

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
 Data File : VY022096.D
 Acq On : 01 May 2025 10:11
 Operator : SY/MD
 Sample : VY0501SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
ClientSampleId :
 VY0501SBL01

Quant Time: May 01 12:53:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	317996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	585580	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	508953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	180066	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	144517	49.201	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.400%
35) Dibromofluoromethane	7.634	113	195715	50.590	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.180%
50) Toluene-d8	10.109	98	696910	47.783	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.560%
62) 4-Bromofluorobenzene	12.407	95	260745	53.107	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.220%

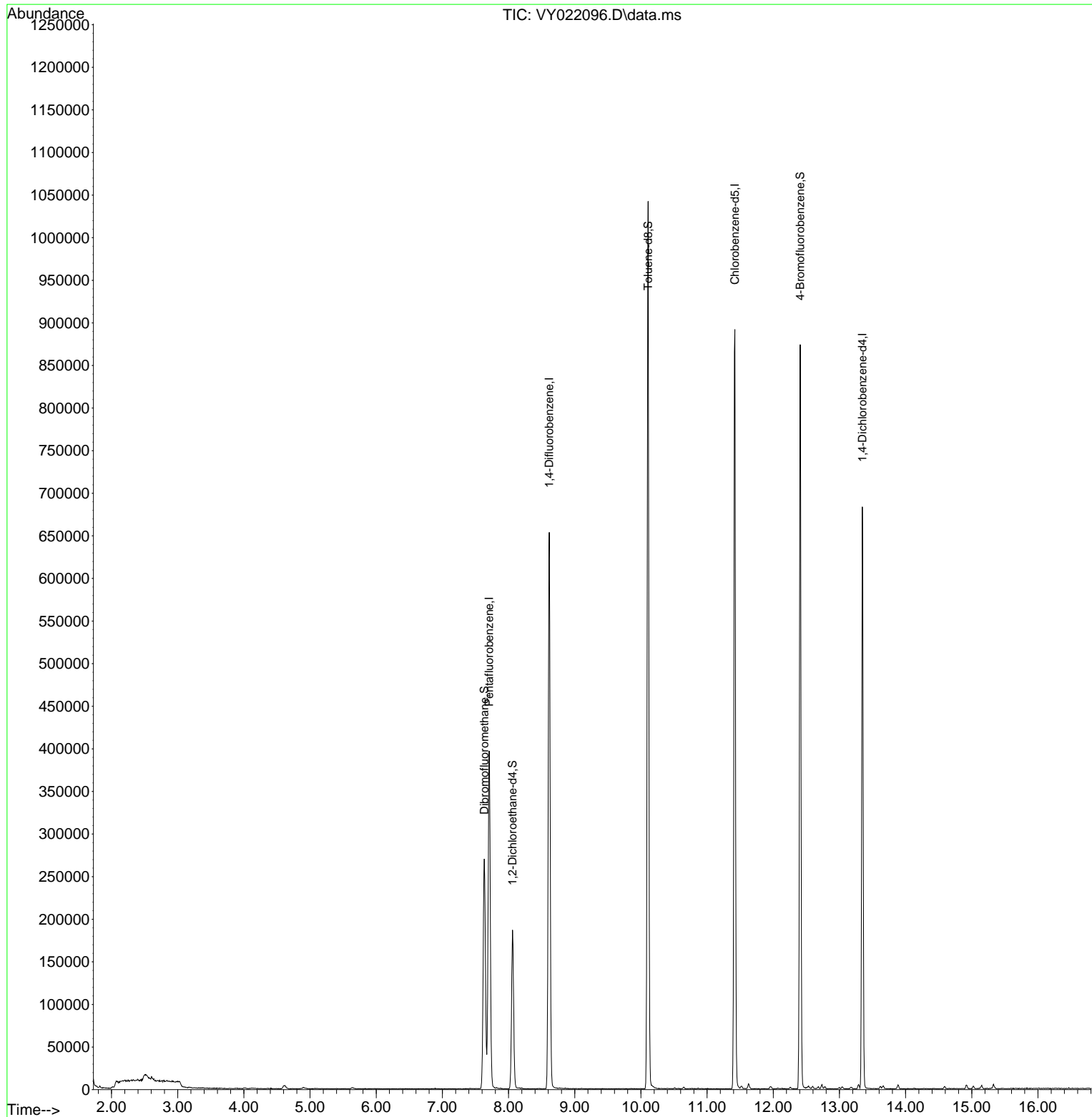
Target Compounds Qvalue

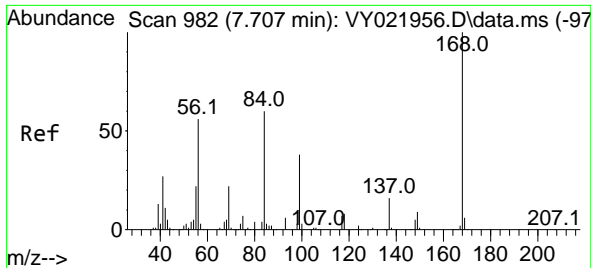
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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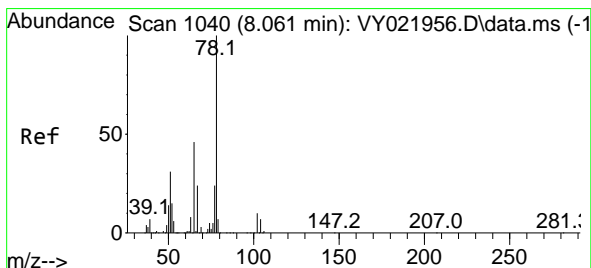
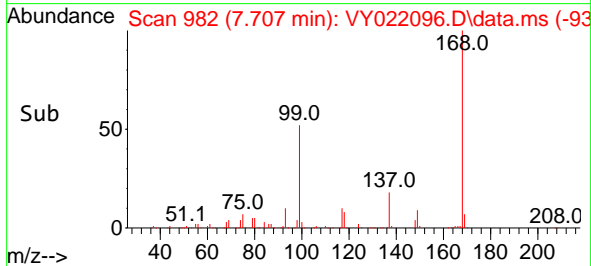
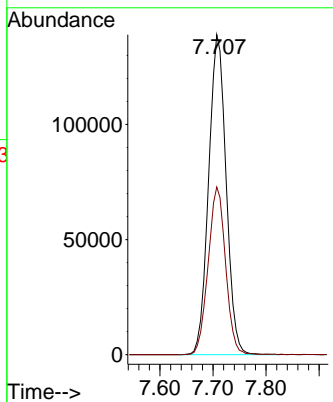
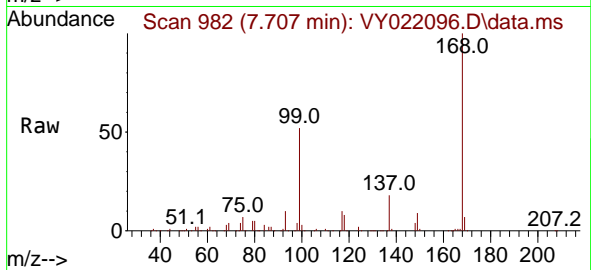




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.707 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY022096.D
 Acq: 01 May 2025 10:11

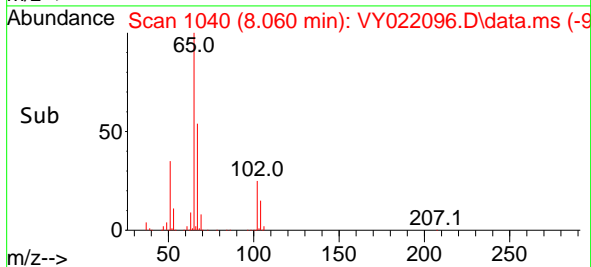
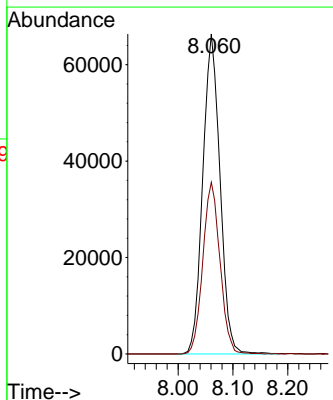
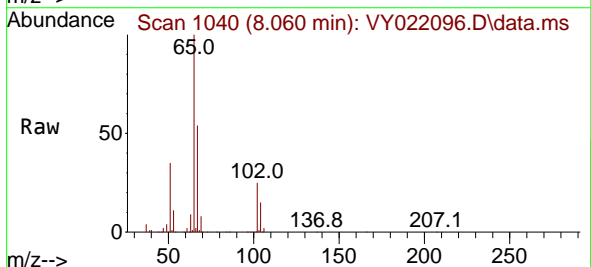
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBL01

