

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092625\
 Data File : VV039205.D
 Acq On : 26 Sep 2025 12:21
 Operator : SY/MD
 Sample : Q3195-04 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-4-091625

Quant Time: Sep 27 02:53:42 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)

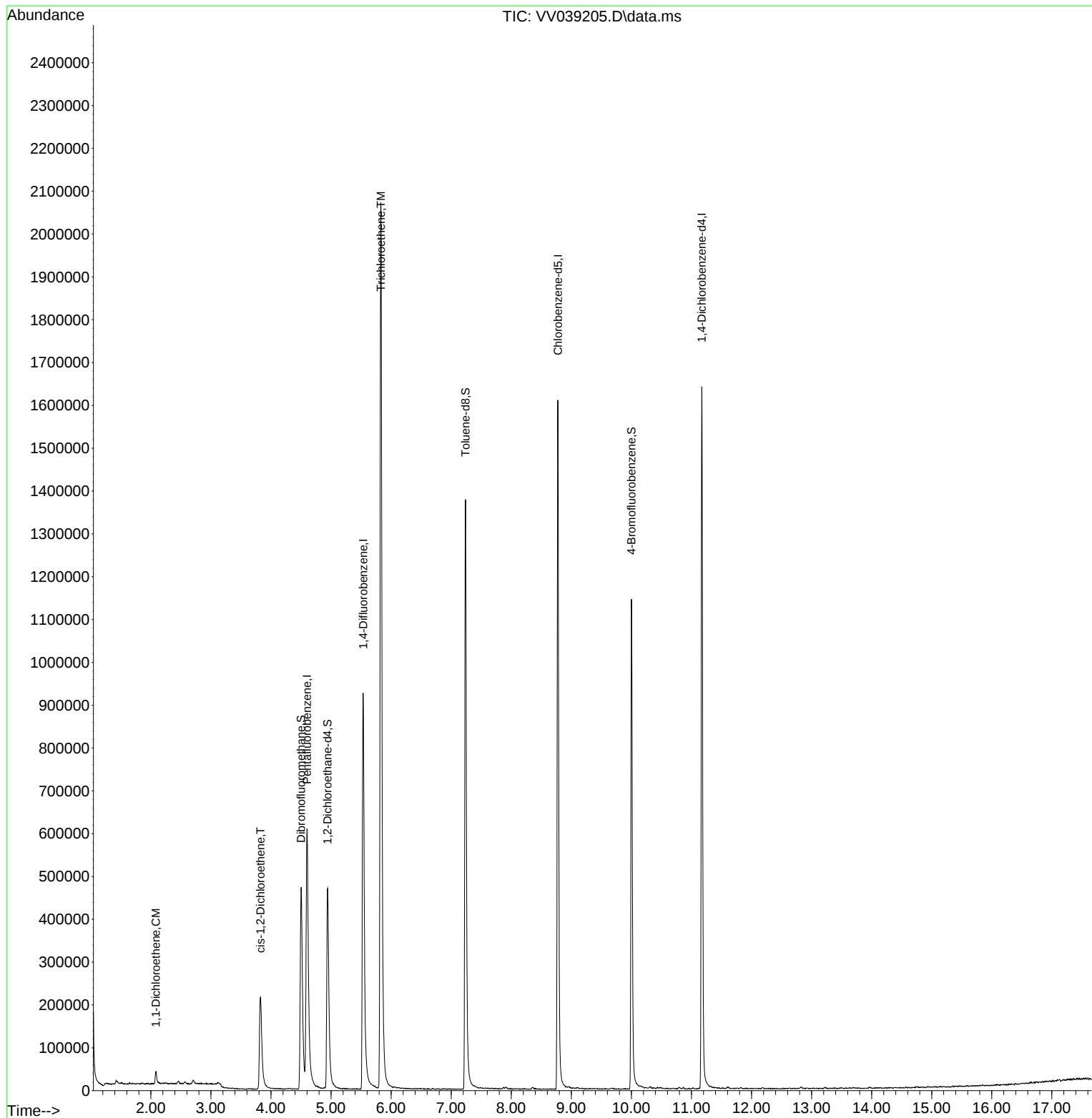
Internal Standards						
1) Pentafluorobenzene	4.600	168	513652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	924164	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	911885	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	438479	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	416085	55.970	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	111.940%
35) Dibromofluoromethane	4.503	113	392713	52.858	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	105.720%
50) Toluene-d8	7.239	98	1008875	46.235	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	92.460%
62) 4-Bromofluorobenzene	10.001	95	396215	44.107	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	88.220%
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	2.082	96	11345	1.465	ug/l	96
27) cis-1,2-Dichloroethene	3.825	96	144878	15.933	ug/l	87
44) Trichloroethene	5.831	130	804569	95.322	ug/l	99

