

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031125\
 Data File : VY021493.D
 Acq On : 11 Mar 2025 17:52
 Operator : SY/MD
 Sample : Q1508-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR251372

Quant Time: Mar 12 01:25:57 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	3739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	5849	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	3234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	611	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	3330	84.263	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	168.520%#
35) Dibromofluoromethane	7.628	113	1889	49.133	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.260%
50) Toluene-d8	10.109	98	5831	40.056	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	80.120%
62) 4-Bromofluorobenzene	12.408	95	630	12.723	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	25.440%#

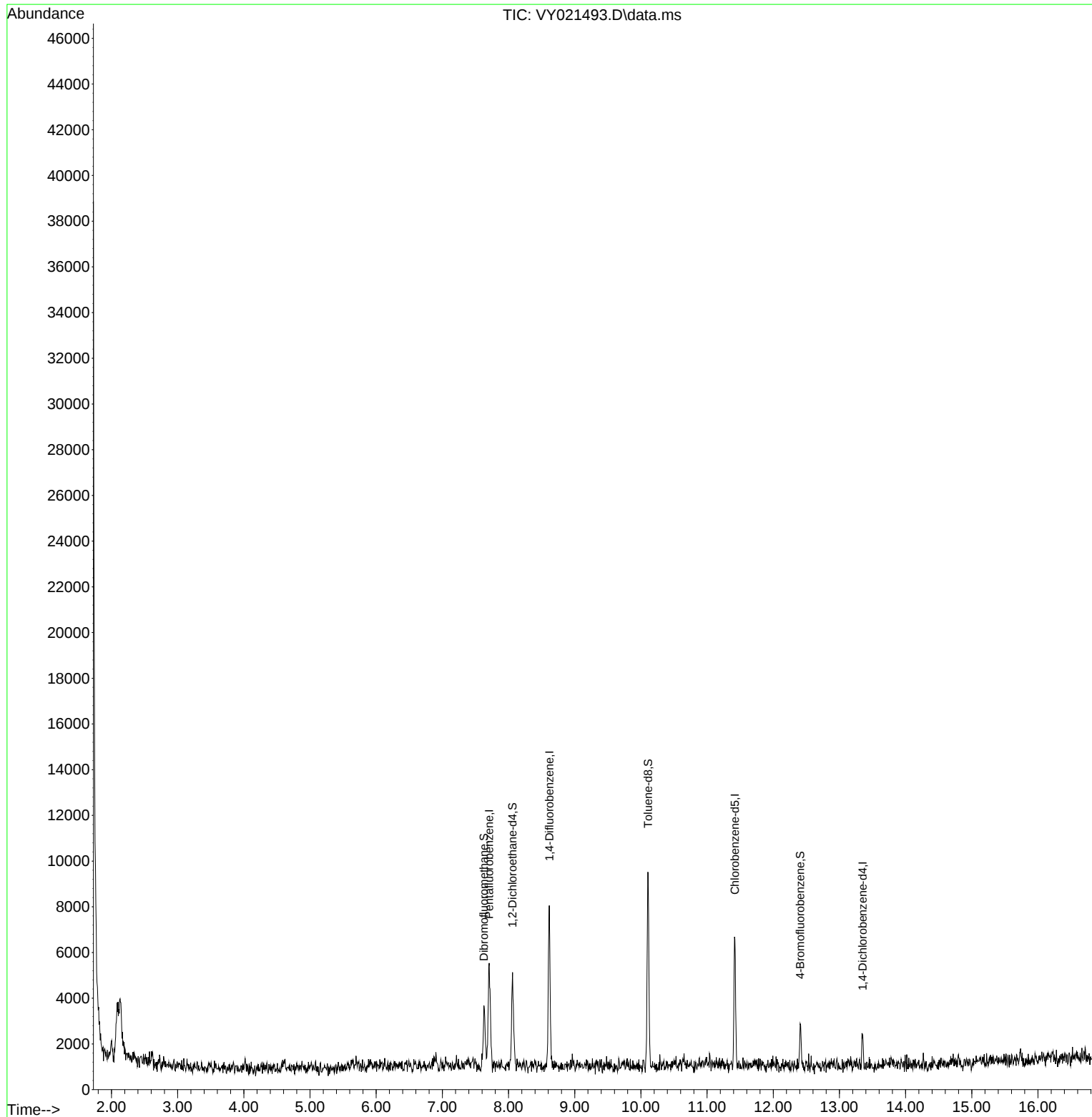
Target Compounds	Qvalue

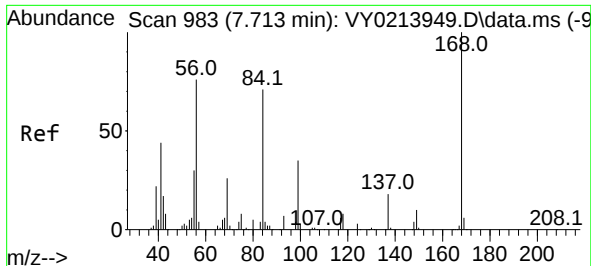
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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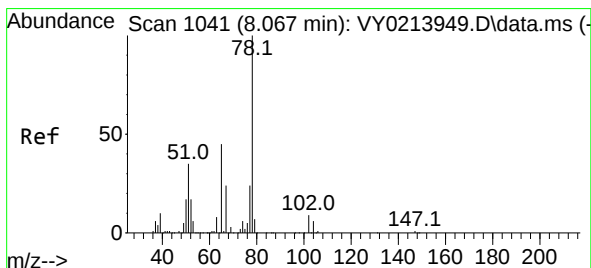
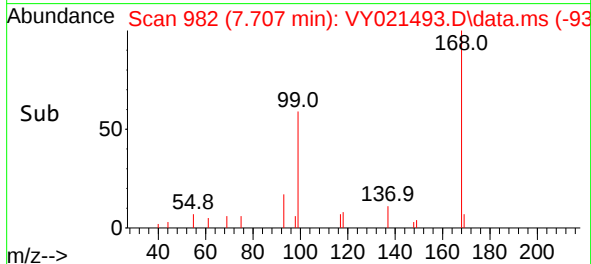
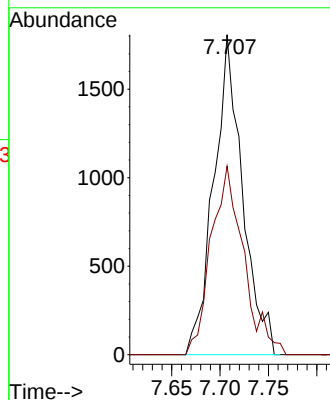
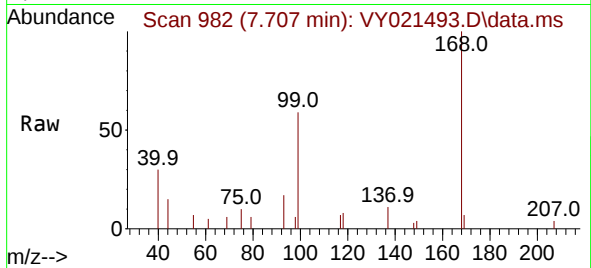




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021493.D
Acq: 11 Mar 2025 17:52

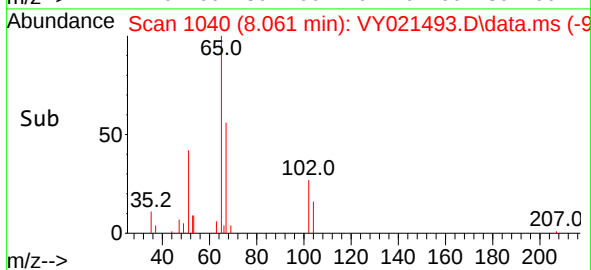
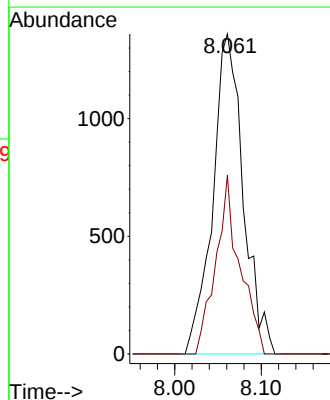
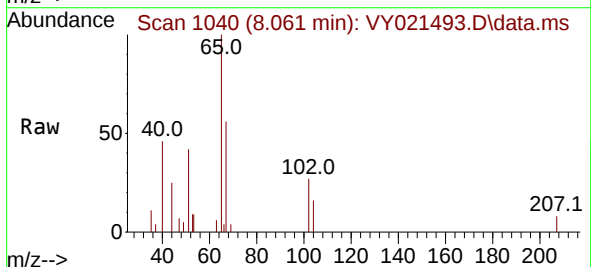
Instrument :
MSVOA_Y
ClientSampleId :
RBR251372

