

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082525\
 Data File : VY023208.D
 Acq On : 25 Aug 2025 12:59
 Operator : SY/MD
 Sample : Q2915-03
 Misc : 5.51g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BRIDGE-EAST

Quant Time: Aug 25 23:50:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	7162	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	9208	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	3801	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.340	152	734	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	2929	42.910	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.820%
35) Dibromofluoromethane	7.628	113	2981	54.104	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.200%
50) Toluene-d8	10.109	98	8644	40.159	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	80.320%
62) 4-Bromofluorobenzene	12.401	95	808	11.673	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	23.340%#

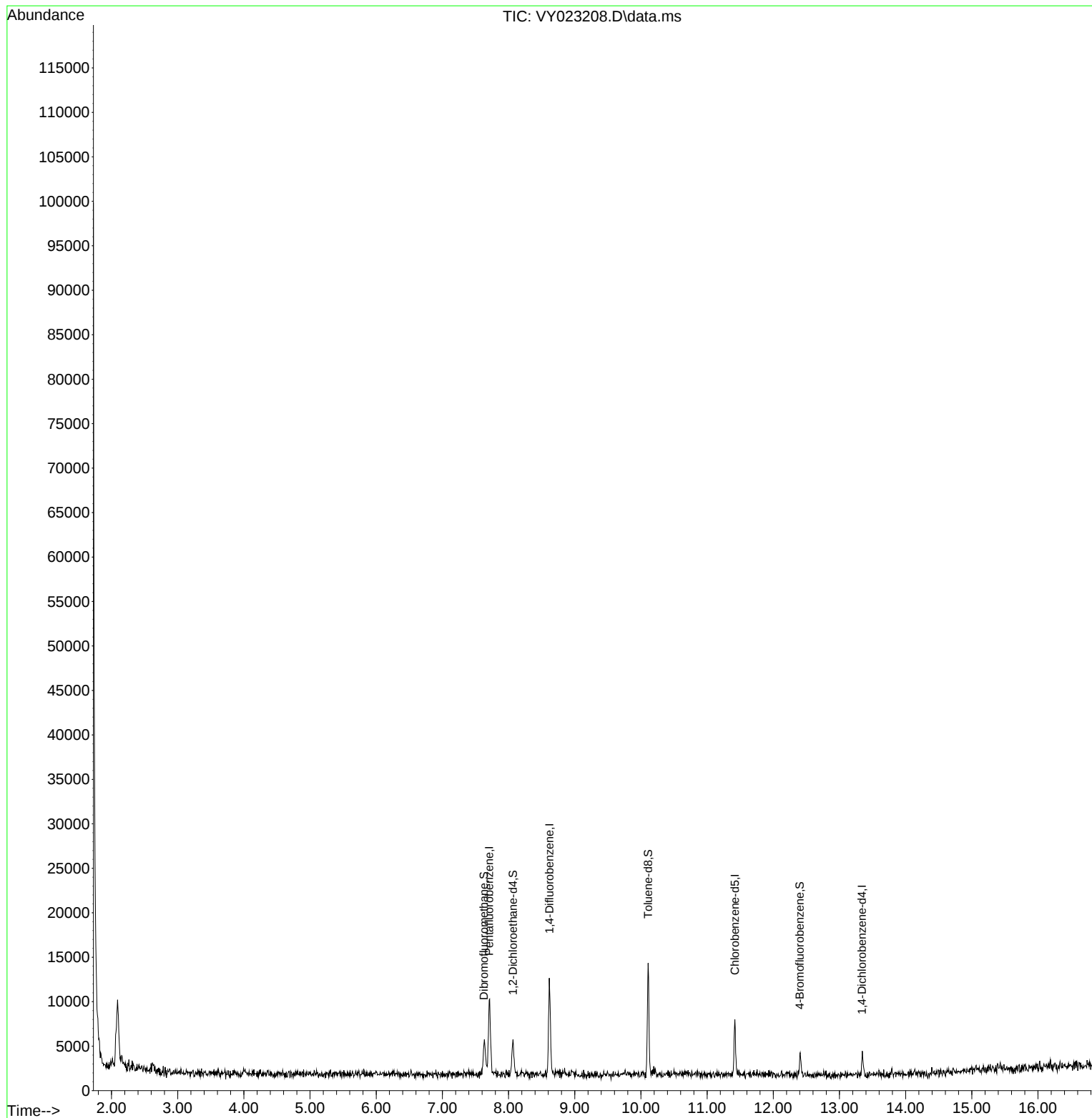
Target Compounds	Qvalue

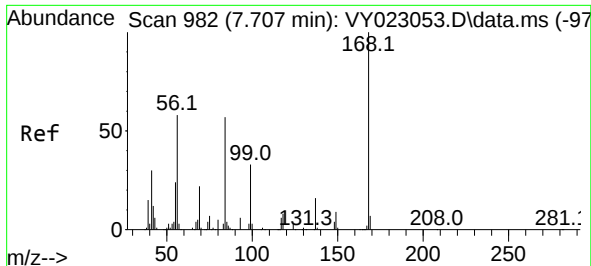
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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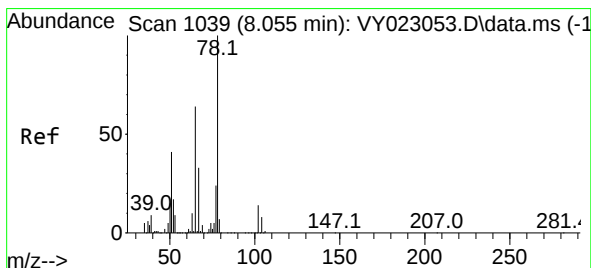
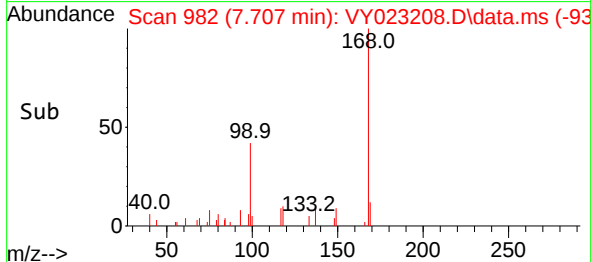
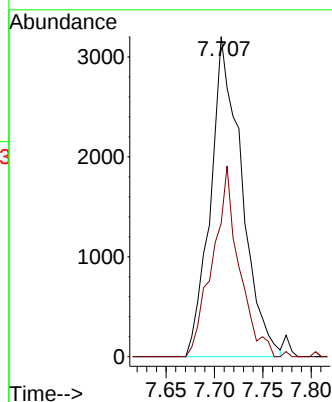
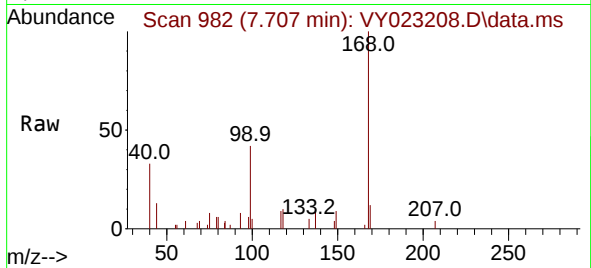




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023208.D
Acq: 25 Aug 2025 12:59

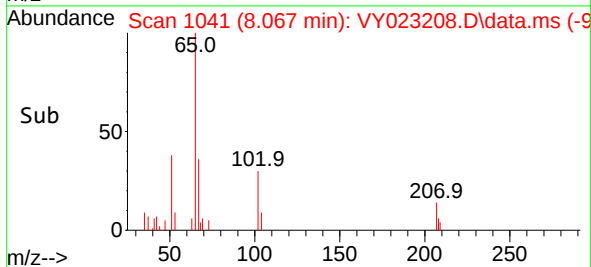
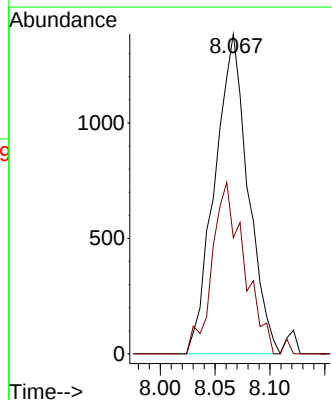
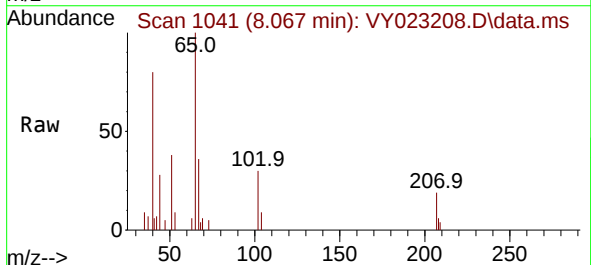
Instrument :
MSVOA_Y
ClientSampleId :
BRIDGE-EAST

