

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081325\
 Data File : VY023067.D
 Acq On : 13 Aug 2025 14:08
 Operator : SY/MD
 Sample : Q2830-07
 Misc : 5.44g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BIN0009-DRIVEWAY-TP-EASTSIDE

Quant Time: Aug 14 01:23:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	513899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	1006220	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	906467	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	375322	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	310896	63.477	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.960%
35) Dibromofluoromethane	7.628	113	334606	55.574	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.140%
50) Toluene-d8	10.103	98	1199237	50.985	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.980%
62) 4-Bromofluorobenzene	12.401	95	372355	49.225	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.440%

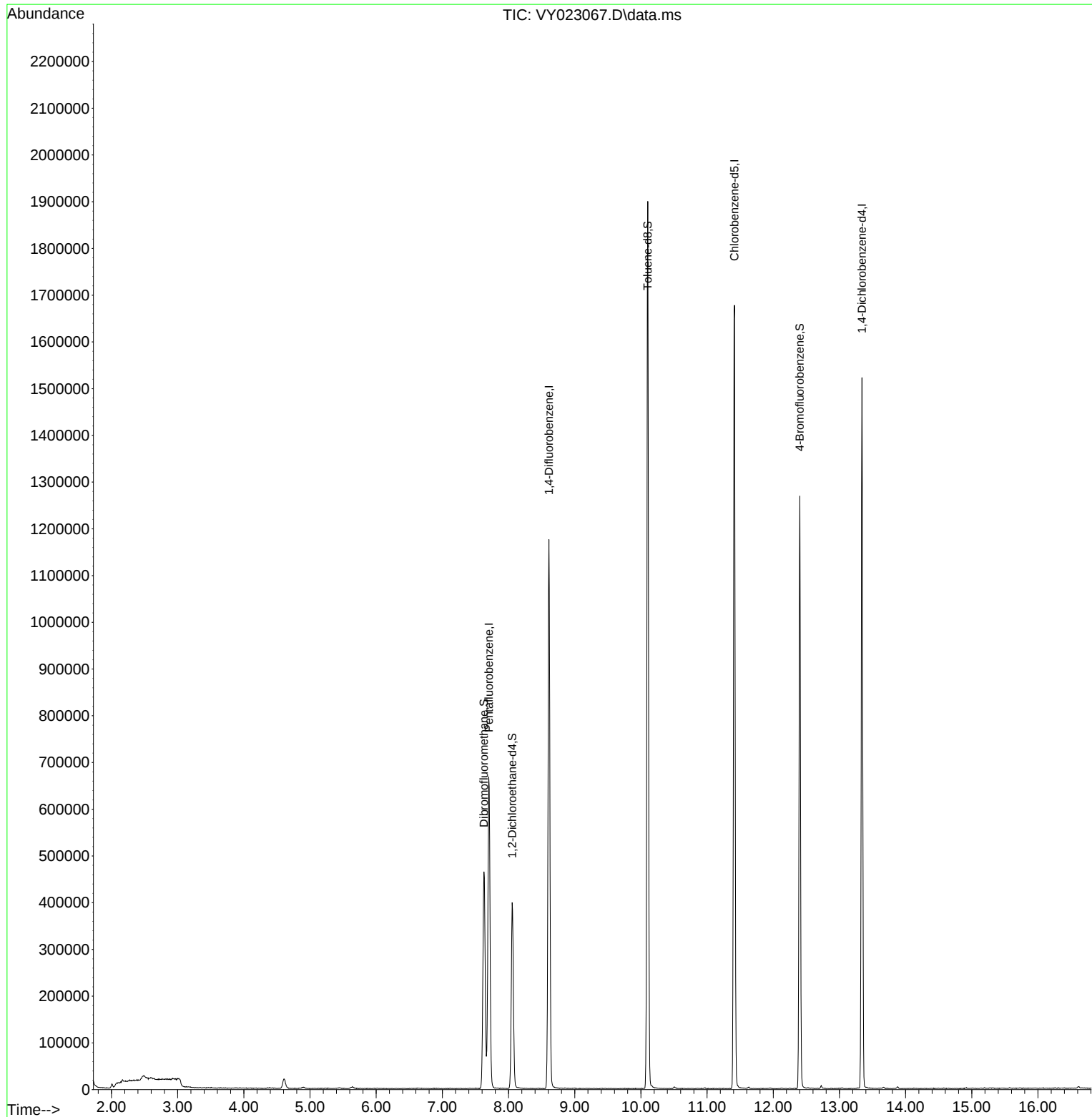
Target Compounds	Qvalue

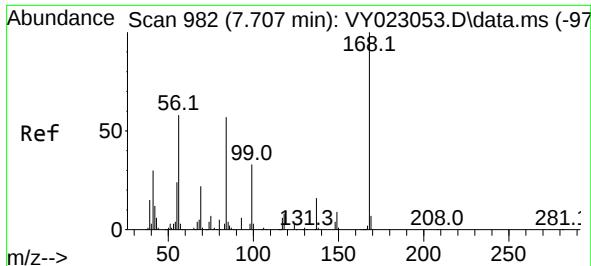
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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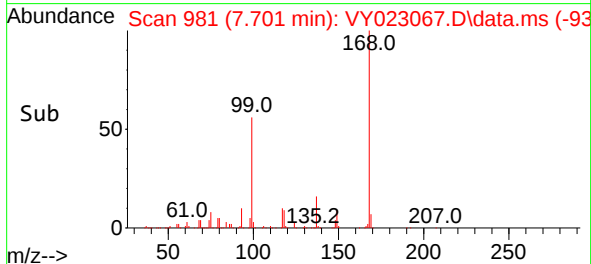
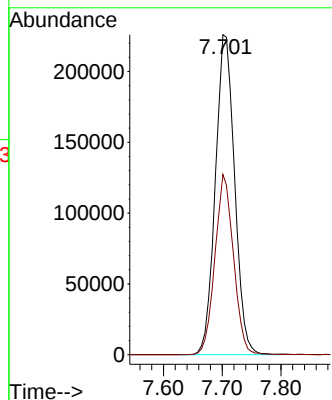
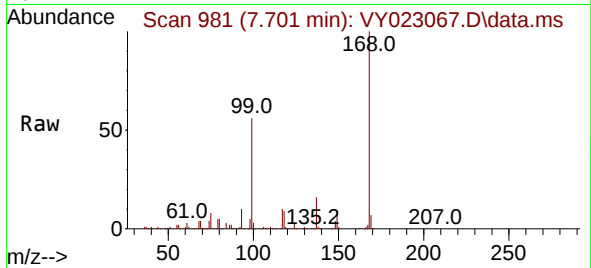




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY023067.D
Acq: 13 Aug 2025 14:08

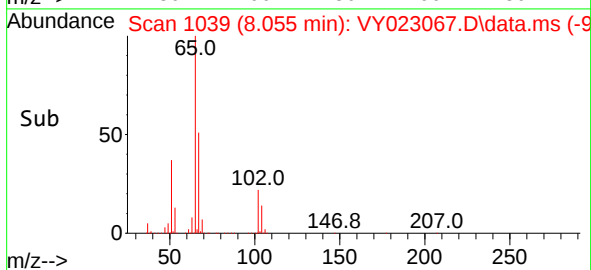
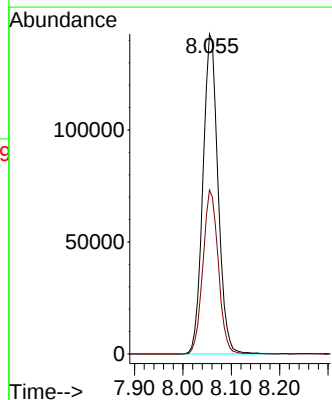
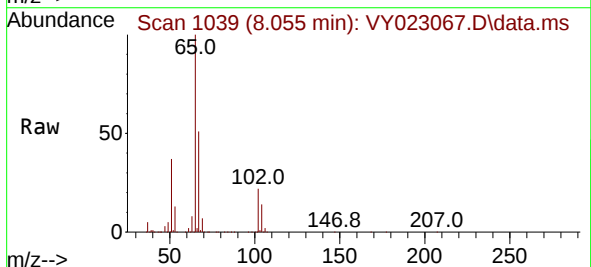
Instrument :
MSVOA_Y
ClientSampleId :
BIN0009-DRIVEWAY-TP-EASTSIDE

