

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032425\
 Data File : VY021614.D
 Acq On : 24 Mar 2025 13:41
 Operator : SY/MD
 Sample : Q1619-11
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4

Quant Time: Mar 25 01:30:08 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	209663	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	390687	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	353972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	146126	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	128467	57.972	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.940%
35) Dibromofluoromethane	7.634	113	134487	52.369	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.740%
50) Toluene-d8	10.109	98	475937	48.947	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.900%
62) 4-Bromofluorobenzene	12.408	95	150863	45.612	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.220%

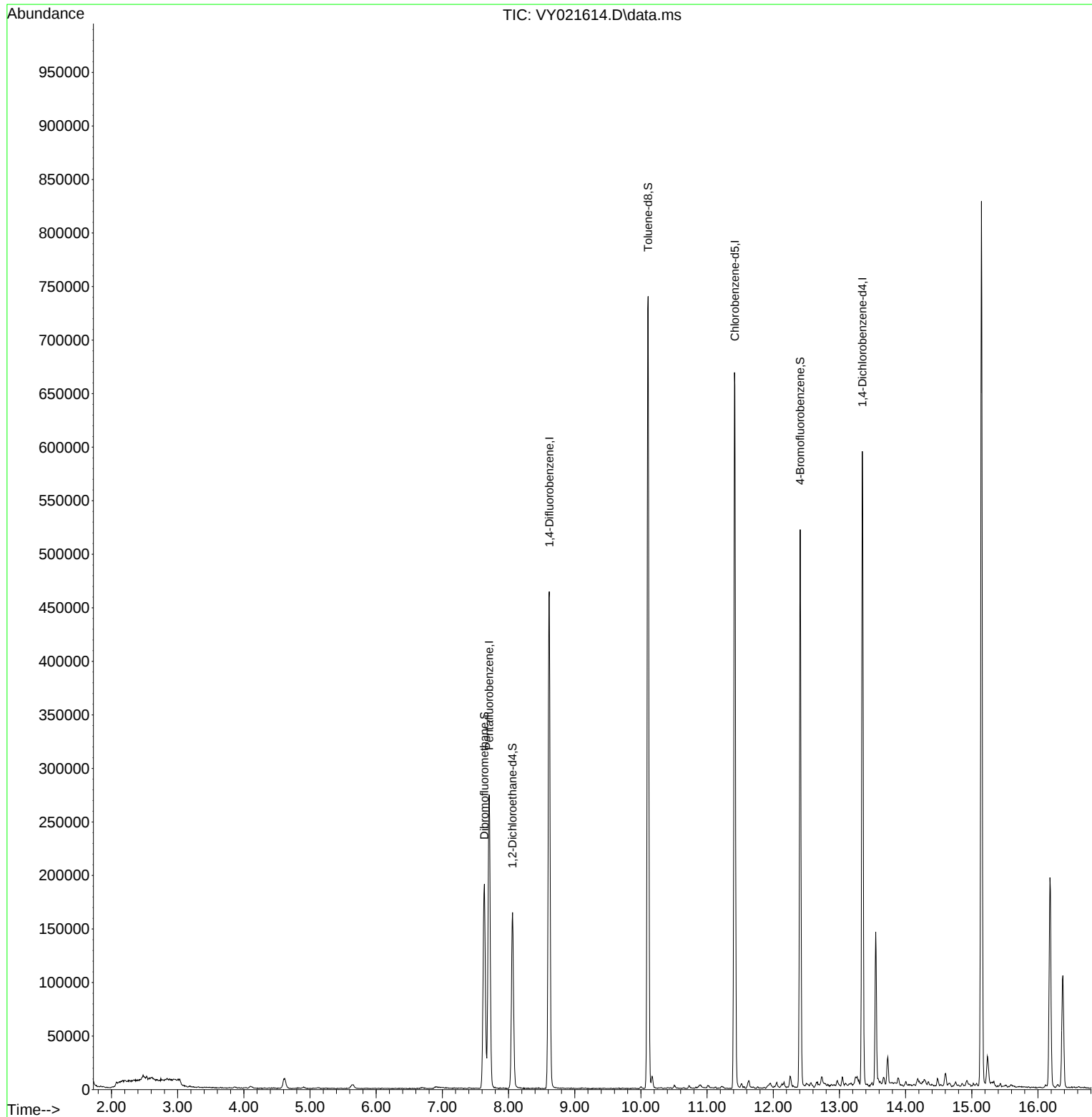
Target Compounds	Qvalue

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

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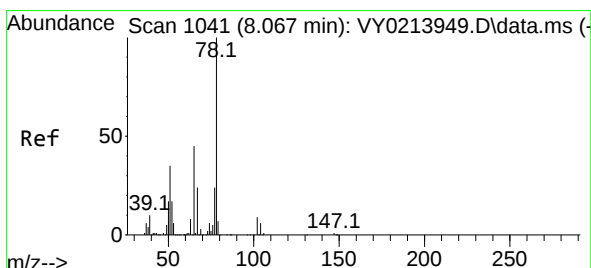
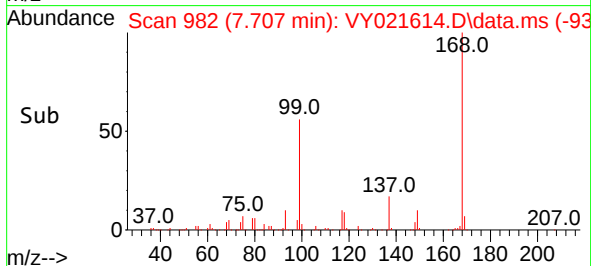
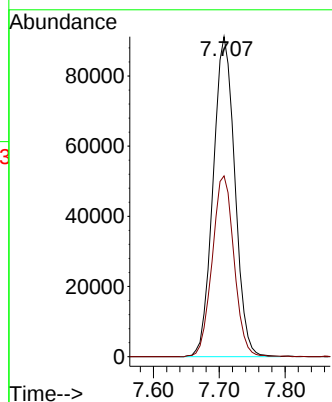
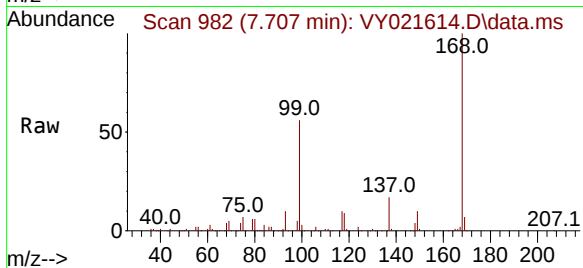




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021614.D
Acq: 24 Mar 2025 13:41

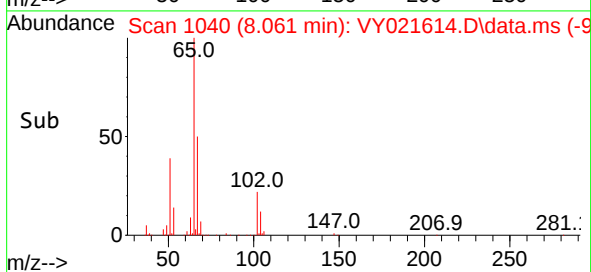
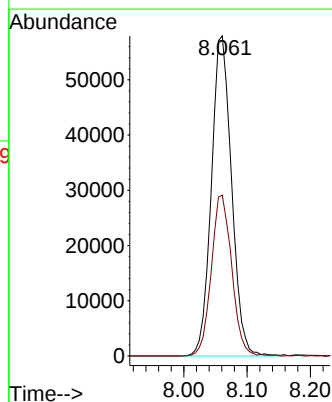
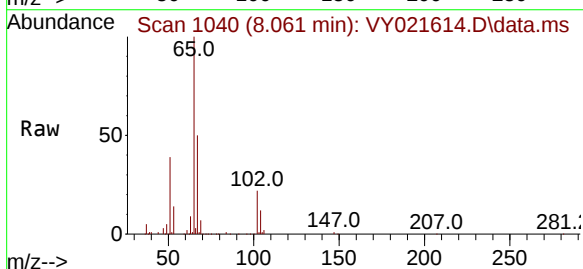
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

