

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091224\
 Data File : VY019527.D
 Acq On : 12 Sep 2024 15:00
 Operator : SY/MD
 Sample : P3962-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-091124

Quant Time: Sep 13 01:31:49 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	371792	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	713612	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	648601	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	248521	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	228750	66.445	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.880%
35) Dibromofluoromethane	7.634	113	229611	56.749	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.500%
50) Toluene-d8	10.109	98	859229	57.414	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	114.820%
62) 4-Bromofluorobenzene	12.407	95	285962	49.695	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	99.400%

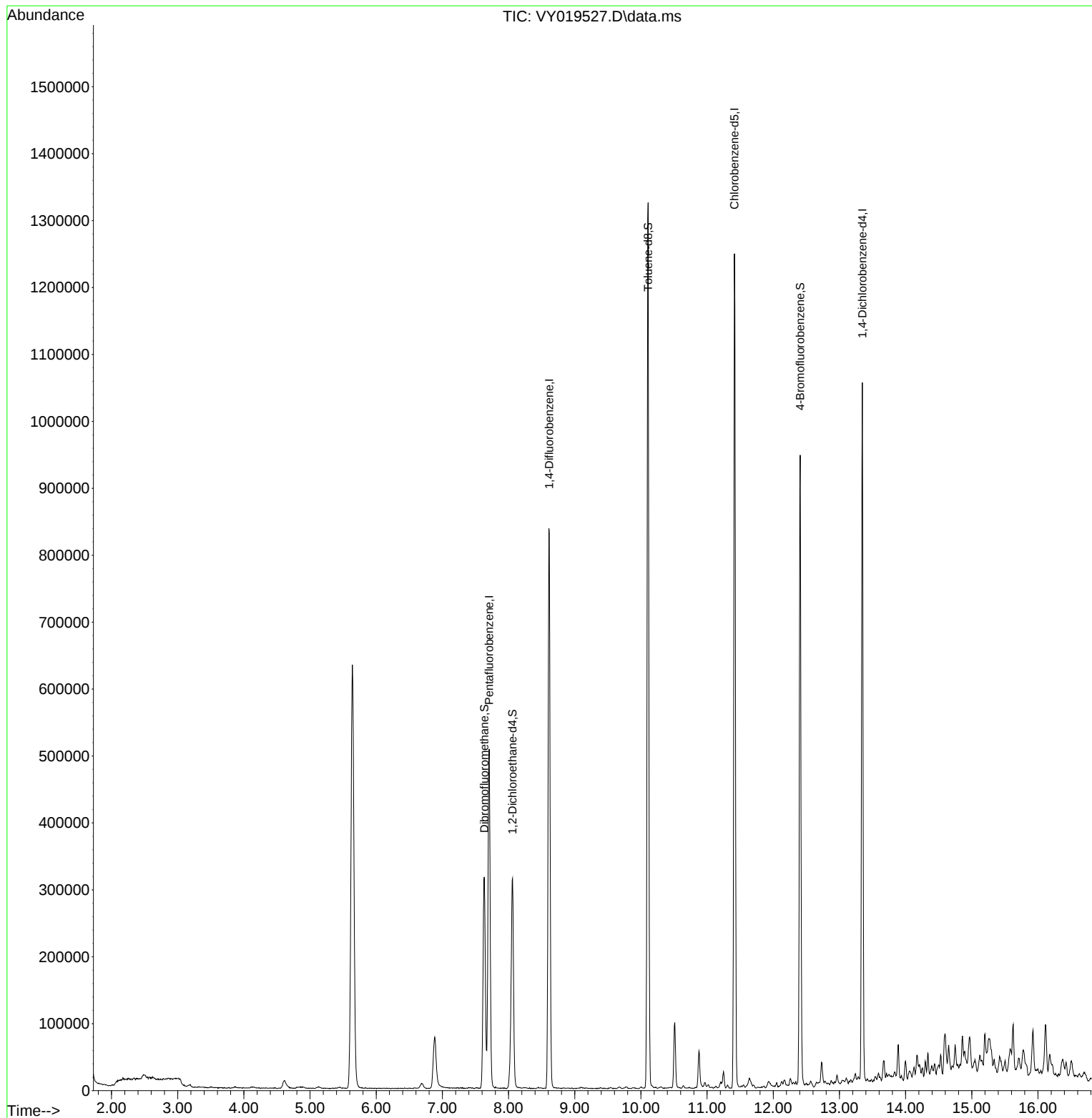
Target Compounds	Qvalue

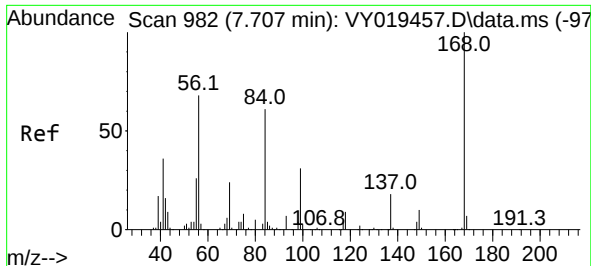
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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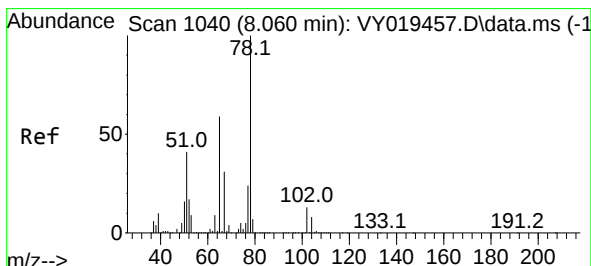
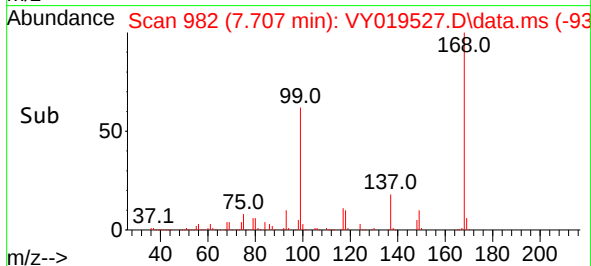
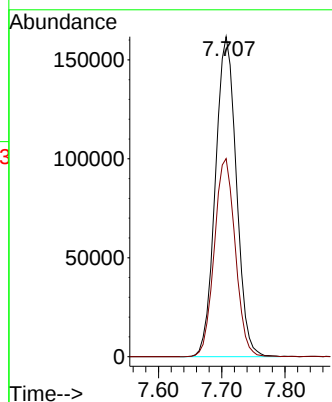
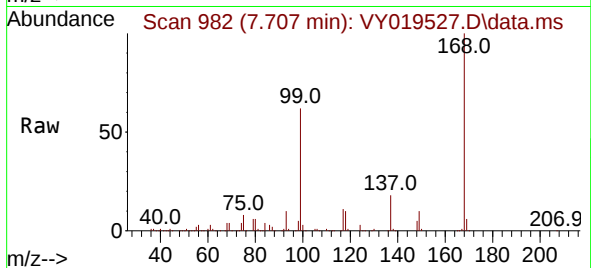




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY019527.D
Acq: 12 Sep 2024 15:00

