

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050625\
 Data File : VY022171.D
 Acq On : 06 May 2025 09:45
 Operator : SY/MD
 Sample : VY0506SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0506SBL01

Quant Time: May 07 04:31:14 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	7.713	168	251073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	481164	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	415589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	146510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	128290	55.319	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.640%
35) Dibromofluoromethane	7.634	113	161153	50.696	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.400%
50) Toluene-d8	10.109	98	577687	48.204	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.400%
62) 4-Bromofluorobenzene	12.408	95	217188	53.835	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.660%

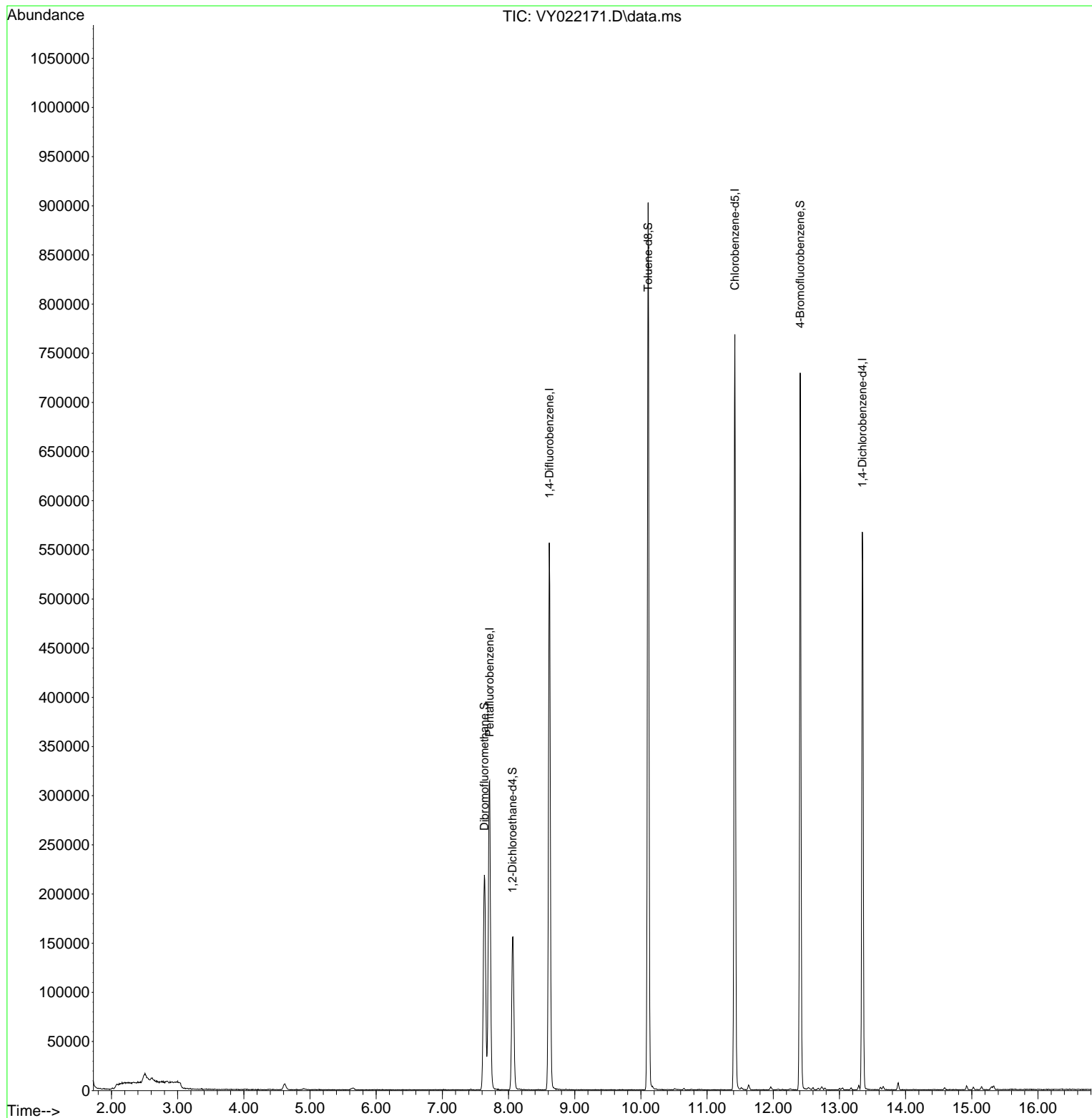
Target Compounds Qvalue

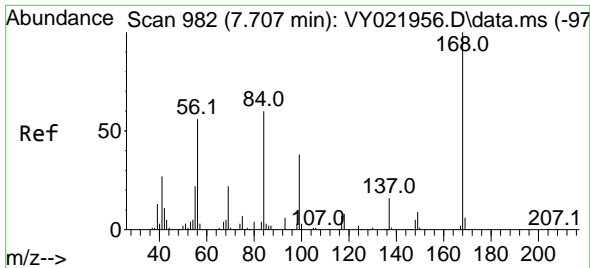
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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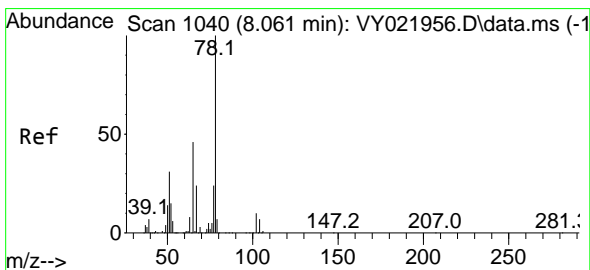
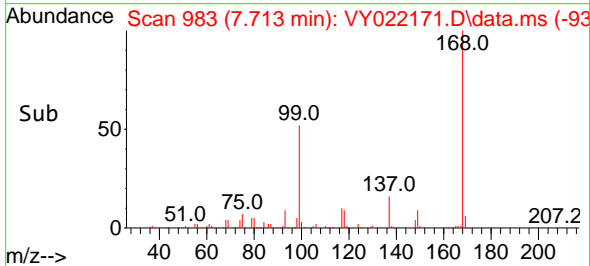
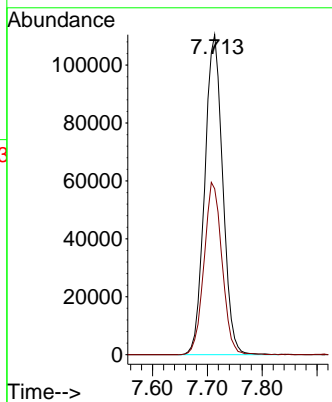
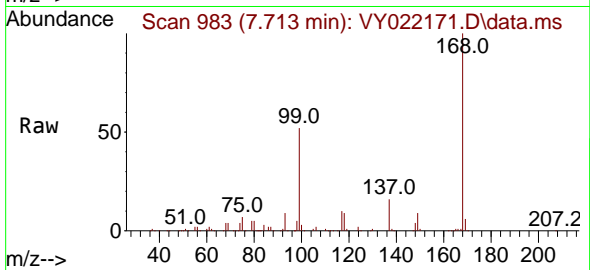




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.713 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VY022171.D
 Acq: 06 May 2025 09:45

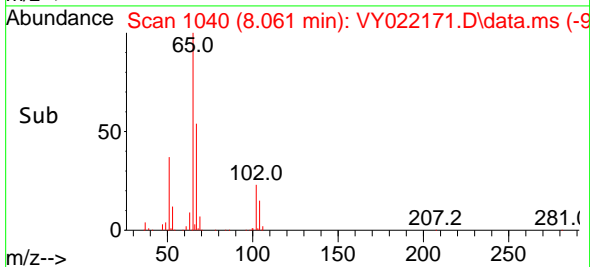
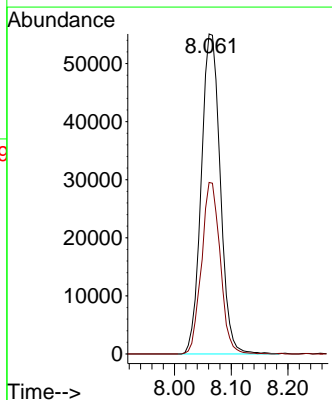
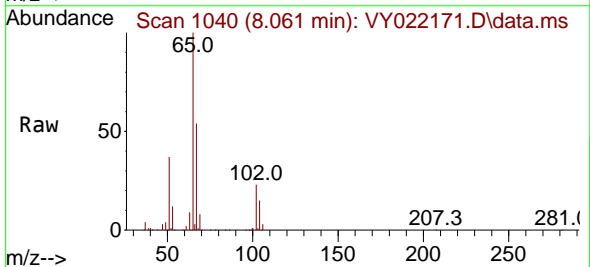
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0506SBL01

