

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
 Data File : VY022100.D
 Acq On : 01 May 2025 12:17
 Operator : SY/MD
 Sample : Q1911-01RE
 Misc : 5.75g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-03-04292025RE

Quant Time: May 01 12:57:30 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	7.707	168	41648	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	53205	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	31414	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	5536	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	9563	24.859	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	49.720%#
35) Dibromofluoromethane	7.634	113	14362	40.859	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.720%
50) Toluene-d8	10.103	98	54619	41.217	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	82.440%
62) 4-Bromofluorobenzene	12.408	95	8007	17.949	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	35.900%

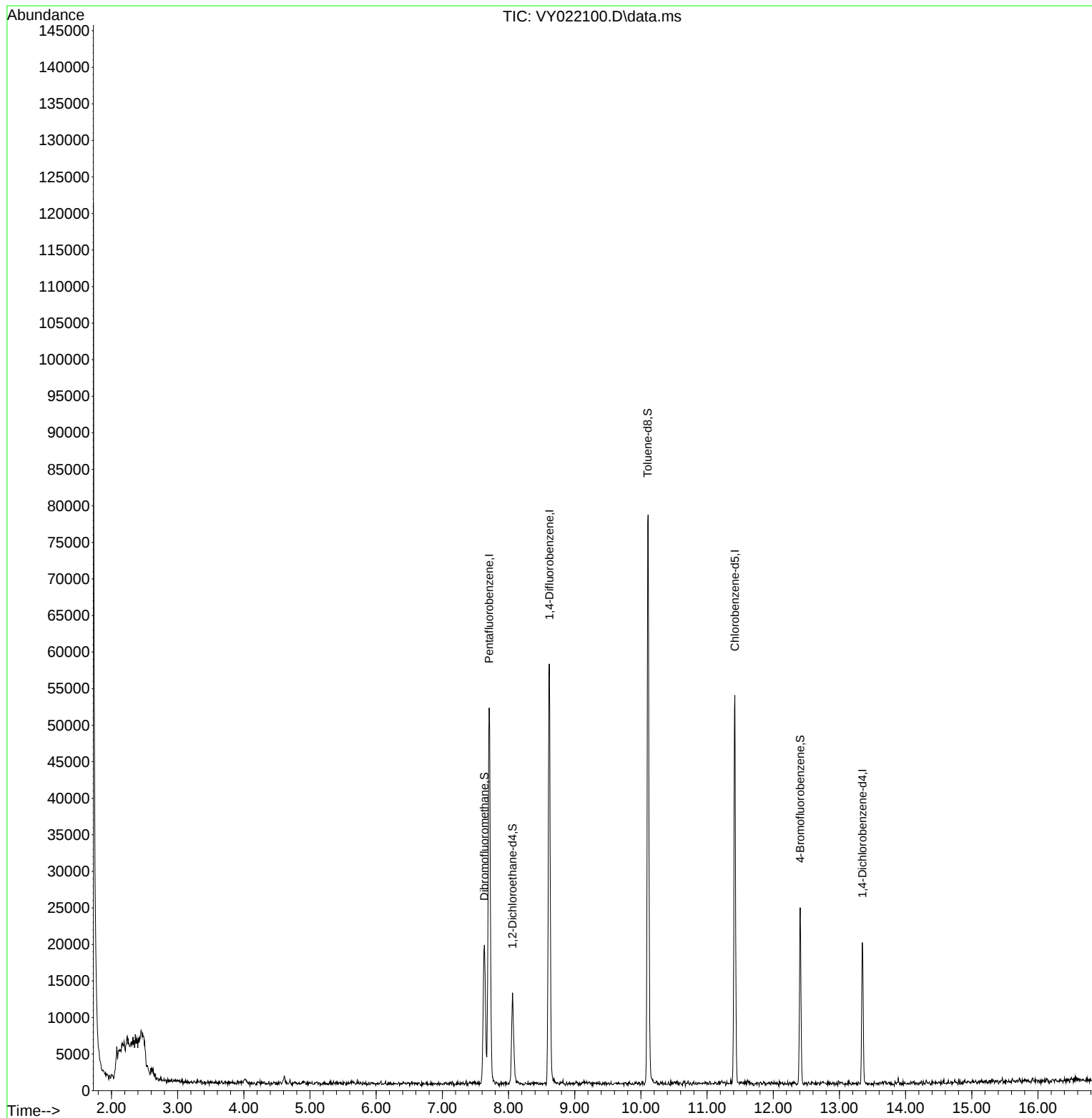
Target Compounds	Qvalue

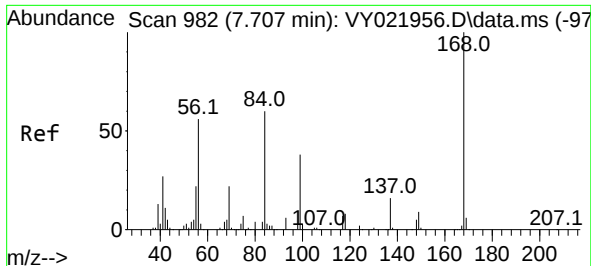
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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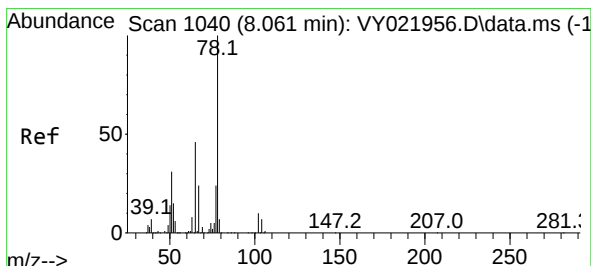
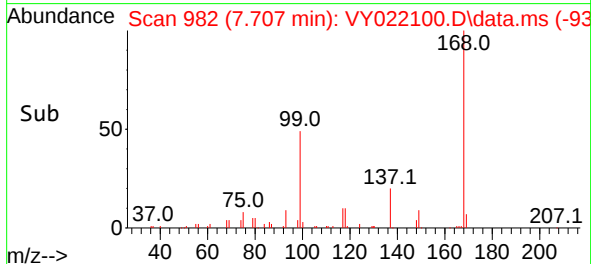
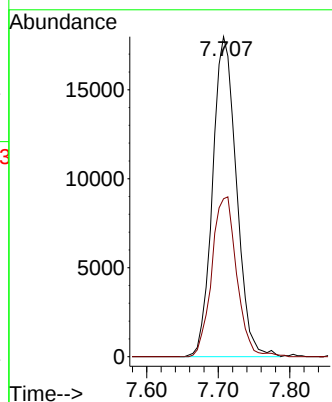
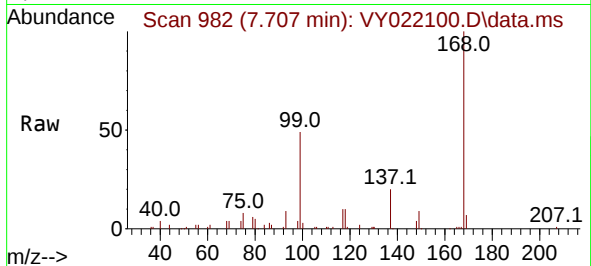




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022100.D
Acq: 01 May 2025 12:17

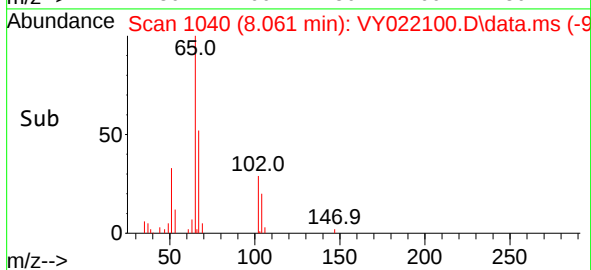
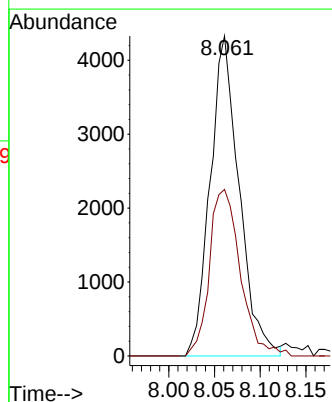
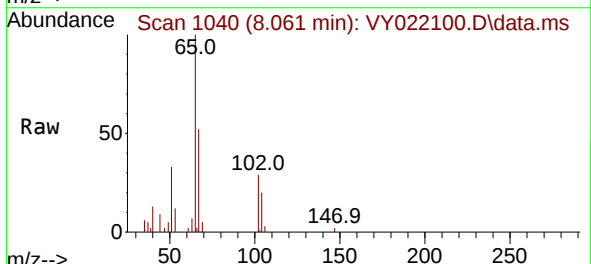
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-04292025RE

