

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031825\
 Data File : VY021557.D
 Acq On : 18 Mar 2025 11:06
 Operator : SY/MD
 Sample : VY0318SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0318SBL01

Quant Time: Mar 19 01:38:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	252095	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	463980	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	410354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	156201	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	148257	55.642	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.280%
35) Dibromofluoromethane	7.634	113	156514	51.319	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.640%
50) Toluene-d8	10.109	98	567845	49.175	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.340%
62) 4-Bromofluorobenzene	12.407	95	166006	42.262	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.520%

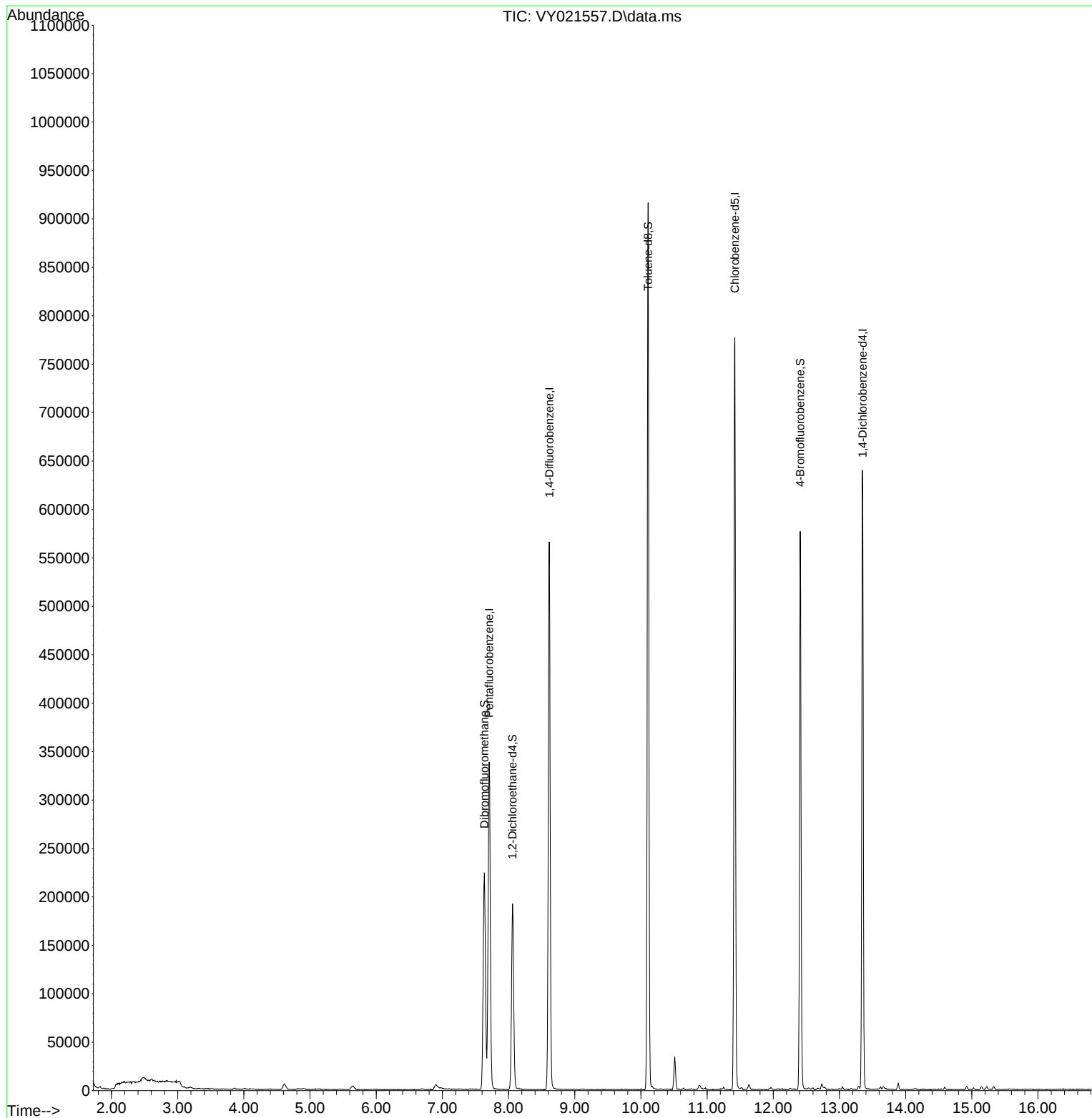
Target Compounds	Qvalue

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

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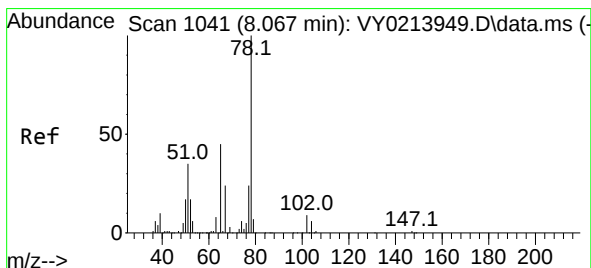
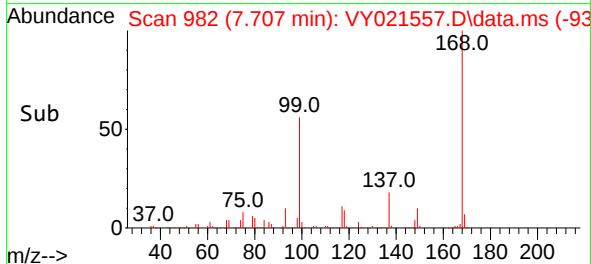
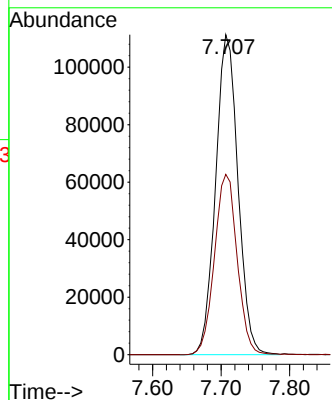
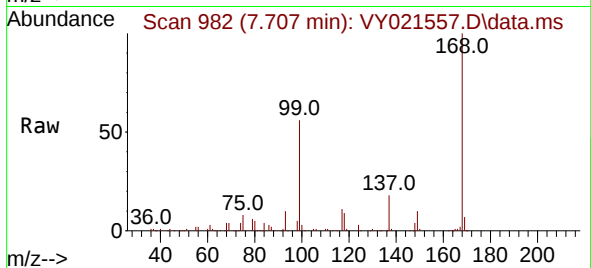




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021557.D
Acq: 18 Mar 2025 11:06

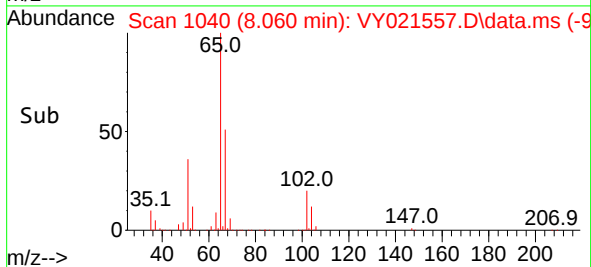
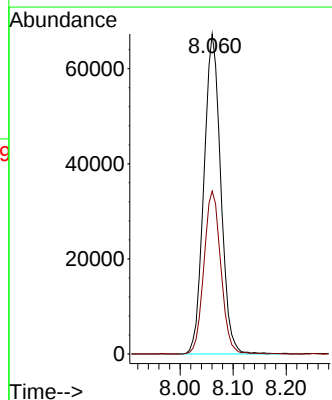
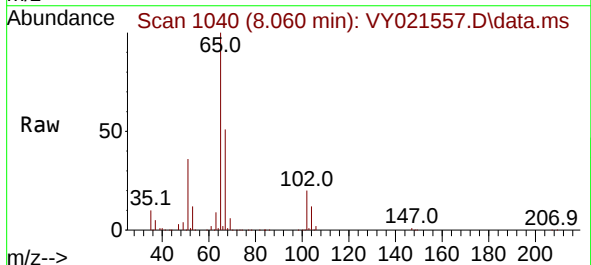
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBL01

