

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
 Data File : VY021859.D
 Acq On : 11 Apr 2025 15:07
 Operator : SY/MD
 Sample : Q1768-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CRUSHED STONE

Quant Time: Apr 12 02:50:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.744	168	842533	50.000	ug/l	# 0.04
34) 1,4-Difluorobenzene	8.628	114	914716	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.420	117	664279	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	186661	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.091	65	486638	53.309	ug/l	0.03
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.620%	
35) Dibromofluoromethane	7.677	113	473997	79.883	ug/l	0.04
Spiked Amount	50.000	Range	54 - 147	Recovery	= 159.760%#	
50) Toluene-d8	10.115	98	1031418	45.692	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 91.380%	
62) 4-Bromofluorobenzene	12.408	95	243921	31.946	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 63.900%	

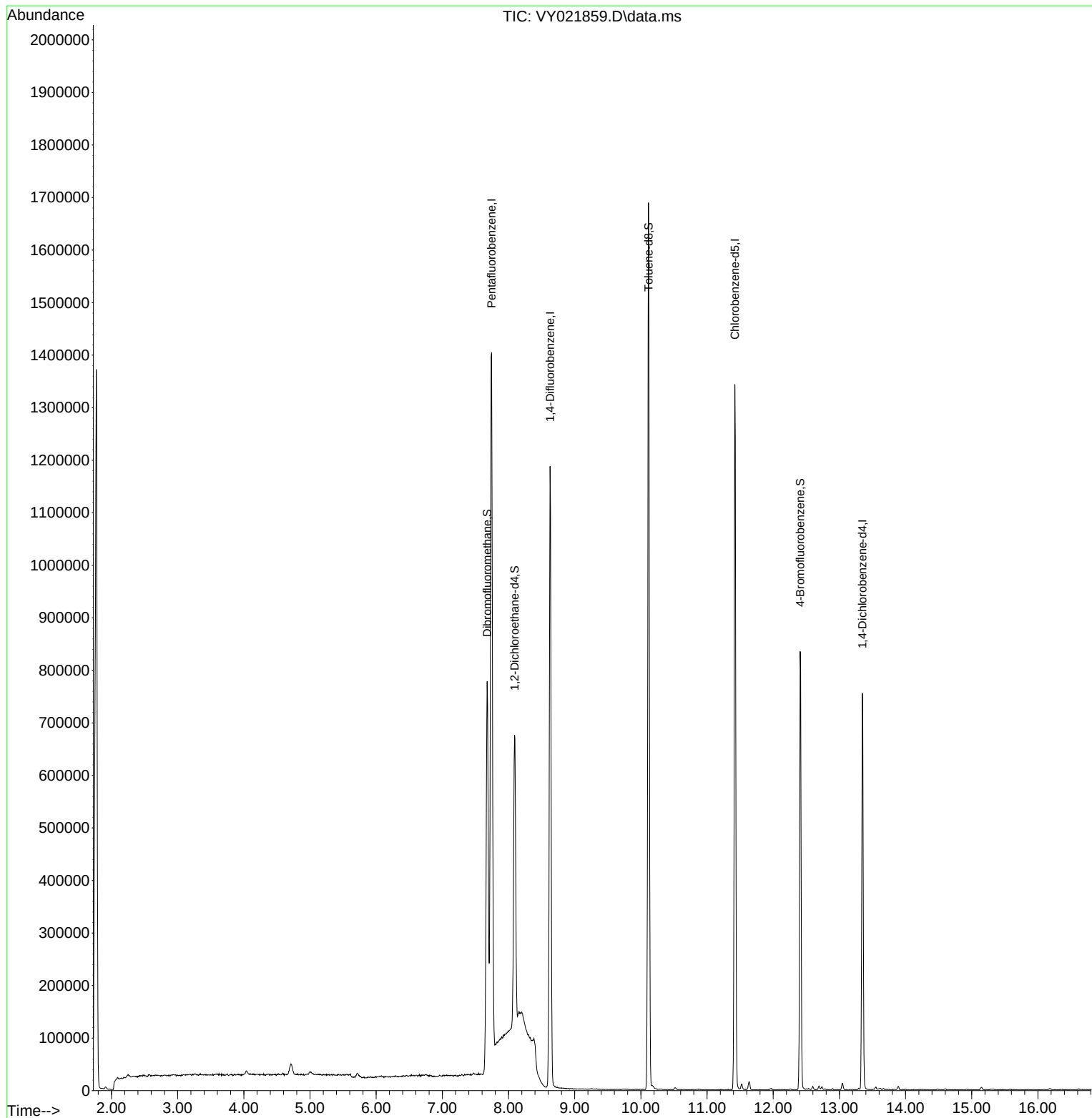
Target Compounds	Qvalue

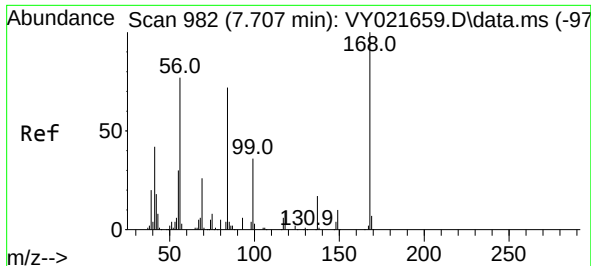
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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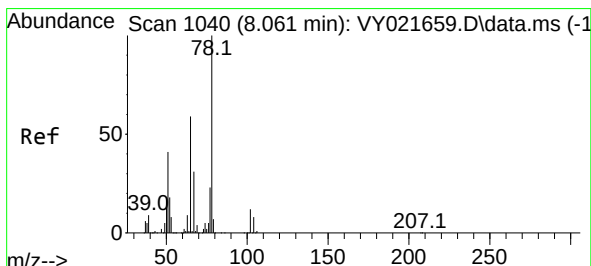
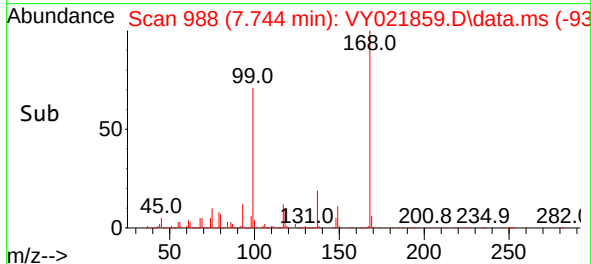
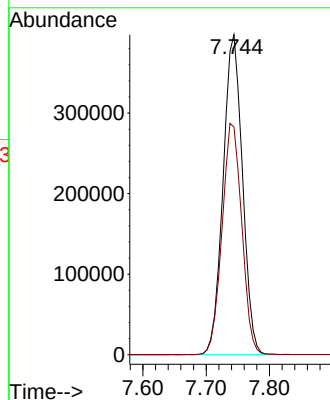
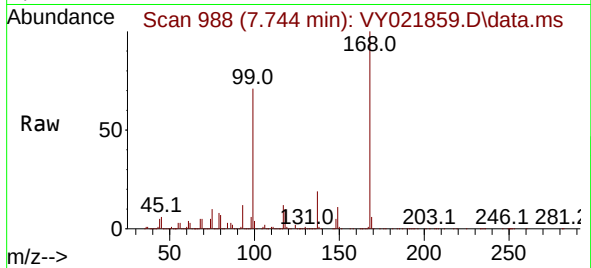




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.744 min Scan# 91
Delta R.T. 0.037 min
Lab File: VY021859.D
Acq: 11 Apr 2025 15:07

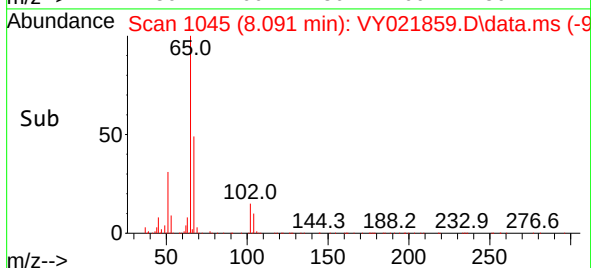
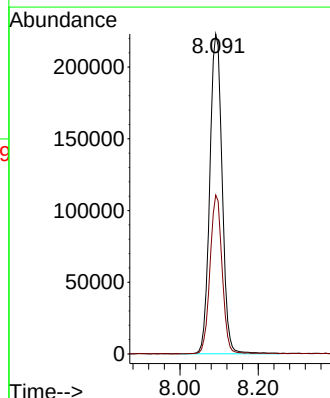
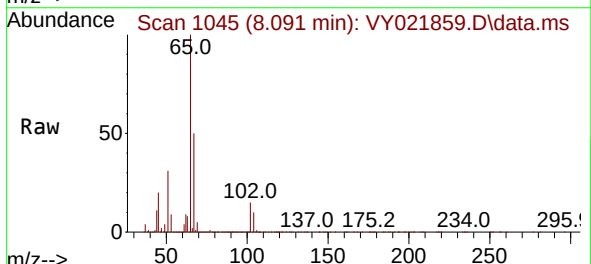
Instrument :
MSVOA_Y
ClientSampleId :
CRUSHED STONE