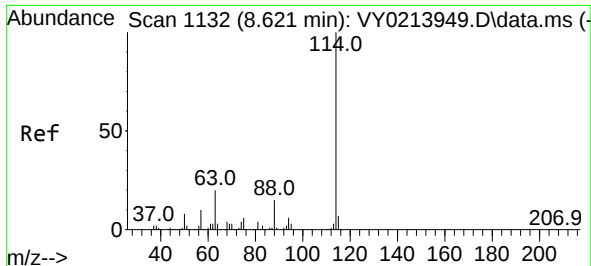
Tgt Ion:168 Resp: 209663
Ion Ratio Lower Upper
168 100
99 56.5 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 57.972 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021614.D
Acq: 24 Mar 2025 13:41

Tgt Ion: 65 Resp: 128467
Ion Ratio Lower Upper
65 100
67 50.8 0.0 102.8

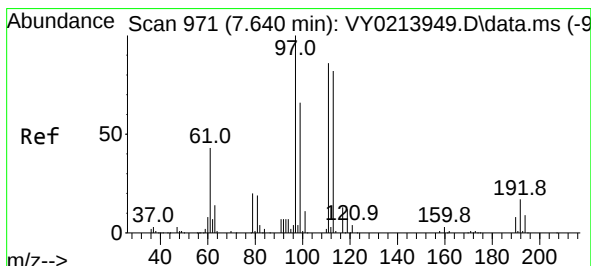
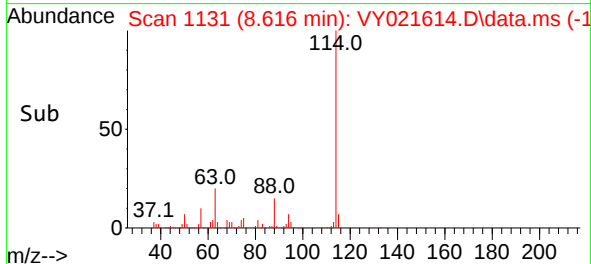
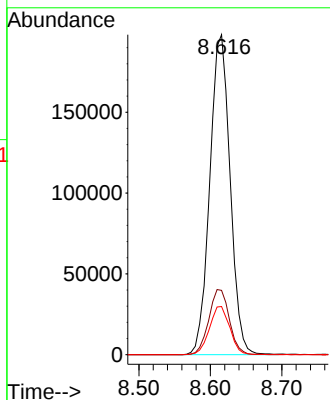
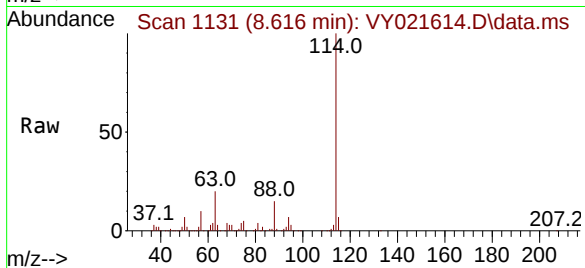




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021614.D
Acq: 24 Mar 2025 13:41

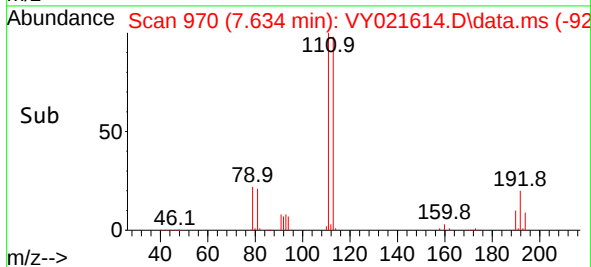
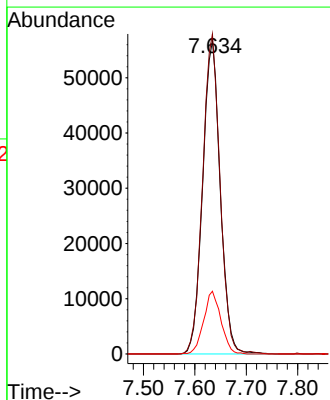
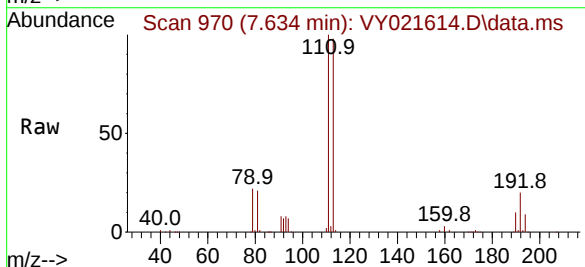
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

