

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092625\
 Data File : VV039208.D
 Acq On : 26 Sep 2025 13:28
 Operator : SY/MD
 Sample : Q3195-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-6-091625

Quant Time: Sep 27 02:55:21 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)

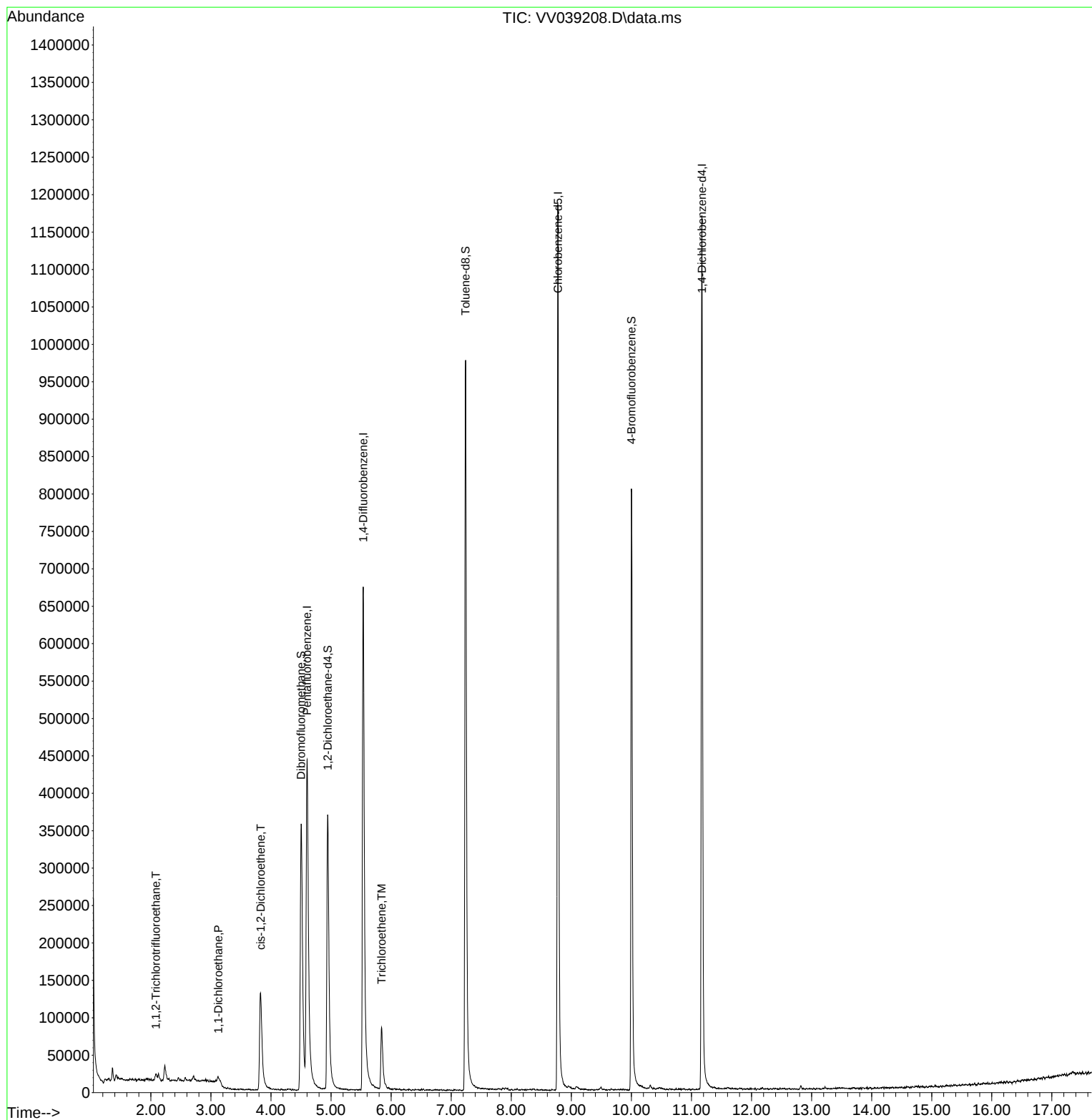
Internal Standards						
1) Pentafluorobenzene	4.600	168	374514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	660135	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	675751	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	313063	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	328194	60.549	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	121.100%#
35) Dibromofluoromethane	4.503	113	300201	56.567	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	113.140%
50) Toluene-d8	7.239	98	722235	46.337	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	92.680%
62) 4-Bromofluorobenzene	10.001	95	278949	43.473	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	86.940%
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	2.082	101	2535	0.432	ug/l	95
24) 1,1-Dichloroethane	3.124	63	7253	0.615	ug/l #	85
27) cis-1,2-Dichloroethene	3.828	96	79686	12.019	ug/l	88
44) Trichloroethene	5.844	130	36430	6.042	ug/l	99

