

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
 Data File : VV039248.D
 Acq On : 03 Oct 2025 14:42
 Operator : SY/MD
 Sample : Q3263-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 266380

Quant Time: Oct 04 01:11:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 08:08:08 2025
 Response via : Initial Calibration

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

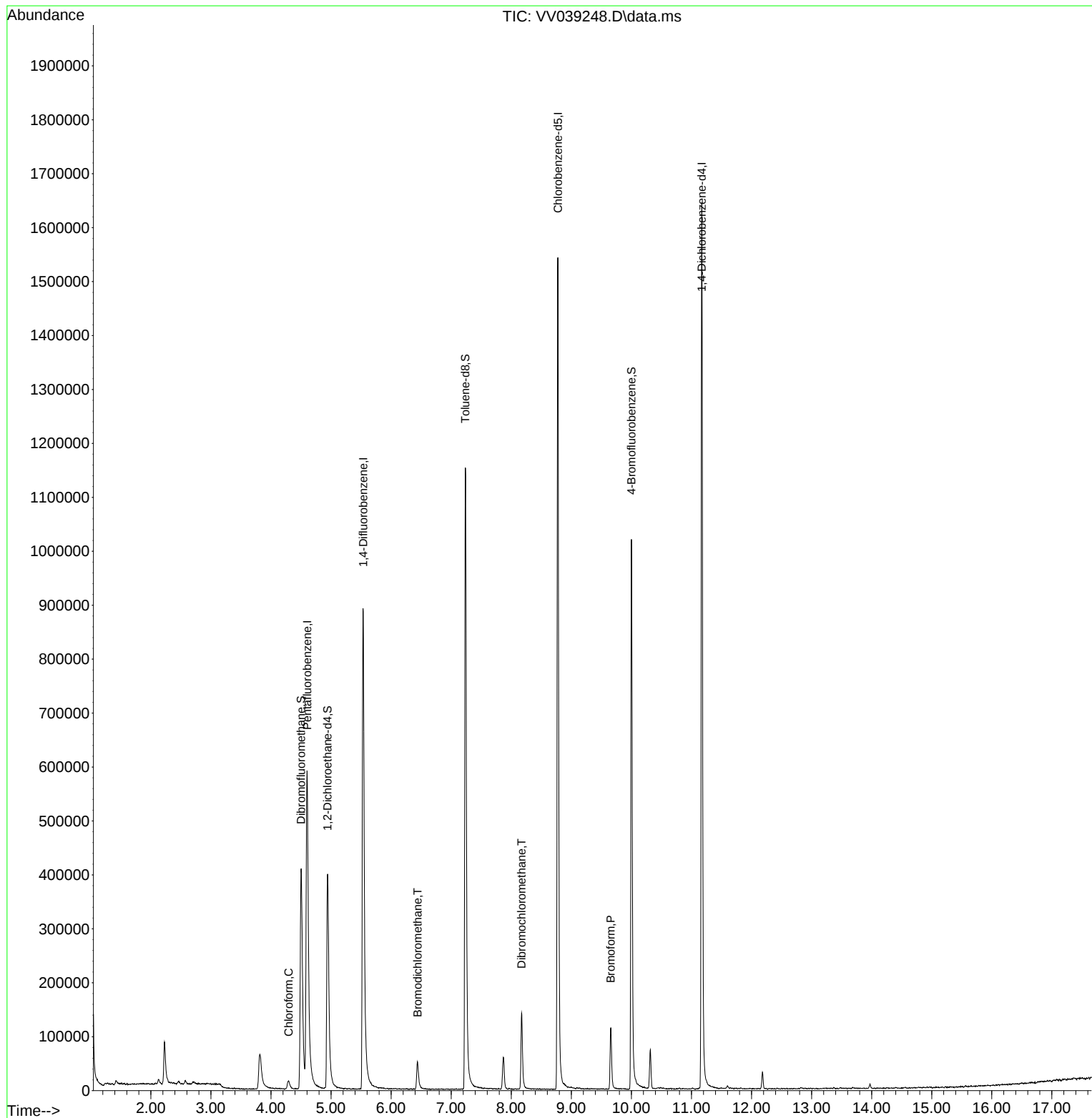
Internal Standards						
1) Pentafluorobenzene	4.603	168	515518	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	886439	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	887984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	441054	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	358899	48.103	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	96.200%
35) Dibromofluoromethane	4.503	113	342961	48.126	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	96.260%
50) Toluene-d8	7.236	98	849141	40.571	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	81.140%#
62) 4-Bromofluorobenzene	10.001	95	352556	40.918	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	81.840%#
Target Compounds						
					Qvalue	
30) Chloroform	4.294	83	17420	1.027	ug/l	96
47) Bromodichloromethane	6.439	83	41816	3.030	ug/l	100
60) Dibromochloromethane	8.172	129	80342	7.730	ug/l	98
71) Bromoform	9.657	173	54768	7.845	ug/l #	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
Data File : VV039248.D
Acq On : 03 Oct 2025 14:42
Operator : SY/MD
Sample : Q3263-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
266380