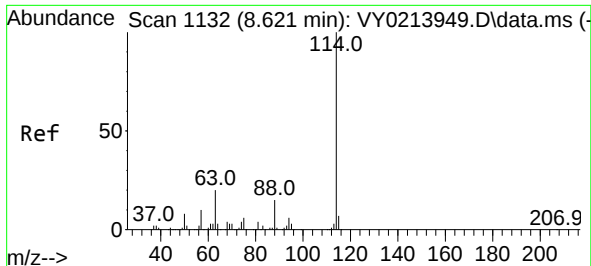
Tgt Ion:168 Resp: 252095
Ion Ratio Lower Upper
168 100
99 56.3 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 55.642 ug/l
RT: 8.060 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021557.D
Acq: 18 Mar 2025 11:06

Tgt Ion: 65 Resp: 148257
Ion Ratio Lower Upper
65 100
67 51.1 0.0 102.8

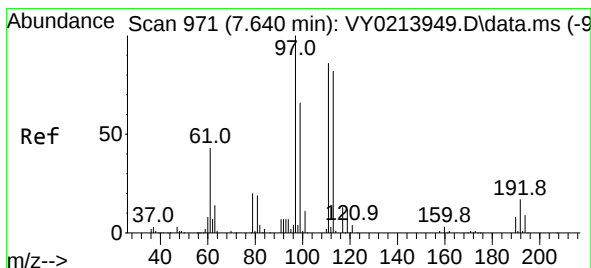
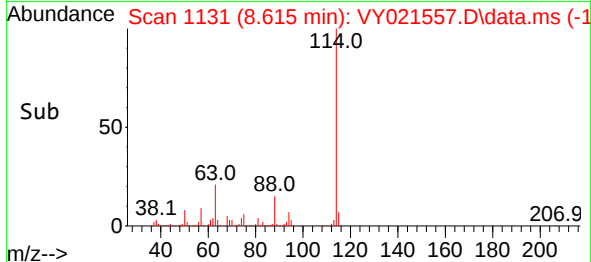
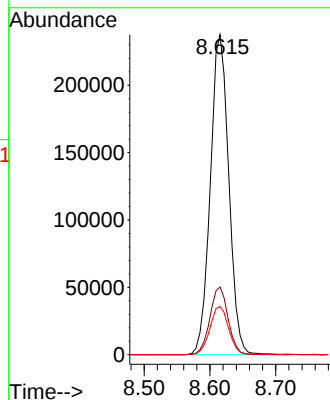
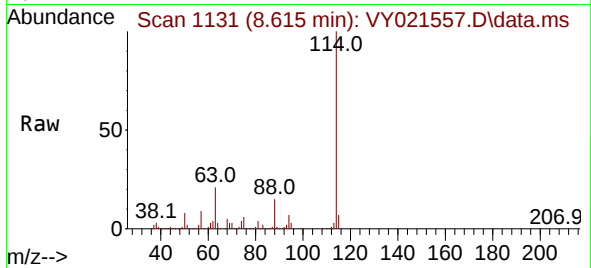




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021557.D
Acq: 18 Mar 2025 11:06

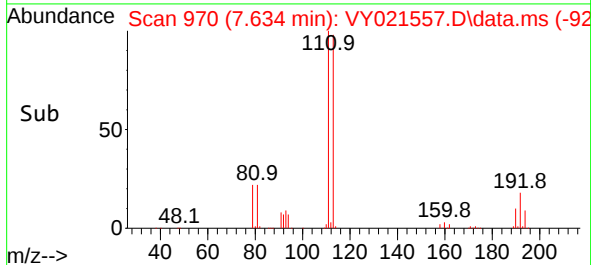
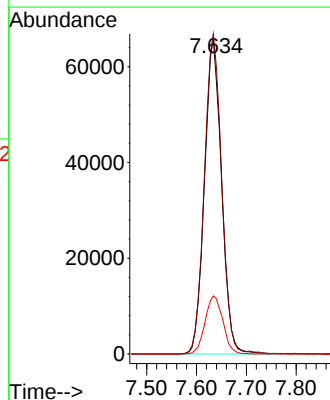
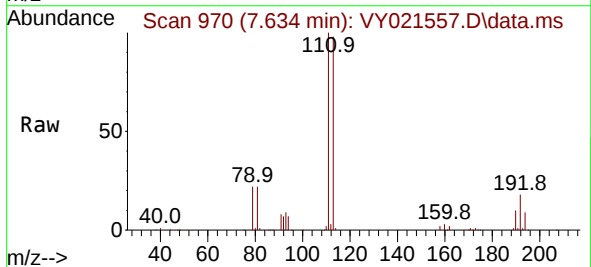
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBL01