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

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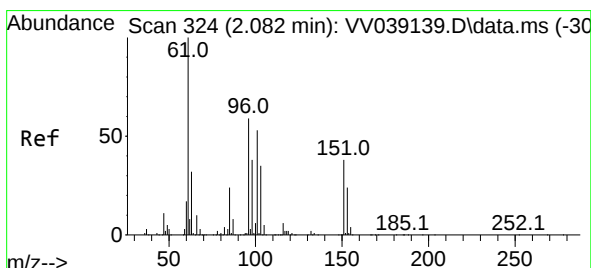
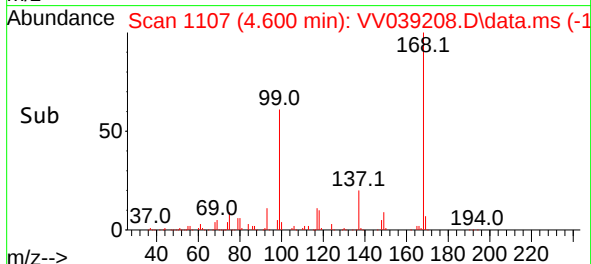
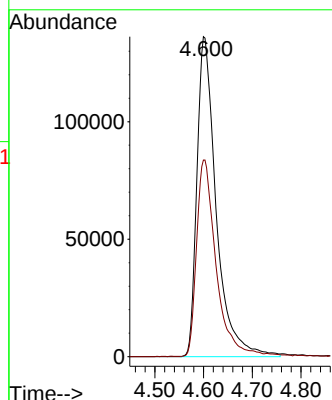
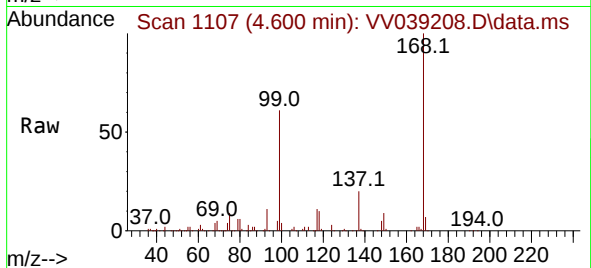




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1106
Delta R.T. 0.003 min
Lab File: VV039208.D
Acq: 26 Sep 2025 13:28

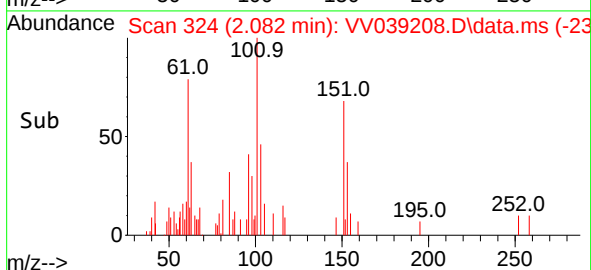
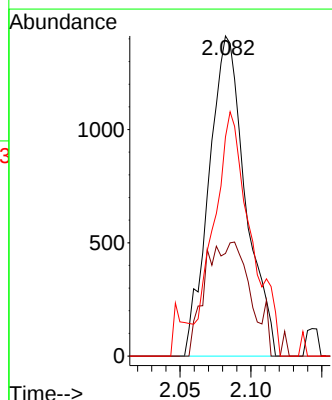
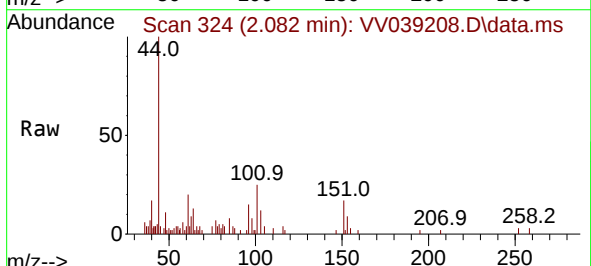
Instrument :
MSVOA_V
ClientSampleId :
MW-6-091625