Quant Time: Oct 04 01:11:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

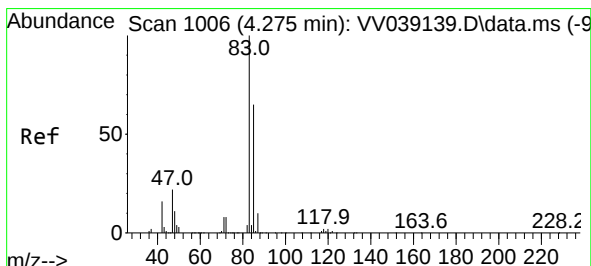
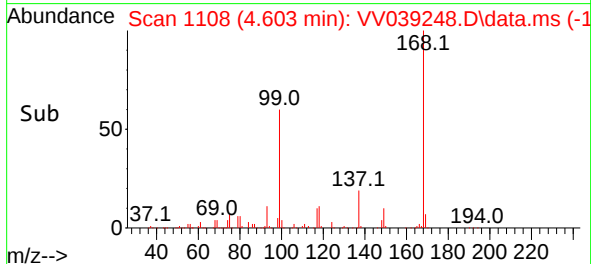
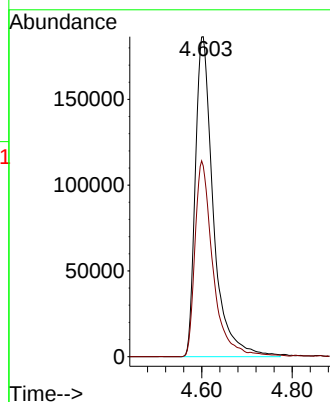
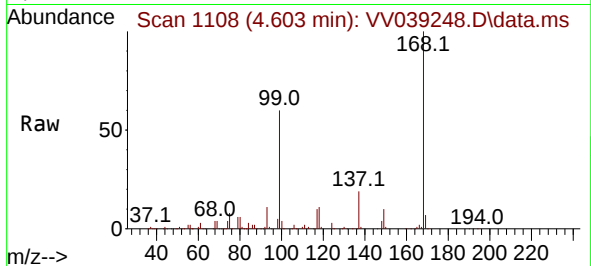




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.603 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VV039248.D
Acq: 03 Oct 2025 14:42