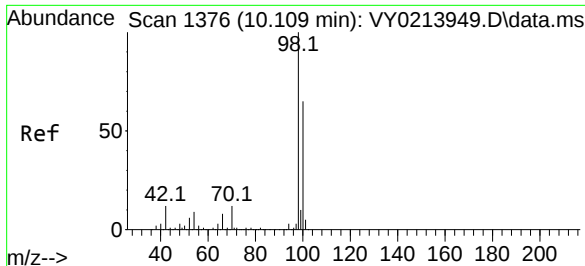
Tgt Ion:114	Resp: 463980
Ion Ratio	Lower Upper
114 100	
63 21.2	0.0 40.8
88 15.0	0.0 30.8



#35
Dibromofluoromethane
Concen: 51.319 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021557.D
Acq: 18 Mar 2025 11:06

Tgt Ion:113	Resp: 156514
Ion Ratio	Lower Upper
113 100	
111 102.8	82.0 123.0
192 19.2	15.9 23.9

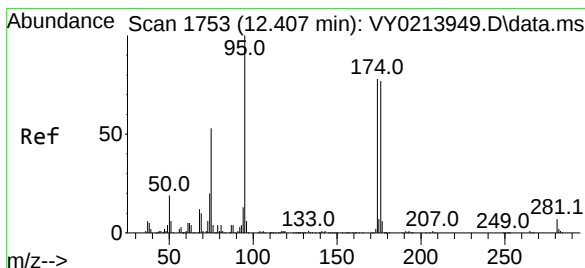
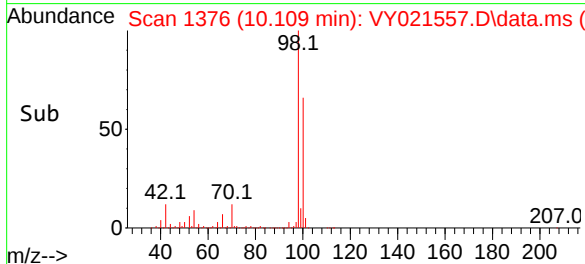
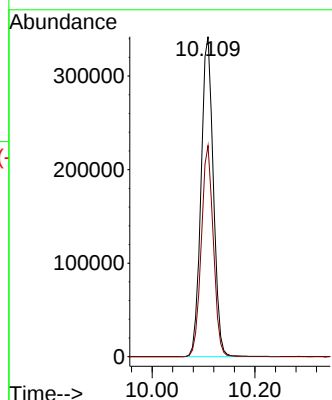
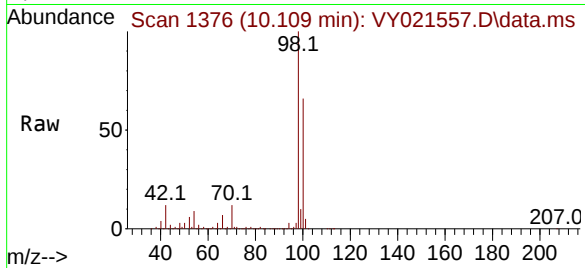




#50
Toluene-d8
Concen: 49.175 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021557.D
Acq: 18 Mar 2025 11:06

