

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092625\
 Data File : VV039211.D
 Acq On : 26 Sep 2025 14:36
 Operator : SY/MD
 Sample : Q3195-08
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-21M-091925

Quant Time: Sep 27 02:56:54 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)

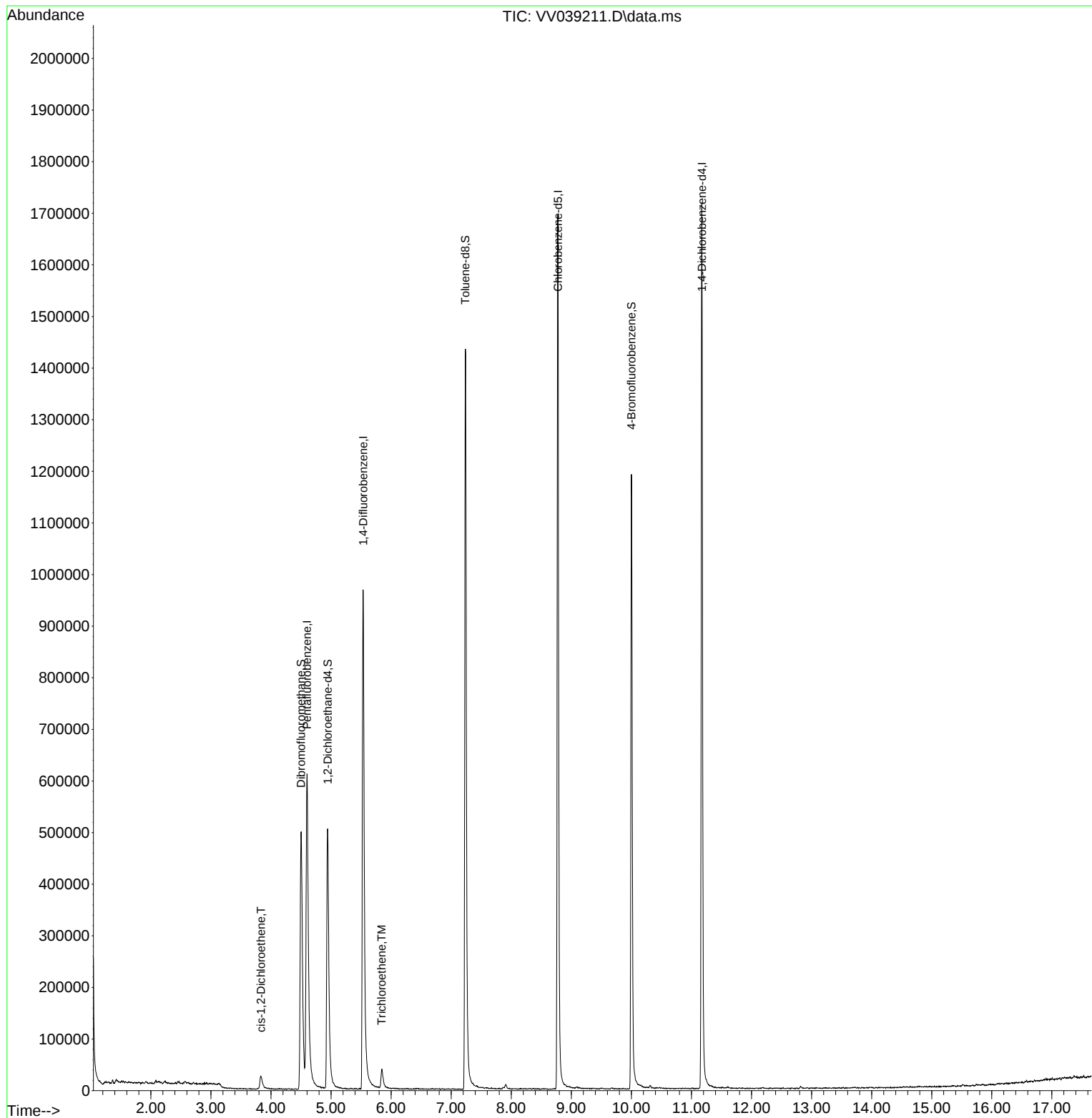
Internal Standards						
1) Pentafluorobenzene	4.600	168	513487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	944501	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	957014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	451121	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	452207	60.849	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	121.700%#
35) Dibromofluoromethane	4.500	113	418436	55.108	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	110.220%
50) Toluene-d8	7.236	98	1055705	47.339	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	94.680%
62) 4-Bromofluorobenzene	10.001	95	402477	43.840	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	87.680%
Target Compounds						
27) cis-1,2-Dichloroethene	3.834	96	16420	1.806	ug/l	82
44) Trichloroethene	5.844	130	17696	2.051	ug/l	85

