

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
 Data File : VY021427.D
 Acq On : 06 Mar 2025 11:59
 Operator : SY/MD
 Sample : VY0306SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0306SBL01

Quant Time: Mar 07 00:38:51 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	249443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	460921	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	405928	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	156000	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	154096	58.448	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.900%
35) Dibromofluoromethane	7.634	113	154971	51.151	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.300%
50) Toluene-d8	10.109	98	558007	48.643	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.280%
62) 4-Bromofluorobenzene	12.408	95	170007	43.568	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.140%

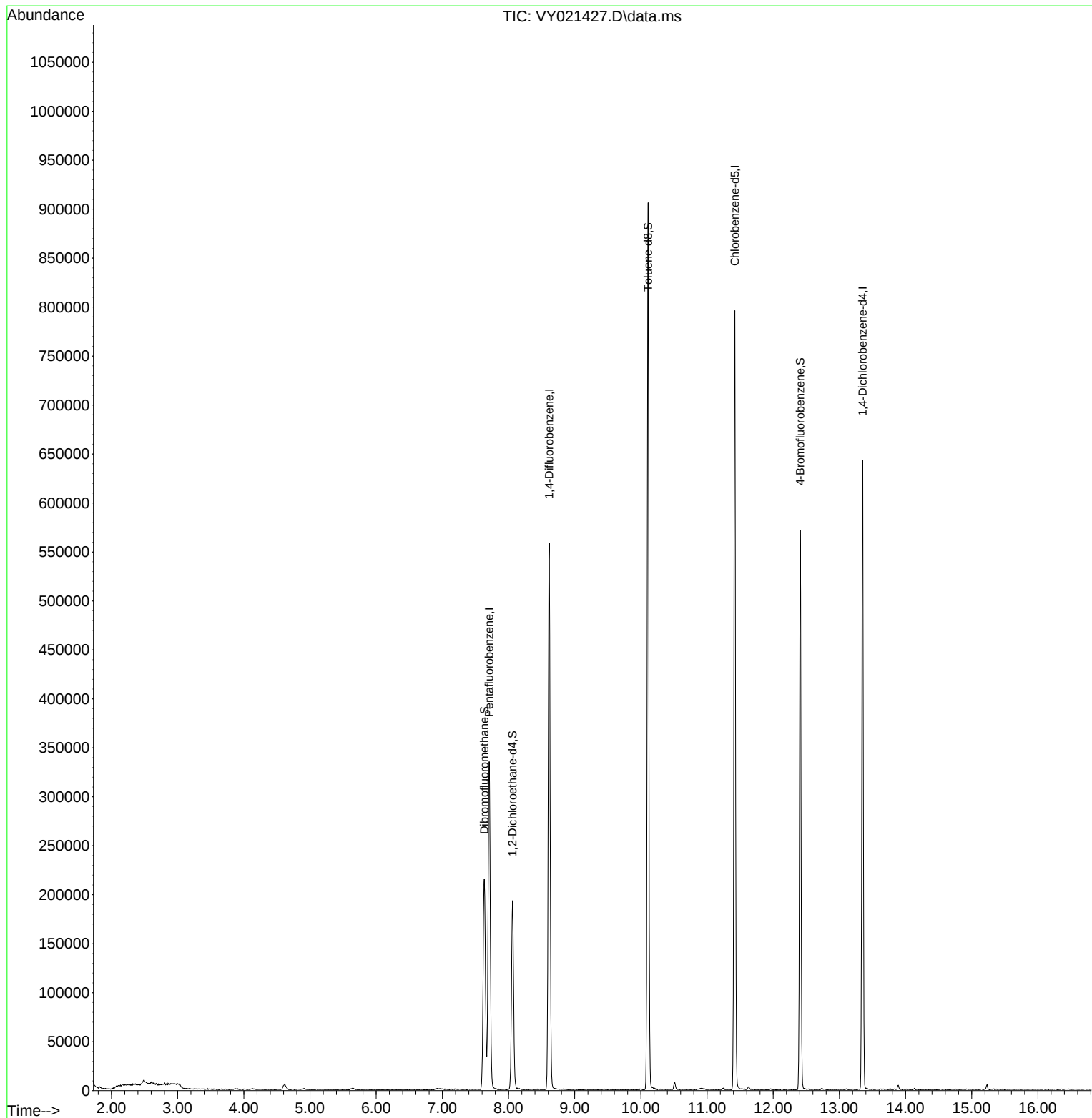
Target Compounds	Qvalue

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

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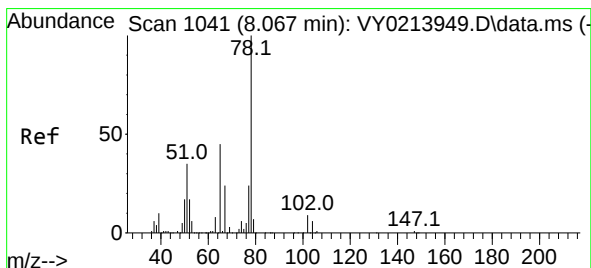
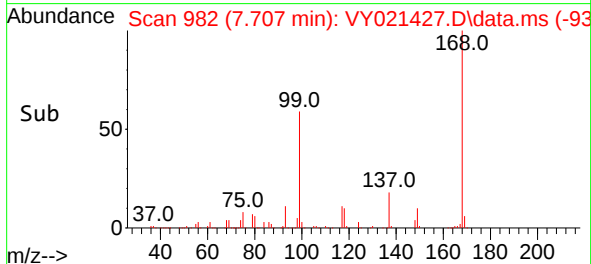
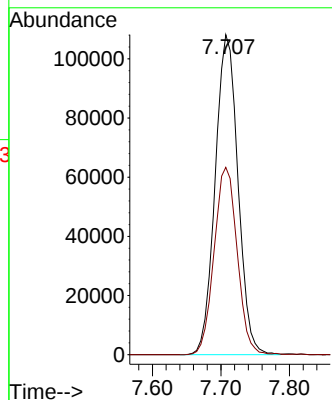
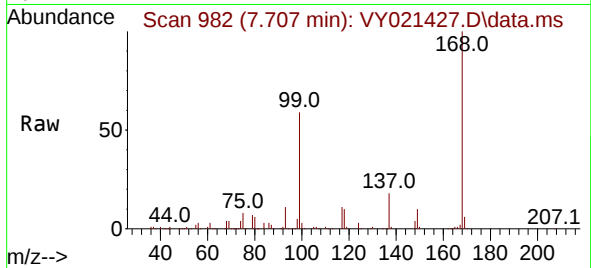




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021427.D
Acq: 06 Mar 2025 11:59

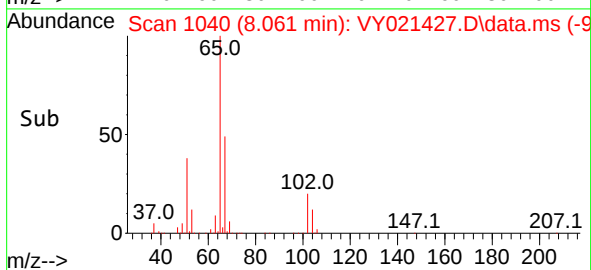
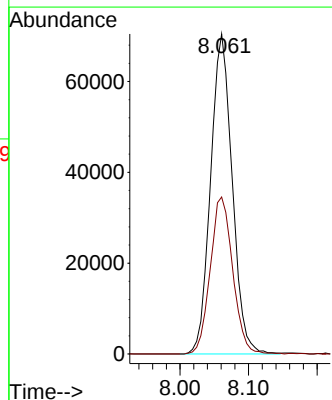
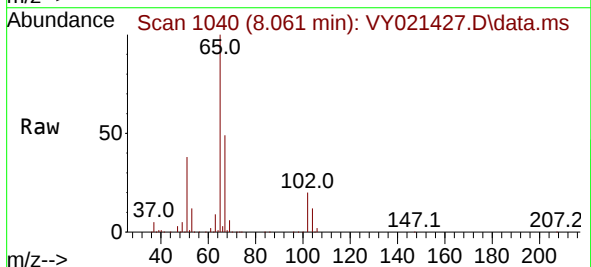
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBL01