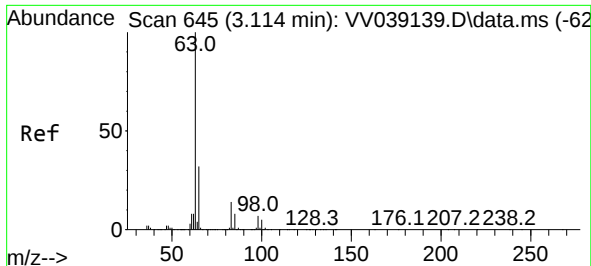
Tgt Ion:168 Resp: 374514
Ion Ratio Lower Upper
168 100
99 61.3 49.6 74.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.432 ug/l
RT: 2.082 min Scan# 324
Delta R.T. -0.000 min
Lab File: VV039208.D
Acq: 26 Sep 2025 13:28

Tgt Ion:101 Resp: 2535
Ion Ratio Lower Upper
101 100
85 44.0 36.2 54.2
151 76.7 56.3 84.5

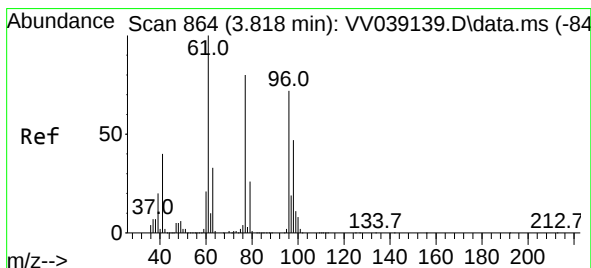
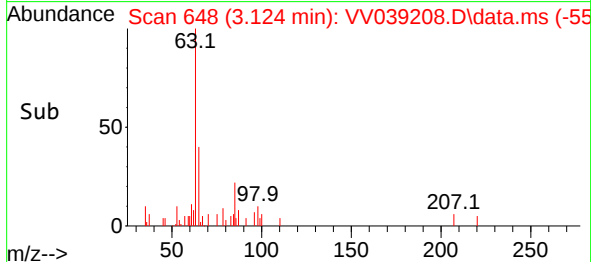
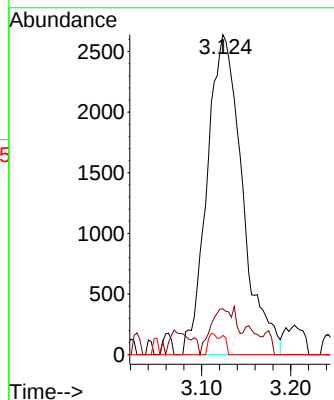
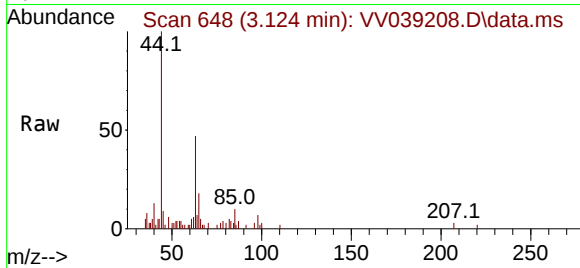




#24
1,1-Dichloroethane
Concen: 0.615 ug/l
RT: 3.124 min Scan# 645
Delta R.T. 0.010 min
Lab File: VV039208.D
Acq: 26 Sep 2025 13:28