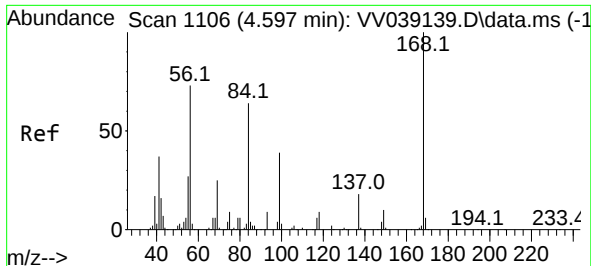
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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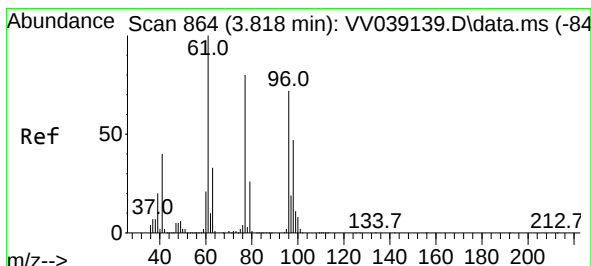
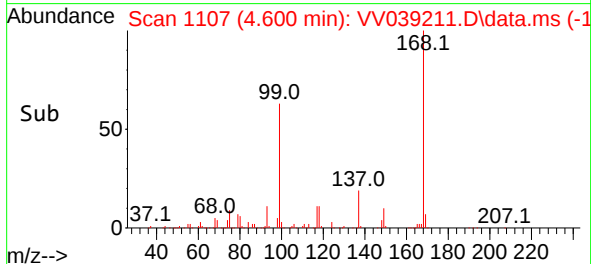
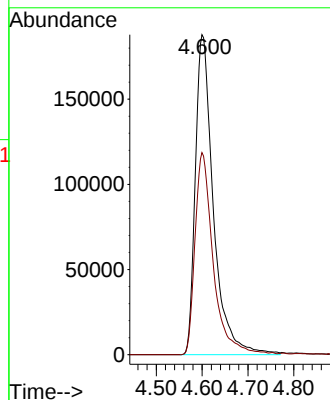
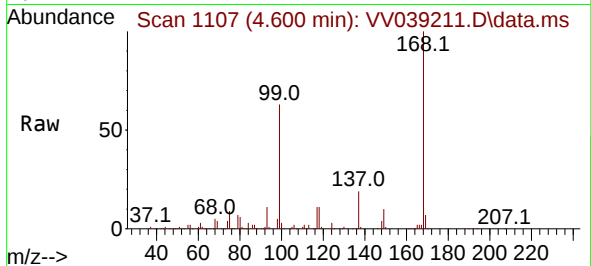




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1106
Delta R.T. 0.003 min
Lab File: VV039211.D
Acq: 26 Sep 2025 14:36