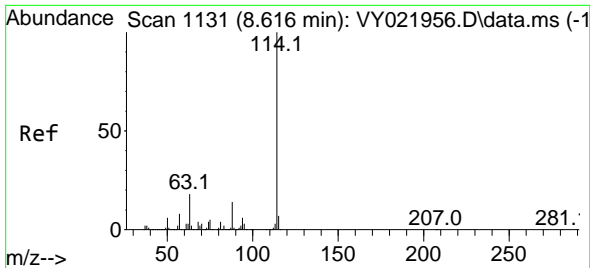
Tgt Ion:168 Resp: 317996
 Ion Ratio Lower Upper
 168 100
 99 52.4 43.1 64.7



#33
 1,2-Dichloroethane-d4
 Concen: 49.201 ug/l
 RT: 8.060 min Scan# 1040
 Delta R.T. -0.000 min
 Lab File: VY022096.D
 Acq: 01 May 2025 10:11

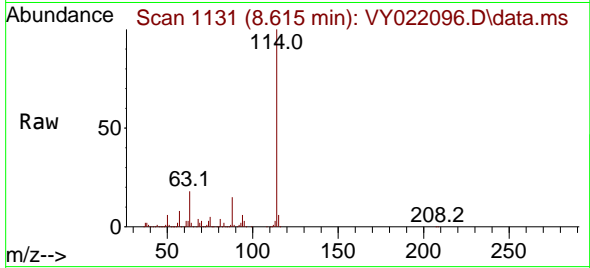
Tgt Ion: 65 Resp: 144517
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.8





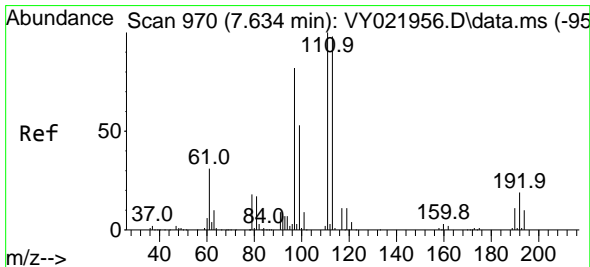
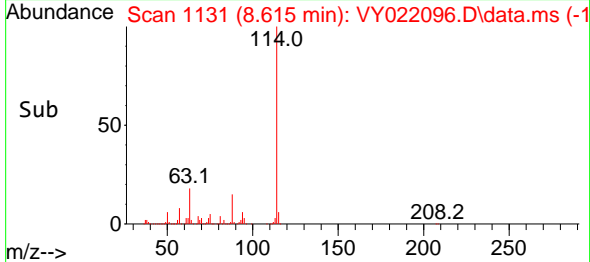
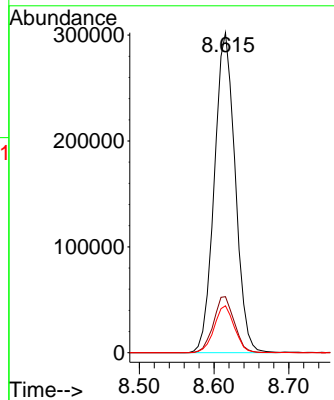
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.615 min Scan# 1131
 Delta R.T. -0.000 min
 Lab File: VY022096.D
 Acq: 01 May 2025 10:11

Instrument : MSVOA_Y
 ClientSampleId : VY0501SBL01

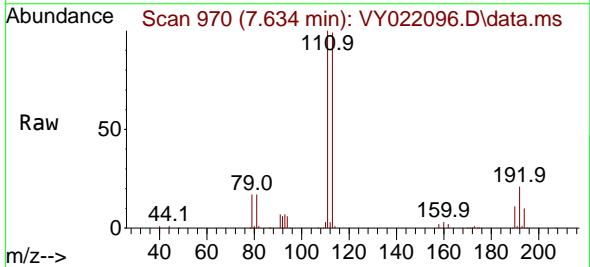


Tgt Ion:114 Resp: 585580

Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	35.4
88	14.7	0.0	28.2

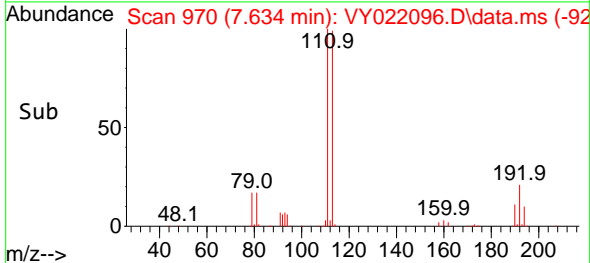
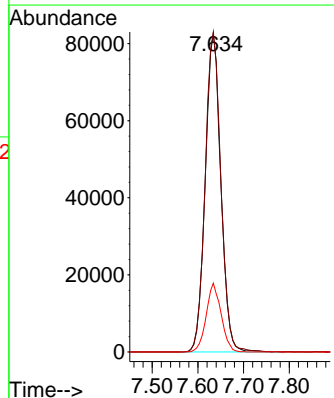