Tgt Ion:168 Resp: 41648
Ion Ratio Lower Upper
168 100
99 49.3 43.1 64.7



#33
1,2-Dichloroethane-d4
Concen: 24.859 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022100.D
Acq: 01 May 2025 12:17

Tgt Ion: 65 Resp: 9563
Ion Ratio Lower Upper
65 100
67 55.3 0.0 105.8

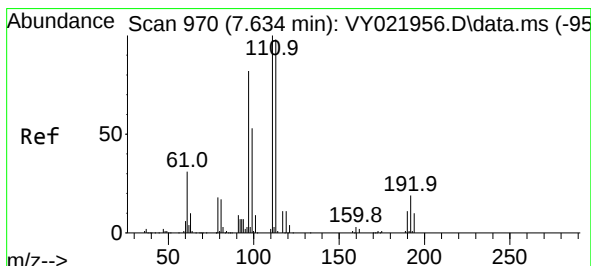
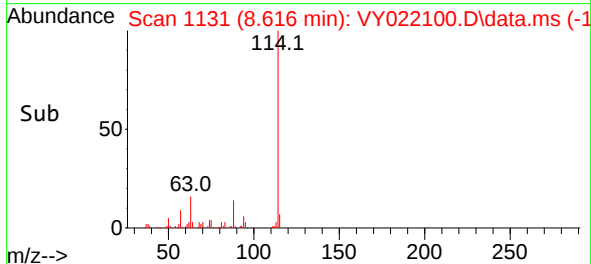
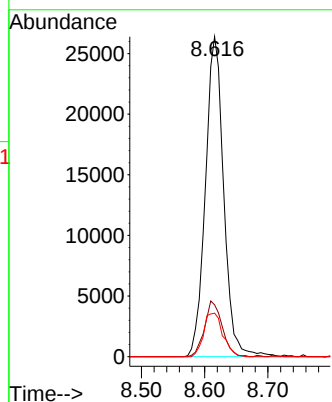
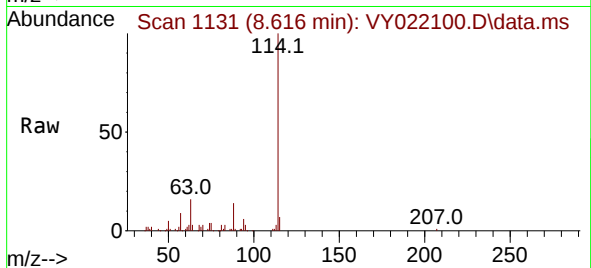




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022100.D
Acq: 01 May 2025 12:17

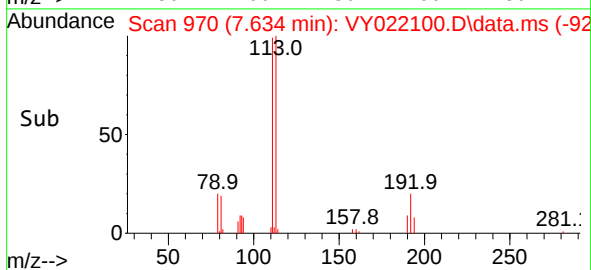
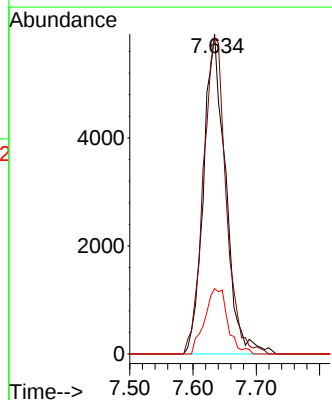
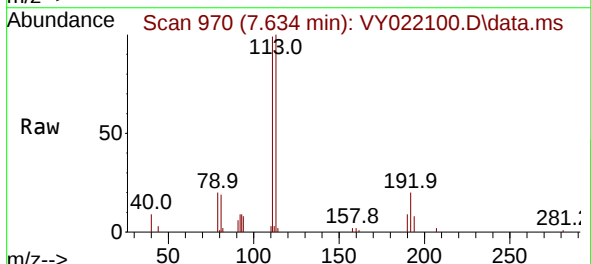
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-04292025RE

