

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031125\
 Data File : VY021475.D
 Acq On : 11 Mar 2025 10:12
 Operator : SY/MD
 Sample : VY0311SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0311SBL01

Quant Time: Mar 12 01:23:02 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	266206	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	468026	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	406786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	157191	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	150026	53.321	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.640%
35) Dibromofluoromethane	7.634	113	155103	50.417	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.840%
50) Toluene-d8	10.109	98	564540	48.466	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.940%
62) 4-Bromofluorobenzene	12.408	95	168454	42.515	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.020%

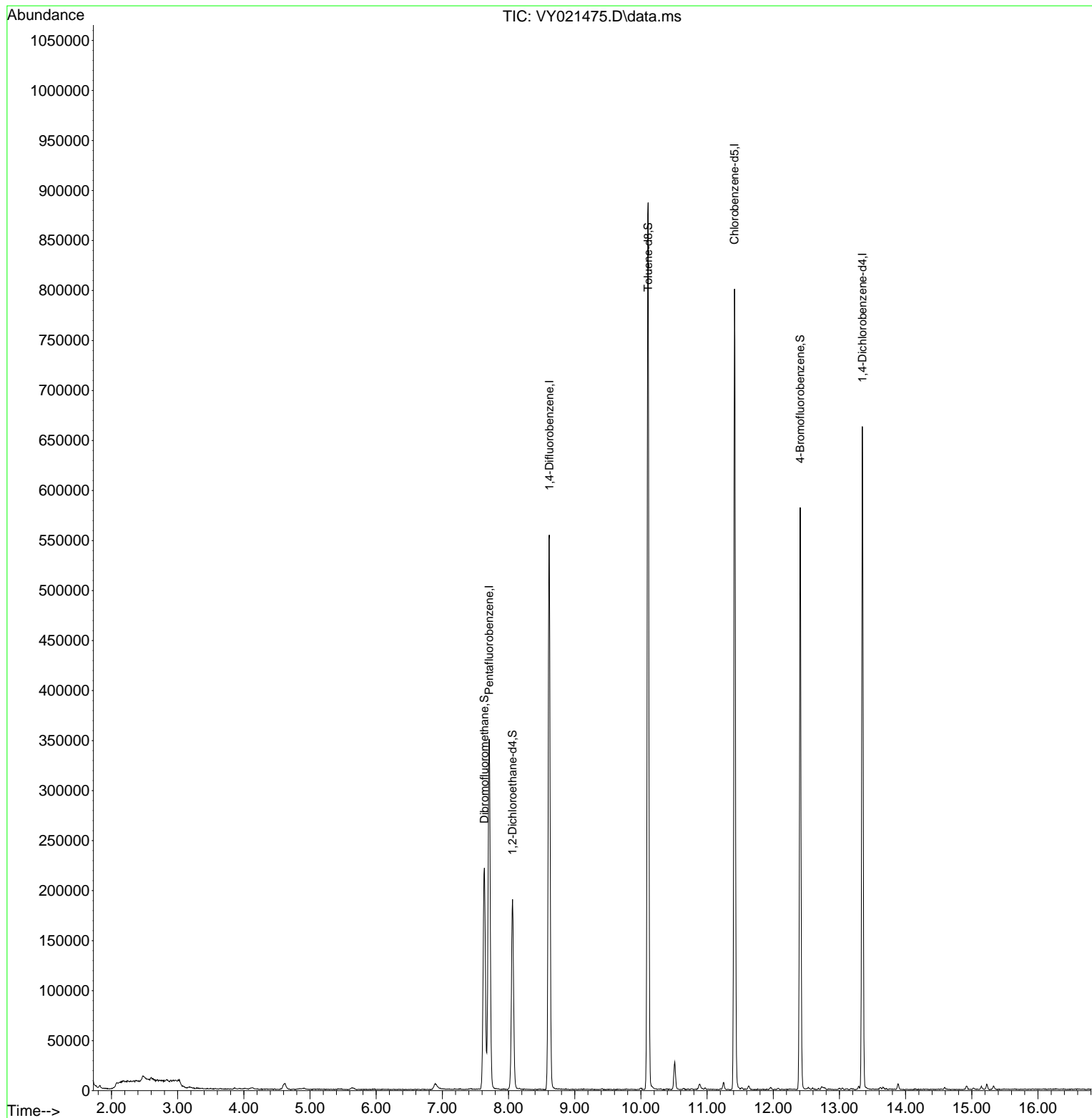
Target Compounds Qvalue

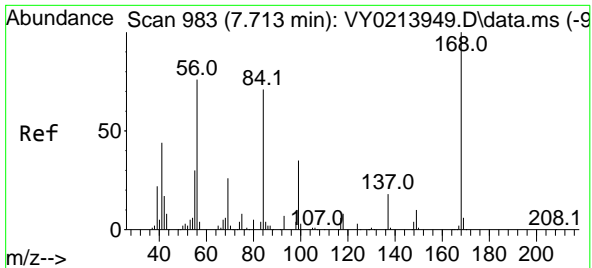
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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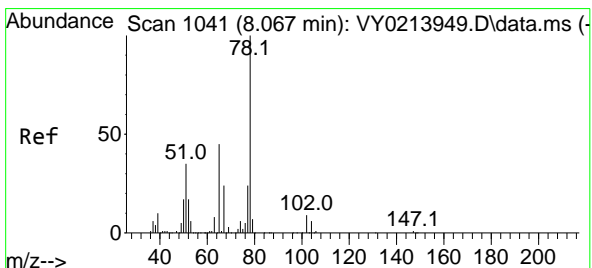
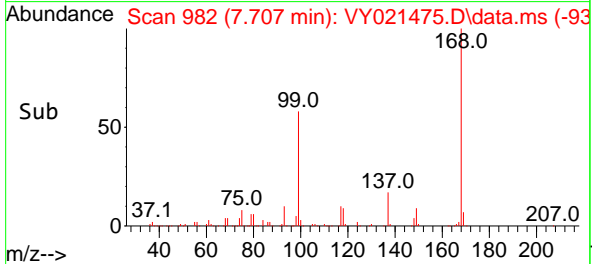
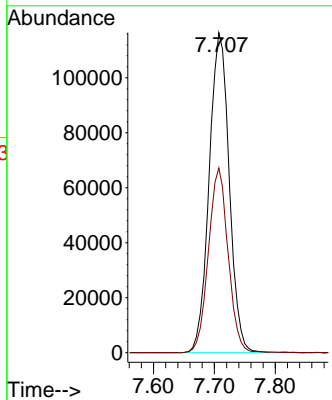
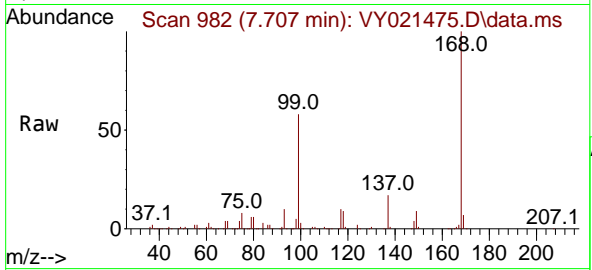




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.707 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VY021475.D
 Acq: 11 Mar 2025 10:12

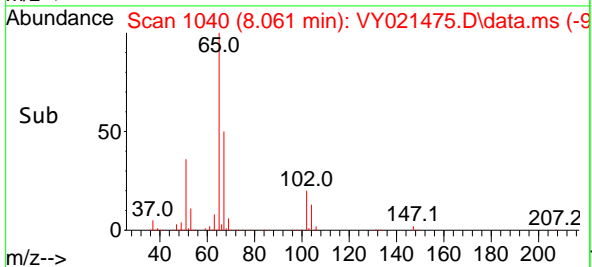
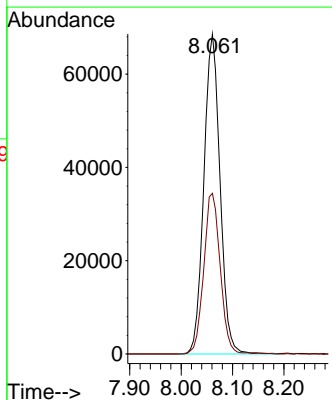
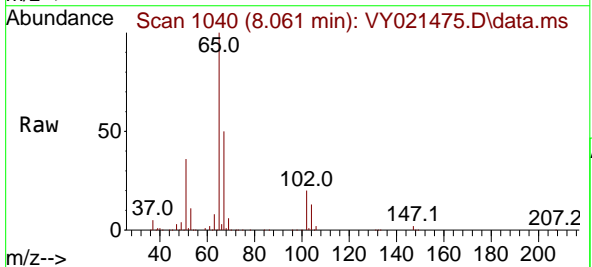
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0311SBL01