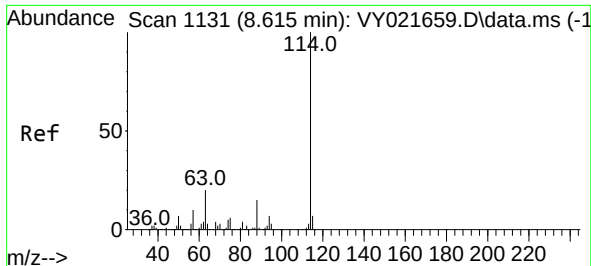
Tgt Ion:168 Resp: 842533
Ion Ratio Lower Upper
168 100
99 71.1 46.7 70.1#



#33
1,2-Dichloroethane-d4
Concen: 53.309 ug/l
RT: 8.091 min Scan# 1045
Delta R.T. 0.031 min
Lab File: VY021859.D
Acq: 11 Apr 2025 15:07

Tgt Ion: 65 Resp: 486638
Ion Ratio Lower Upper
65 100
67 48.6 0.0 104.6

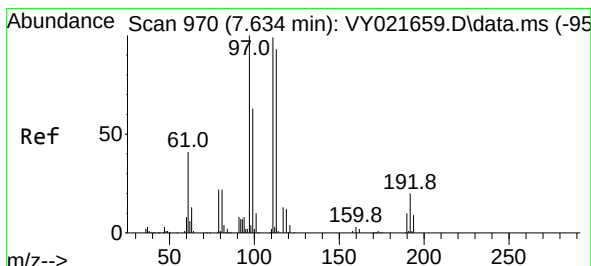
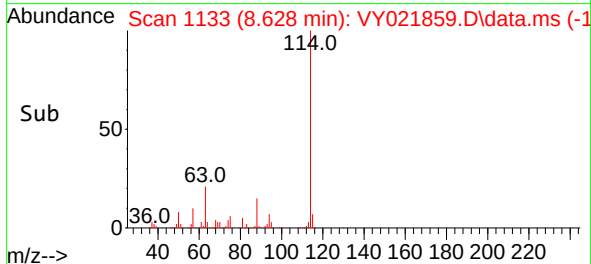
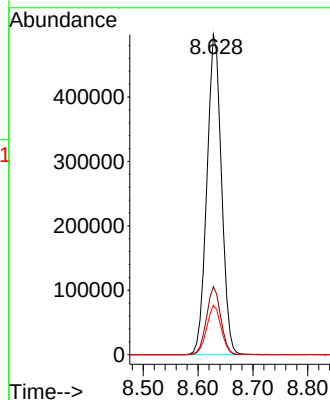
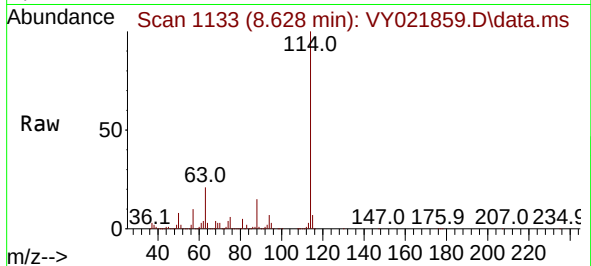




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.628 min Scan# 1133
Delta R.T. 0.012 min
Lab File: VY021859.D
Acq: 11 Apr 2025 15:07