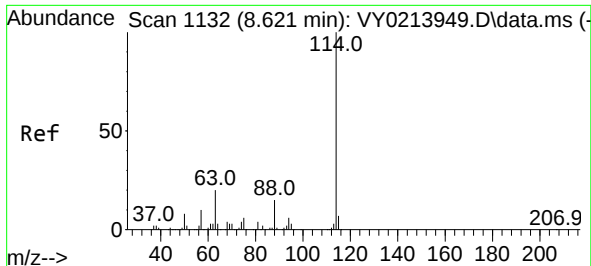
Tgt Ion:168 Resp: 249443
Ion Ratio Lower Upper
168 100
99 58.6 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 58.448 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021427.D
Acq: 06 Mar 2025 11:59

Tgt Ion: 65 Resp: 154096
Ion Ratio Lower Upper
65 100
67 51.0 0.0 102.8

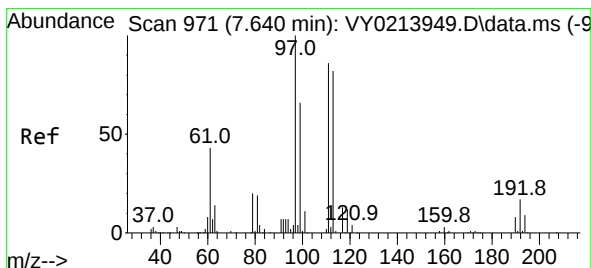
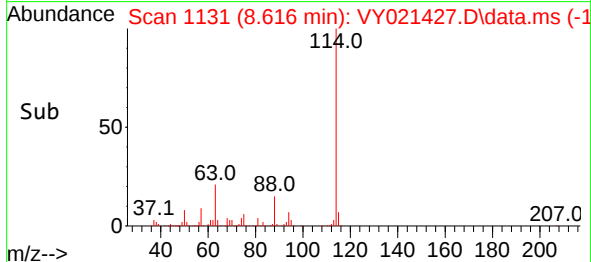
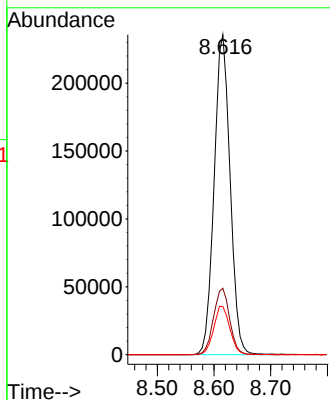
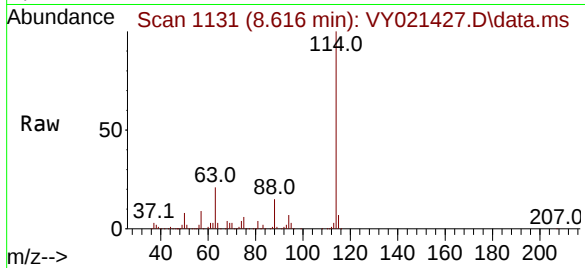




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021427.D
Acq: 06 Mar 2025 11:59

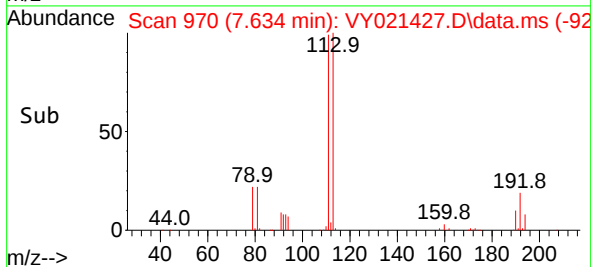
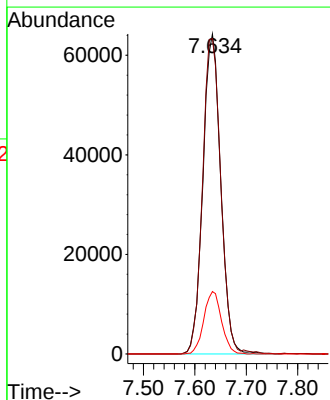
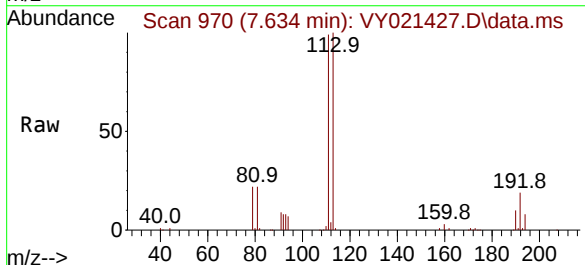
Instrument :
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ClientSampleId :
VY0306SBL01