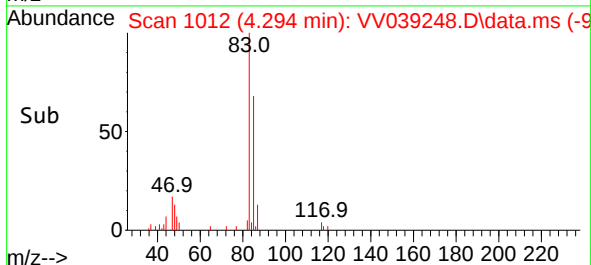
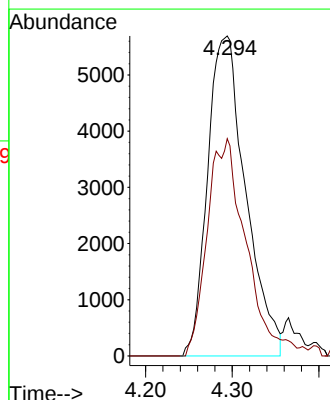
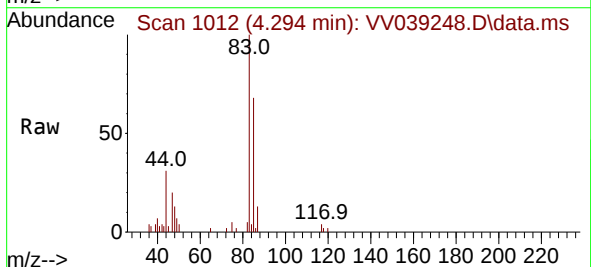
Instrument :
MSVOA_V
ClientSampleId :
266380

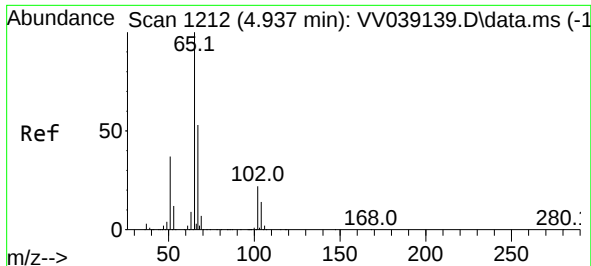
Tgt Ion:168 Resp: 515518
Ion Ratio Lower Upper
168 100
99 59.6 49.6 74.4



#30
Chloroform
Concen: 1.027 ug/l
RT: 4.294 min Scan# 1012
Delta R.T. 0.019 min
Lab File: VV039248.D
Acq: 03 Oct 2025 14:42

Tgt Ion: 83 Resp: 17420
Ion Ratio Lower Upper
83 100
85 67.9 52.1 78.1





#33

1,2-Dichloroethane-d4

Concen: 48.103 ug/l

RT: 4.941 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV039248.D

Acq: 03 Oct 2025 14:42

Instrument :

MSVOA_V

ClientSampleId :

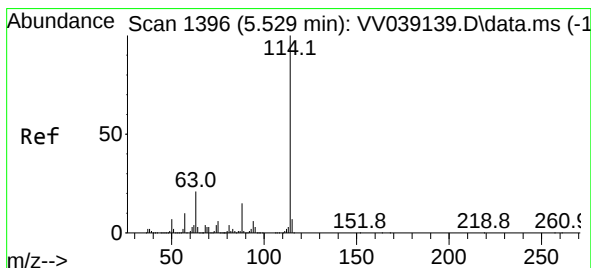
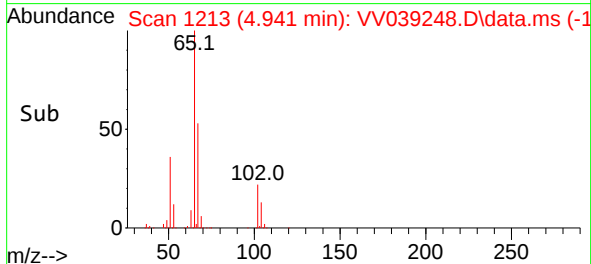
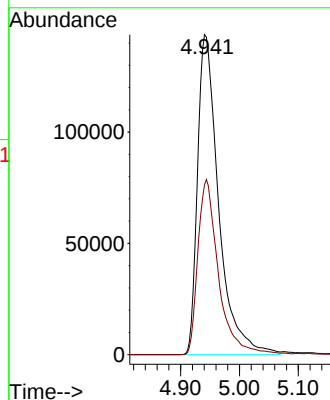
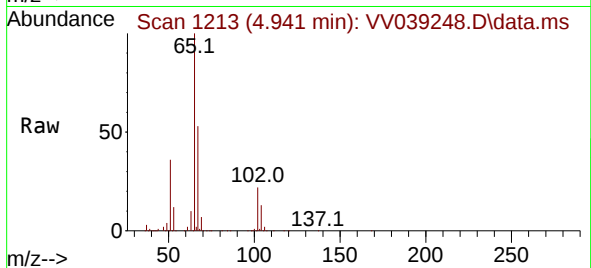
266380