Tgt Ion:168 Resp: 513899
Ion Ratio Lower Upper
168 100
99 56.3 42.8 64.2



#33
1,2-Dichloroethane-d4
Concen: 63.477 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY023067.D
Acq: 13 Aug 2025 14:08

Tgt Ion: 65 Resp: 310896
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY023067.D

Acq: 13 Aug 2025 14:08

Instrument :

MSVOA_Y

ClientSampleId :

BIN0009-DRIVEWAY-TP-EASTSIDE

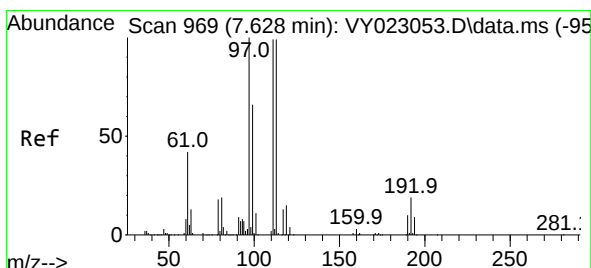
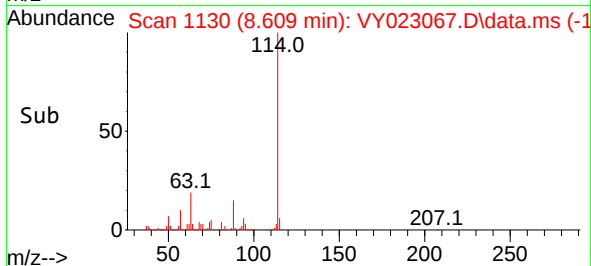
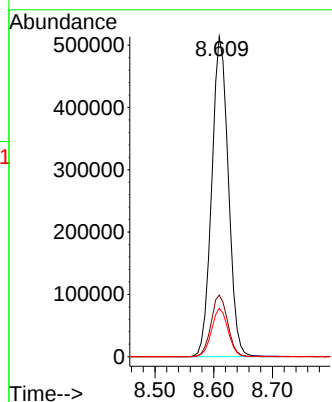
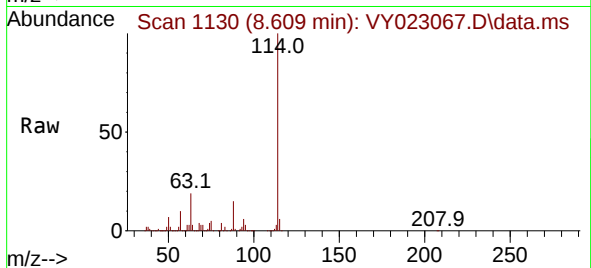
Tgt Ion:114 Resp: 1006220

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.4

88 15.1 0.0 30.0



#35

Dibromofluoromethane

Concen: 55.574 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY023067.D

Acq: 13 Aug 2025 14:08

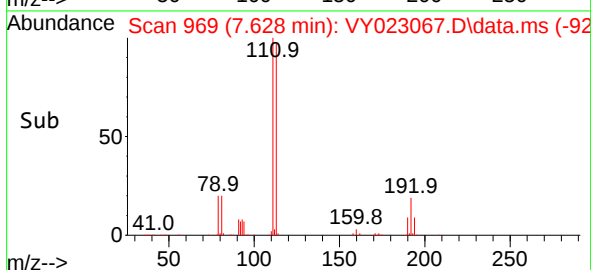
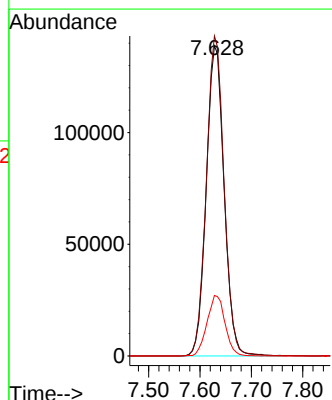
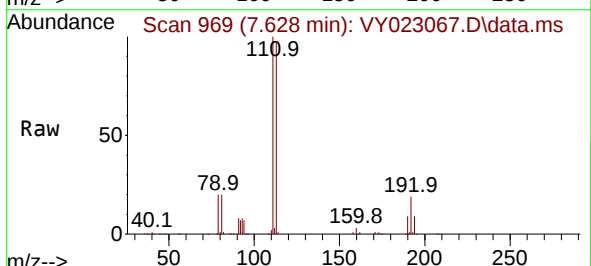
Tgt Ion:113 Resp: 334606

