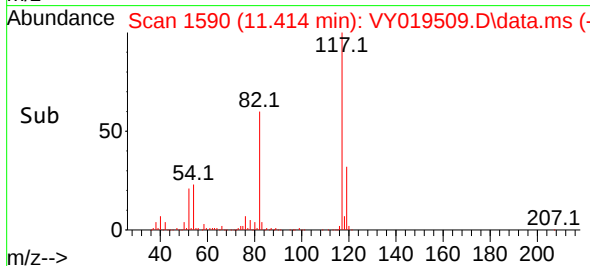
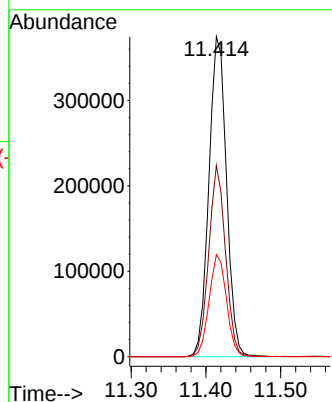
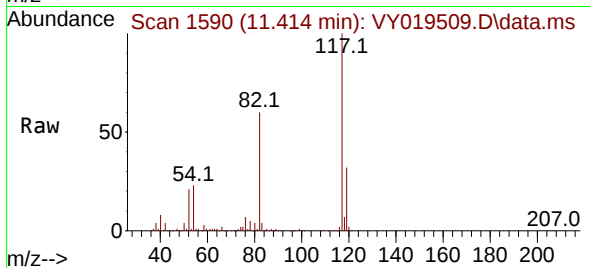
Tgt Ion:117 Resp: 613712

Ion Ratio Lower Upper

117 100

82 59.8 42.4 63.6

119 31.9 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: VY019509.D

Acq: 11 Sep 2024 15:19

Tgt Ion:152 Resp: 215142

Ion Ratio Lower Upper

152 100

115 62.0 28.2 84.7

150 156.1 0.0 345.6