Tgt Ion: 65 Resp: 358899

Ion Ratio Lower Upper

65 100

67 53.5 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.535 min Scan# 1398

Delta R.T. 0.006 min

Lab File: VV039248.D

Acq: 03 Oct 2025 14:42

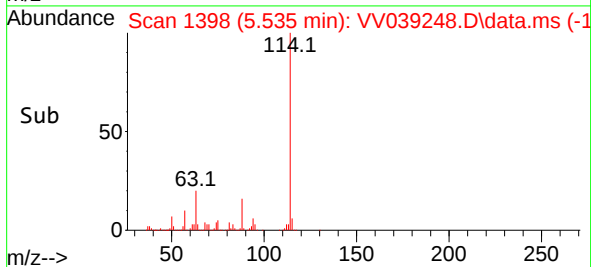
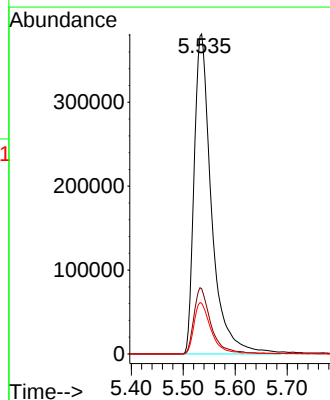
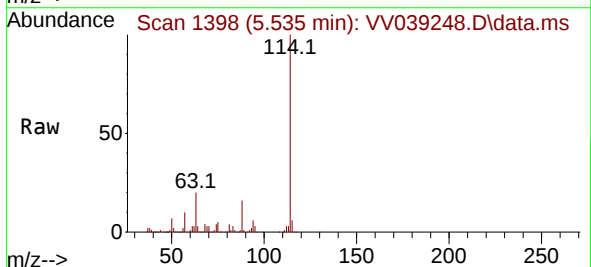
Tgt Ion: 114 Resp: 886439

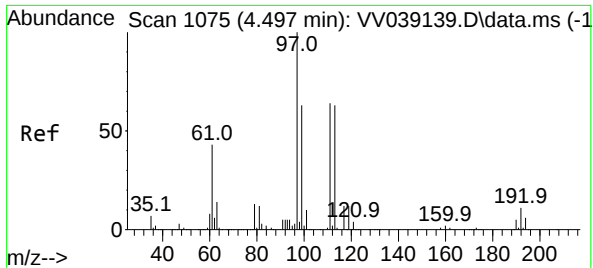
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.6

88 15.8 0.0 30.8

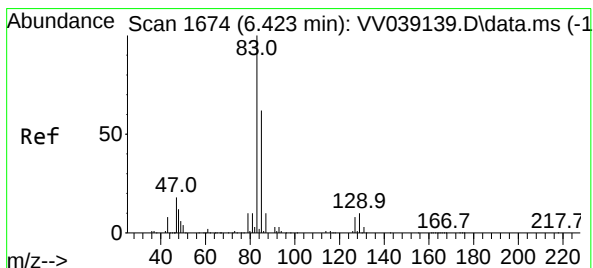
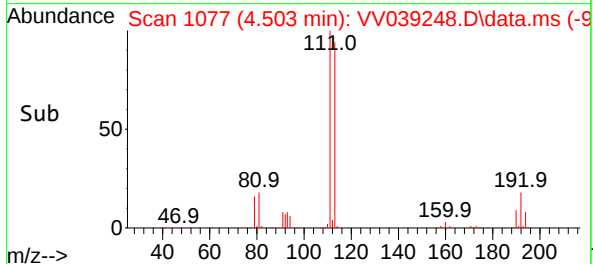
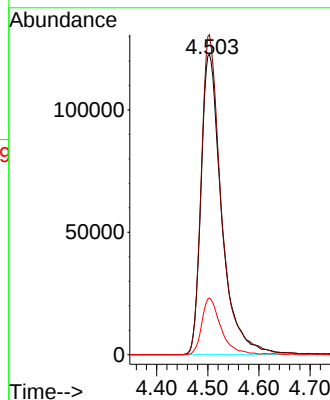
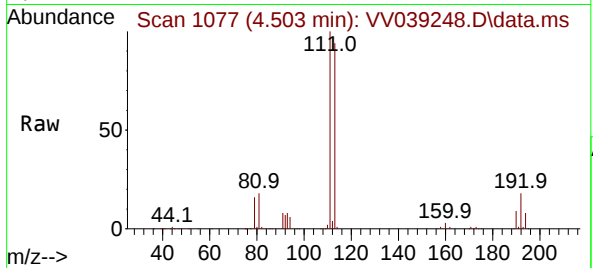