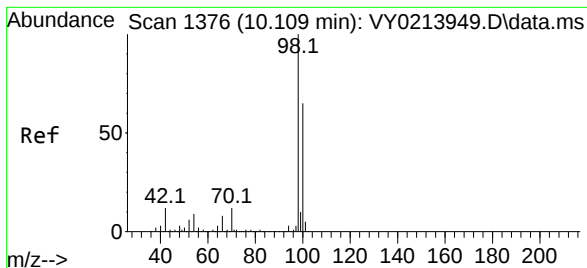
Tgt Ion:114 Resp: 390687
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.8
88 15.0 0.0 30.8



#35
Dibromofluoromethane
Concen: 52.369 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021614.D
Acq: 24 Mar 2025 13:41

Tgt Ion:113 Resp: 134487
Ion Ratio Lower Upper
113 100
111 100.8 82.0 123.0
192 19.7 15.9 23.9

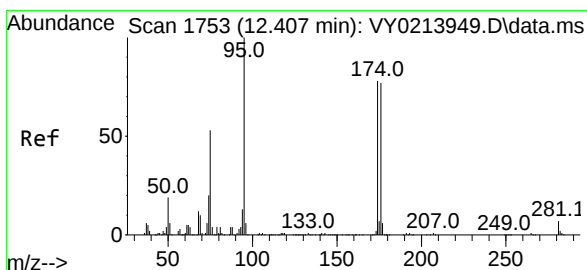
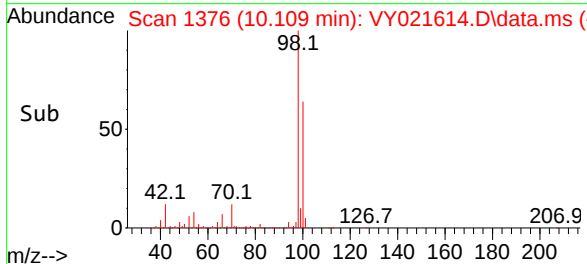
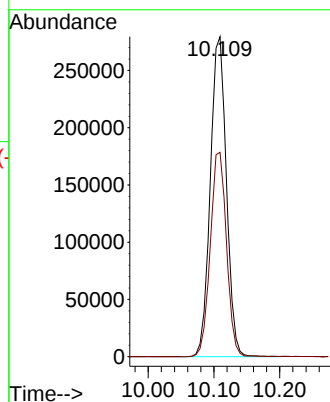
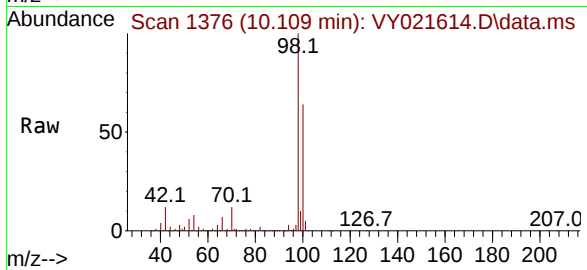




#50
Toluene-d8
Concen: 48.947 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021614.D
Acq: 24 Mar 2025 13:41