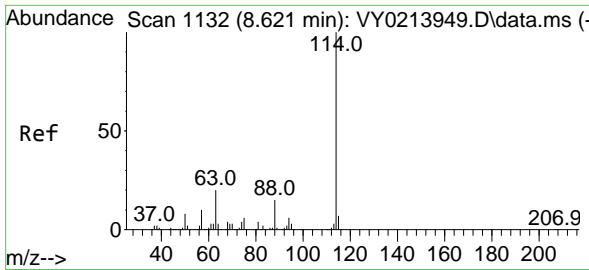
Tgt Ion:168 Resp: 266206
 Ion Ratio Lower Upper
 168 100
 99 57.7 46.0 69.0



#33
 1,2-Dichloroethane-d4
 Concen: 53.321 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. -0.006 min
 Lab File: VY021475.D
 Acq: 11 Mar 2025 10:12

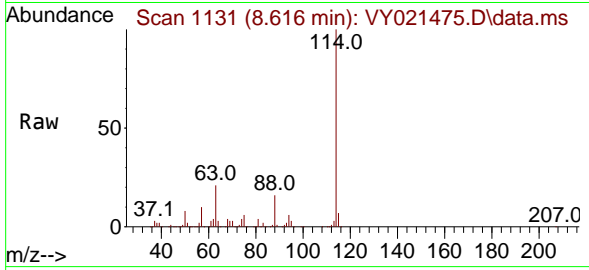
Tgt Ion: 65 Resp: 150026
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.8



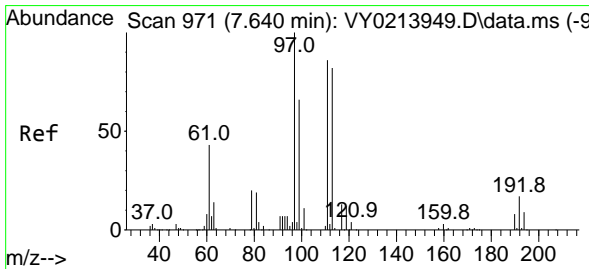
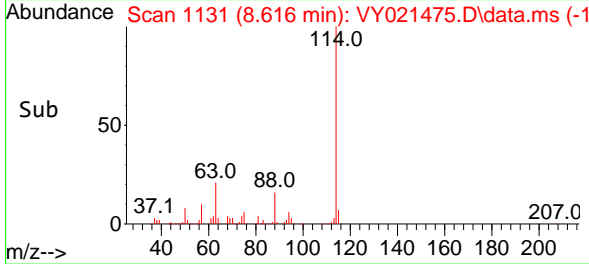
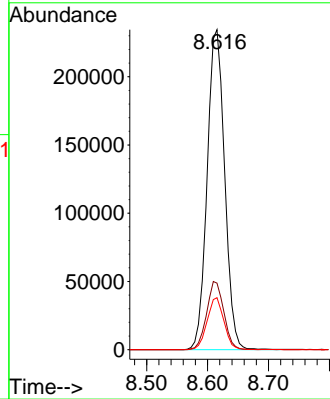


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1132
 Delta R.T. -0.006 min
 Lab File: VY021475.D
 Acq: 11 Mar 2025 10:12

Instrument : MSVOA_Y
 ClientSampleId : VY0311SBL01

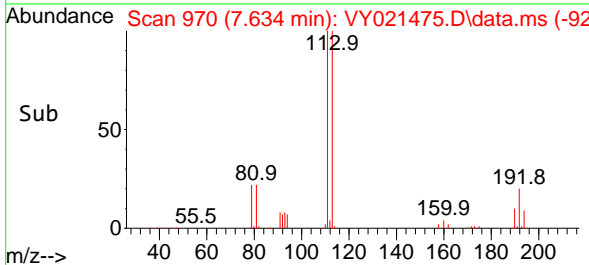
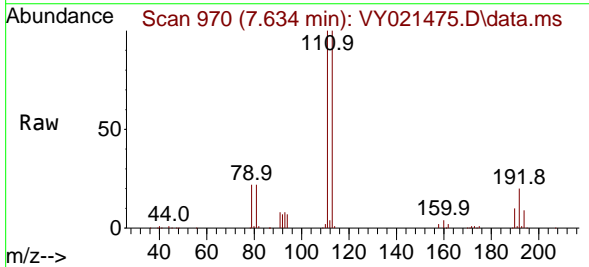
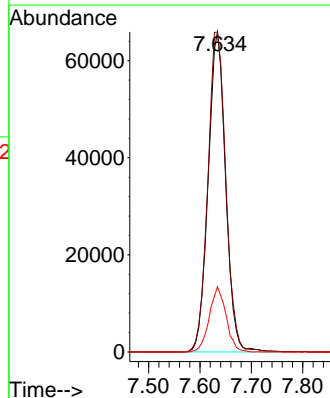