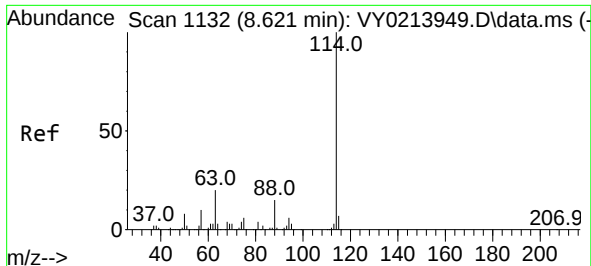
Tgt Ion:168 Resp: 3739
Ion Ratio Lower Upper
168 100
99 58.9 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 84.263 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021493.D
Acq: 11 Mar 2025 17:52

Tgt Ion: 65 Resp: 3330
Ion Ratio Lower Upper
65 100
67 44.0 0.0 102.8

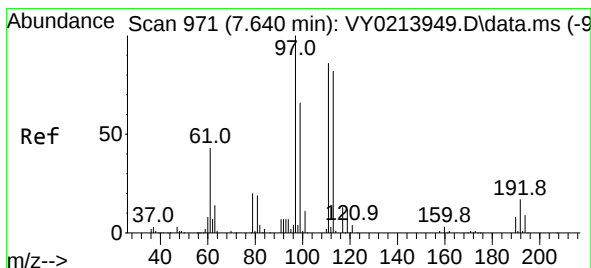
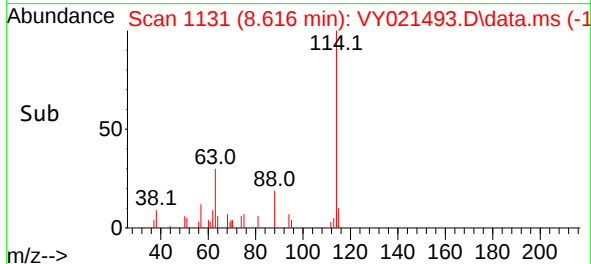
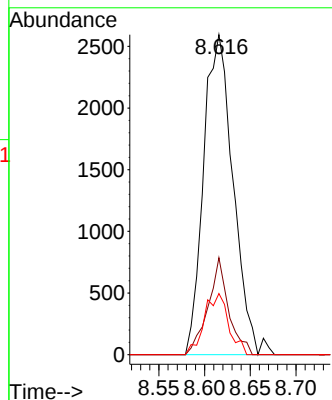
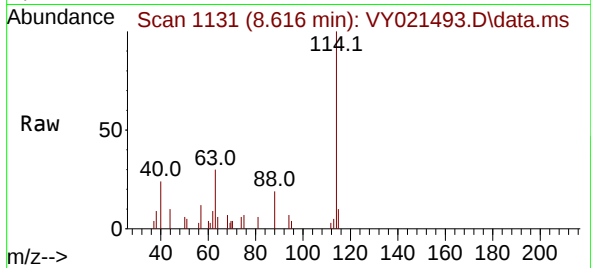




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021493.D
Acq: 11 Mar 2025 17:52

