

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050725\
 Data File : VY022186.D
 Acq On : 07 May 2025 12:03
 Operator : SY/MD
 Sample : Q1961-01RE
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-050525RE

Quant Time: May 07 13:50:26 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	84531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	137215	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	112152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	33248	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	42080	53.894	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.780%
35) Dibromofluoromethane	7.634	113	52491	57.904	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.800%
50) Toluene-d8	10.109	98	161895	47.372	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.740%
62) 4-Bromofluorobenzene	12.408	95	36646	31.853	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	63.700%

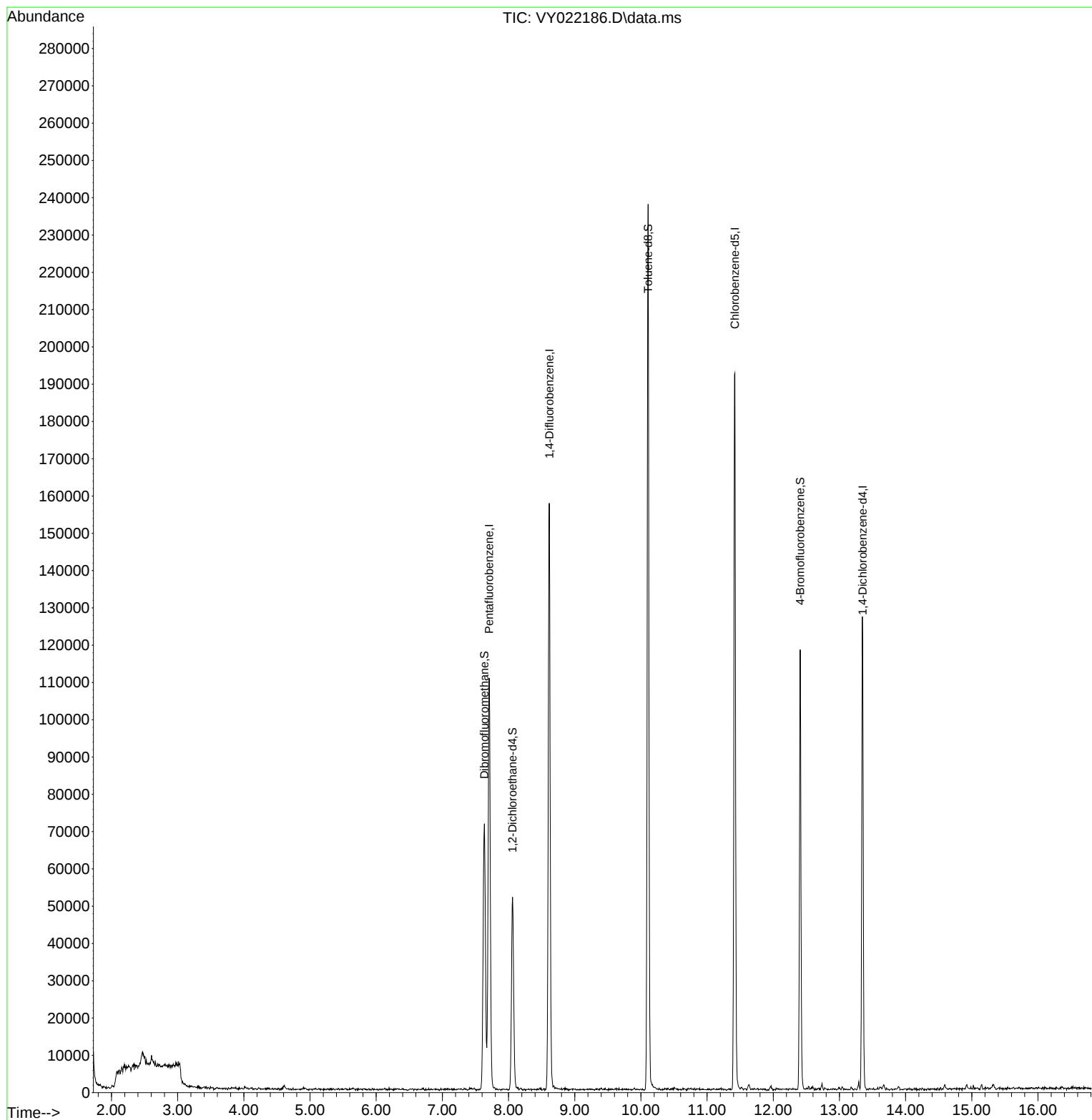
Target Compounds	Qvalue

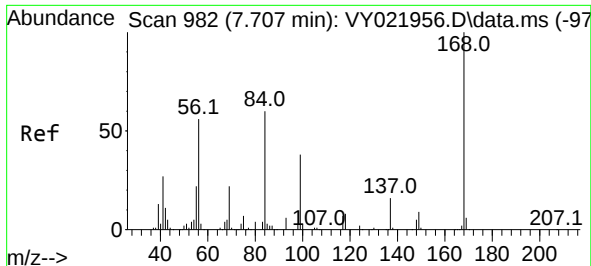
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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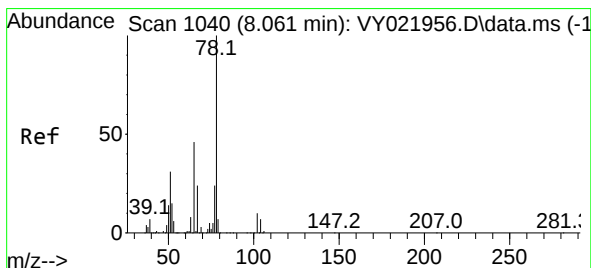
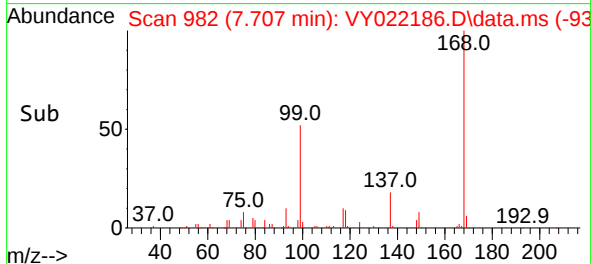
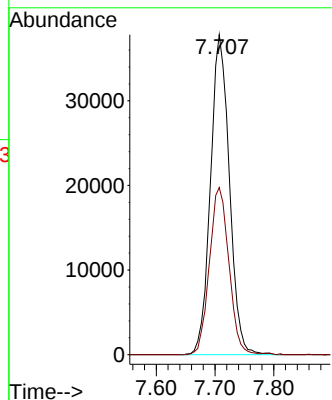
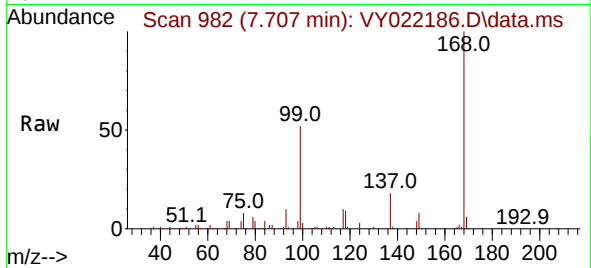




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022186.D
Acq: 07 May 2025 12:03

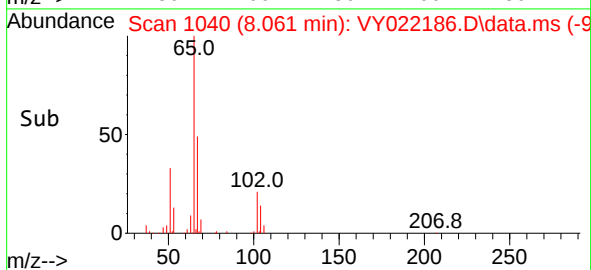
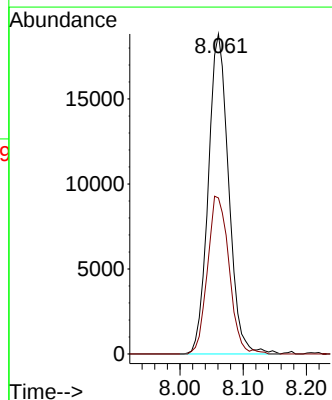
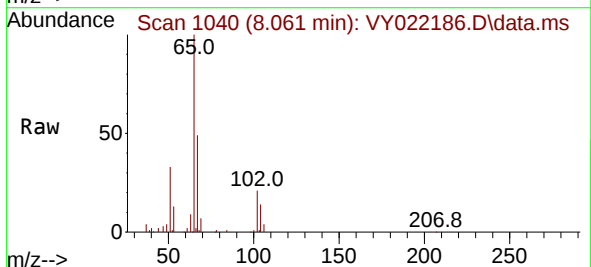
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-050525RE