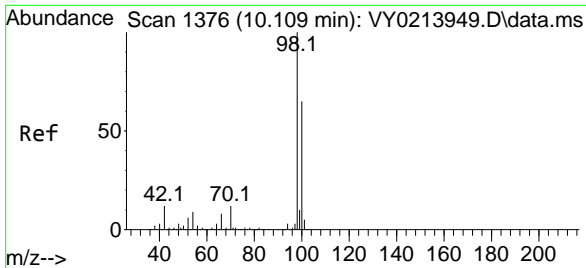
Tgt Ion:114 Resp: 468026
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 40.8
 88 16.3 0.0 30.8



#35
 Dibromofluoromethane
 Concen: 50.417 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. -0.006 min
 Lab File: VY021475.D
 Acq: 11 Mar 2025 10:12

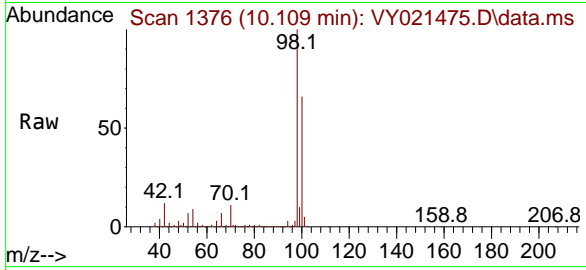
Tgt Ion:113 Resp: 155103
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.0 123.0
 192 19.6 15.9 23.9



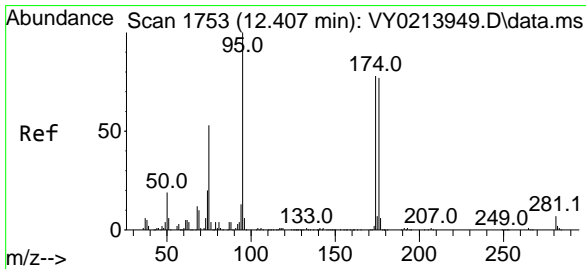
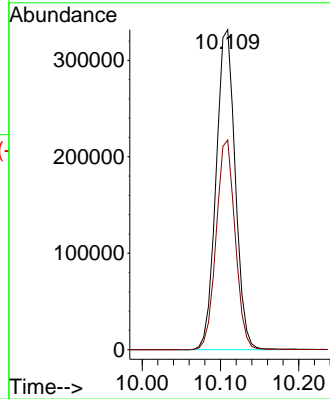
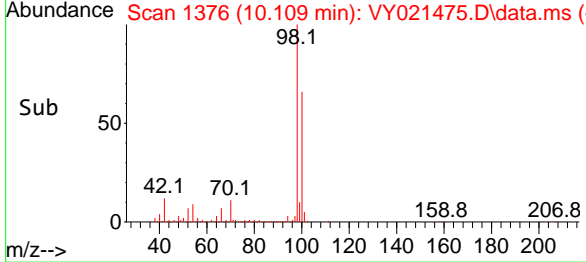


#50
 Toluene-d8
 Concen: 48.466 ug/l
 RT: 10.109 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY021475.D
 Acq: 11 Mar 2025 10:12