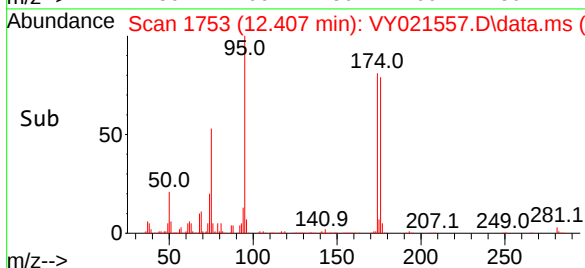
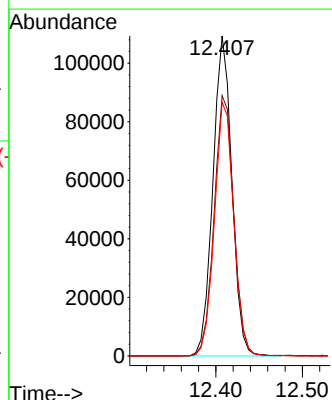
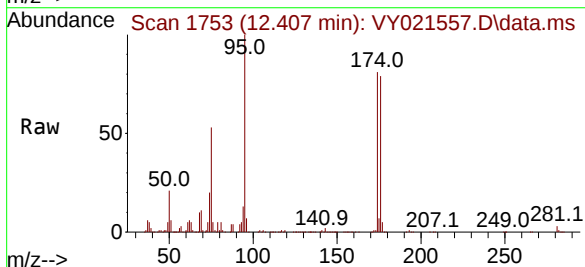
Instrument :
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ClientSampleId :
VY0318SBL01

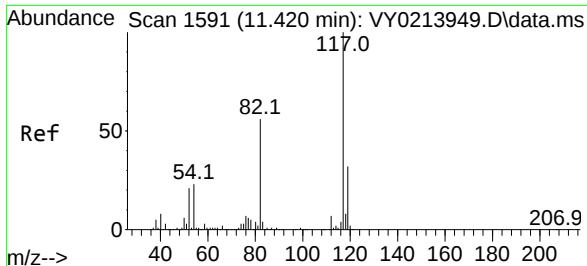
Tgt Ion: 98 Resp: 567845
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 42.262 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY021557.D
Acq: 18 Mar 2025 11:06

Tgt Ion: 95 Resp: 166006
Ion Ratio Lower Upper
95 100
174 84.3 0.0 165.0
176 80.5 0.0 160.0

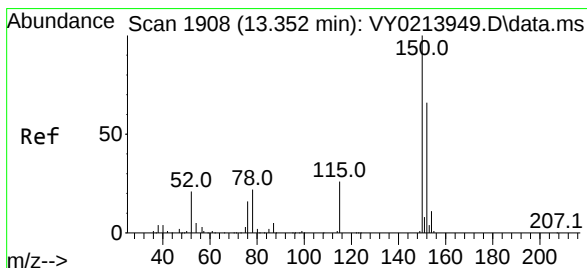
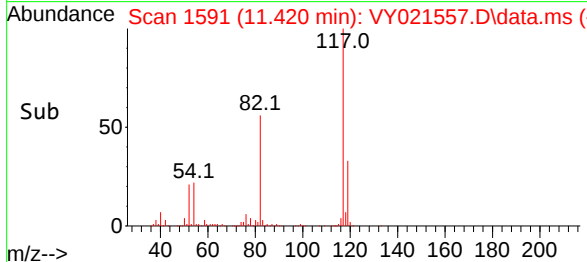
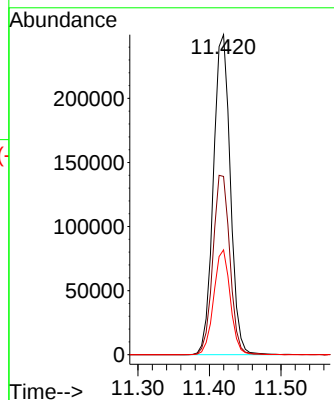
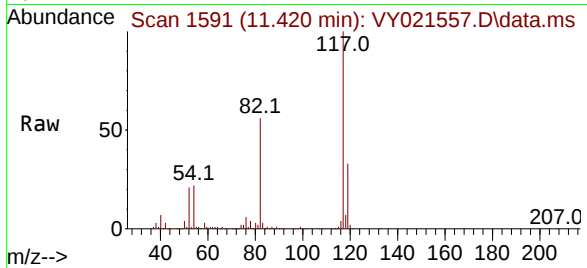




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021557.D
Acq: 18 Mar 2025 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBL01

Tgt Ion:117 Resp: 410354
Ion Ratio Lower Upper
117 100
82 55.7 44.6 67.0
119 32.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY021557.D
Acq: 18 Mar 2025 11:06

Tgt Ion:152 Resp: 156201
Ion Ratio Lower Upper
152 100
115 58.4 29.0 87.0
150 156.3 0.0 347.2

