

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
 Data File : VY023176.D
 Acq On : 20 Aug 2025 15:21
 Operator : SY/MD
 Sample : Q2892-05
 Misc : 5.91g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BACK-1-FLOOR-CENTER-MIDDLE-C

Quant Time: Aug 21 01:40:00 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	7.713	168	501346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	951773	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	866589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	347720	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	280123	58.626	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.260%
35) Dibromofluoromethane	7.634	113	313131	54.982	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.960%
50) Toluene-d8	10.109	98	1156251	51.970	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.940%
62) 4-Bromofluorobenzene	12.402	95	337948	47.232	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.460%

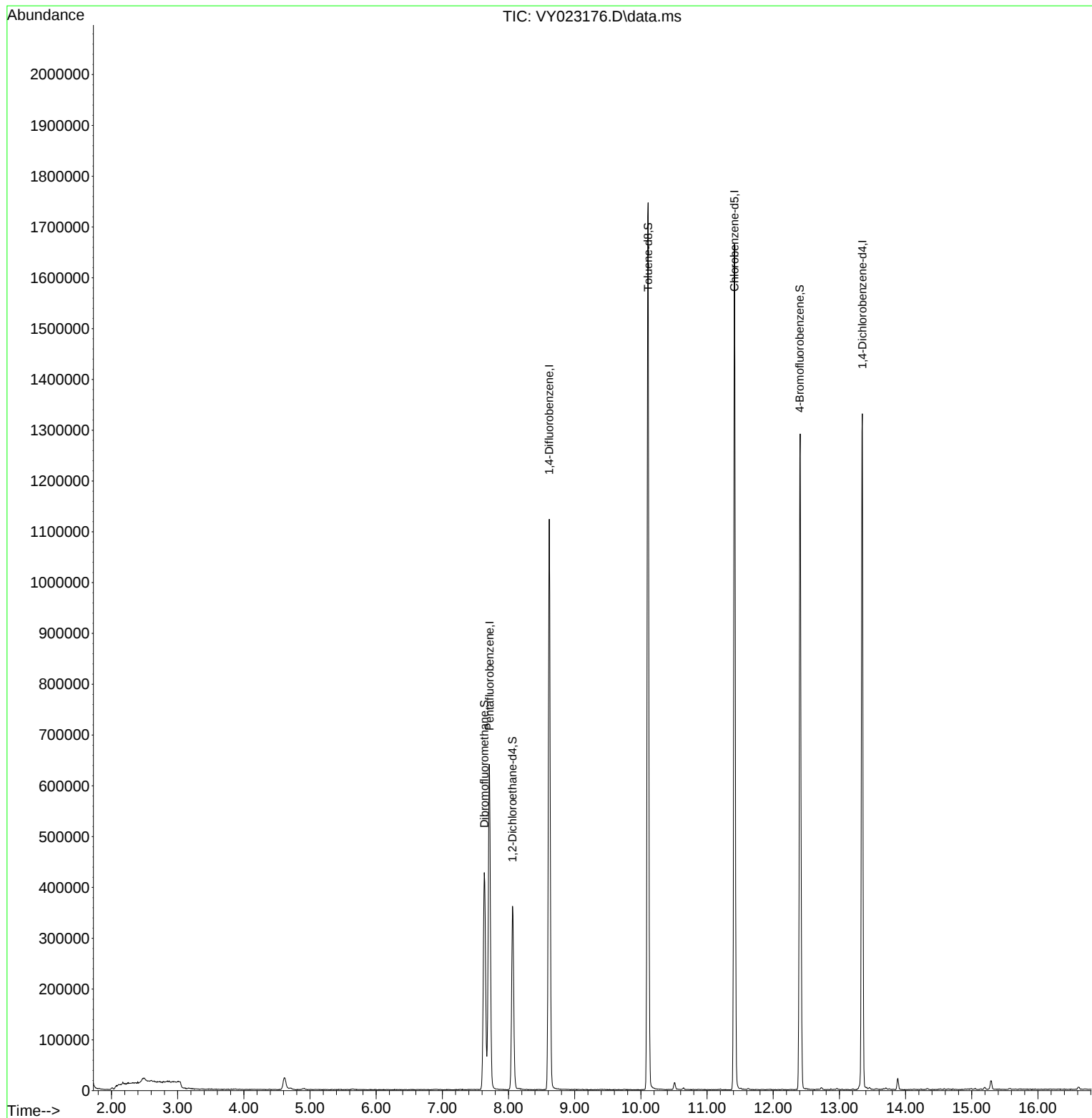
Target Compounds	Qvalue

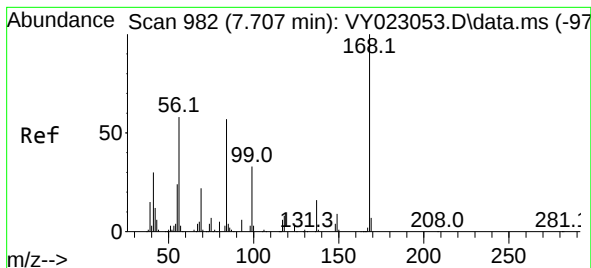
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023176.D
Acq On : 20 Aug 2025 15:21
Operator : SY/MD
Sample : Q2892-05
Misc : 5.91g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BACK-1-FLOOR-CENTER-MIDDLE-C

Quant Time: Aug 21 01:40:00 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.713 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY023176.D

Acq: 20 Aug 2025 15:21

Instrument :

MSVOA_Y

ClientSampleId :

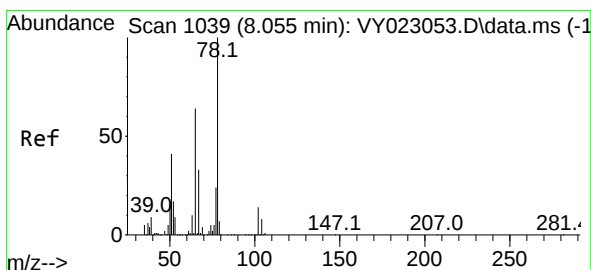
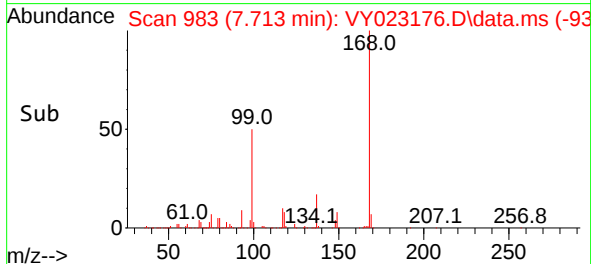
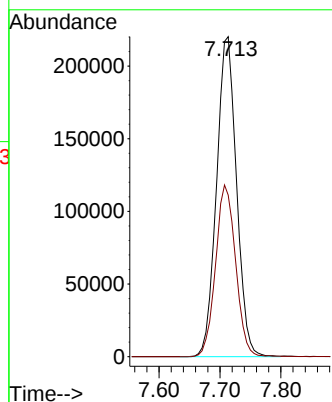
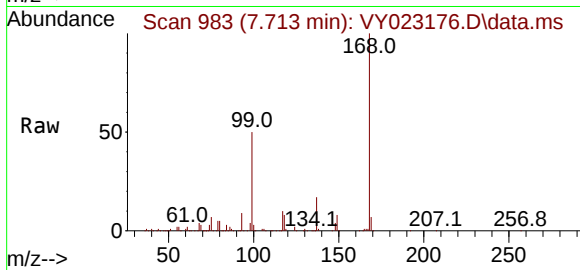
BACK-1-FLOOR-CENTER-MIDDLE-C