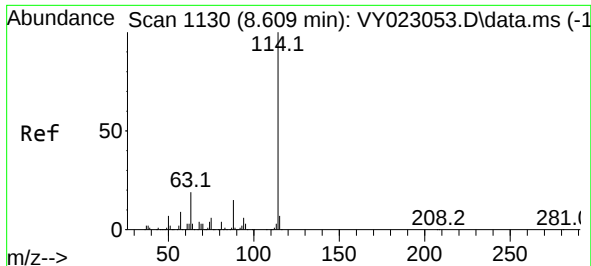
Tgt Ion:168 Resp: 7162
Ion Ratio Lower Upper
168 100
99 41.6 42.8 64.2#



#33
1,2-Dichloroethane-d4
Concen: 42.910 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VY023208.D
Acq: 25 Aug 2025 12:59

Tgt Ion: 65 Resp: 2929
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.8

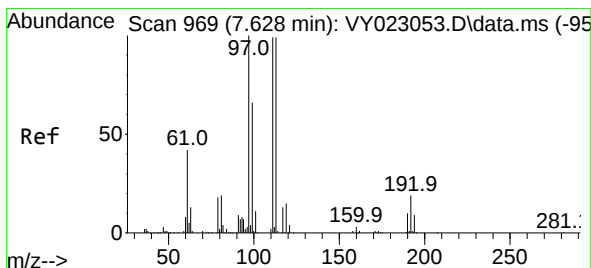
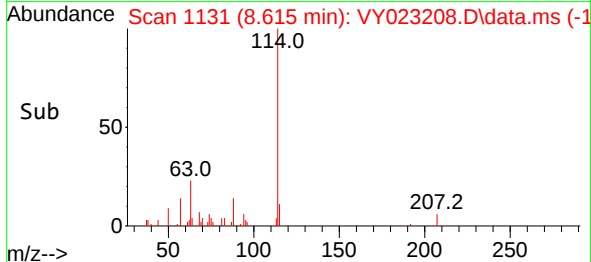
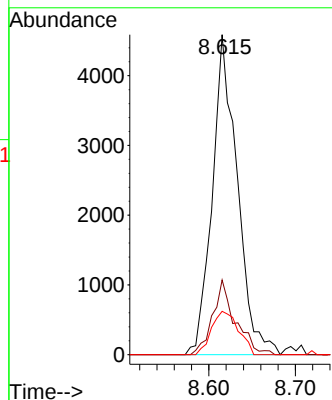
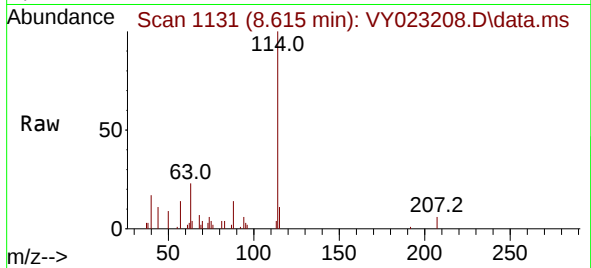




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VY023208.D
Acq: 25 Aug 2025 12:59

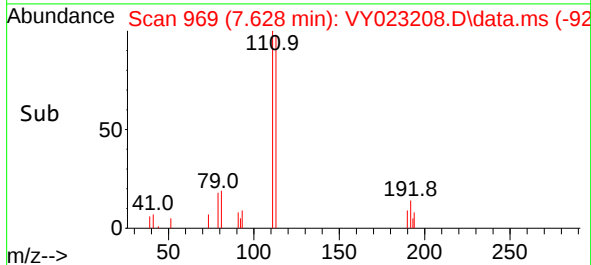
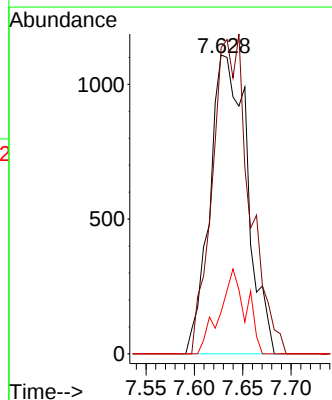
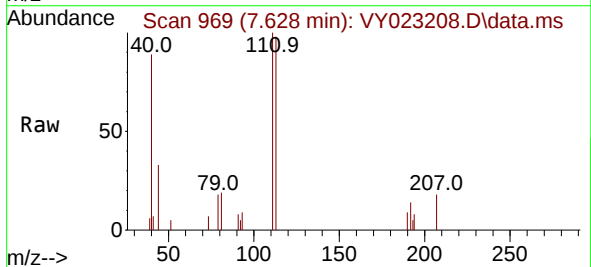
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ClientSampleId :
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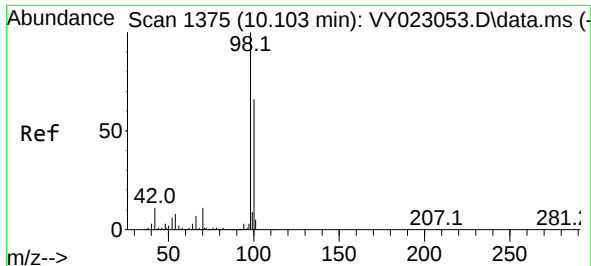
Tgt Ion:114 Resp: 9208
Ion Ratio Lower Upper
114 100
63 23.4 0.0 38.4
88 13.6 0.0 30.0