Ion Ratio Lower Upper

113 100

111 102.9 81.1 121.7

192 19.7 16.2 24.4

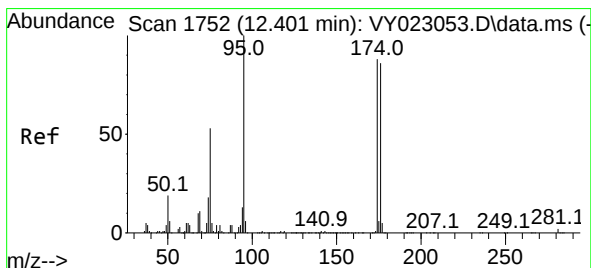
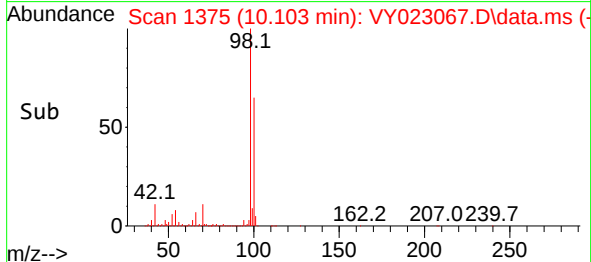
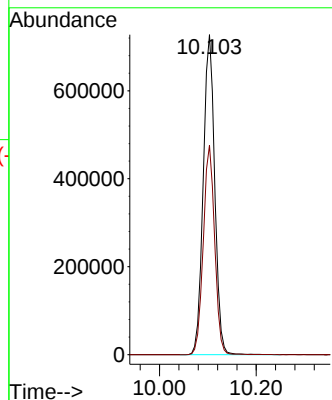
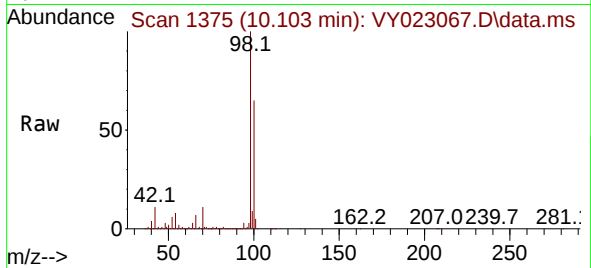




#50
Toluene-d8
Concen: 50.985 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023067.D
Acq: 13 Aug 2025 14:08