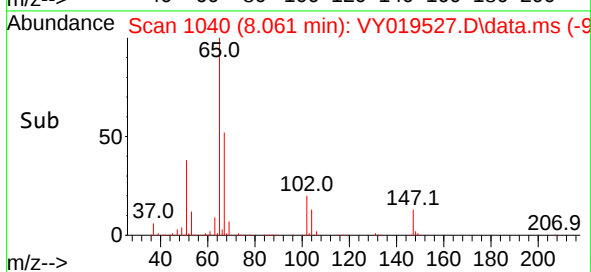
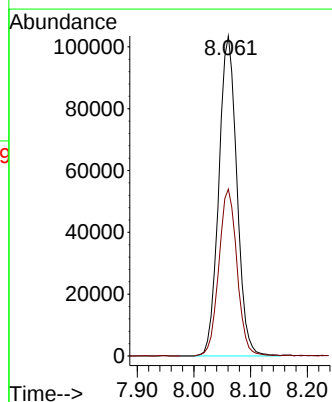
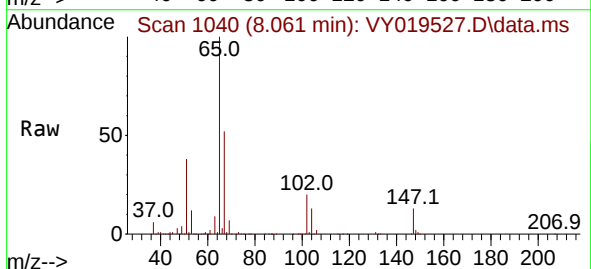
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-091124

Tgt Ion:168 Resp: 371792
Ion Ratio Lower Upper
168 100
99 61.9 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 66.445 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019527.D
Acq: 12 Sep 2024 15:00

Tgt Ion: 65 Resp: 228750
Ion Ratio Lower Upper
65 100
67 52.6 0.0 109.6

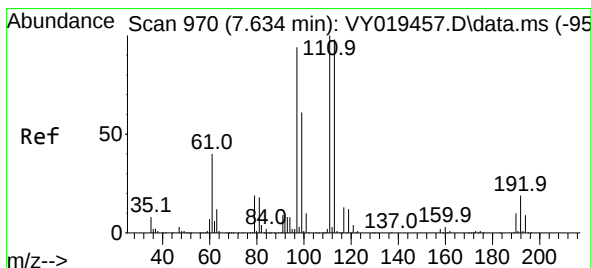
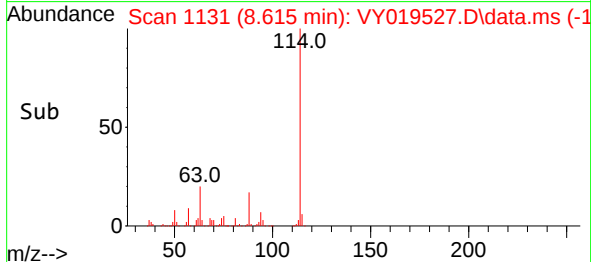
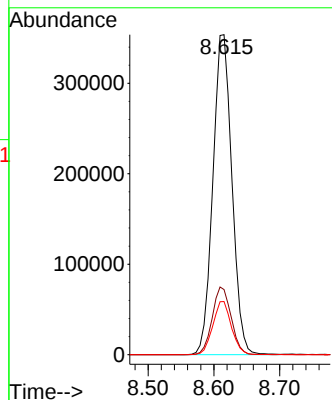
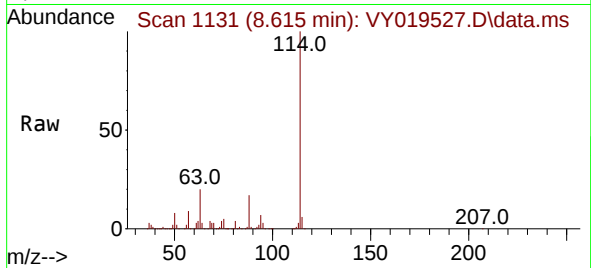




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019527.D
Acq: 12 Sep 2024 15:00