#35
 Dibromofluoromethane
 Concen: 48.126 ug/l
 RT: 4.503 min Scan# 1077
 Delta R.T. 0.006 min
 Lab File: VV039248.D
 Acq: 03 Oct 2025 14:42

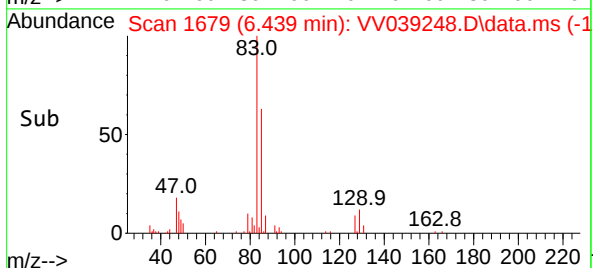
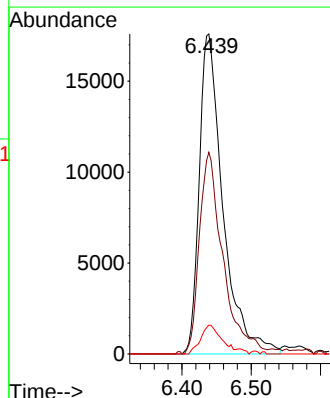
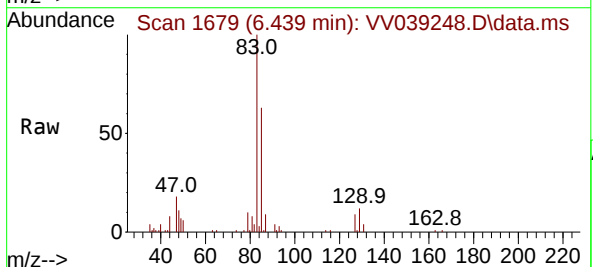
Instrument :
 MSVOA_V
 ClientSampleId :
 266380

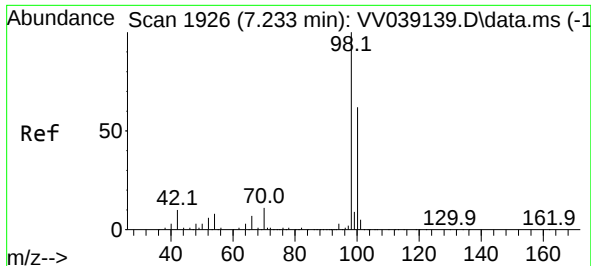
Tgt Ion:113 Resp: 342961
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.4 123.6
 192 17.6 13.8 20.8



#47
 Bromodichloromethane
 Concen: 3.030 ug/l
 RT: 6.439 min Scan# 1679
 Delta R.T. 0.016 min
 Lab File: VV039248.D
 Acq: 03 Oct 2025 14:42

Tgt Ion: 83 Resp: 41816
 Ion Ratio Lower Upper
 83 100
 85 62.3 49.7 74.5
 127 9.0 6.6 9.8