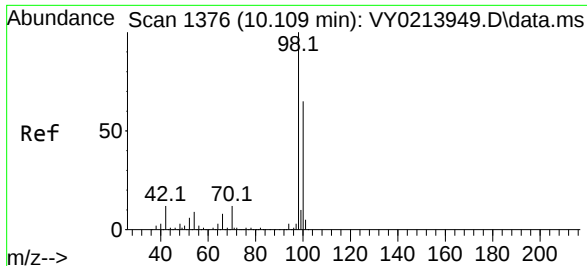
Tgt Ion:114 Resp: 460921
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 15.1 0.0 30.8



#35
Dibromofluoromethane
Concen: 51.151 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021427.D
Acq: 06 Mar 2025 11:59

Tgt Ion:113 Resp: 154971
Ion Ratio Lower Upper
113 100
111 100.9 82.0 123.0
192 19.3 15.9 23.9

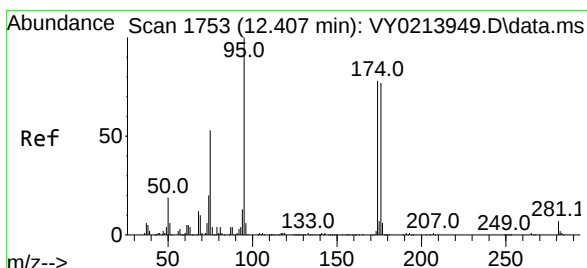
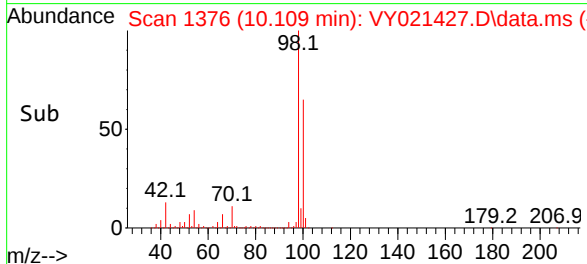
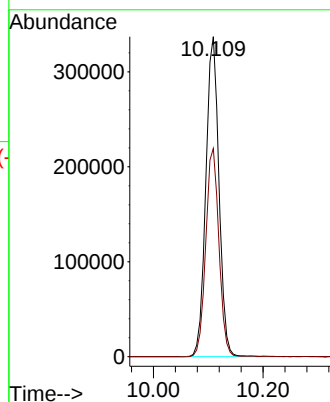
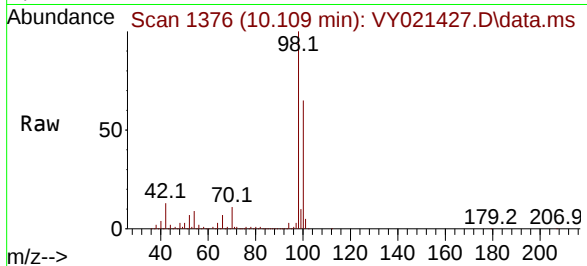




#50
Toluene-d8
Concen: 48.643 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021427.D
Acq: 06 Mar 2025 11:59