#35
Dibromofluoromethane
Concen: 54.104 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY023208.D
Acq: 25 Aug 2025 12:59

Tgt Ion:113 Resp: 2981
Ion Ratio Lower Upper
113 100
111 105.2 81.1 121.7
192 20.2 16.2 24.4

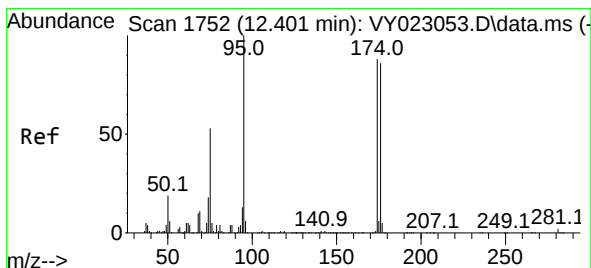
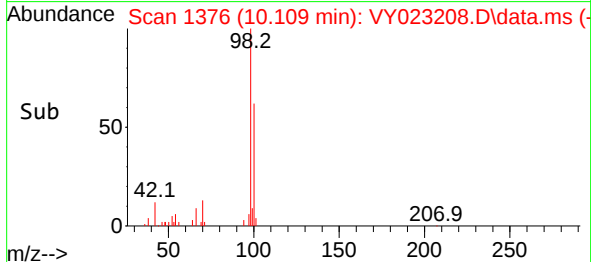
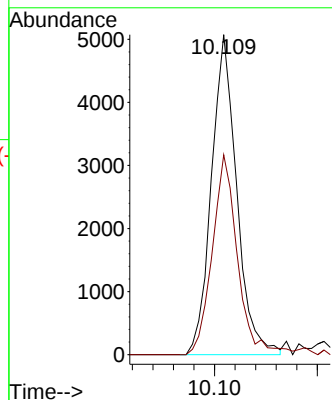
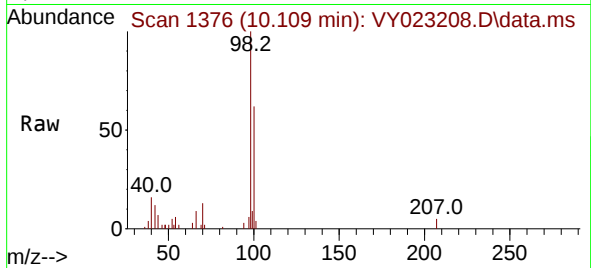




#50
Toluene-d8
Concen: 40.159 ug/l
RT: 10.109 min Scan# 1375
Delta R.T. 0.006 min
Lab File: VY023208.D
Acq: 25 Aug 2025 12:59

