

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031325\
 Data File : VY021517.D
 Acq On : 13 Mar 2025 11:27
 Operator : SY/MD
 Sample : VY0313SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0313SBL01

Quant Time: Mar 14 14:55:23 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	239160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	443031	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	398087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	156172	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	149753	59.243	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.480%
35) Dibromofluoromethane	7.634	113	150325	51.621	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.240%
50) Toluene-d8	10.109	98	540551	49.024	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.040%
62) 4-Bromofluorobenzene	12.408	95	164450	43.846	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.700%

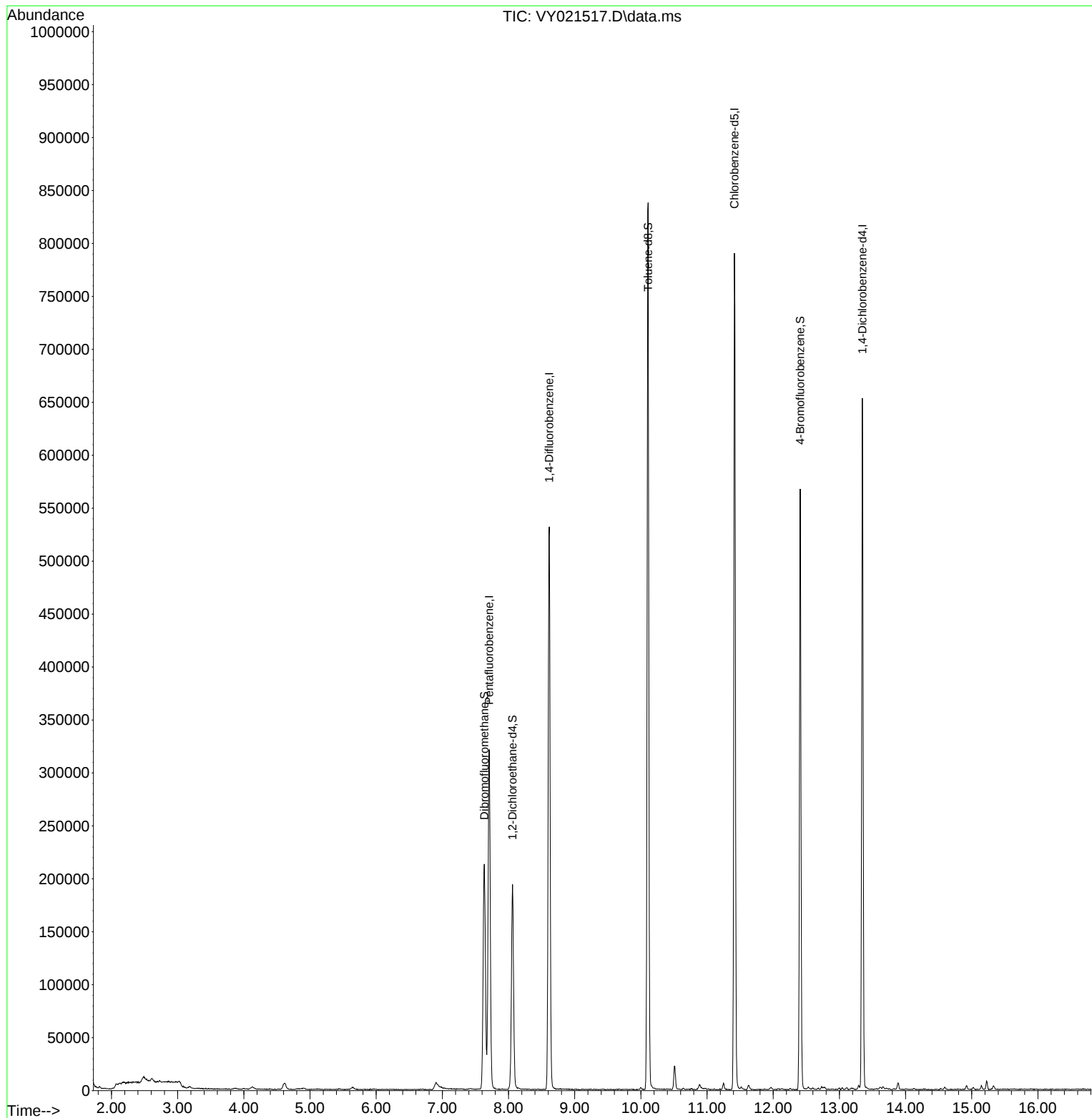
Target Compounds	Qvalue

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

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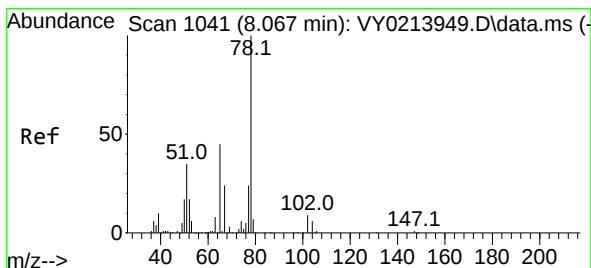
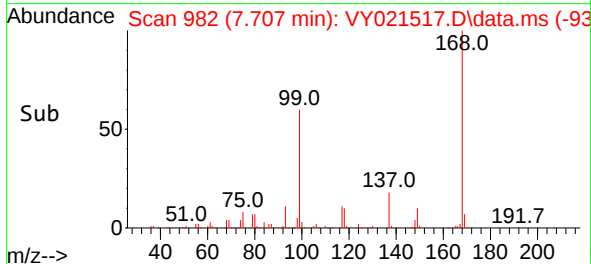
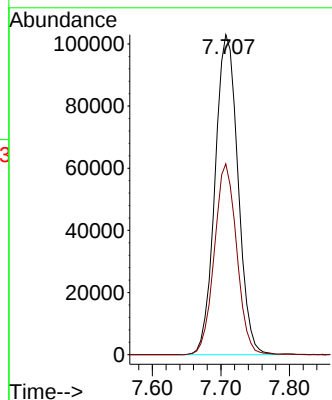
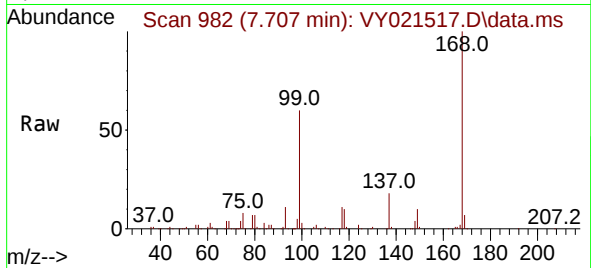




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 983
Delta R.T. -0.006 min
Lab File: VY021517.D
Acq: 13 Mar 2025 11:27

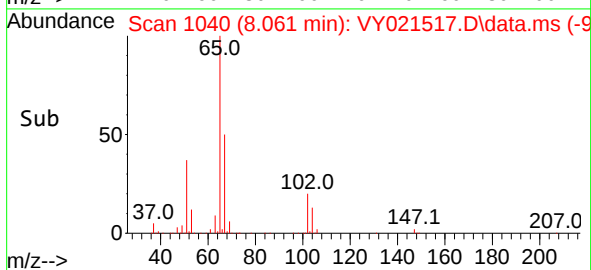
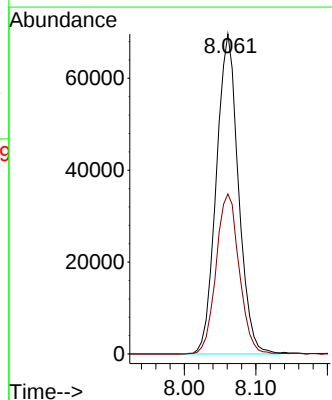
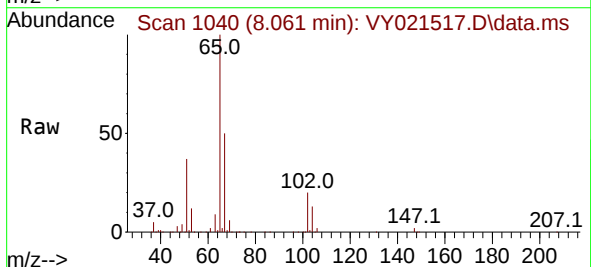
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBL01