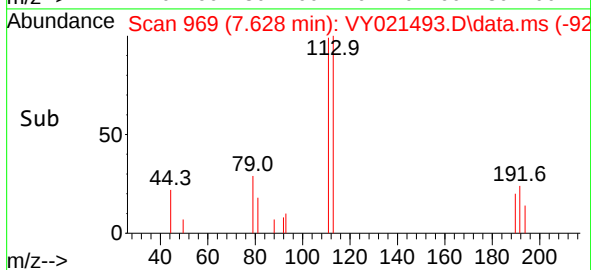
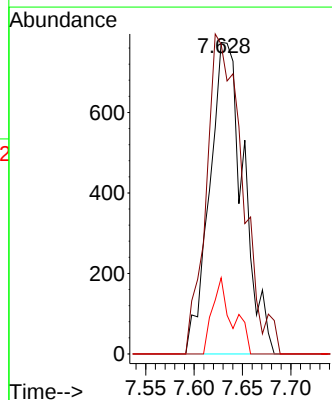
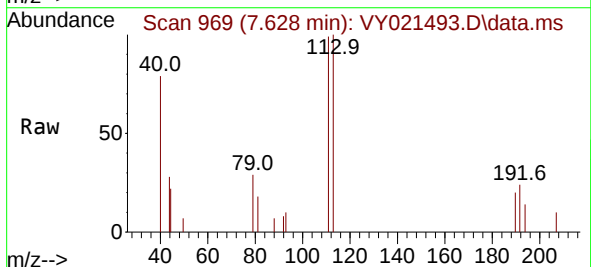
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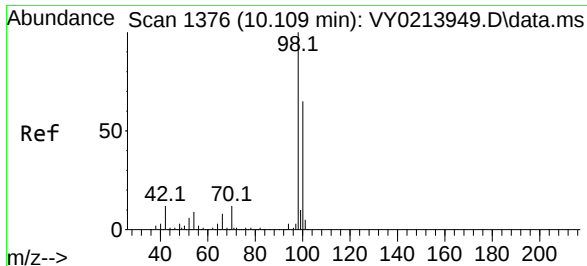
Tgt Ion:	114	Resp:	5849
Ion Ratio	Lower	Upper	
114	100		
63	30.3	0.0	40.8
88	19.1	0.0	30.8



#35
Dibromofluoromethane
Concen: 49.133 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.012 min
Lab File: VY021493.D
Acq: 11 Mar 2025 17:52

Tgt Ion:	113	Resp:	1889
Ion Ratio	Lower	Upper	
113	100		
111	109.8	82.0	123.0
192	14.5	15.9	23.9#

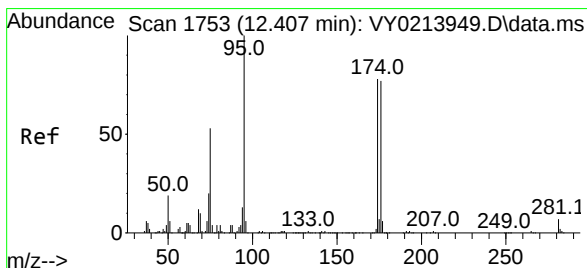
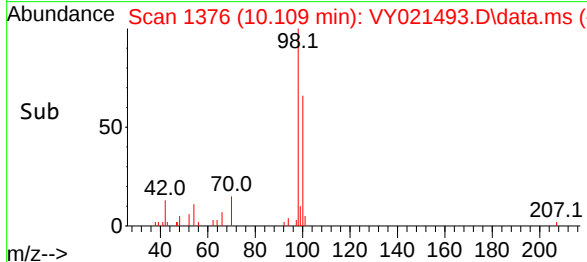
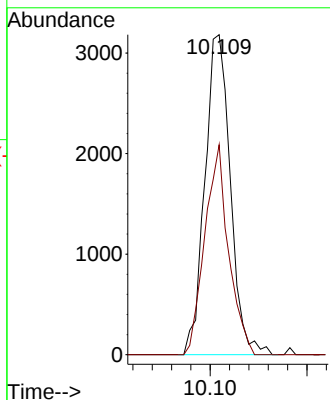
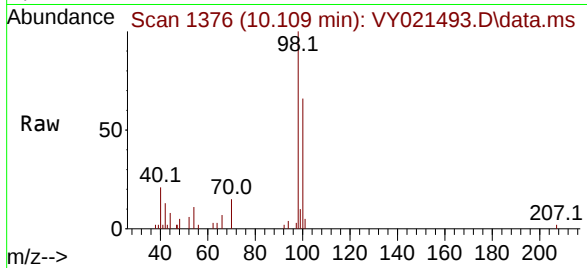




#50
Toluene-d8
Concen: 40.056 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021493.D
Acq: 11 Mar 2025 17:52

