

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050625\
 Data File : VY022174.D
 Acq On : 06 May 2025 11:29
 Operator : SY/MD
 Sample : Q1961-01
 Misc : 5.29g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-050525

Quant Time: May 07 04:33:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	94987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	153250	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	123852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	36167	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	43218	49.258	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.520%
35) Dibromofluoromethane	7.634	113	55798	55.112	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.220%
50) Toluene-d8	10.109	98	178874	46.863	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.720%
62) 4-Bromofluorobenzene	12.408	95	40727	31.696	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	63.400%

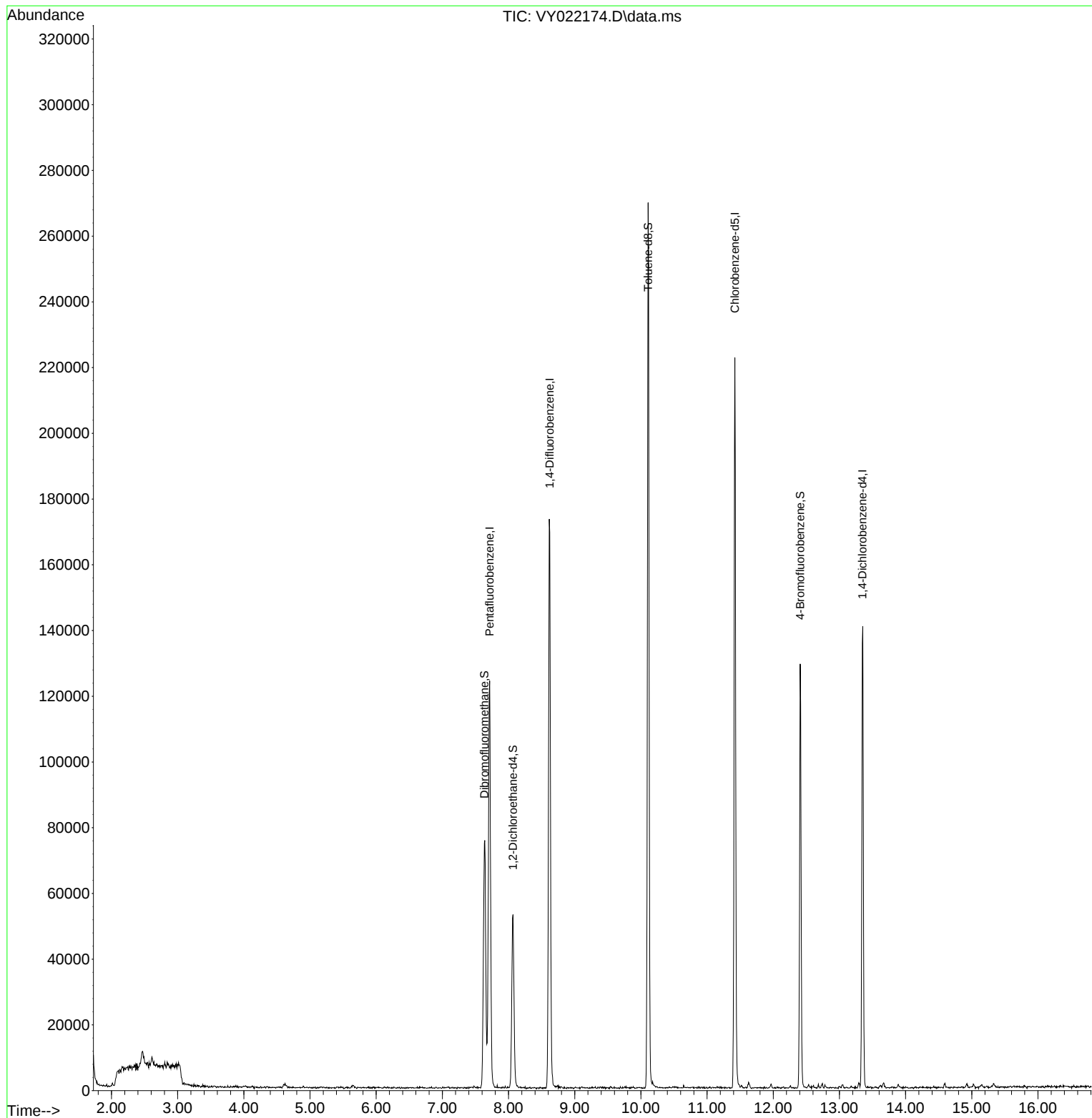
Target Compounds	Qvalue

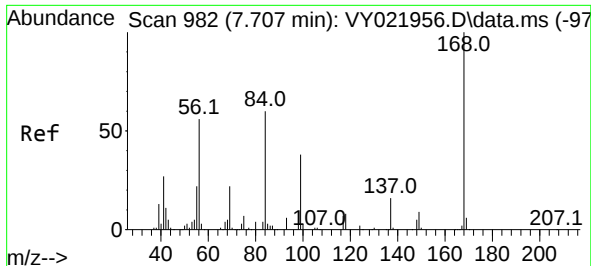
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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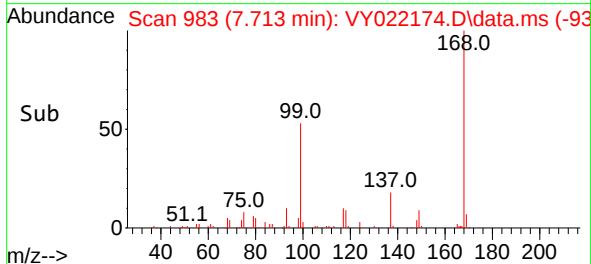
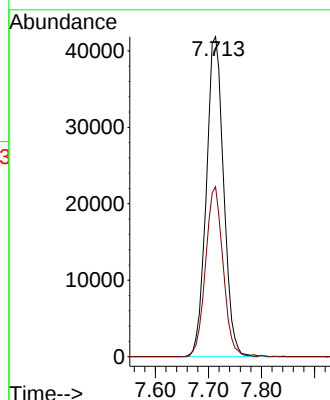
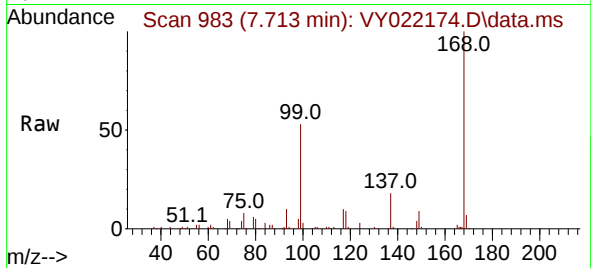




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 99
Delta R.T. 0.006 min
Lab File: VY022174.D
Acq: 06 May 2025 11:29

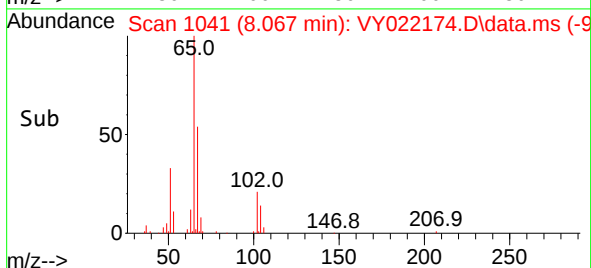
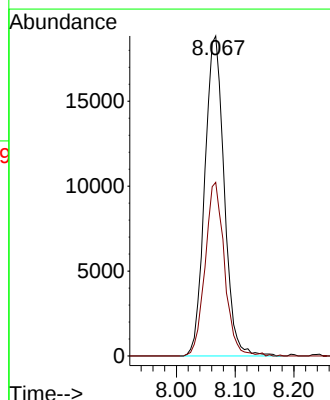
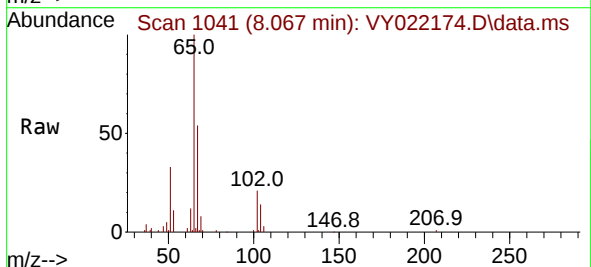
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-050525