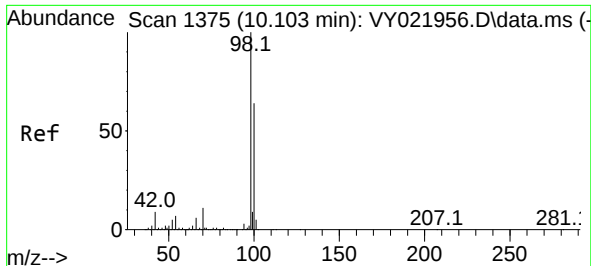
Tgt Ion:	114	Resp:	53205
Ion Ratio	Lower	Upper	
114	100		
63	16.2	0.0	35.4
88	13.6	0.0	28.2



#35
Dibromofluoromethane
Concen: 40.859 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY022100.D
Acq: 01 May 2025 12:17

Tgt Ion:	113	Resp:	14362
Ion Ratio	Lower	Upper	
113	100		
111	102.0	81.8	122.8
192	21.3	15.6	23.4

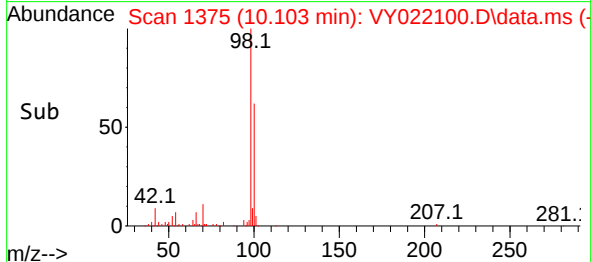
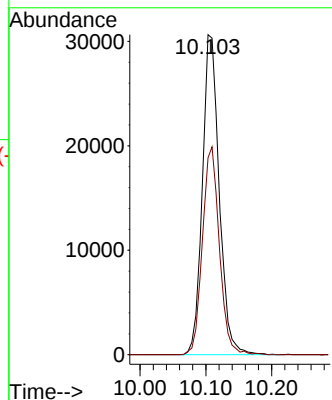
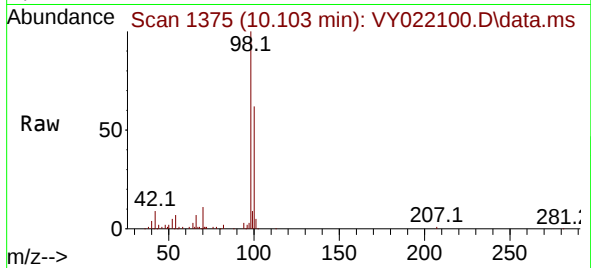




#50
Toluene-d8
Concen: 41.217 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022100.D
Acq: 01 May 2025 12:17

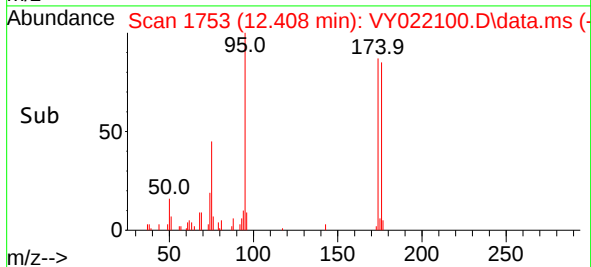
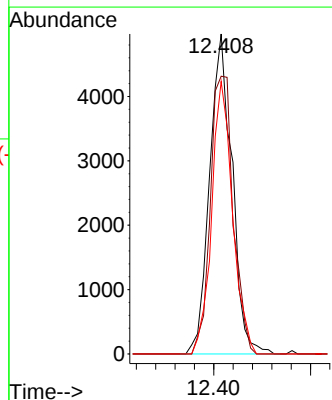
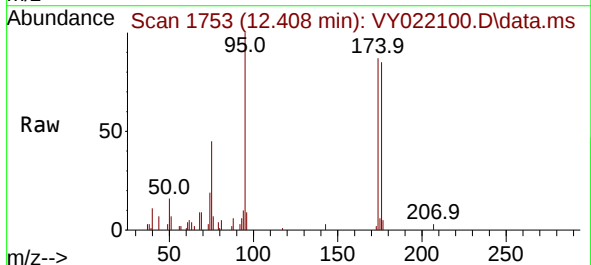
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-04292025RE