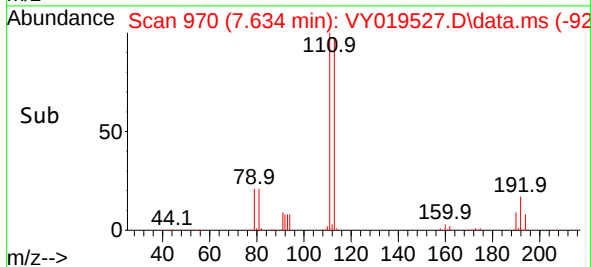
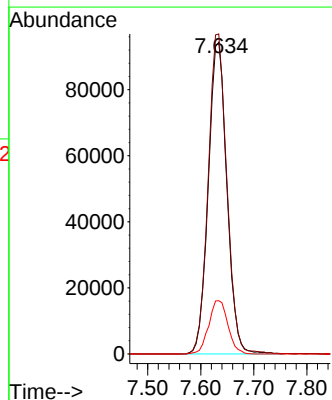
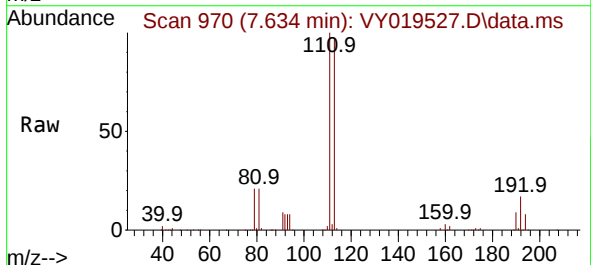
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-091124

Tgt Ion:114 Resp: 713612
Ion Ratio Lower Upper
114 100
63 20.4 0.0 35.0
88 16.6 0.0 27.2



#35
Dibromofluoromethane
Concen: 56.749 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019527.D
Acq: 12 Sep 2024 15:00

Tgt Ion:113 Resp: 229611
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.4
192 17.7 15.9 23.9

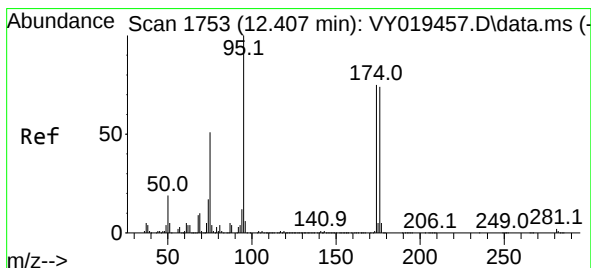
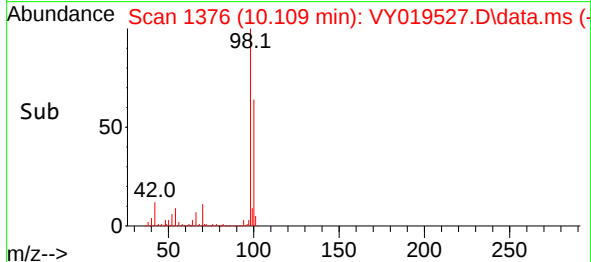
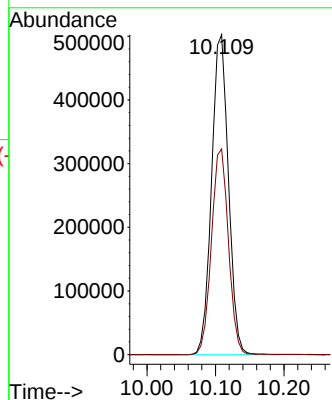
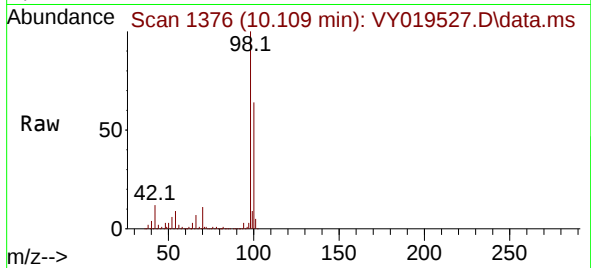




#50
Toluene-d8
Concen: 57.414 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019527.D
Acq: 12 Sep 2024 15:00