Tgt Ion:168 Resp: 94987
Ion Ratio Lower Upper
168 100
99 53.1 43.1 64.7



#33
1,2-Dichloroethane-d4
Concen: 49.258 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY022174.D
Acq: 06 May 2025 11:29

Tgt Ion: 65 Resp: 43218
Ion Ratio Lower Upper
65 100
67 54.2 0.0 105.8

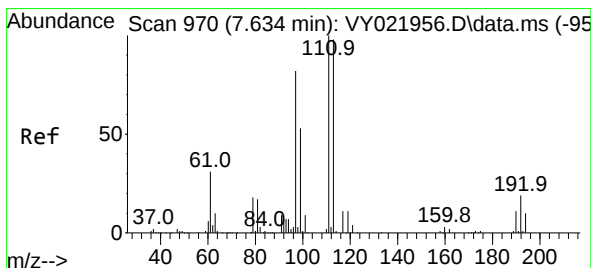
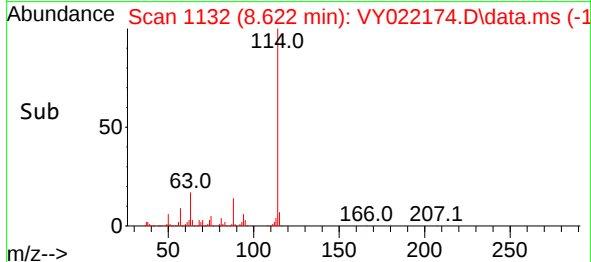
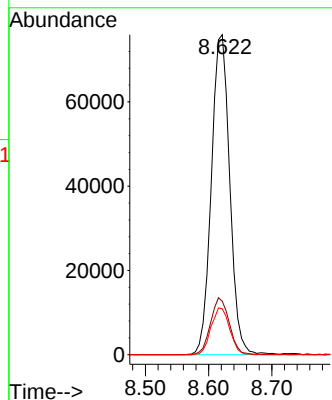
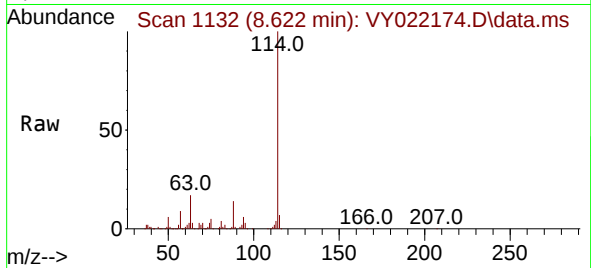




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VY022174.D
Acq: 06 May 2025 11:29

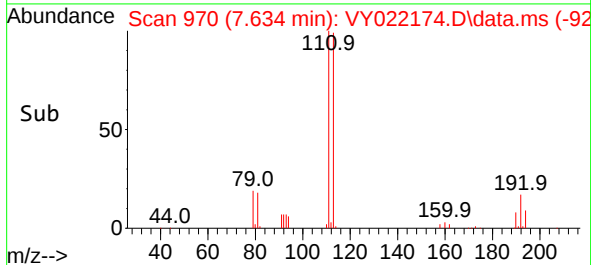
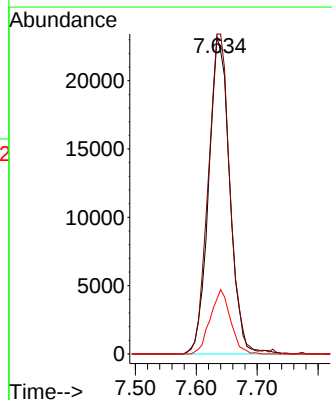
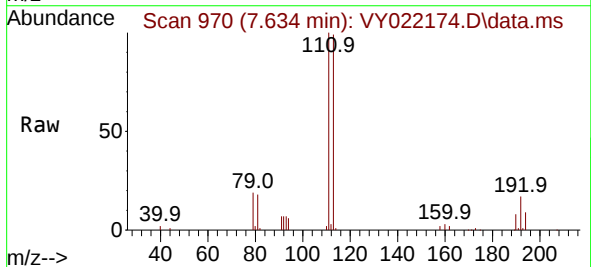
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-050525