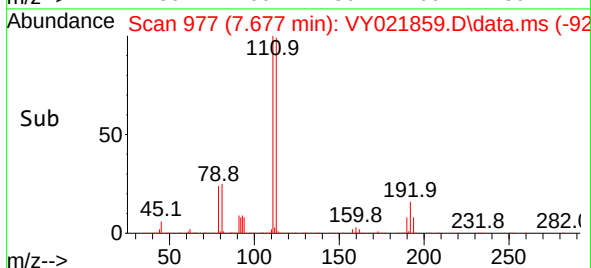
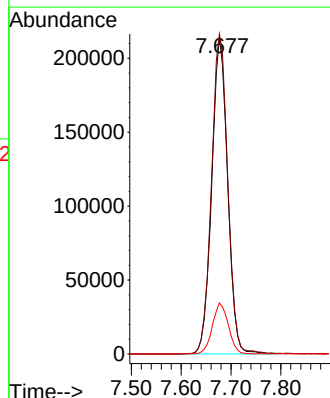
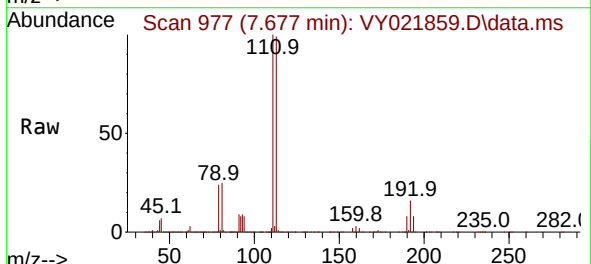
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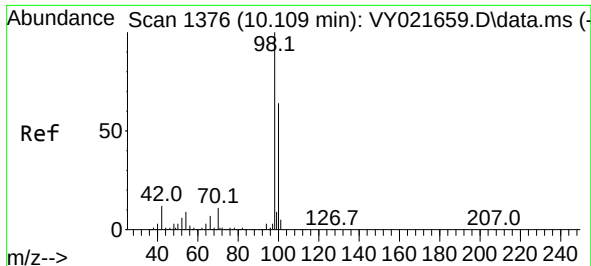
Tgt Ion:114 Resp: 914716
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.2
88 15.4 0.0 29.8



#35
Dibromofluoromethane
Concen: 79.883 ug/l
RT: 7.677 min Scan# 977
Delta R.T. 0.043 min
Lab File: VY021859.D
Acq: 11 Apr 2025 15:07

Tgt Ion:113 Resp: 473997
Ion Ratio Lower Upper
113 100
111 103.7 82.6 123.8
192 16.2 16.2 24.4#

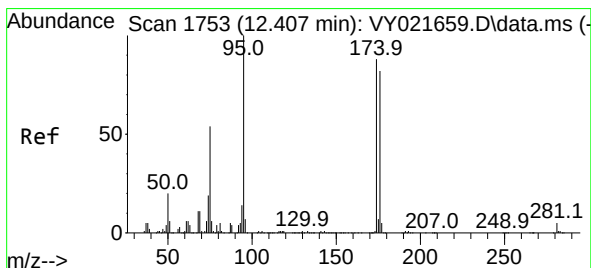
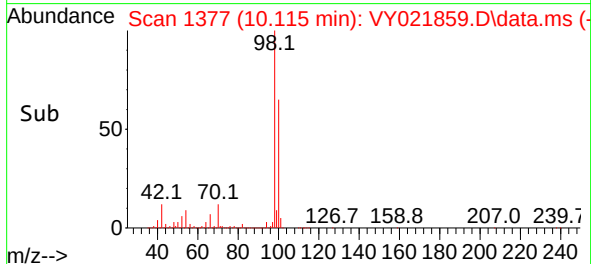
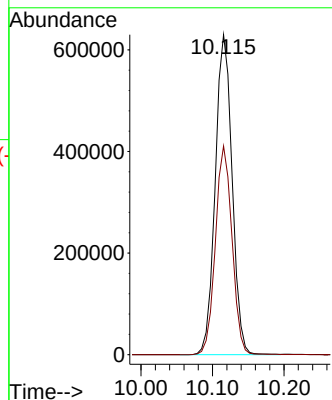
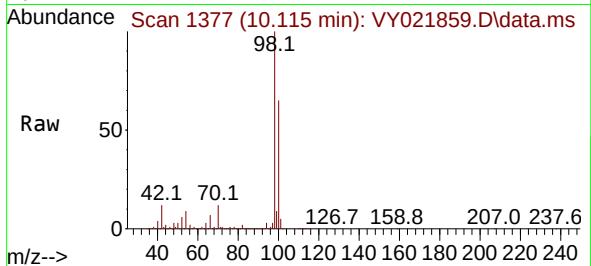




#50
Toluene-d8
Concen: 45.692 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021859.D
Acq: 11 Apr 2025 15:07