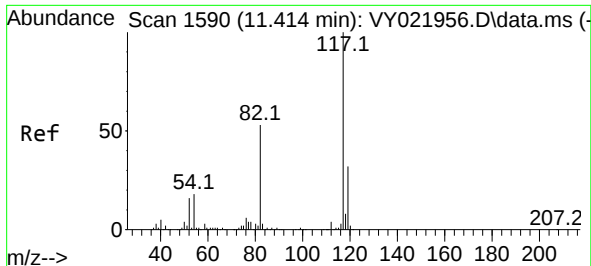
Tgt Ion: 98 Resp: 54619
Ion Ratio Lower Upper
98 100
100 65.2 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 17.949 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022100.D
Acq: 01 May 2025 12:17

Tgt Ion: 95 Resp: 8007
Ion Ratio Lower Upper
95 100
174 88.9 0.0 179.0
176 79.3 0.0 171.8

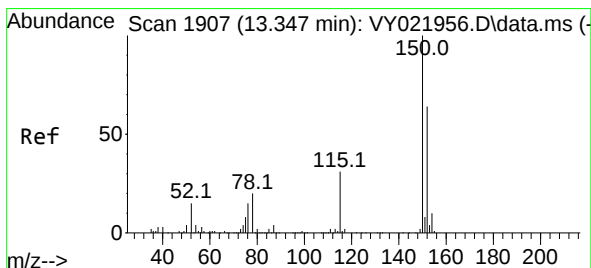
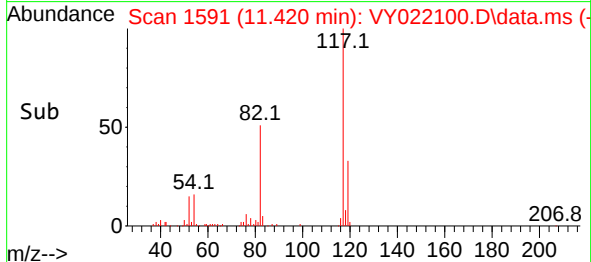
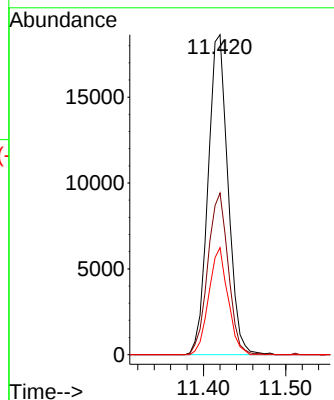
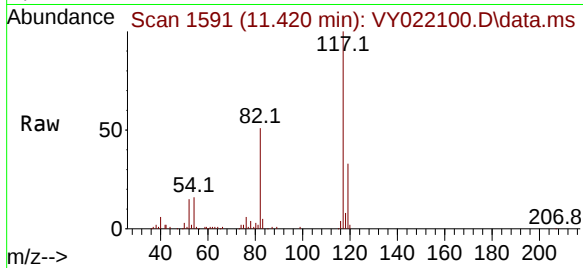




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022100.D
Acq: 01 May 2025 12:17

Instrument :
MSVOA_Y
ClientSampleId :
EO-03-04292025RE

Tgt Ion:	117	Resp:	31414
Ion Ratio	Lower	Upper	
117	100		
82	50.5	42.1	63.1
119	33.4	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022100.D
Acq: 01 May 2025 12:17

Tgt Ion:	152	Resp:	5536
Ion Ratio	Lower	Upper	
152	100		
115	55.5	28.0	84.0
150	162.9	0.0	345.6