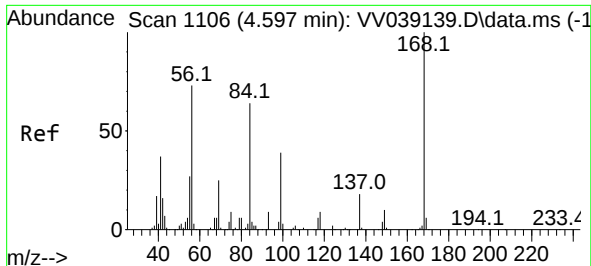
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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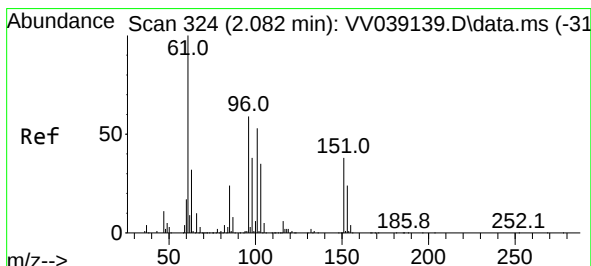
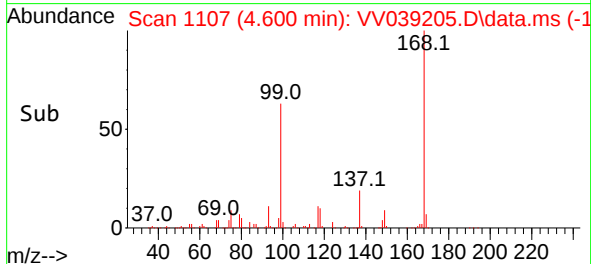
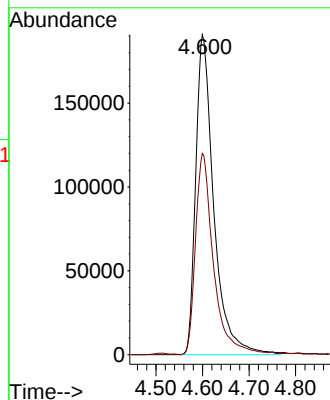
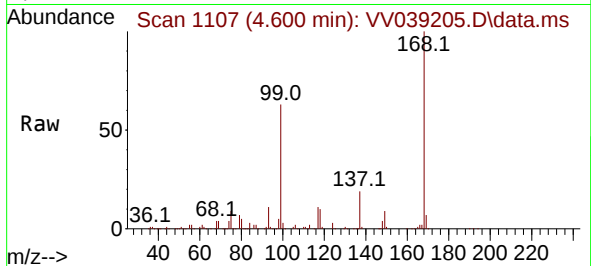




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1106
Delta R.T. 0.003 min
Lab File: VV039205.D
Acq: 26 Sep 2025 12:21

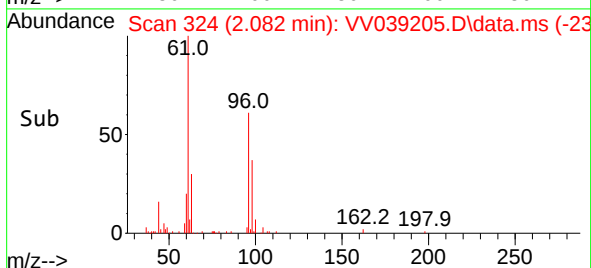
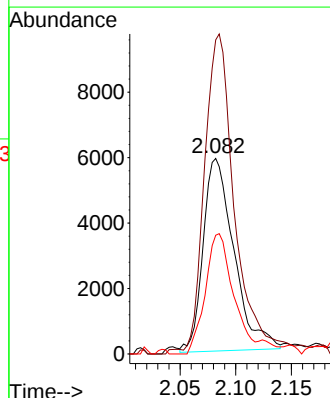
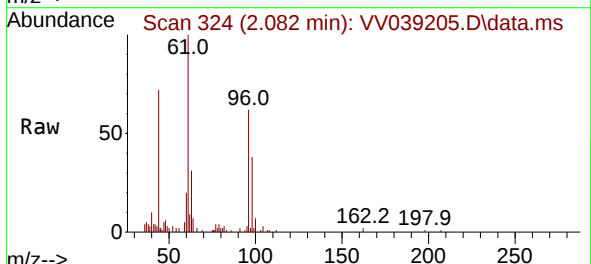
Instrument :
MSVOA_V
ClientSampleId :
MW-4-091625