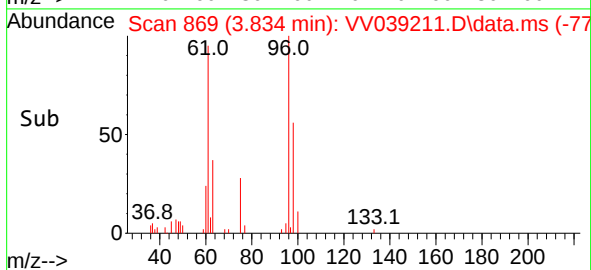
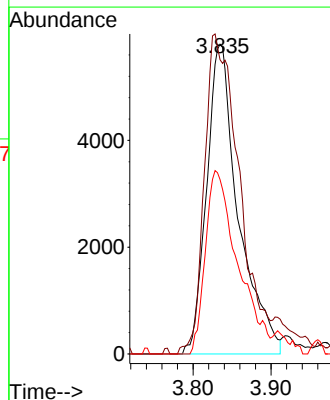
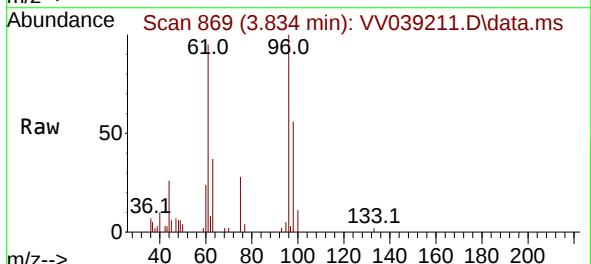
Instrument :
MSVOA_V
ClientSampleId :
MW-21M-091925

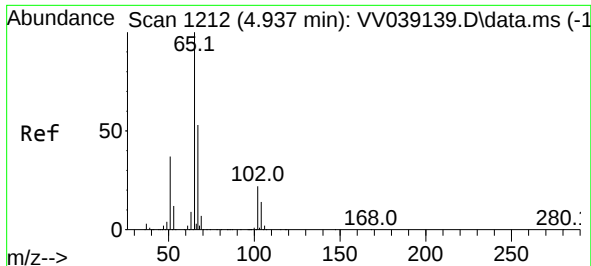
Tgt Ion:168 Resp: 513487
Ion Ratio Lower Upper
168 100
99 63.1 49.6 74.4



#27
cis-1,2-Dichloroethene
Concen: 1.806 ug/l
RT: 3.834 min Scan# 869
Delta R.T. 0.016 min
Lab File: VV039211.D
Acq: 26 Sep 2025 14:36

Tgt Ion: 96 Resp: 16420
Ion Ratio Lower Upper
96 100
61 112.9 0.0 286.4
98 60.5 0.0 126.6





#33

1,2-Dichloroethane-d4

Concen: 60.849 ug/l

RT: 4.944 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV039211.D

Acq: 26 Sep 2025 14:36

Instrument :

MSVOA_V

ClientSampleId :

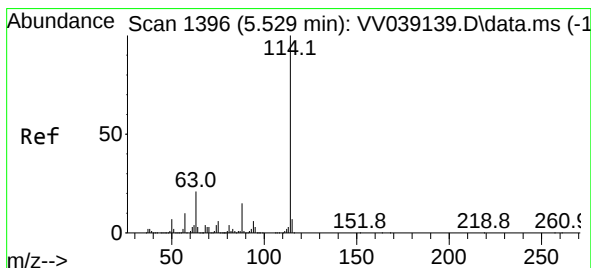
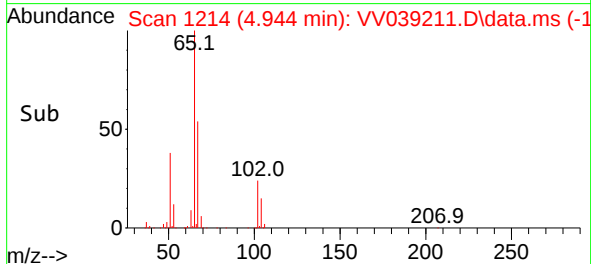
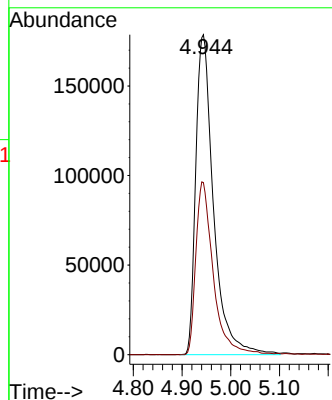
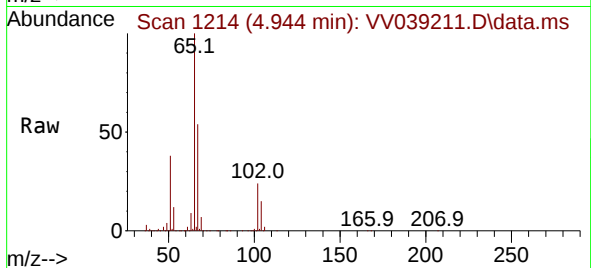
MW-21M-091925