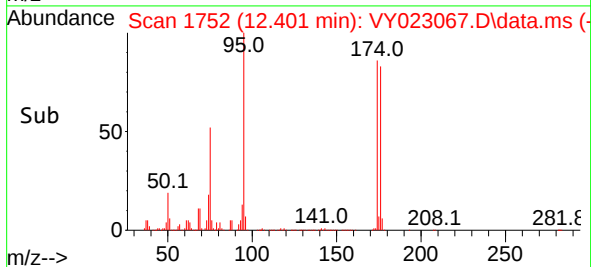
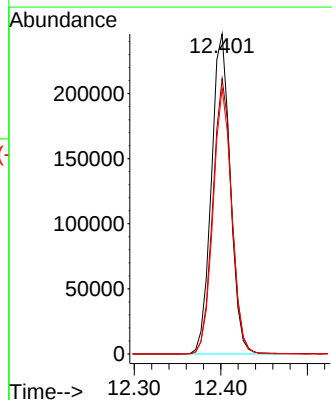
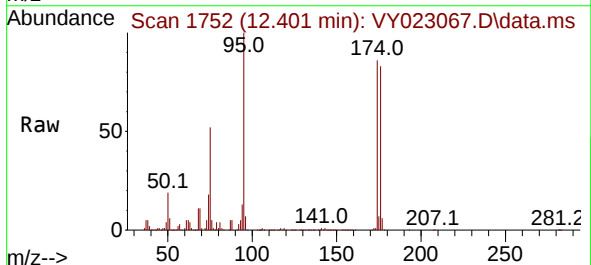
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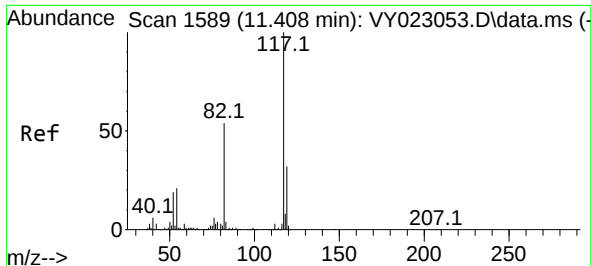
Tgt Ion: 98 Resp: 1199237
Ion Ratio Lower Upper
98 100
100 64.9 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 49.225 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023067.D
Acq: 13 Aug 2025 14:08

Tgt Ion: 95 Resp: 372355
Ion Ratio Lower Upper
95 100
174 86.1 0.0 171.6
176 82.2 0.0 167.6

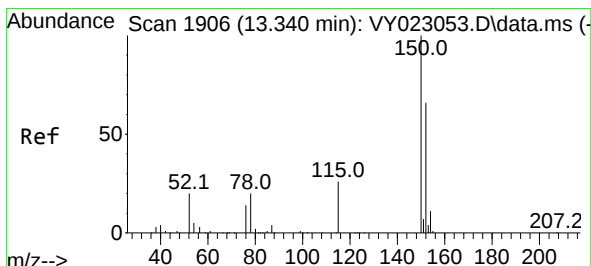
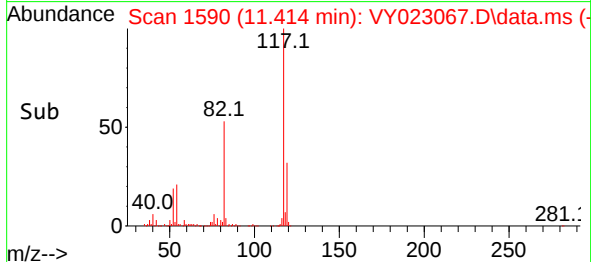
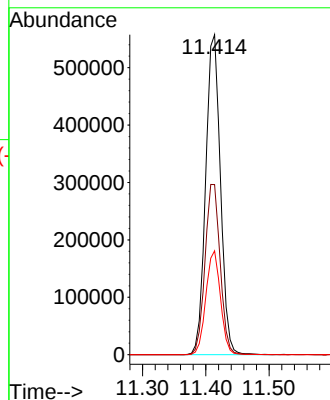
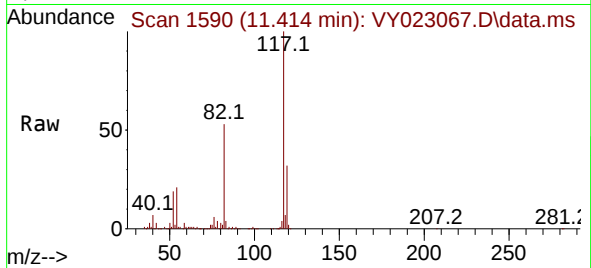




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023067.D
Acq: 13 Aug 2025 14:08

Instrument :
MSVOA_Y
ClientSampleId :
BIN0009-DRIVEWAY-TP-EASTSIDE

Tgt Ion:117 Resp: 906467
Ion Ratio Lower Upper
117 100
82 53.2 43.4 65.0
119 32.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VY023067.D
Acq: 13 Aug 2025 14:08

Tgt Ion:152 Resp: 375322
Ion Ratio Lower Upper
152 100
115 56.9 28.2 84.6
150 158.1 0.0 348.0