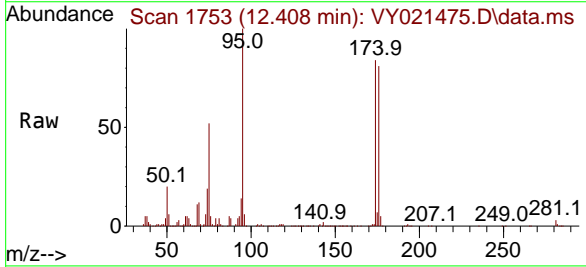
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 MSVOA_Y
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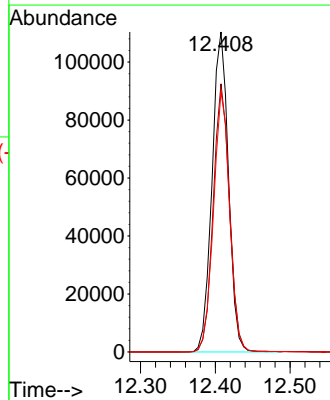
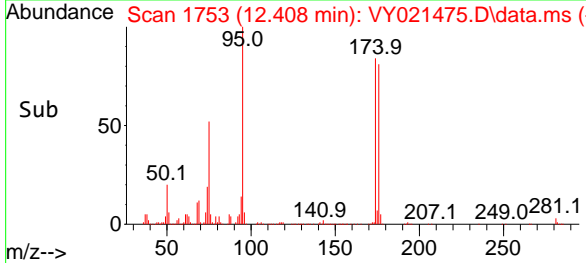
Tgt Ion: 98 Resp: 564540
 Ion Ratio Lower Upper
 98 100
 100 65.0 52.1 78.1

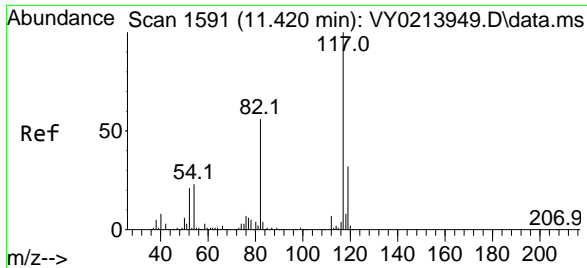


#62
 4-Bromofluorobenzene
 Concen: 42.515 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. 0.000 min
 Lab File: VY021475.D
 Acq: 11 Mar 2025 10:12



Tgt Ion: 95 Resp: 168454
 Ion Ratio Lower Upper
 95 100
 174 83.1 0.0 165.0
 176 80.3 0.0 160.0

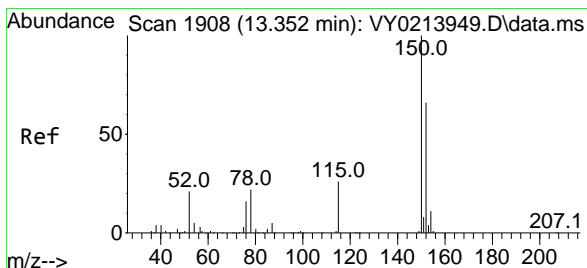
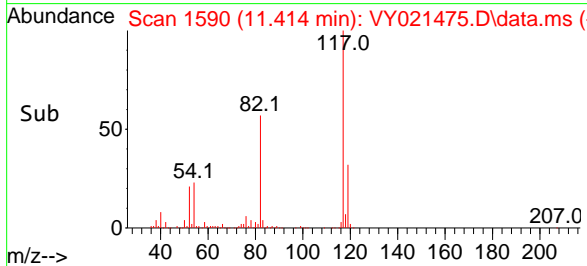
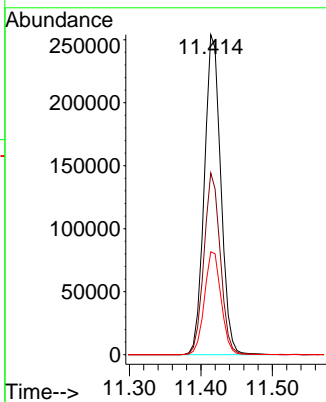
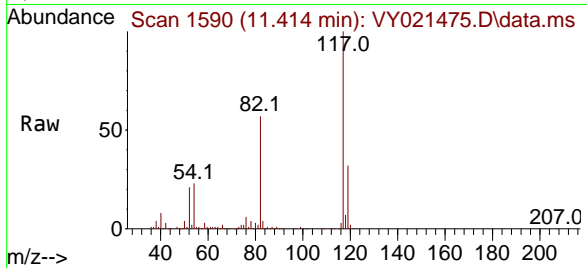




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.414 min Scan# 1111
 Delta R.T. -0.006 min
 Lab File: VY021475.D
 Acq: 11 Mar 2025 10:12

Instrument : MSVOA_Y
 ClientSampleId : VY0311SBL01

Tgt Ion	Resp	Lower	Upper
117	406786		
82	56.8	44.6	67.0
119	32.1	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: VY021475.D
 Acq: 11 Mar 2025 10:12

Tgt Ion	Resp	Lower	Upper
152	157191		
115	59.1	29.0	87.0
150	158.4	0.0	347.2