Tgt Ion: 65 Resp: 452207

Ion Ratio Lower Upper

65 100

67 53.0 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: VV039211.D

Acq: 26 Sep 2025 14:36

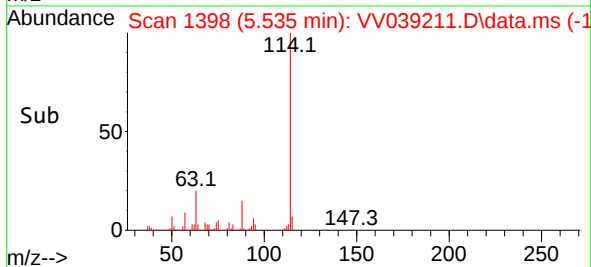
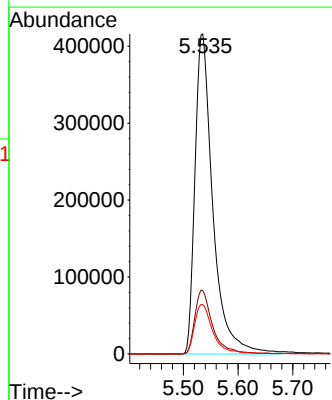
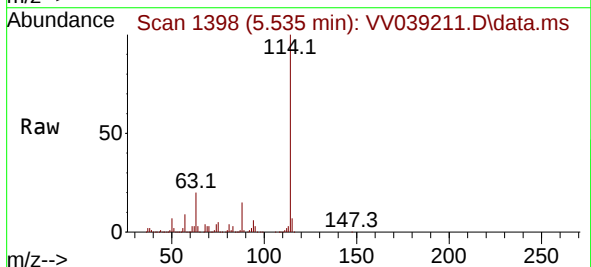
Tgt Ion: 114 Resp: 944501

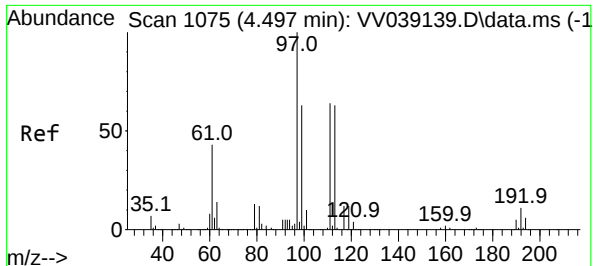
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.6