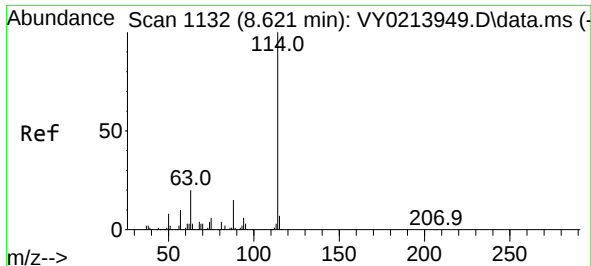
Tgt Ion:168 Resp: 239160
Ion Ratio Lower Upper
168 100
99 59.6 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 59.243 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021517.D
Acq: 13 Mar 2025 11:27

Tgt Ion: 65 Resp: 149753
Ion Ratio Lower Upper
65 100
67 52.0 0.0 102.8

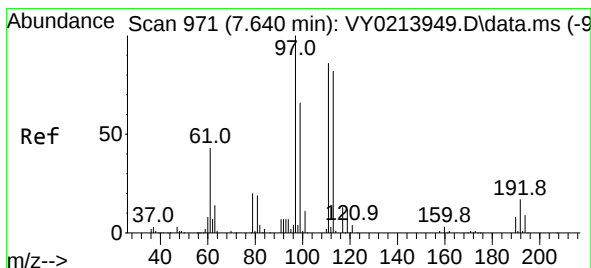
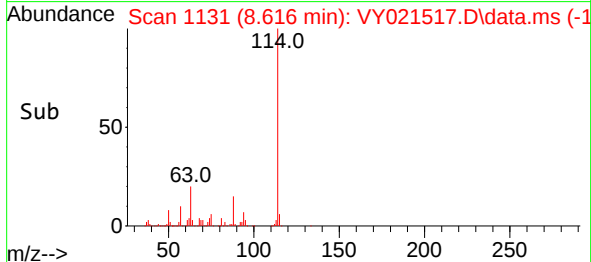
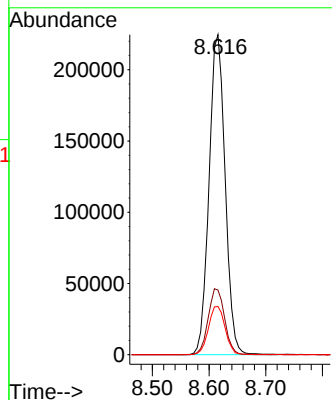
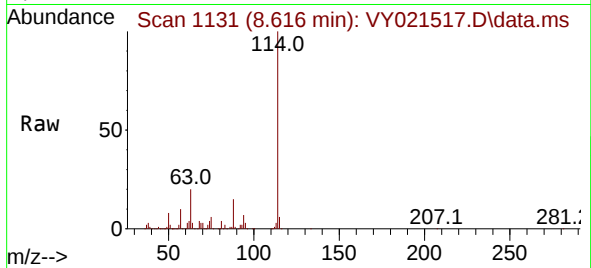




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021517.D
Acq: 13 Mar 2025 11:27

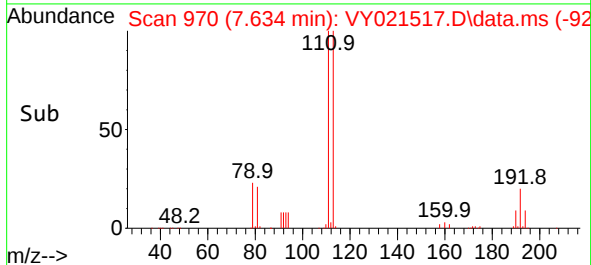
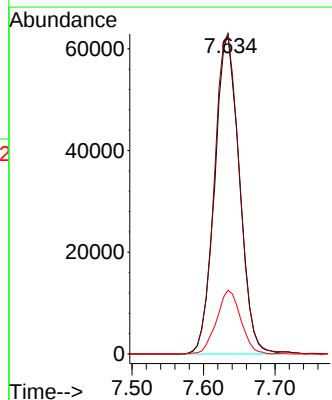
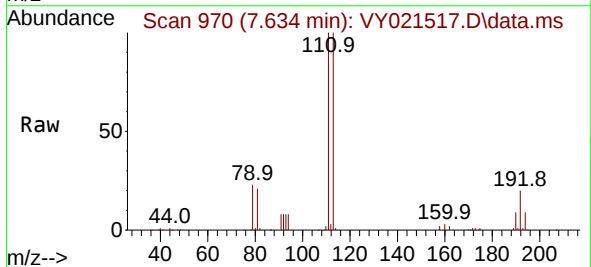
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBL01