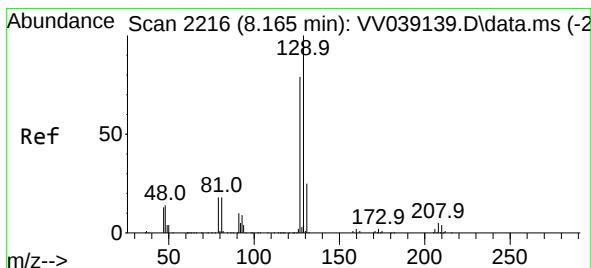
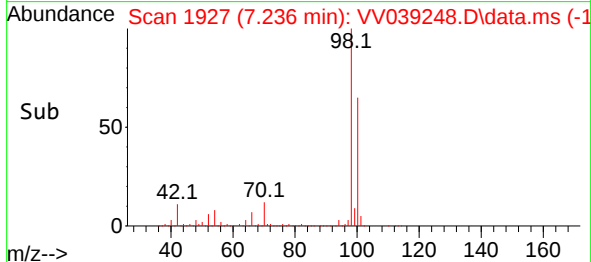
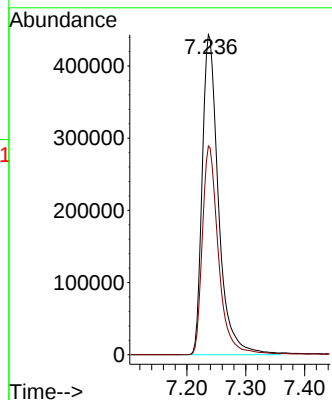
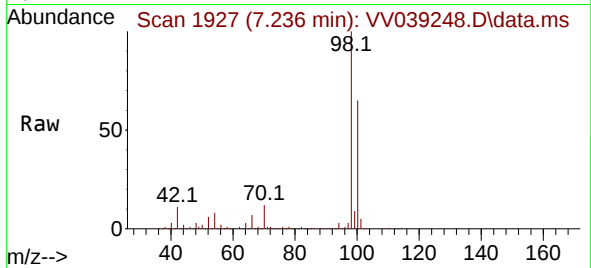




#50
Toluene-d8
Concen: 40.571 ug/l
RT: 7.236 min Scan# 1926
Delta R.T. 0.003 min
Lab File: VV039248.D
Acq: 03 Oct 2025 14:42

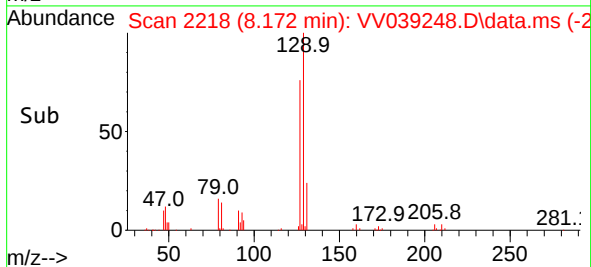
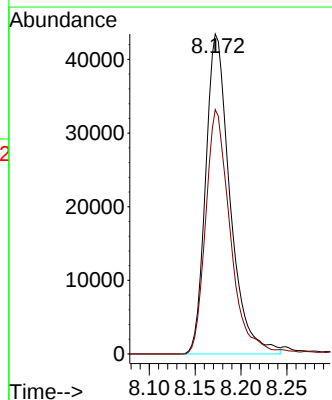
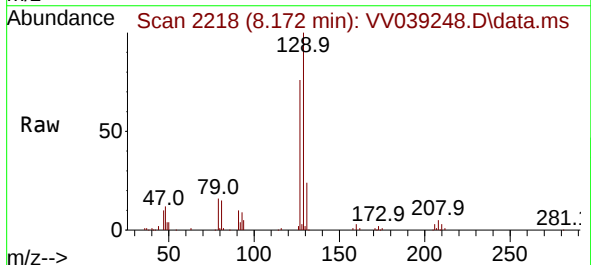
Instrument :
MSVOA_V
ClientSampleId :
266380

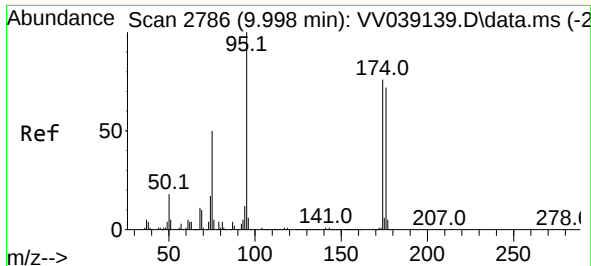
Tgt Ion: 98 Resp: 849141
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2