Tgt Ion:114 Resp: 153250
Ion Ratio Lower Upper
114 100
63 16.7 0.0 35.4
88 14.3 0.0 28.2



#35
Dibromofluoromethane
Concen: 55.112 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY022174.D
Acq: 06 May 2025 11:29

Tgt Ion:113 Resp: 55798
Ion Ratio Lower Upper
113 100
111 103.5 81.8 122.8
192 19.5 15.6 23.4

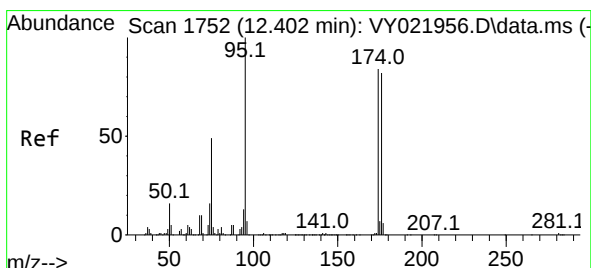
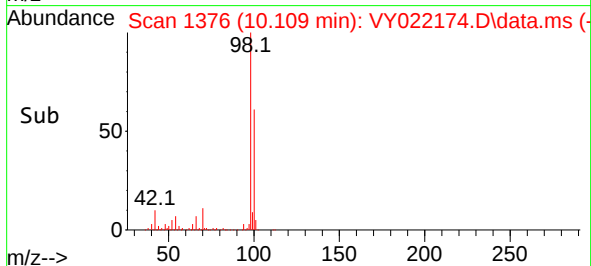
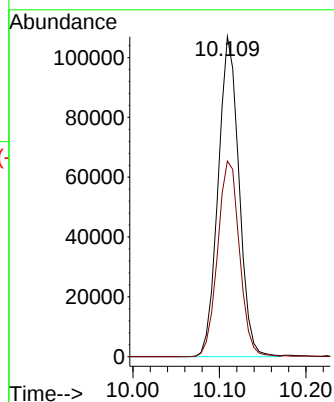
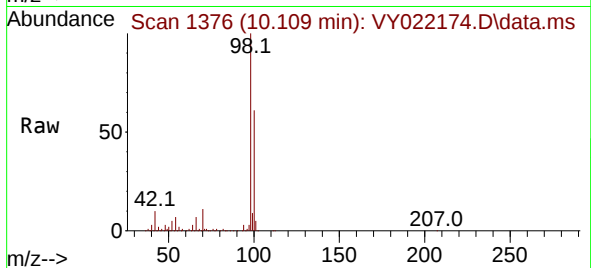




#50
Toluene-d8
Concen: 46.863 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022174.D
Acq: 06 May 2025 11:29

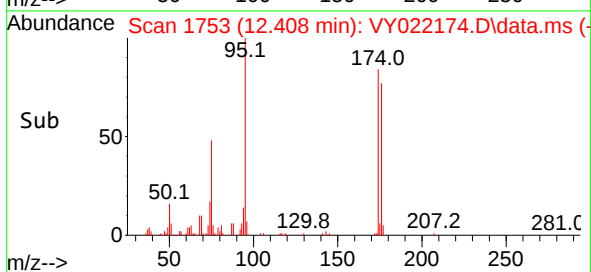
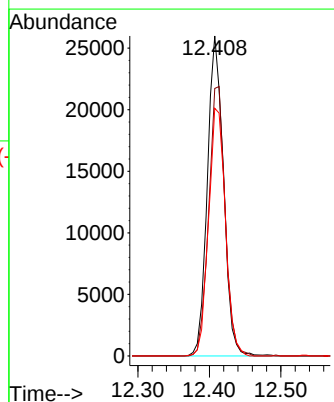
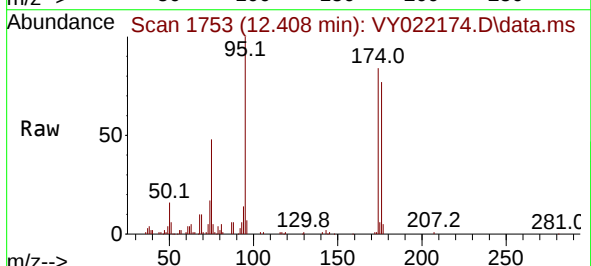
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-050525