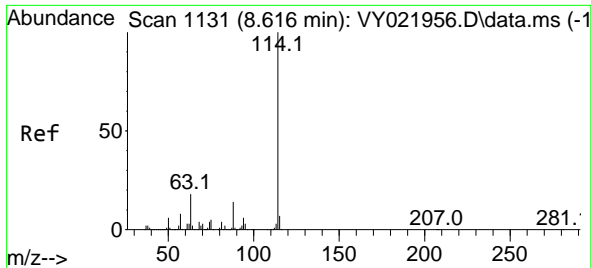
Tgt Ion:168 Resp: 251073
 Ion Ratio Lower Upper
 168 100
 99 51.9 43.1 64.7



#33
 1,2-Dichloroethane-d4
 Concen: 55.319 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. -0.000 min
 Lab File: VY022171.D
 Acq: 06 May 2025 09:45

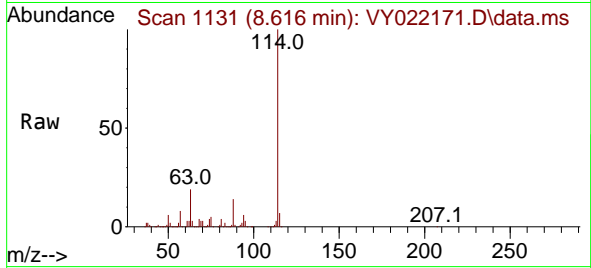
Tgt Ion: 65 Resp: 128290
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.8



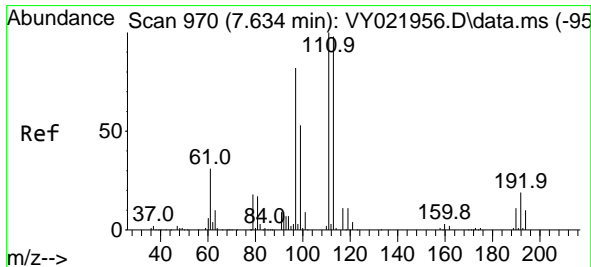
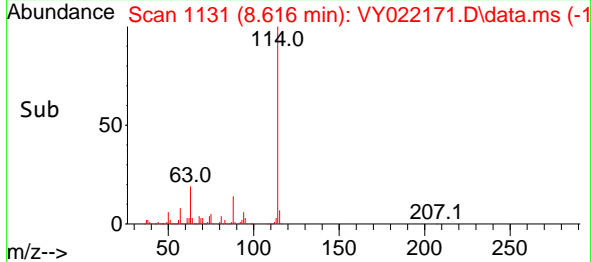
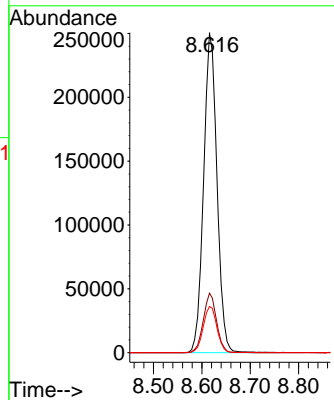


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. -0.000 min
 Lab File: VY022171.D
 Acq: 06 May 2025 09:45

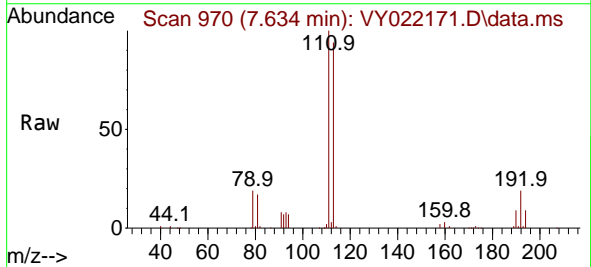
Instrument : MSVOA_Y
 ClientSampleId : VY0506SBL01



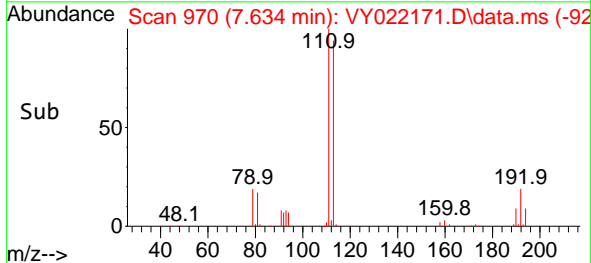
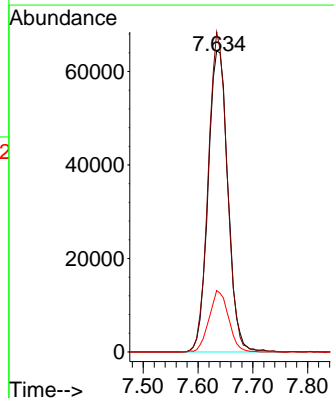
Tgt Ion:114 Resp: 481164
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 35.4
 88 14.5 0.0 28.2