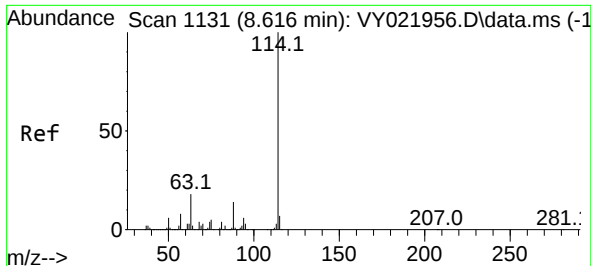
Tgt Ion:168 Resp: 84531
Ion Ratio Lower Upper
168 100
99 52.3 43.1 64.7



#33
1,2-Dichloroethane-d4
Concen: 53.894 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022186.D
Acq: 07 May 2025 12:03

Tgt Ion: 65 Resp: 42080
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.8

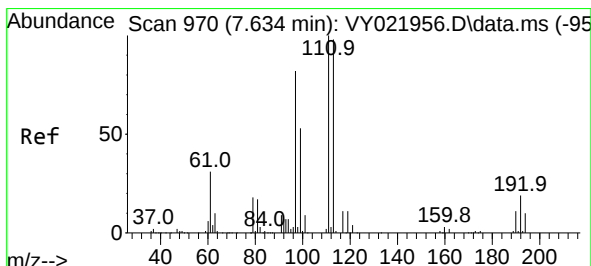
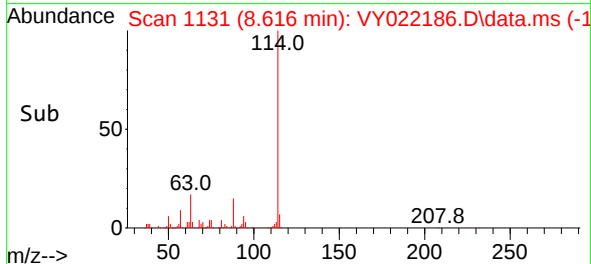
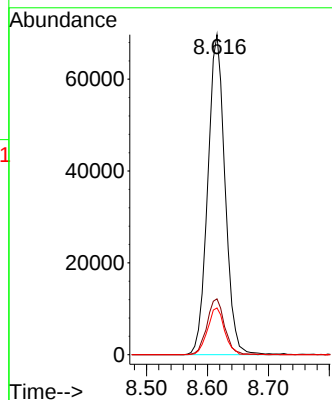
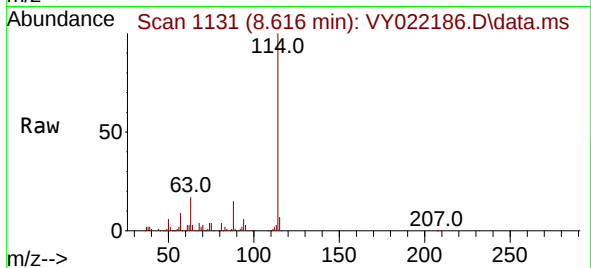




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022186.D
Acq: 07 May 2025 12:03

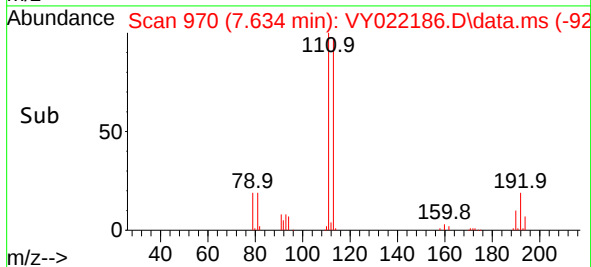
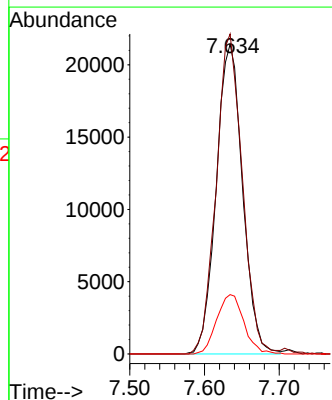
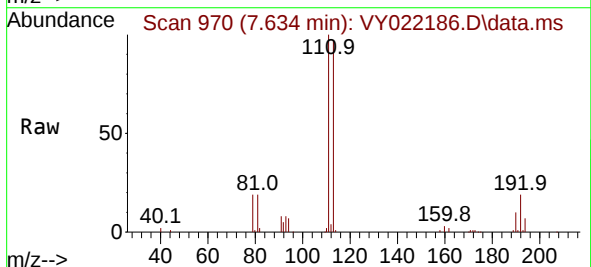
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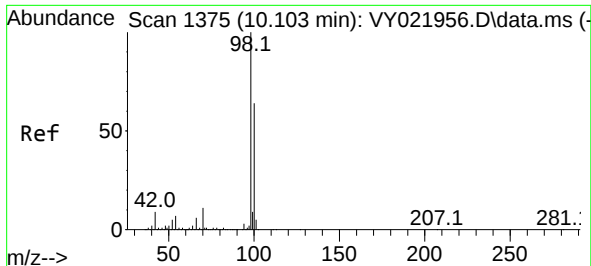
Tgt Ion:114 Resp: 137215
Ion Ratio Lower Upper
114 100
63 17.4 0.0 35.4
88 14.6 0.0 28.2