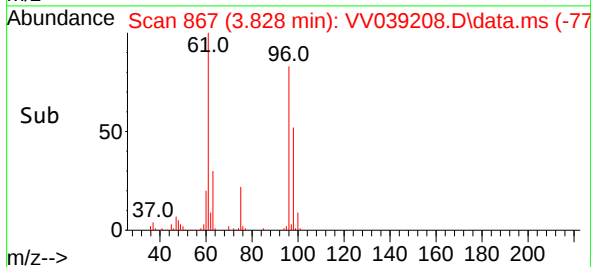
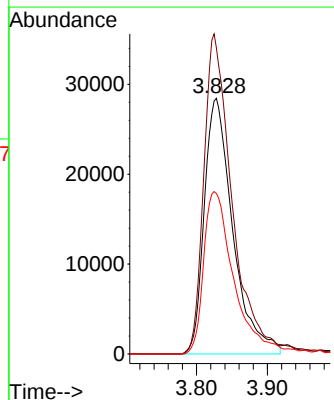
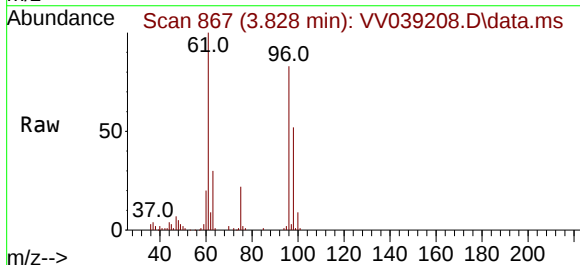
Instrument :
MSVOA_V
ClientSampleId :
MW-6-091625

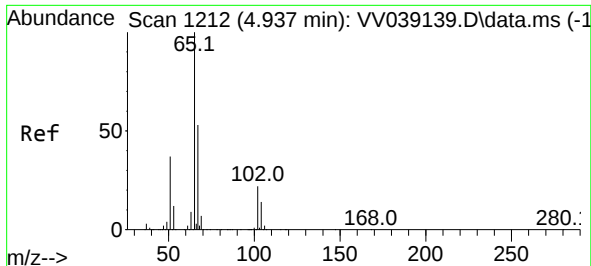
Tgt Ion: 63 Resp: 7253
Ion Ratio Lower Upper
63 100
98 14.3 3.4 10.2#
100 6.0 2.2 6.6



#27
cis-1,2-Dichloroethene
Concen: 12.019 ug/l
RT: 3.828 min Scan# 867
Delta R.T. 0.010 min
Lab File: VV039208.D
Acq: 26 Sep 2025 13:28

Tgt Ion: 96 Resp: 79686
Ion Ratio Lower Upper
96 100
61 124.9 0.0 286.4
98 67.1 0.0 126.6





#33

1,2-Dichloroethane-d4

Concen: 60.549 ug/l

RT: 4.944 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV039208.D

Acq: 26 Sep 2025 13:28

Instrument :

MSVOA_V

ClientSampleId :