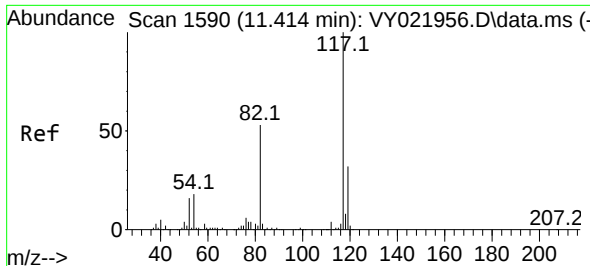
Tgt Ion: 98 Resp: 178874
Ion Ratio Lower Upper
98 100
100 64.1 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 31.696 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022174.D
Acq: 06 May 2025 11:29

Tgt Ion: 95 Resp: 40727
Ion Ratio Lower Upper
95 100
174 86.0 0.0 179.0
176 80.8 0.0 171.8

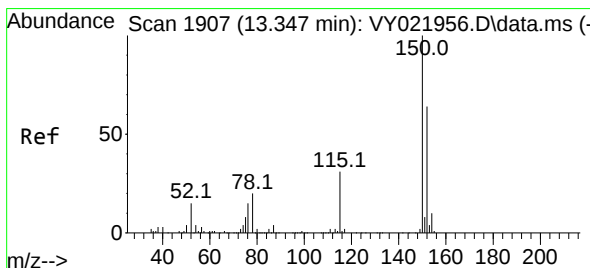
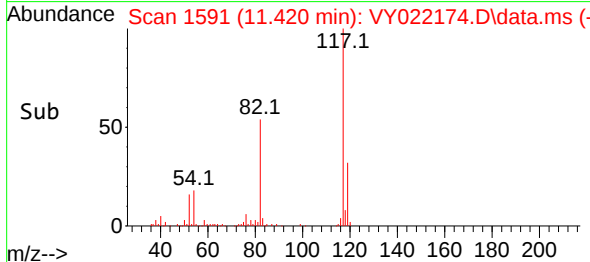
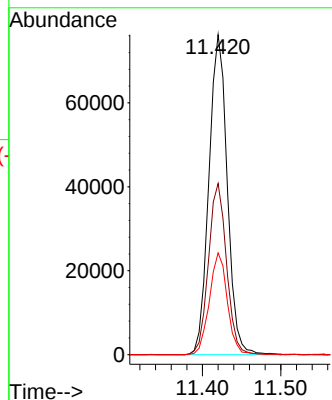
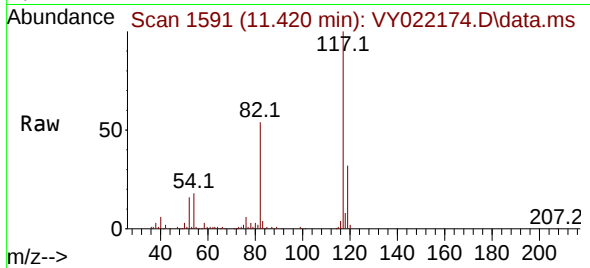




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY022174.D
Acq: 06 May 2025 11:29

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-050525

Tgt Ion:	117	Resp:	123852
Ion	Ratio	Lower	Upper
117	100		
82	53.5	42.1	63.1
119	31.8	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: VY022174.D
Acq: 06 May 2025 11:29

Tgt Ion:	152	Resp:	36167
Ion	Ratio	Lower	Upper
152	100		
115	59.8	28.0	84.0
150	165.1	0.0	345.6