#35
Dibromofluoromethane
Concen: 57.904 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY022186.D
Acq: 07 May 2025 12:03

Tgt Ion:113 Resp: 52491
Ion Ratio Lower Upper
113 100
111 102.4 81.8 122.8
192 19.8 15.6 23.4

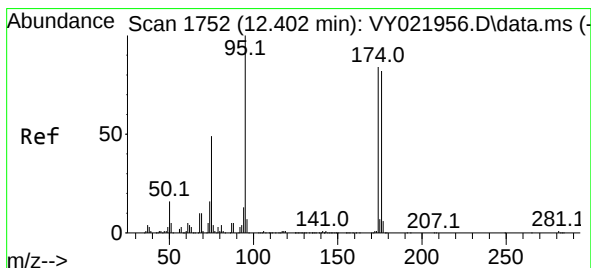
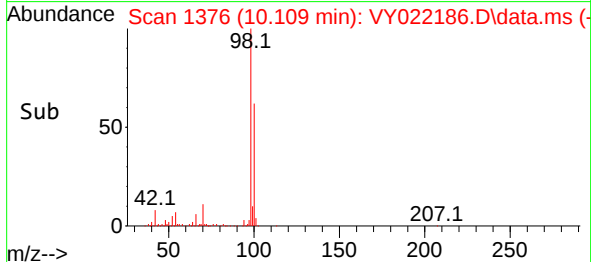
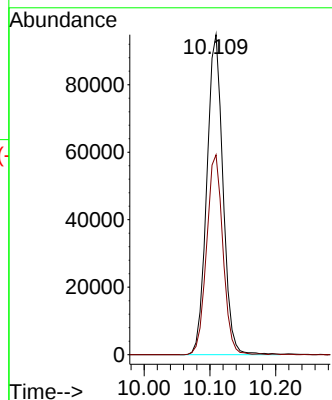
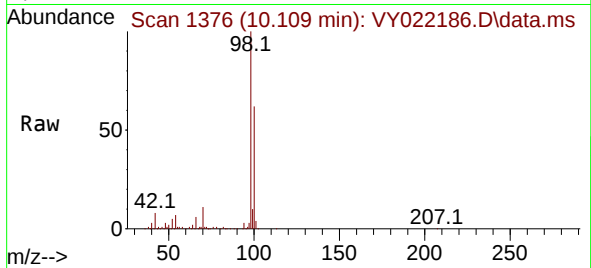




#50
Toluene-d8
Concen: 47.372 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022186.D
Acq: 07 May 2025 12:03