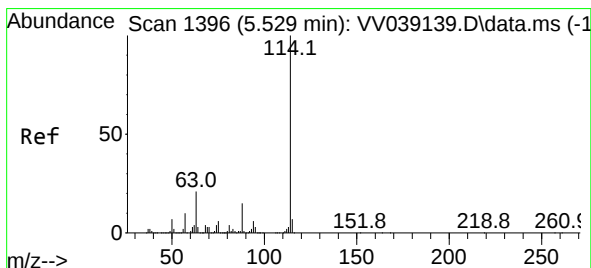
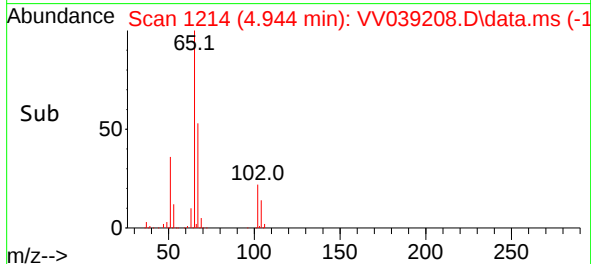
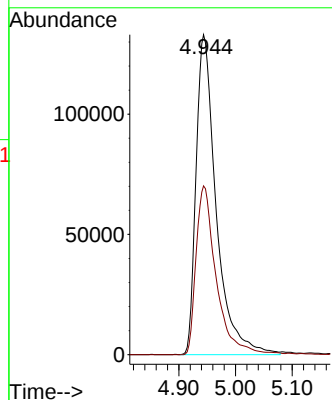
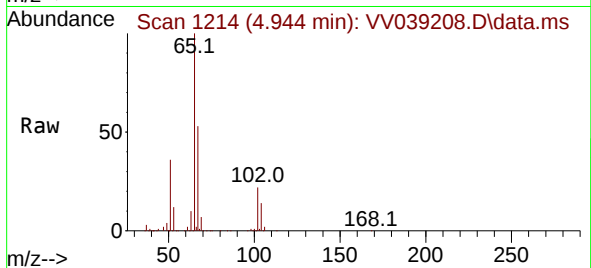
MW-6-091625

Tgt Ion: 65 Resp: 328194

Ion Ratio Lower Upper

65 100

67 52.5 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: VV039208.D

Acq: 26 Sep 2025 13:28

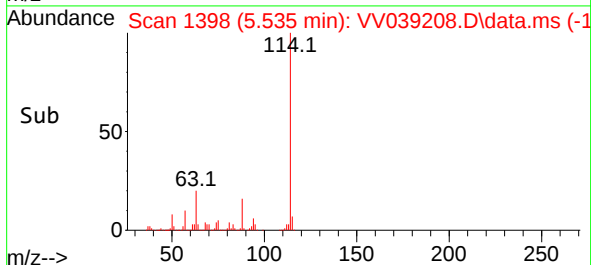
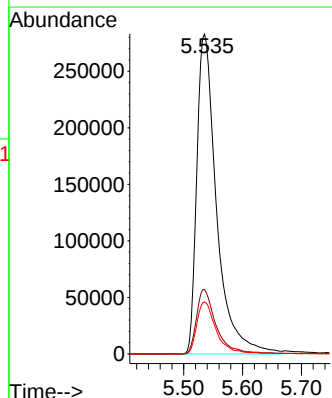
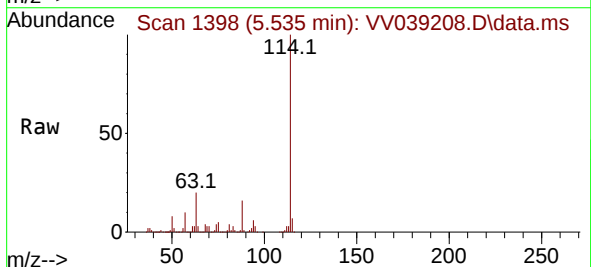
Tgt Ion: 114 Resp: 660135

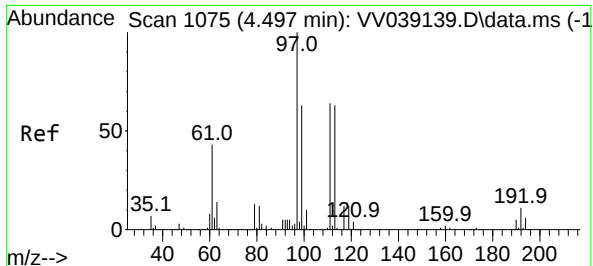
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.6