88 15.4 0.0 30.8

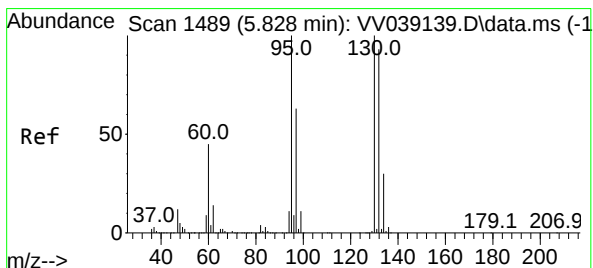
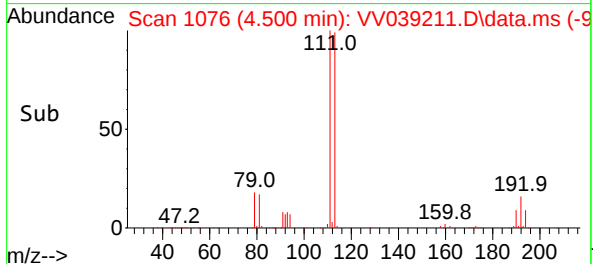
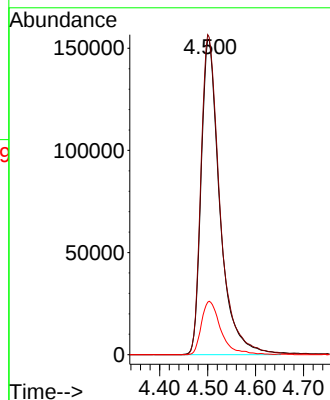
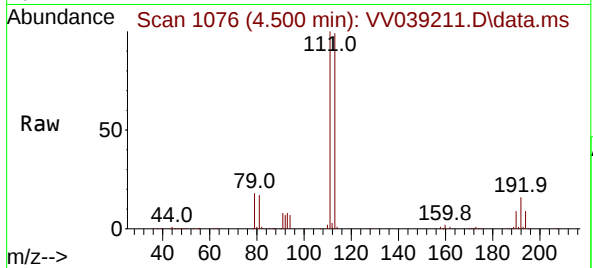




#35
Dibromofluoromethane
Concen: 55.108 ug/l
RT: 4.500 min Scan# 1075
Delta R.T. 0.003 min
Lab File: VV039211.D
Acq: 26 Sep 2025 14:36

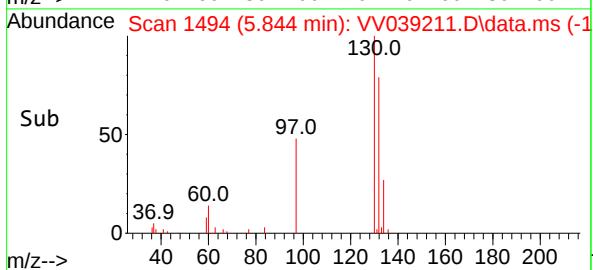
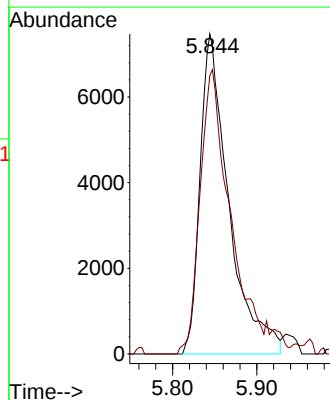
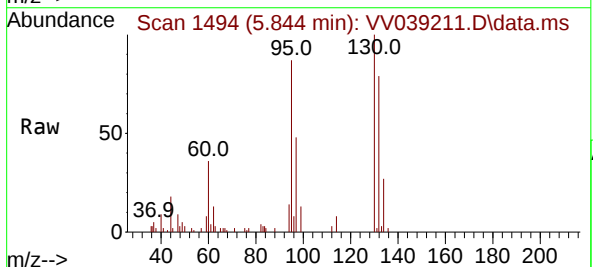
Instrument :
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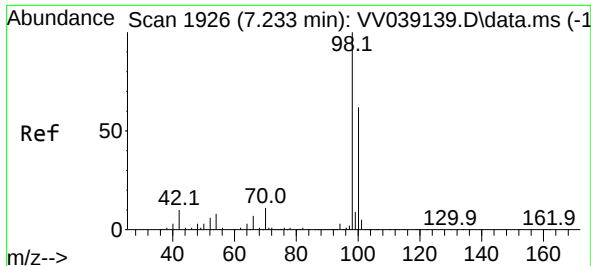
Tgt Ion:113 Resp: 418436
Ion Ratio Lower Upper
113 100
111 103.0 82.4 123.6
192 17.6 13.8 20.8