Tgt Ion:168 Resp: 501346

Ion Ratio Lower Upper

168 100

99 50.5 42.8 64.2



#33

1,2-Dichloroethane-d4

Concen: 58.626 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY023176.D

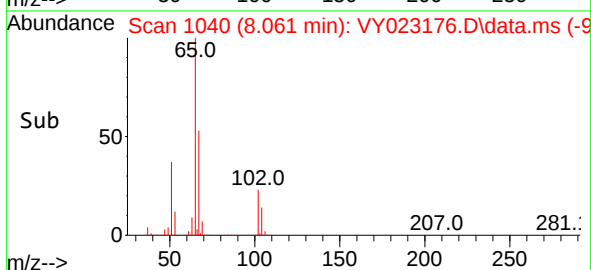
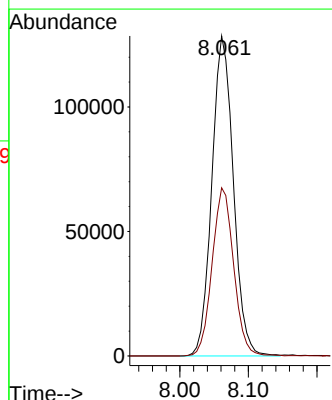
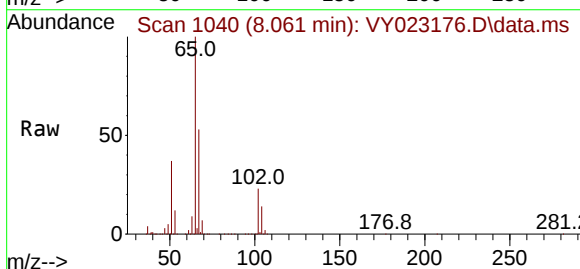
Acq: 20 Aug 2025 15:21

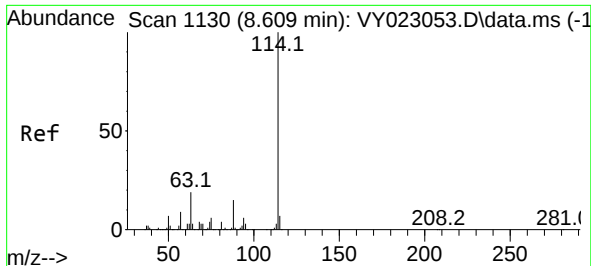
Tgt Ion: 65 Resp: 280123

Ion Ratio Lower Upper

65 100

67 52.8 0.0 106.8

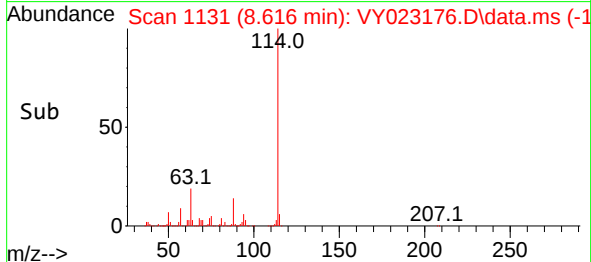
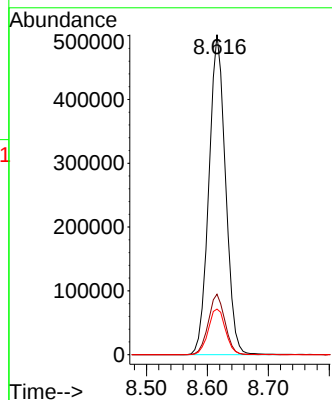
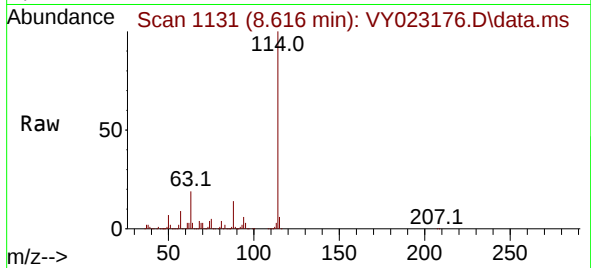




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VY023176.D
Acq: 20 Aug 2025 15:21

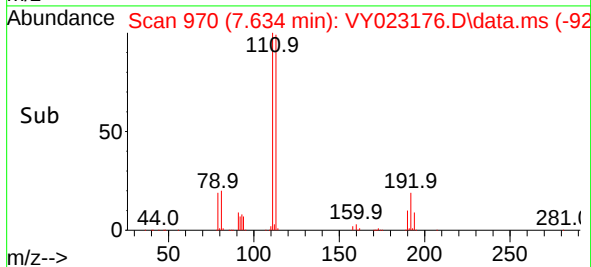
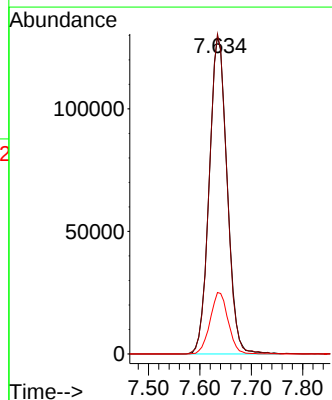
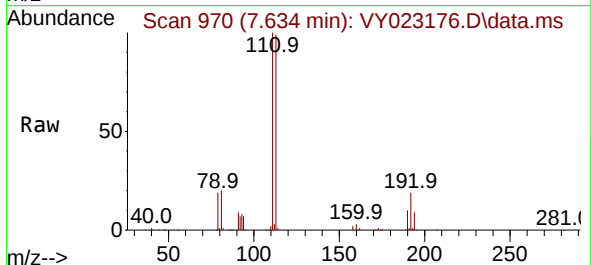
Instrument :
MSVOA_Y
ClientSampleId :
BACK-1-FLOOR-CENTER-MIDDLE-C