88 16.3 0.0 30.8

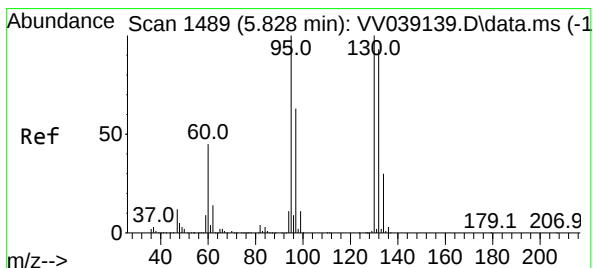
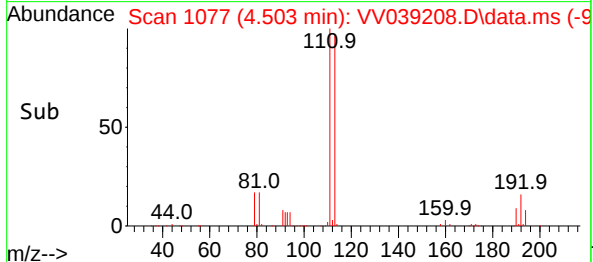
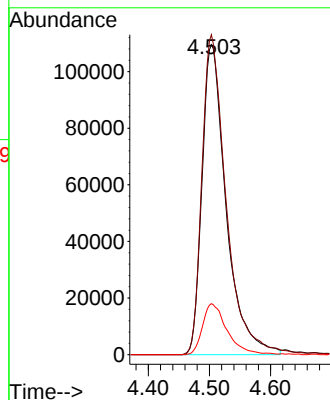
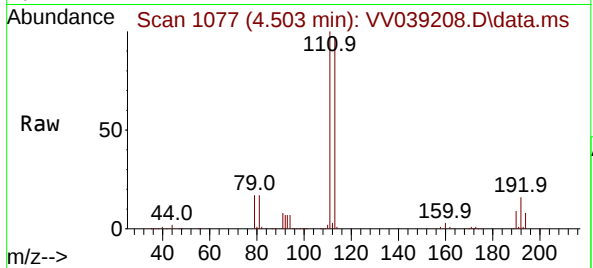




#35
Dibromofluoromethane
Concen: 56.567 ug/l
RT: 4.503 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VV039208.D
Acq: 26 Sep 2025 13:28

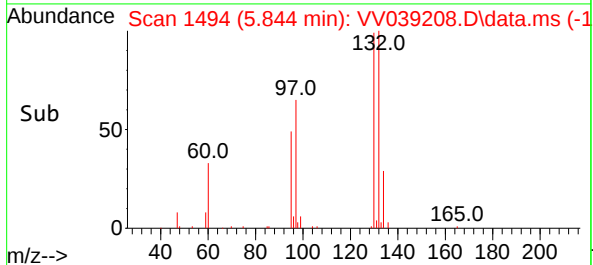
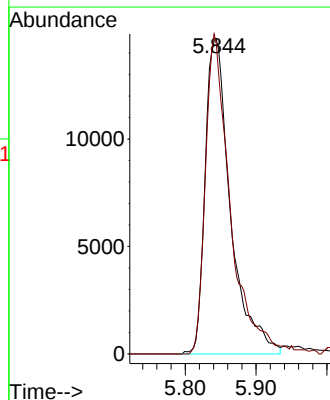
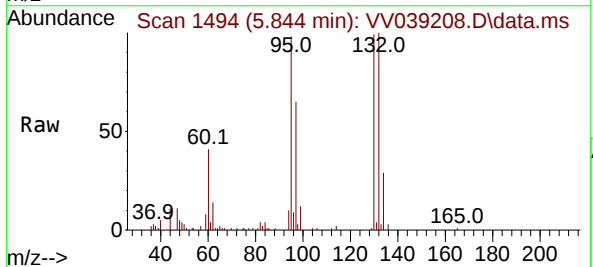
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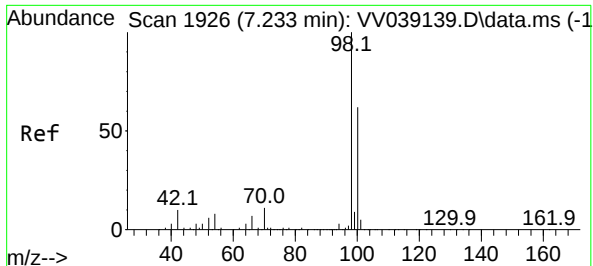
Tgt Ion:113 Resp: 300201
Ion Ratio Lower Upper
113 100
111 103.9 82.4 123.6
192 16.8 13.8 20.8