#44
Trichloroethene
Concen: 2.051 ug/l
RT: 5.844 min Scan# 1494
Delta R.T. 0.016 min
Lab File: VV039211.D
Acq: 26 Sep 2025 14:36

Tgt Ion:130 Resp: 17696
Ion Ratio Lower Upper
130 100
95 85.0 0.0 199.2

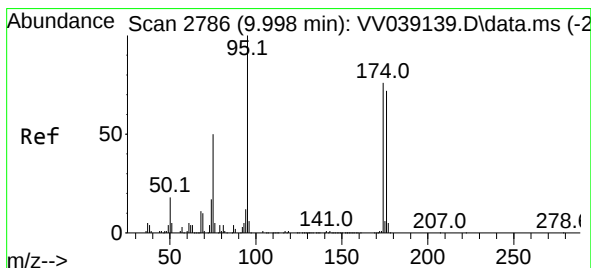
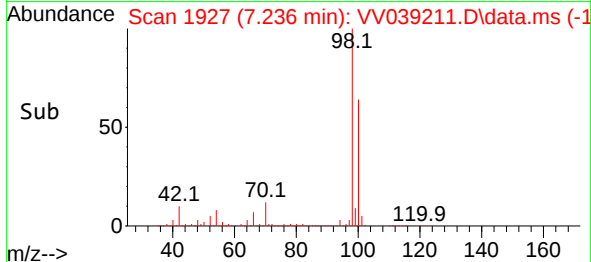
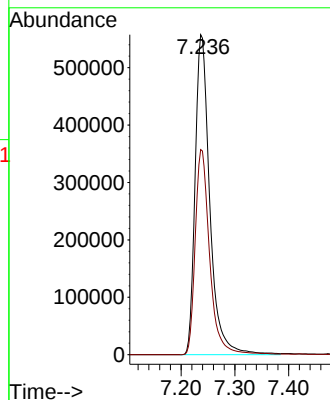
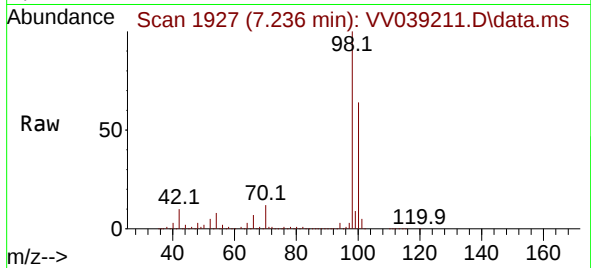




#50
Toluene-d8
Concen: 47.339 ug/l
RT: 7.236 min Scan# 1926
Delta R.T. 0.003 min
Lab File: VV039211.D
Acq: 26 Sep 2025 14:36

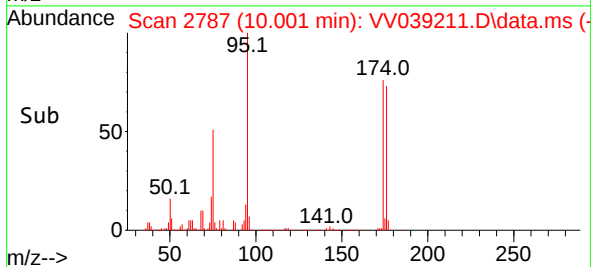
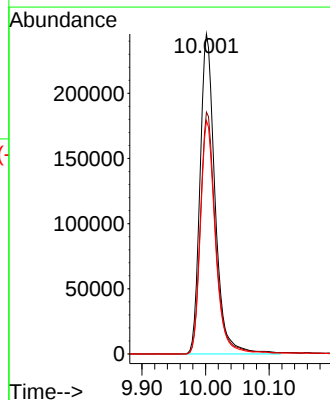
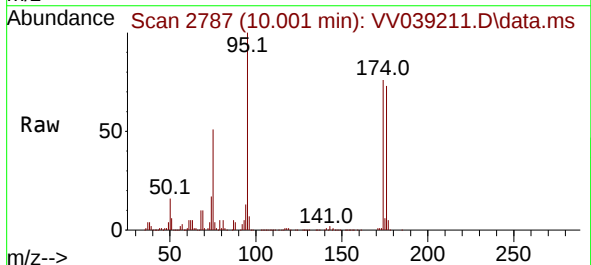
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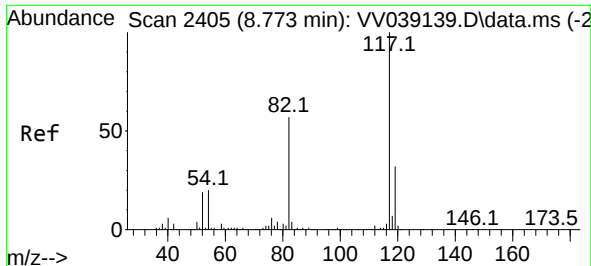
Tgt Ion: 98 Resp: 1055705
Ion Ratio Lower Upper
98 100
100 63.0 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 43.840 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039211.D
Acq: 26 Sep 2025 14:36