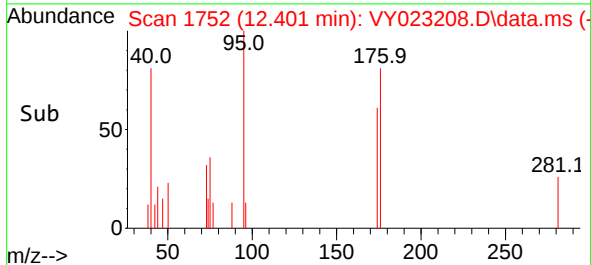
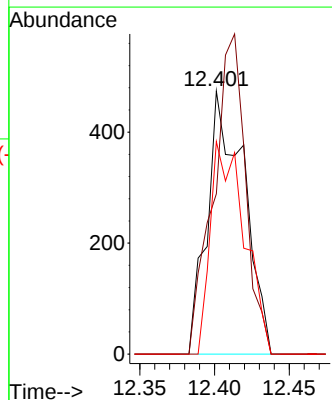
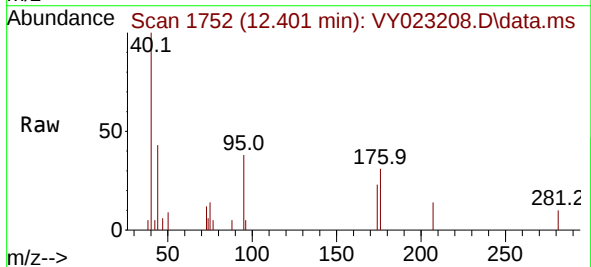
Instrument :
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BRIDGE-EAST

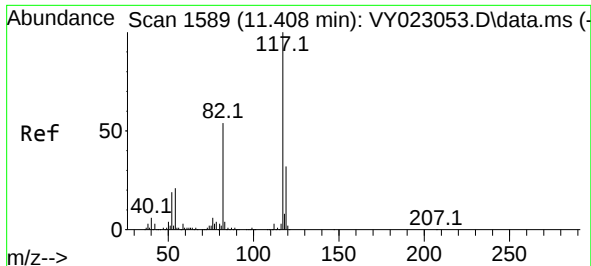
Tgt Ion: 98 Resp: 8644
Ion Ratio Lower Upper
98 100
100 62.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 11.673 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023208.D
Acq: 25 Aug 2025 12:59

Tgt Ion: 95 Resp: 808
Ion Ratio Lower Upper
95 100
174 106.8 0.0 171.6
176 75.2 0.0 167.6

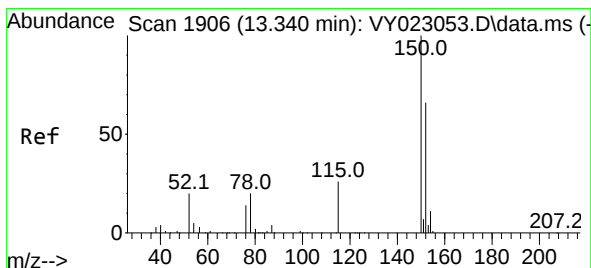
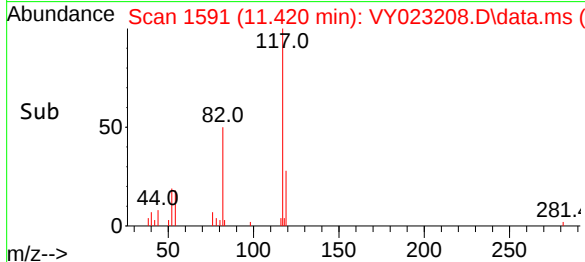
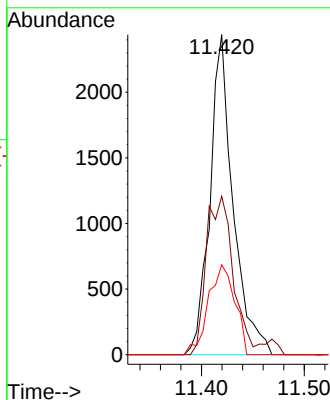
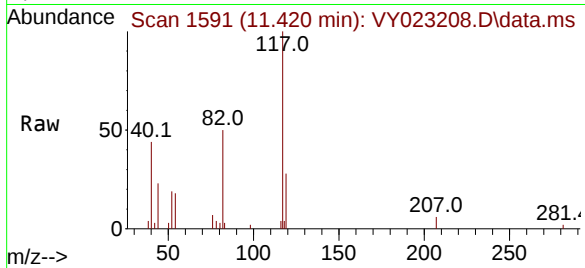




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY023208.D
Acq: 25 Aug 2025 12:59

Instrument :
MSVOA_Y
ClientSampleId :
BRIDGE-EAST

Tgt Ion:117	Resp:	3801
Ion	Ratio	Lower Upper
117	100	
82	49.5	43.4 65.0
119	28.1	25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1906
Delta R.T. -0.000 min
Lab File: VY023208.D
Acq: 25 Aug 2025 12:59

Tgt Ion:152	Resp:	734
Ion	Ratio	Lower Upper
152	100	
115	57.5	28.2 84.6
150	161.3	0.0 348.0