#60
Dibromochloromethane
Concen: 7.730 ug/l
RT: 8.172 min Scan# 2218
Delta R.T. 0.006 min
Lab File: VV039248.D
Acq: 03 Oct 2025 14:42

Tgt Ion: 129 Resp: 80342
Ion Ratio Lower Upper
129 100
127 77.3 39.3 117.9

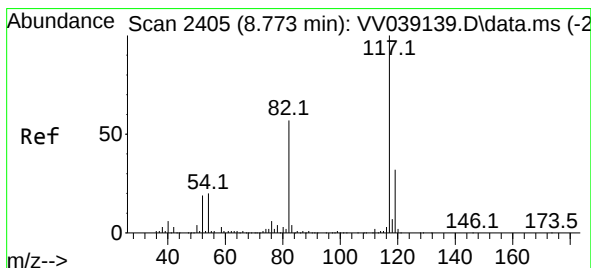
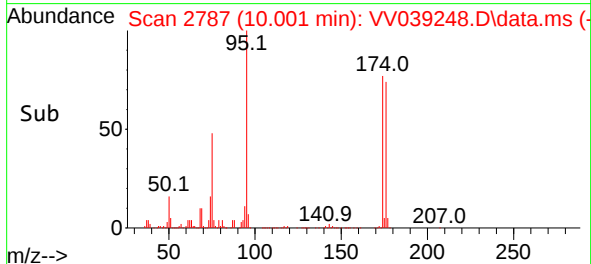
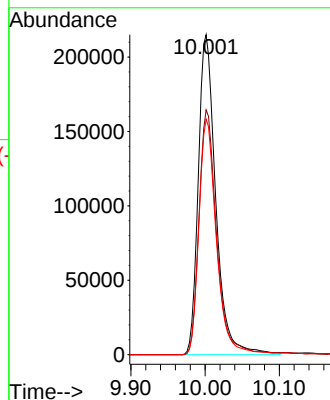
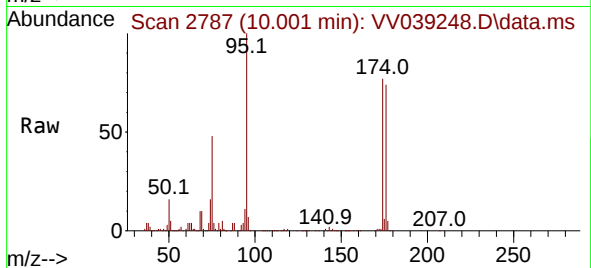




#62
4-Bromofluorobenzene
Concen: 40.918 ug/l
RT: 10.001 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039248.D
Acq: 03 Oct 2025 14:42

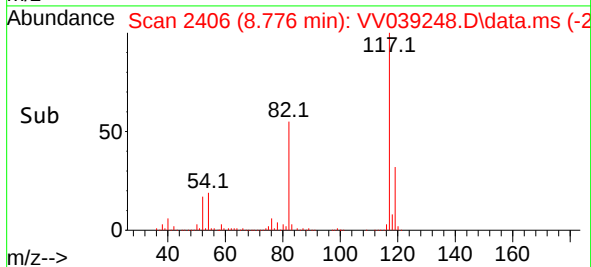
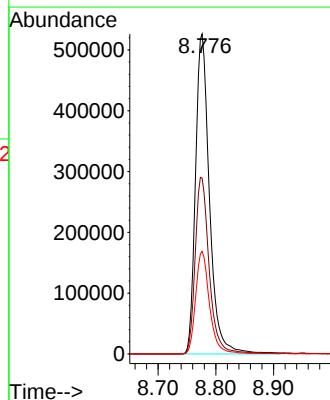
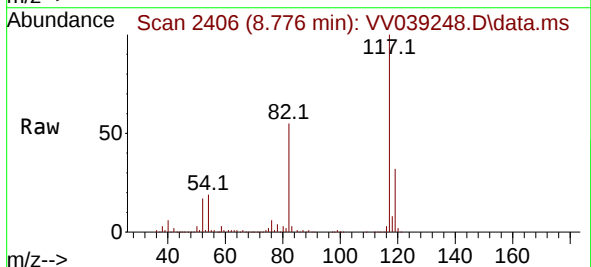
Instrument :
MSVOA_V
ClientSampleId :
266380