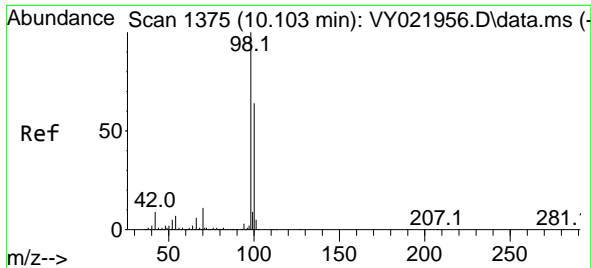


#35
 Dibromofluoromethane
 Concen: 50.696 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. -0.000 min
 Lab File: VY022171.D
 Acq: 06 May 2025 09:45



Tgt Ion:113 Resp: 161153
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.8 122.8
 192 20.1 15.6 23.4

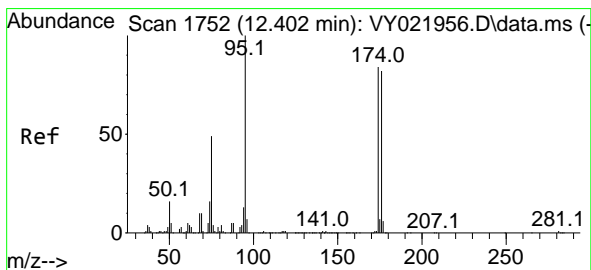
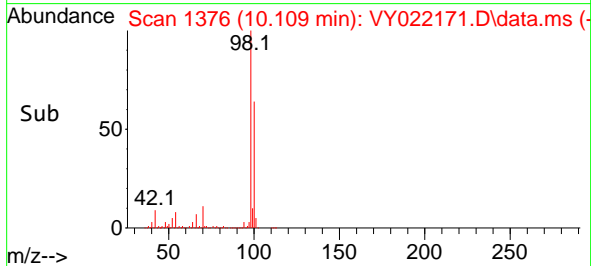
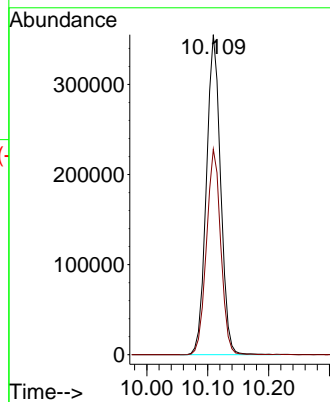
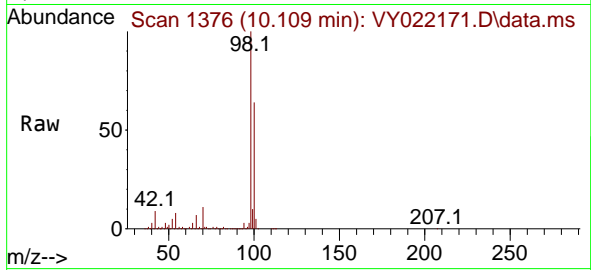




#50
 Toluene-d8
 Concen: 48.204 ug/l
 RT: 10.109 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY022171.D
 Acq: 06 May 2025 09:45

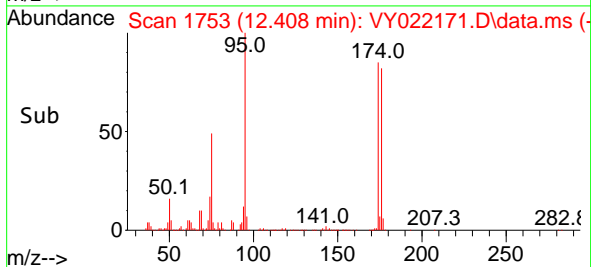
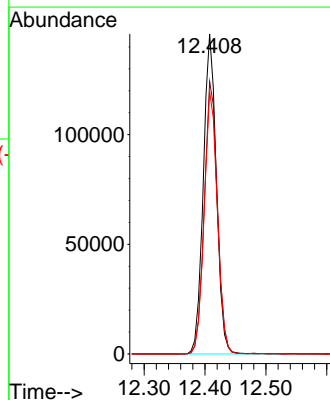
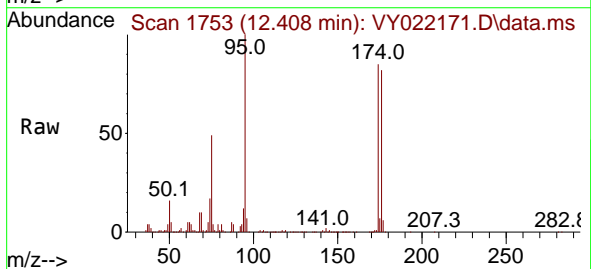
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0506SBL01