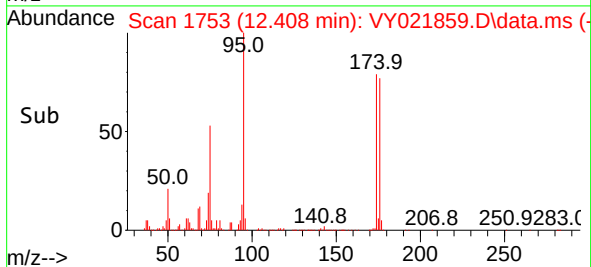
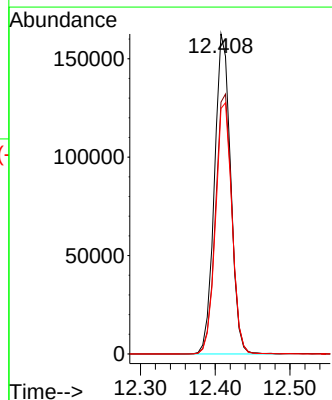
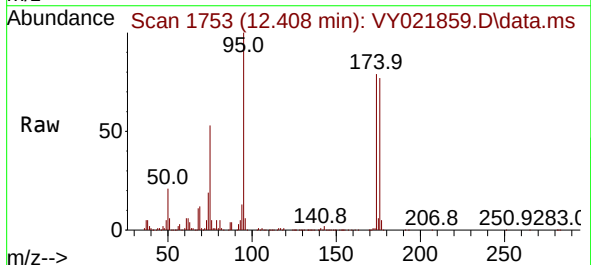
Instrument :
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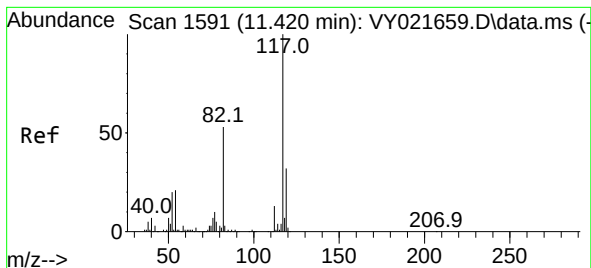
Tgt Ion: 98 Resp: 1031418
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 31.946 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021859.D
Acq: 11 Apr 2025 15:07

Tgt Ion: 95 Resp: 243921
Ion Ratio Lower Upper
95 100
174 82.5 0.0 170.8
176 79.7 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021859.D

Acq: 11 Apr 2025 15:07

Instrument :

MSVOA_Y

ClientSampleId :

CRUSHED STONE

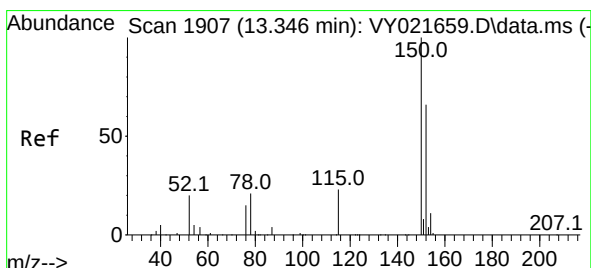
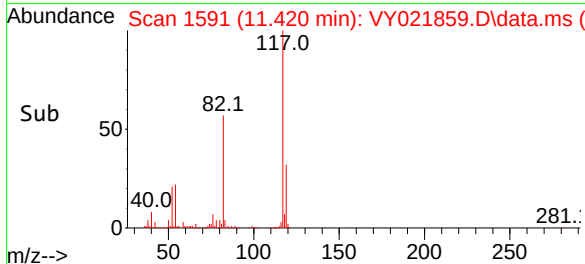
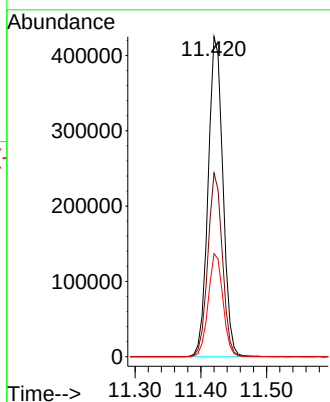
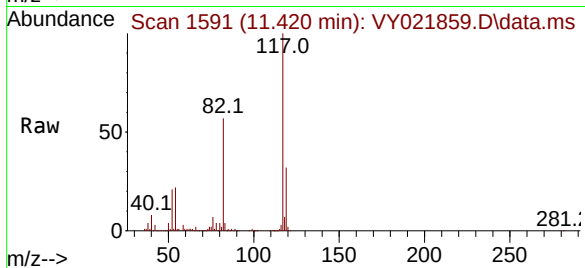
Tgt Ion:117 Resp: 664279

Ion Ratio Lower Upper

117 100

82 57.4 42.8 64.2

119 32.2 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021859.D

Acq: 11 Apr 2025 15:07

Tgt Ion:152 Resp: 186661

Ion Ratio Lower Upper

152 100

115 58.4 28.8 86.5

150 156.7 0.0 348.4