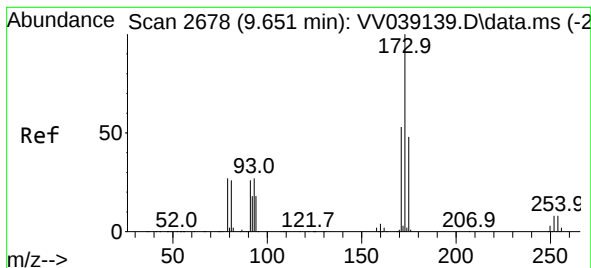
Tgt Ion: 95 Resp: 352556
Ion Ratio Lower Upper
95 100
174 77.1 0.0 150.4
176 73.5 0.0 144.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.003 min
Lab File: VV039248.D
Acq: 03 Oct 2025 14:42

Tgt Ion: 117 Resp: 887984
Ion Ratio Lower Upper
117 100
82 54.9 45.4 68.2
119 32.1 25.6 38.4





#71

Bromoform

Concen: 7.845 ug/l

RT: 9.657 min Scan# 2

Delta R.T. 0.006 min

Lab File: VV039248.D

Acq: 03 Oct 2025 14:42

Instrument :

MSVOA_V

ClientSampleId :

266380

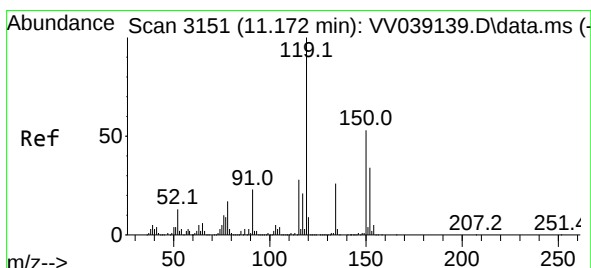
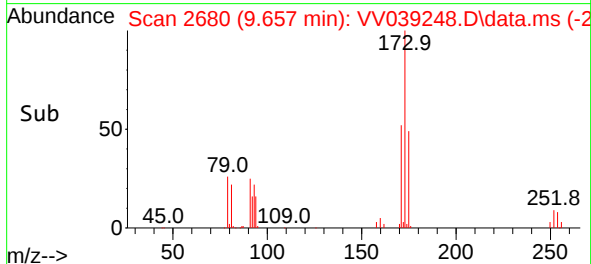
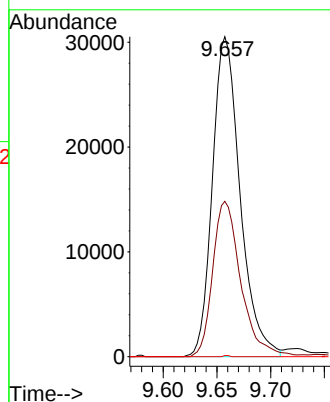
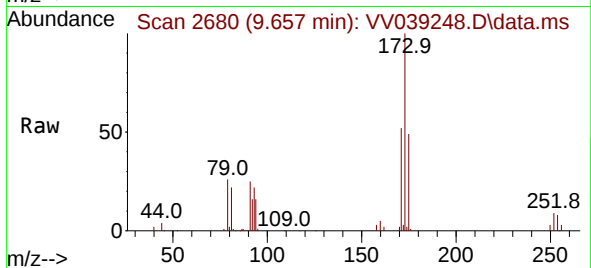
Tgt Ion:173 Resp: 54768

Ion Ratio Lower Upper

173 100

175 49.4 23.9 71.7

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. -0.000 min

Lab File: VV039248.D

Acq: 03 Oct 2025 14:42

Tgt Ion:152 Resp: 441054

Ion Ratio Lower Upper

152 100

115 62.1 44.8 134.4

150 158.5 0.0 353.8