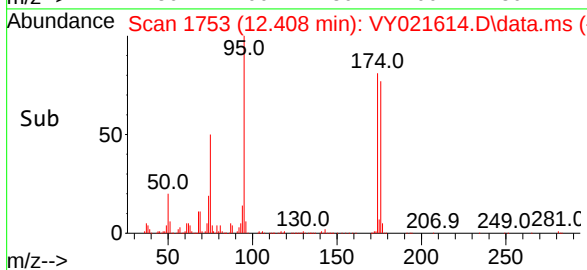
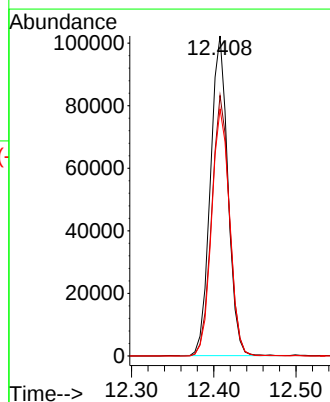
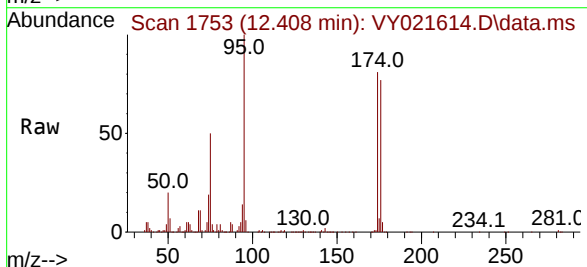
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

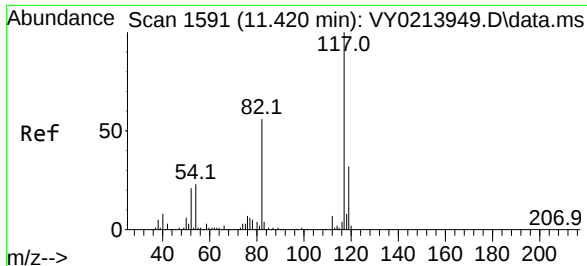
Tgt Ion: 98 Resp: 475937
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.612 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021614.D
Acq: 24 Mar 2025 13:41

Tgt Ion: 95 Resp: 150863
Ion Ratio Lower Upper
95 100
174 82.8 0.0 165.0
176 79.9 0.0 160.0

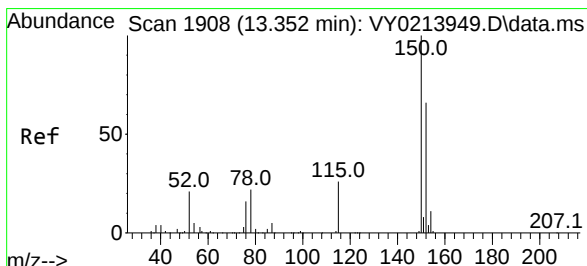
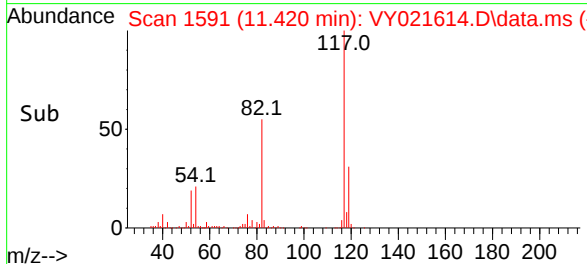
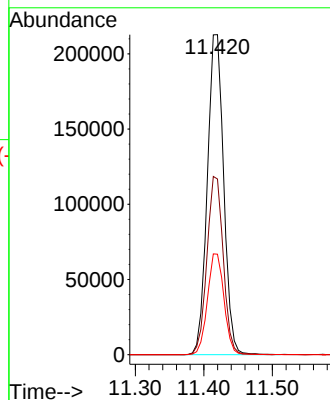
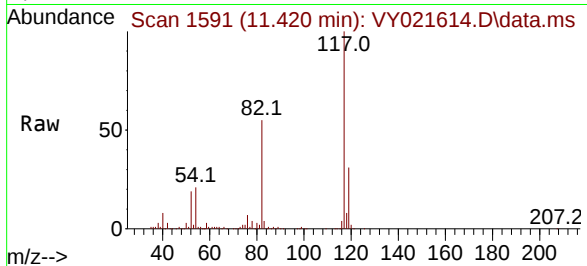




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021614.D
Acq: 24 Mar 2025 13:41

Instrument :
MSVOA_Y
ClientSampleId :
TP-4

Tgt Ion:117 Resp: 353972
Ion Ratio Lower Upper
117 100
82 54.9 44.6 67.0
119 31.4 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: VY021614.D
Acq: 24 Mar 2025 13:41

Tgt Ion:152 Resp: 146126
Ion Ratio Lower Upper
152 100
115 57.4 29.0 87.0
150 157.2 0.0 347.2