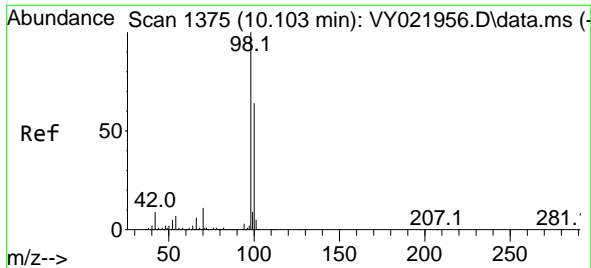
#35
 Dibromofluoromethane
 Concen: 50.590 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. -0.000 min
 Lab File: VY022096.D
 Acq: 01 May 2025 10:11



Tgt Ion:113 Resp: 195715

Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.8	122.8
192	20.6	15.6	23.4

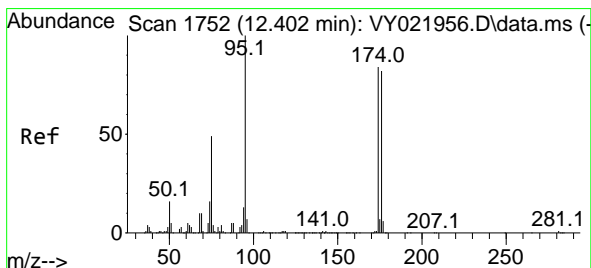
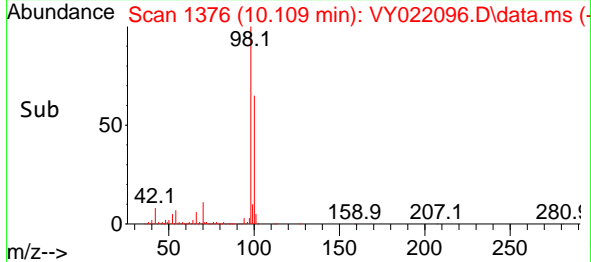
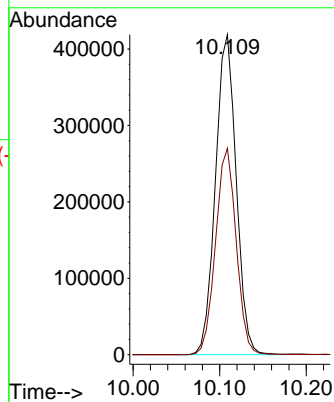
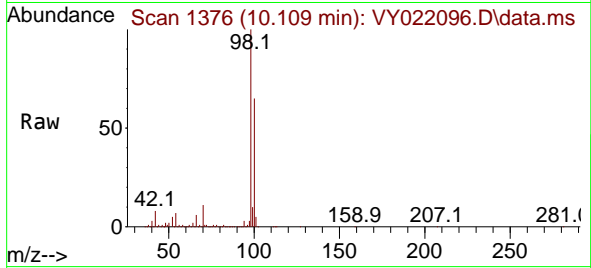




#50
 Toluene-d8
 Concen: 47.783 ug/l
 RT: 10.109 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY022096.D
 Acq: 01 May 2025 10:11

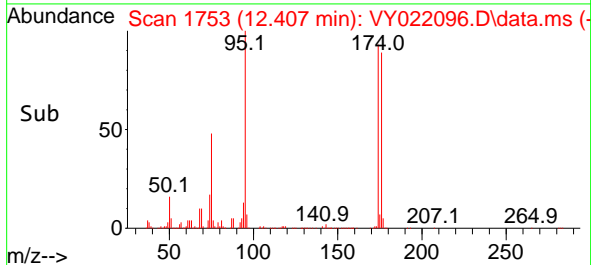
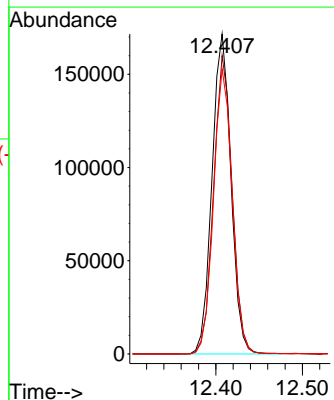
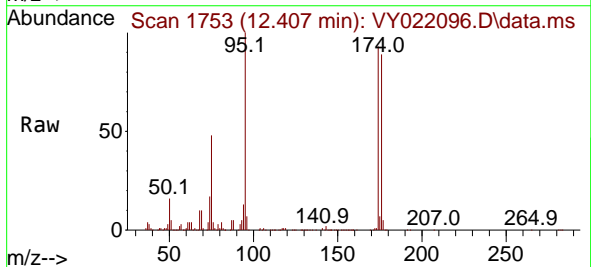
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBL01