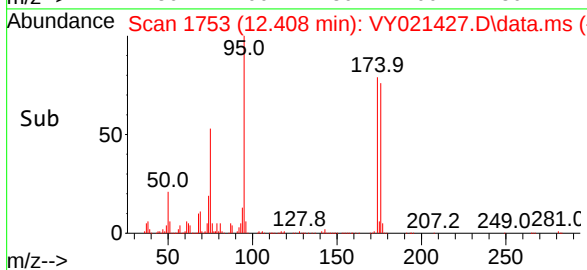
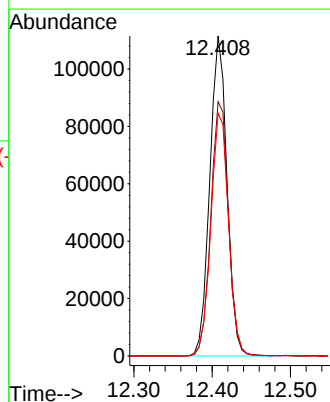
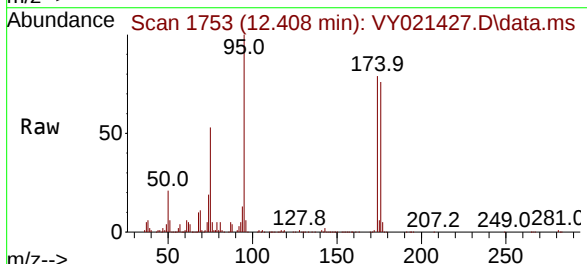
Instrument :
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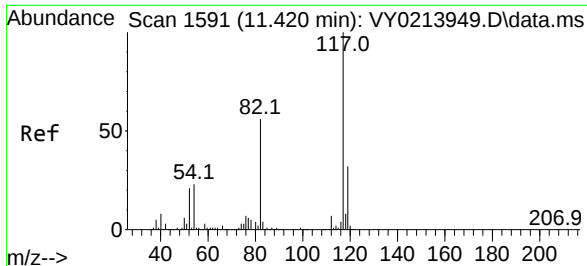
Tgt Ion: 98 Resp: 558007
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 43.568 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021427.D
Acq: 06 Mar 2025 11:59

Tgt Ion: 95 Resp: 170007
Ion Ratio Lower Upper
95 100
174 81.5 0.0 165.0
176 77.8 0.0 160.0

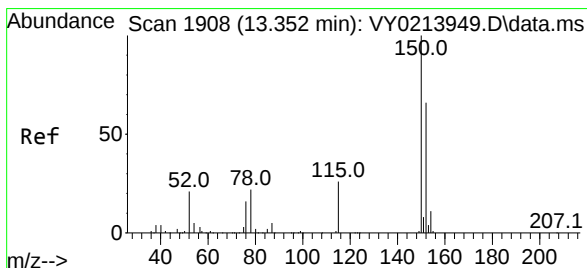
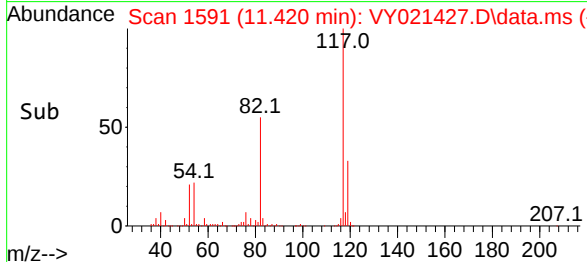
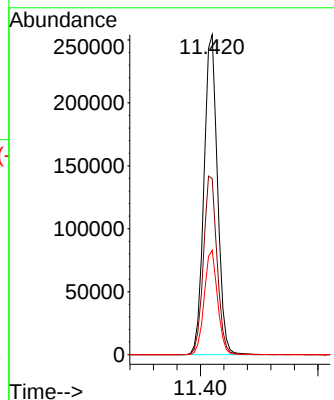
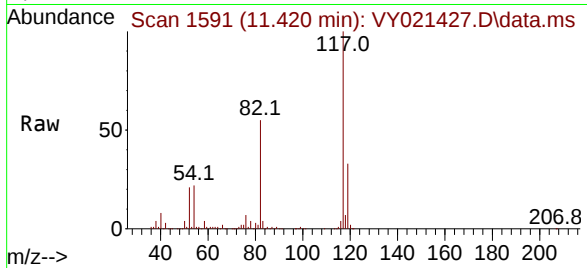




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021427.D
Acq: 06 Mar 2025 11:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBL01

Tgt Ion:117 Resp: 405928
Ion Ratio Lower Upper
117 100
82 55.0 44.6 67.0
119 32.6 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: VY021427.D
Acq: 06 Mar 2025 11:59

Tgt Ion:152 Resp: 156000
Ion Ratio Lower Upper
152 100
115 59.9 29.0 87.0
150 158.2 0.0 347.2