Tgt Ion:114 Resp: 951773
Ion Ratio Lower Upper
114 100
63 18.9 0.0 38.4
88 14.3 0.0 30.0



#35
Dibromofluoromethane
Concen: 54.982 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY023176.D
Acq: 20 Aug 2025 15:21

Tgt Ion:113 Resp: 313131
Ion Ratio Lower Upper
113 100
111 99.5 81.1 121.7
192 19.5 16.2 24.4

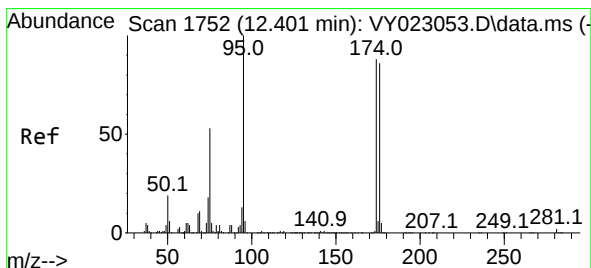
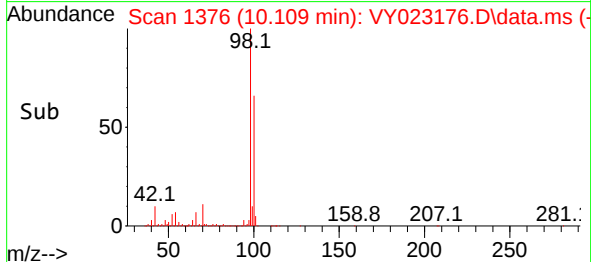
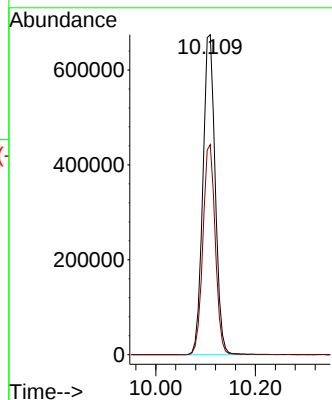
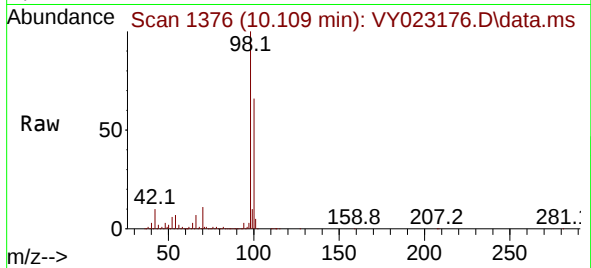




#50
Toluene-d8
Concen: 51.970 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023176.D
Acq: 20 Aug 2025 15:21

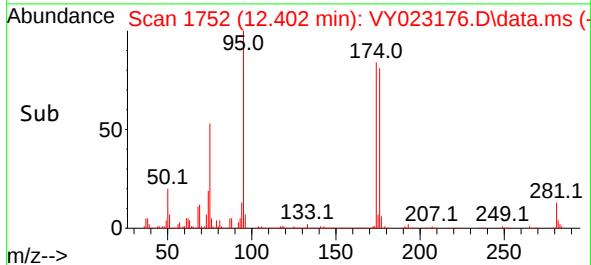
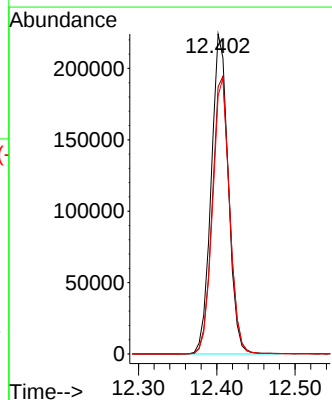
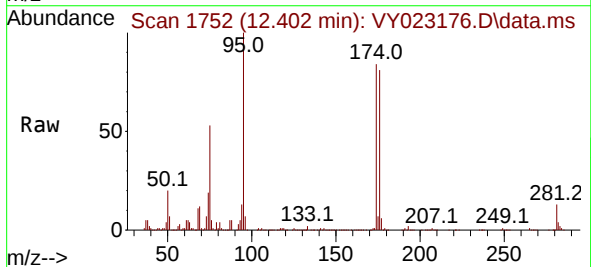
Instrument :
MSVOA_Y
ClientSampleId :
BACK-1-FLOOR-CENTER-MIDDLE-C