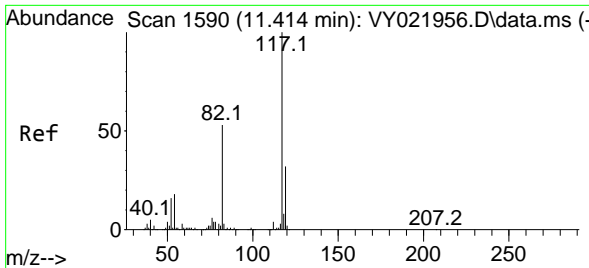
Tgt Ion: 98 Resp: 696910
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.6 77.4



#62
 4-Bromofluorobenzene
 Concen: 53.107 ug/l
 RT: 12.407 min Scan# 1753
 Delta R.T. 0.006 min
 Lab File: VY022096.D
 Acq: 01 May 2025 10:11

Tgt Ion: 95 Resp: 260745
 Ion Ratio Lower Upper
 95 100
 174 91.9 0.0 179.0
 176 88.4 0.0 171.8



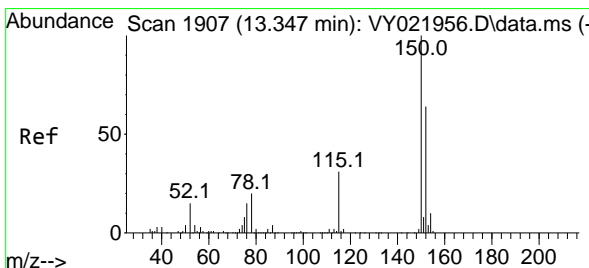
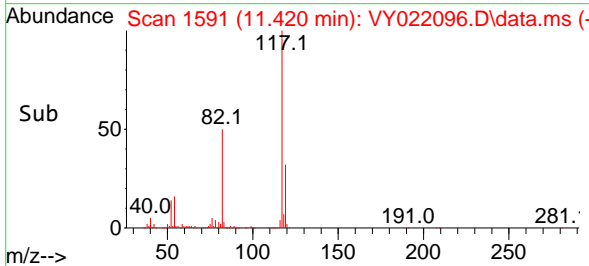
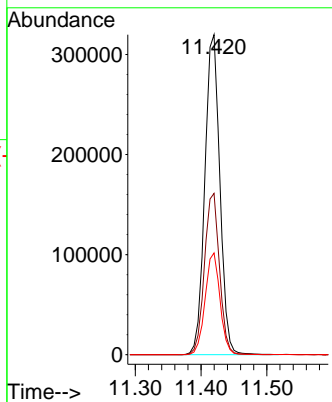
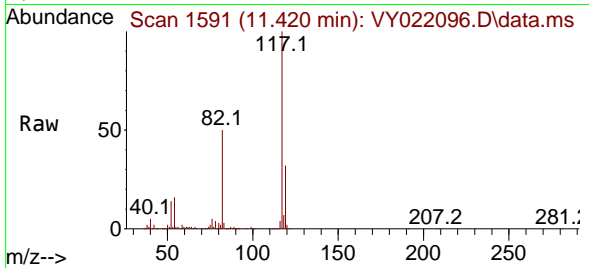


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.420 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY022096.D
 Acq: 01 May 2025 10:11

Instrument : MSVOA_Y
 ClientSampleId : VY0501SBL01

Tgt Ion:117 Resp: 508953

Ion	Ratio	Lower	Upper
117	100		
82	50.4	42.1	63.1
119	31.8	25.7	38.5



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY022096.D
 Acq: 01 May 2025 10:11

Tgt Ion:152 Resp: 180066

Ion	Ratio	Lower	Upper
152	100		
115	55.9	28.0	84.0
150	156.0	0.0	345.6