Tgt Ion: 95 Resp: 402477
Ion Ratio Lower Upper
95 100
174 76.5 0.0 150.4
176 72.7 0.0 144.2

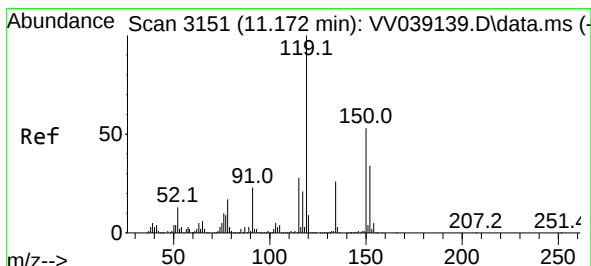
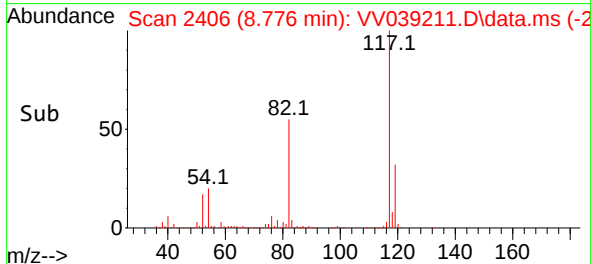
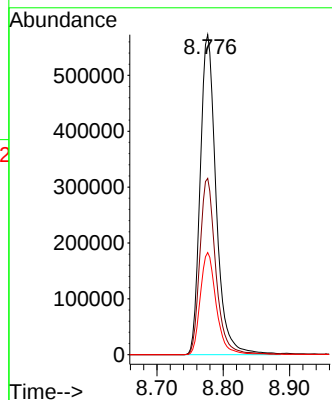
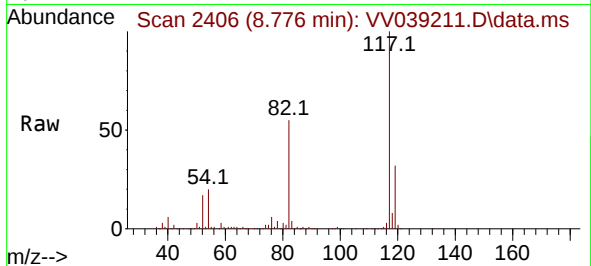




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV039211.D
Acq: 26 Sep 2025 14:36

Instrument :
MSVOA_V
ClientSampleId :
MW-21M-091925

Tgt Ion:117 Resp: 957014
Ion Ratio Lower Upper
117 100
82 55.1 45.4 68.2
119 31.9 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: VV039211.D
Acq: 26 Sep 2025 14:36

Tgt Ion:152 Resp: 451121
Ion Ratio Lower Upper
152 100
115 62.2 44.8 134.4
150 158.8 0.0 353.8