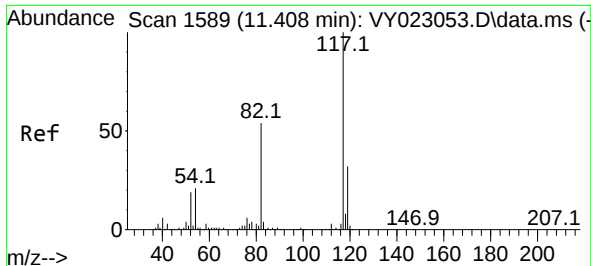
Tgt Ion: 98 Resp: 1156251
Ion Ratio Lower Upper
98 100
100 65.7 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 47.232 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023176.D
Acq: 20 Aug 2025 15:21

Tgt Ion: 95 Resp: 337948
Ion Ratio Lower Upper
95 100
174 88.4 0.0 171.6
176 85.7 0.0 167.6

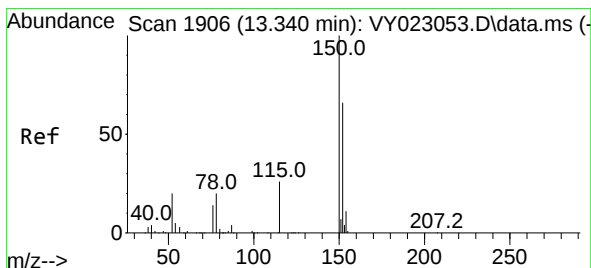
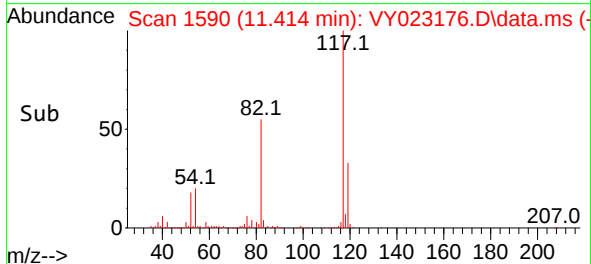
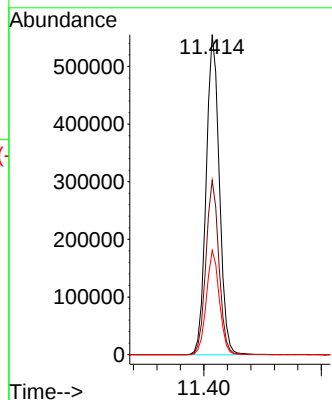
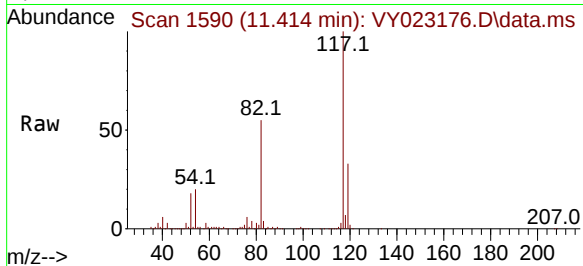




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023176.D
Acq: 20 Aug 2025 15:21

Instrument :
MSVOA_Y
ClientSampleId :
BACK-1-FLOOR-CENTER-MIDDLE-C

Tgt Ion:117 Resp: 866589
Ion Ratio Lower Upper
117 100
82 54.5 43.4 65.0
119 32.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY023176.D
Acq: 20 Aug 2025 15:21

Tgt Ion:152 Resp: 347720
Ion Ratio Lower Upper
152 100
115 56.4 28.2 84.6
150 153.5 0.0 348.0