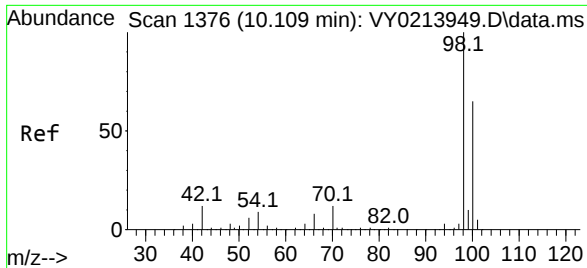
Tgt Ion:114	Resp: 443031
Ion Ratio	Lower Upper
114 100	
63 20.2	0.0 40.8
88 15.1	0.0 30.8



#35
Dibromofluoromethane
Concen: 51.621 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021517.D
Acq: 13 Mar 2025 11:27

Tgt Ion:113	Resp: 150325
Ion Ratio	Lower Upper
113 100	
111 102.1	82.0 123.0
192 19.5	15.9 23.9

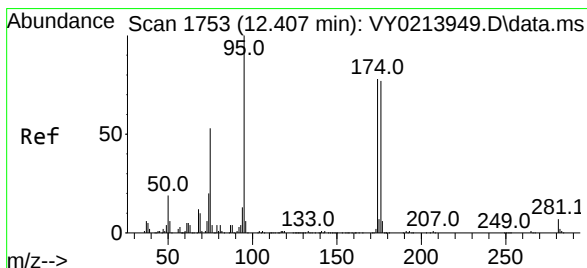
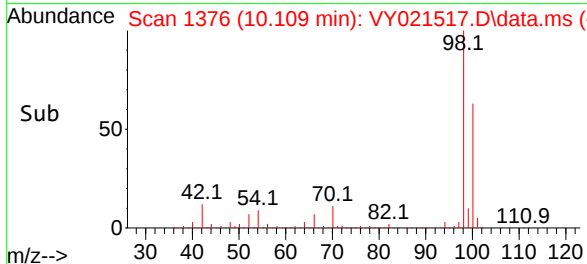
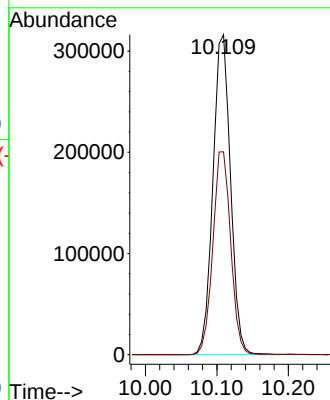
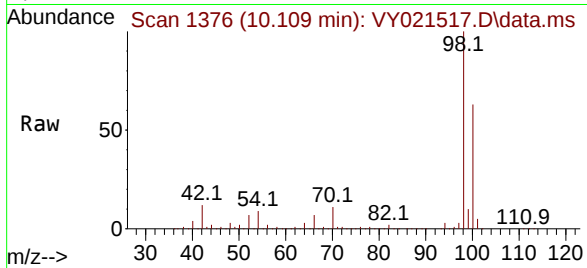




#50
Toluene-d8
Concen: 49.024 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021517.D
Acq: 13 Mar 2025 11:27