#44
Trichloroethene
Concen: 6.042 ug/l
RT: 5.844 min Scan# 1494
Delta R.T. 0.016 min
Lab File: VV039208.D
Acq: 26 Sep 2025 13:28

Tgt Ion:130 Resp: 36430
Ion Ratio Lower Upper
130 100
95 98.5 0.0 199.2





#50

Toluene-d8

Concen: 46.337 ug/l

RT: 7.239 min Scan# 1926

Delta R.T. 0.006 min

Lab File: VV039208.D

Acq: 26 Sep 2025 13:28

Instrument :

MSVOA_V

ClientSampleId :

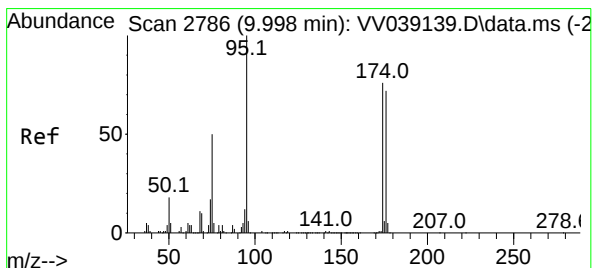
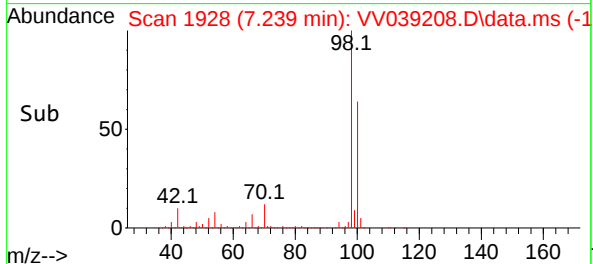
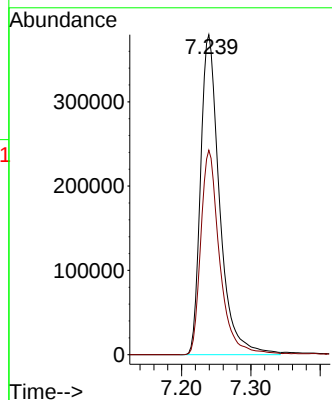
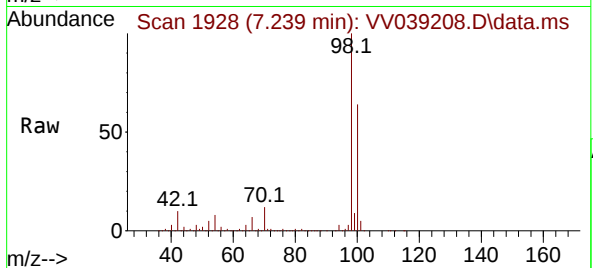
MW-6-091625

Tgt Ion: 98 Resp: 722235

Ion Ratio Lower Upper

98 100

100 63.8 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 43.473 ug/l

RT: 10.001 min Scan# 2787

Delta R.T. 0.003 min

Lab File: VV039208.D

Acq: 26 Sep 2025 13:28

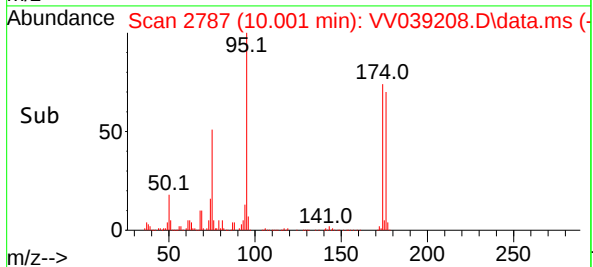
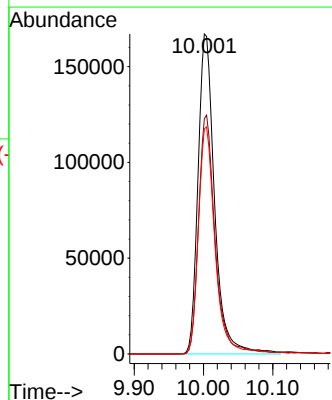
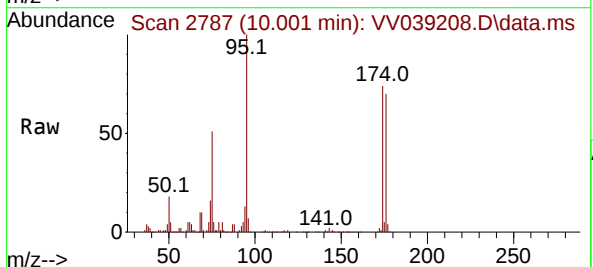
Tgt Ion: 95 Resp: 278949