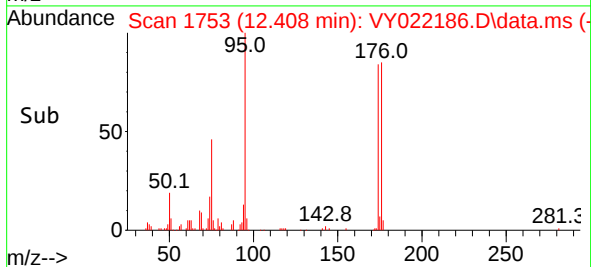
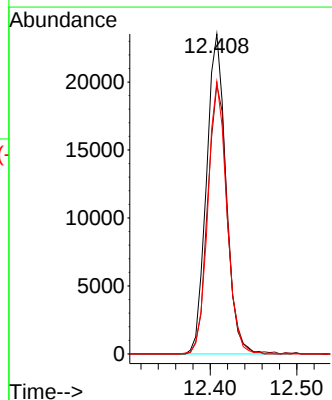
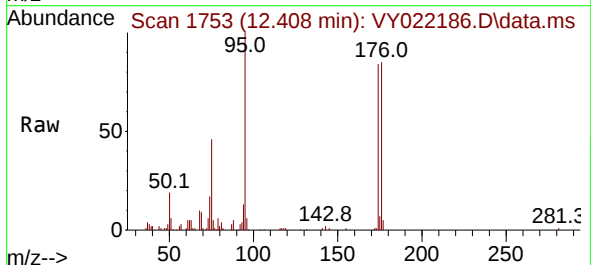
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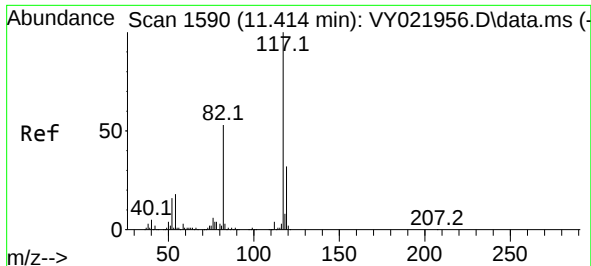
Tgt Ion: 98 Resp: 161895
Ion Ratio Lower Upper
98 100
100 63.1 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 31.853 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022186.D
Acq: 07 May 2025 12:03

Tgt Ion: 95 Resp: 36646
Ion Ratio Lower Upper
95 100
174 85.7 0.0 179.0
176 82.8 0.0 171.8

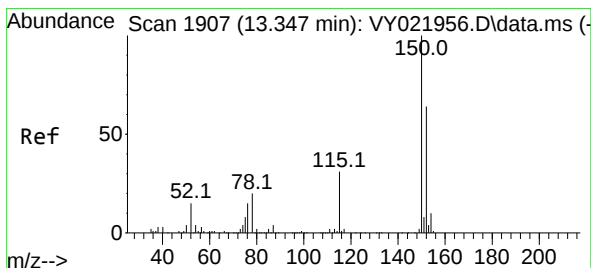
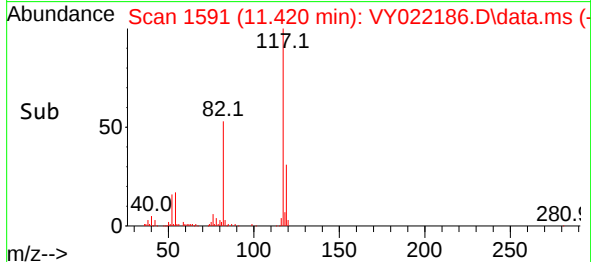
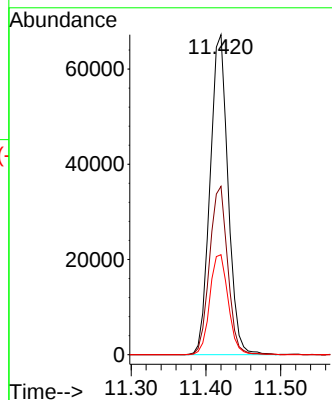
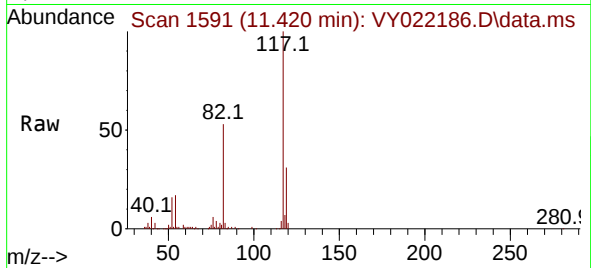




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022186.D
Acq: 07 May 2025 12:03

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-050525RE

Tgt Ion:117 Resp: 112152
Ion Ratio Lower Upper
117 100
82 52.6 42.1 63.1
119 31.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY022186.D
Acq: 07 May 2025 12:03

Tgt Ion:152 Resp: 33248
Ion Ratio Lower Upper
152 100
115 56.0 28.0 84.0
150 157.8 0.0 345.6