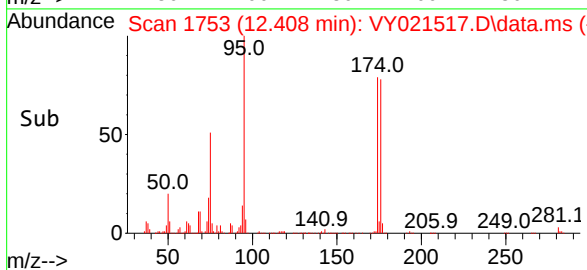
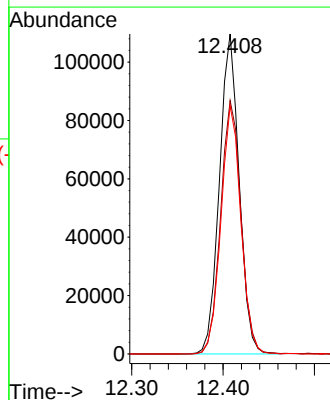
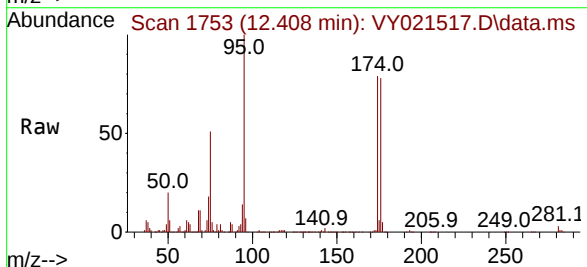
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBL01

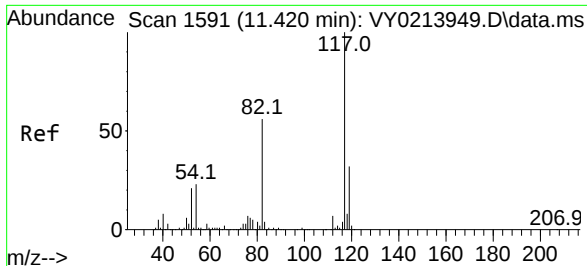
Tgt Ion: 98 Resp: 540551
Ion Ratio Lower Upper
98 100
100 64.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 43.846 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021517.D
Acq: 13 Mar 2025 11:27

Tgt Ion: 95 Resp: 164450
Ion Ratio Lower Upper
95 100
174 82.1 0.0 165.0
176 78.4 0.0 160.0

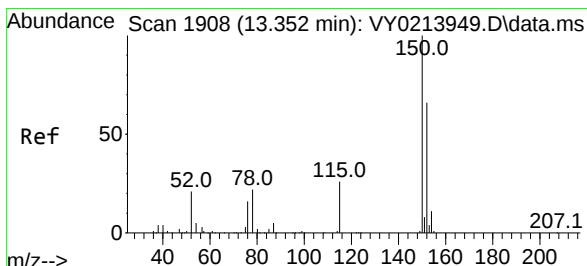
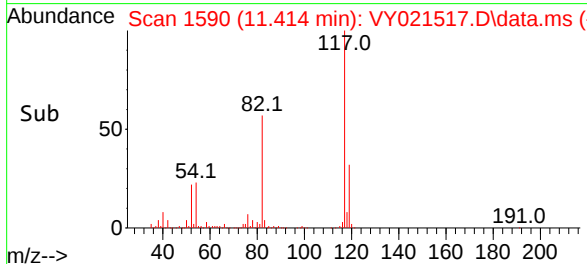
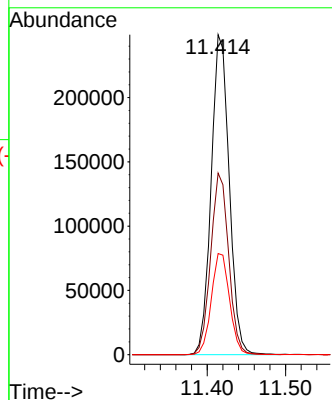
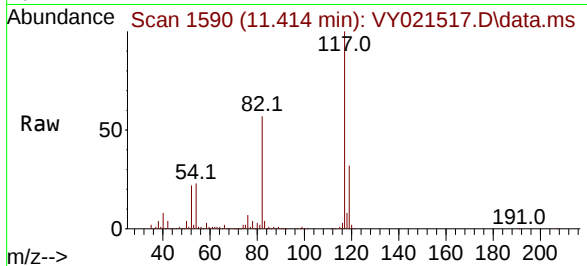




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021517.D
Acq: 13 Mar 2025 11:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBL01

Tgt Ion:117 Resp: 398087
Ion Ratio Lower Upper
117 100
82 56.8 44.6 67.0
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021517.D
Acq: 13 Mar 2025 11:27

Tgt Ion:152 Resp: 156172
Ion Ratio Lower Upper
152 100
115 59.1 29.0 87.0
150 155.0 0.0 347.2