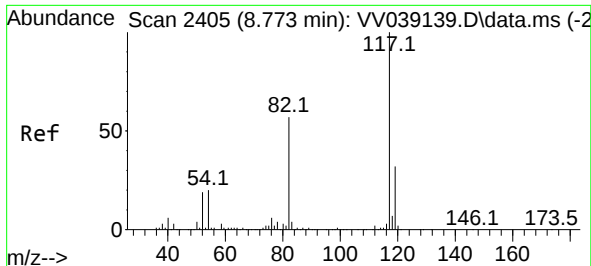
Ion Ratio Lower Upper

95 100

174 74.6 0.0 150.4

176 71.2 0.0 144.2

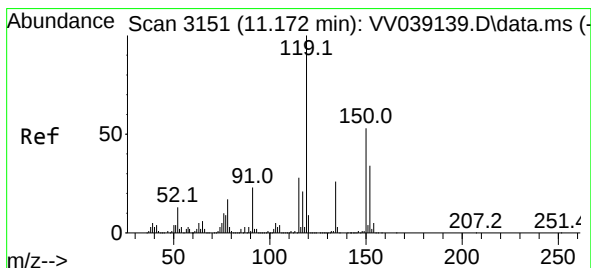
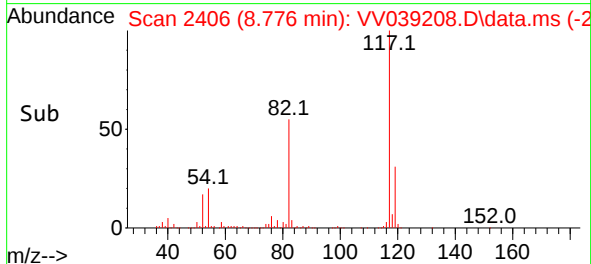
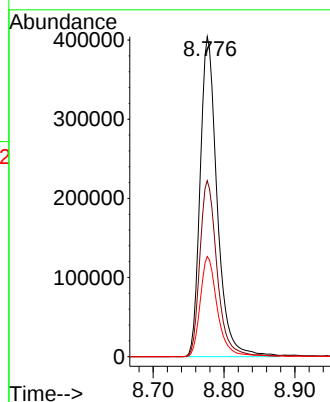
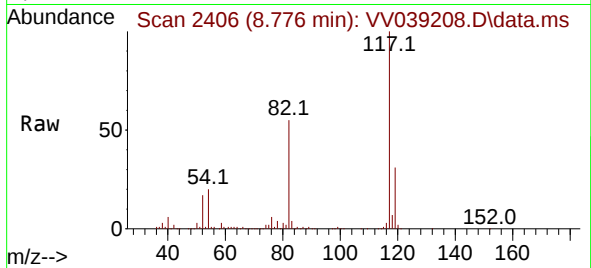




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV039208.D
Acq: 26 Sep 2025 13:28

Instrument :
MSVOA_V
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Tgt Ion:117 Resp: 675751
Ion Ratio Lower Upper
117 100
82 55.0 45.4 68.2
119 31.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV039208.D
Acq: 26 Sep 2025 13:28

Tgt Ion:152 Resp: 313063
Ion Ratio Lower Upper
152 100
115 62.4 44.8 134.4
150 157.7 0.0 353.8