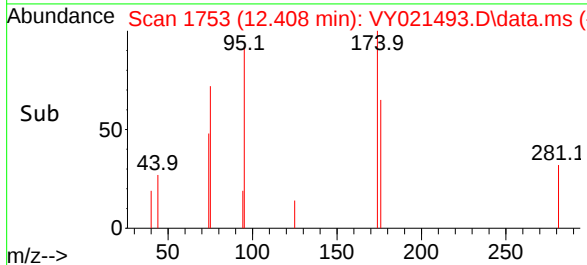
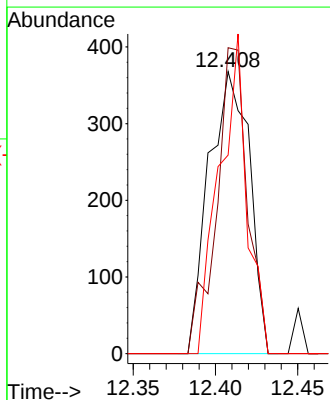
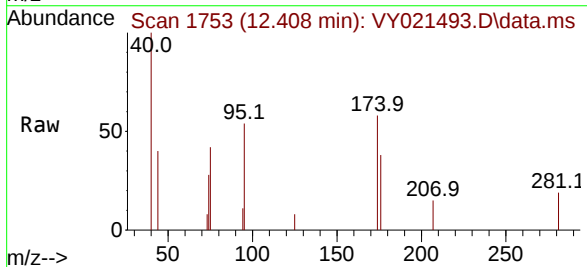
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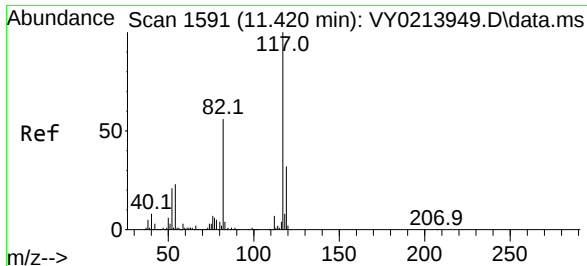
Tgt Ion: 98 Resp: 5831
Ion Ratio Lower Upper
98 100
100 61.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 12.723 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021493.D
Acq: 11 Mar 2025 17:52

Tgt Ion: 95 Resp: 630
Ion Ratio Lower Upper
95 100
174 83.8 0.0 165.0
176 76.7 0.0 160.0

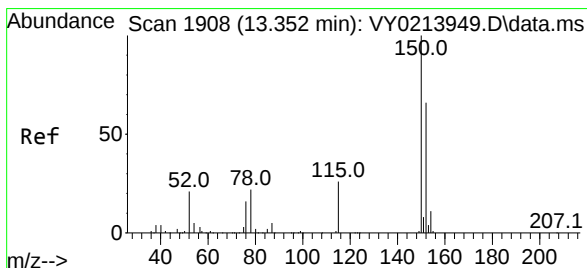
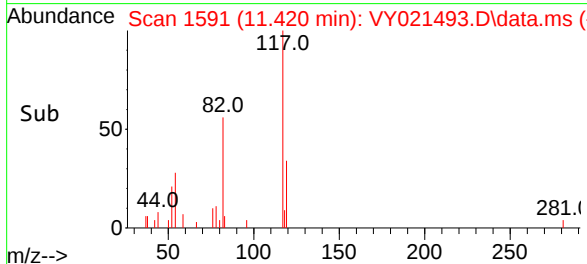
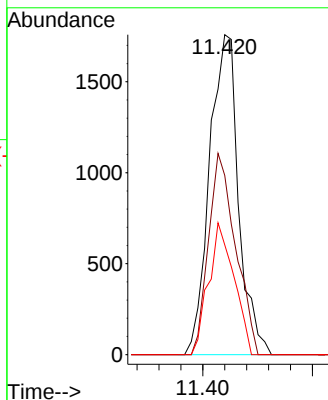
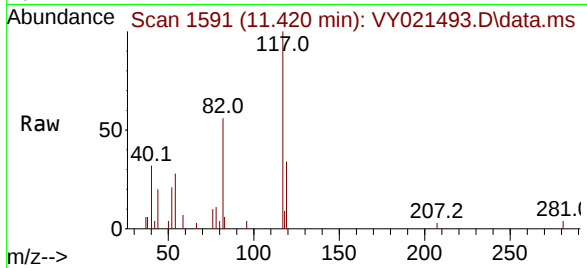




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021493.D
Acq: 11 Mar 2025 17:52

Instrument :
MSVOA_Y
ClientSampleId :
RBR251372

Tgt Ion:	117	Resp:	3234
Ion	Ratio	Lower	Upper
117	100		
82	56.0	44.6	67.0
119	34.3	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY021493.D
Acq: 11 Mar 2025 17:52

Tgt Ion:	152	Resp:	611
Ion	Ratio	Lower	Upper
152	100		
115	41.7	29.0	87.0
150	118.0	0.0	347.2