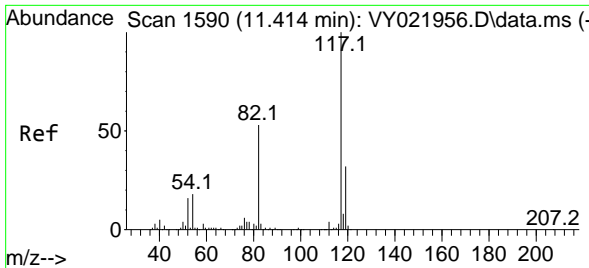
Tgt Ion: 98 Resp: 577687
 Ion Ratio Lower Upper
 98 100
 100 64.4 51.6 77.4



#62
 4-Bromofluorobenzene
 Concen: 53.835 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. 0.006 min
 Lab File: VY022171.D
 Acq: 06 May 2025 09:45

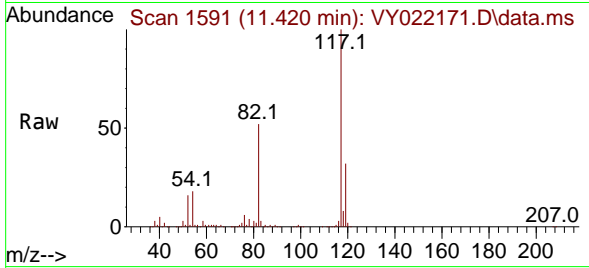
Tgt Ion: 95 Resp: 217188
 Ion Ratio Lower Upper
 95 100
 174 86.2 0.0 179.0
 176 82.9 0.0 171.8





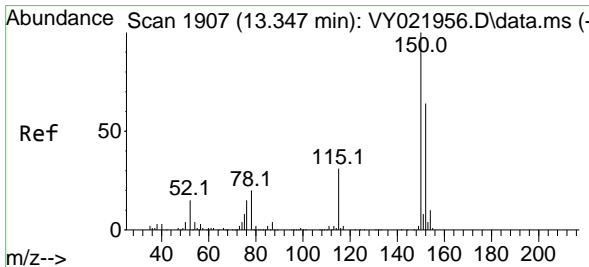
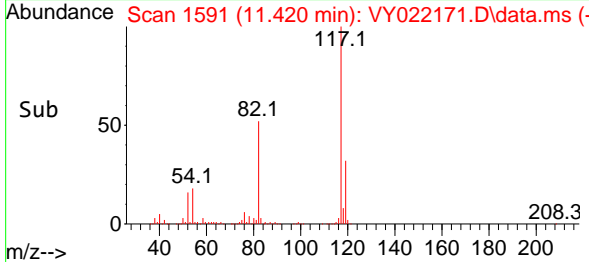
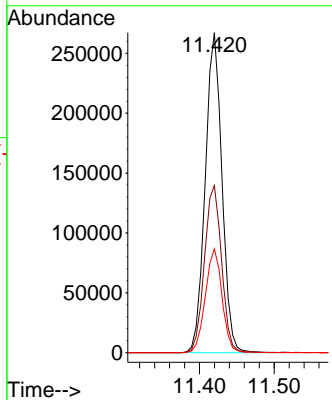
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.420 min Scan# 1171
 Delta R.T. 0.006 min
 Lab File: VY022171.D
 Acq: 06 May 2025 09:45

Instrument : MSVOA_Y
 ClientSampleId : VY0506SBL01



Tgt Ion:117 Resp: 415589

Ion	Ratio	Lower	Upper
117	100		
82	52.2	42.1	63.1
119	32.4	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: VY022171.D
 Acq: 06 May 2025 09:45

Tgt Ion:152 Resp: 146510

Ion	Ratio	Lower	Upper
152	100		
115	58.4	28.0	84.0
150	158.9	0.0	345.6