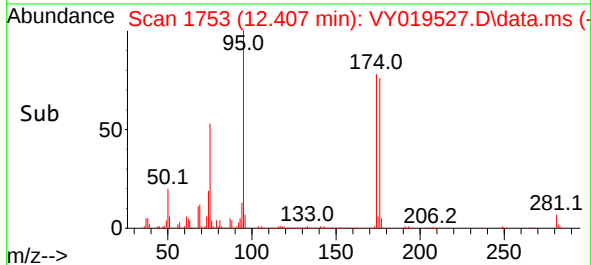
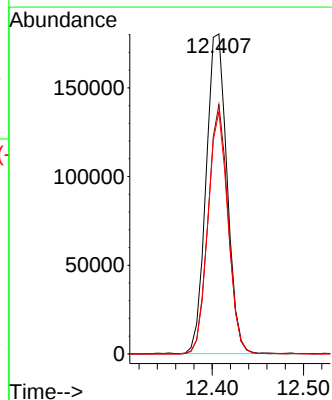
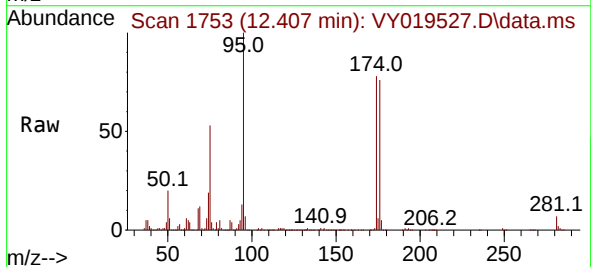
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-091124

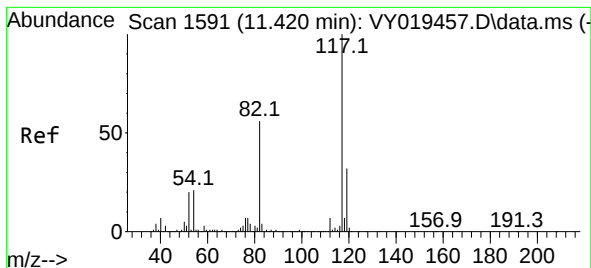
Tgt Ion: 98 Resp: 859229
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.695 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019527.D
Acq: 12 Sep 2024 15:00

Tgt Ion: 95 Resp: 285962
Ion Ratio Lower Upper
95 100
174 74.6 0.0 175.6
176 72.7 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: VY019527.D

Acq: 12 Sep 2024 15:00

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-091124

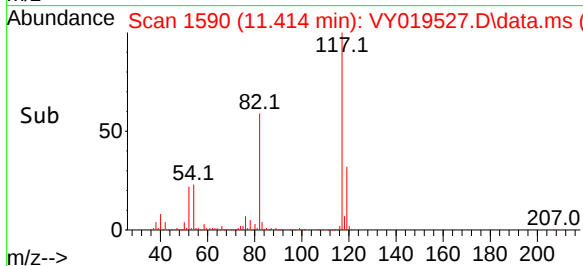
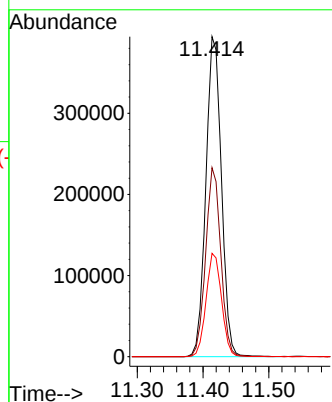
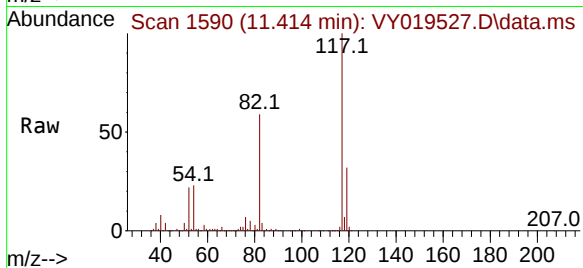
Tgt Ion:117 Resp: 648601

Ion Ratio Lower Upper

117 100

82 59.0 42.4 63.6

119 32.3 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: VY019527.D

Acq: 12 Sep 2024 15:00

Tgt Ion:152 Resp: 248521

Ion Ratio Lower Upper

152 100

115 62.3 28.2 84.7

150 156.4 0.0 345.6