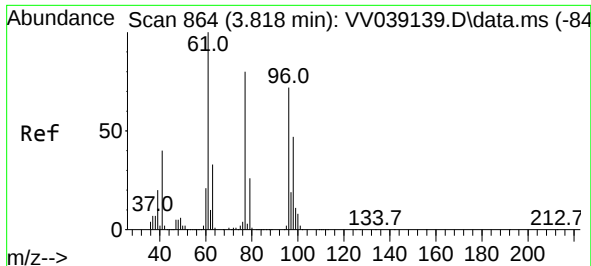
Tgt Ion:168 Resp: 513652
Ion Ratio Lower Upper
168 100
99 62.8 49.6 74.4



#12
1,1-Dichloroethene
Concen: 1.465 ug/l
RT: 2.082 min Scan# 324
Delta R.T. -0.000 min
Lab File: VV039205.D
Acq: 26 Sep 2025 12:21

Tgt Ion: 96 Resp: 11345
Ion Ratio Lower Upper
96 100
61 162.8 136.0 204.0
98 62.4 51.0 76.6





#27

cis-1,2-Dichloroethene

Concen: 15.933 ug/l

RT: 3.825 min Scan# 866

Delta R.T. 0.006 min

Lab File: VV039205.D

Acq: 26 Sep 2025 12:21

Instrument :

MSVOA_V

ClientSampleId :

MW-4-091625

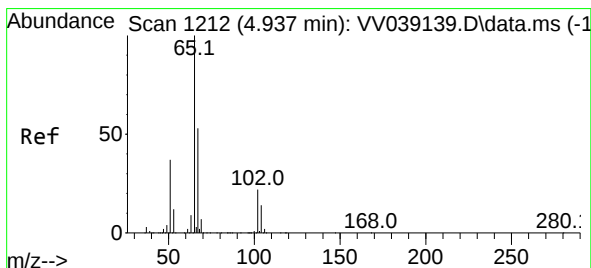
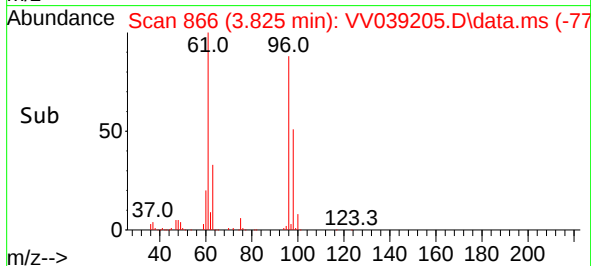
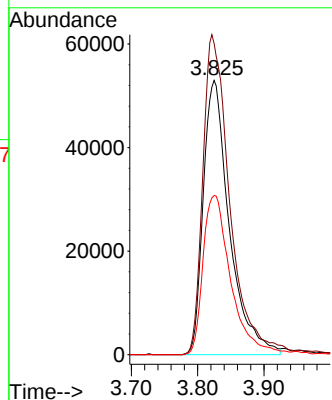
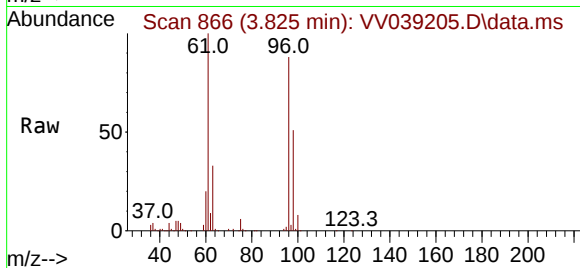
Tgt Ion: 96 Resp: 144878

Ion Ratio Lower Upper

96 100

61 120.7 0.0 286.4

98 61.8 0.0 126.6



#33

1,2-Dichloroethane-d4

Concen: 55.970 ug/l

RT: 4.940 min Scan# 1213

Delta R.T. 0.003 min

Lab File: VV039205.D

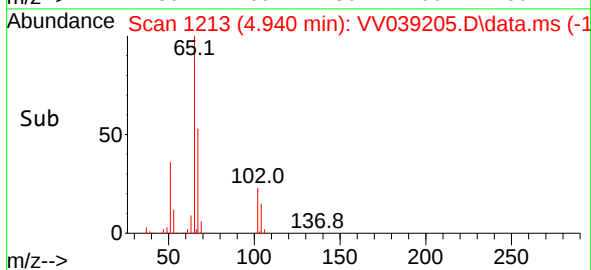
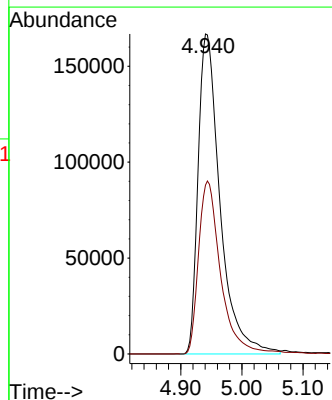
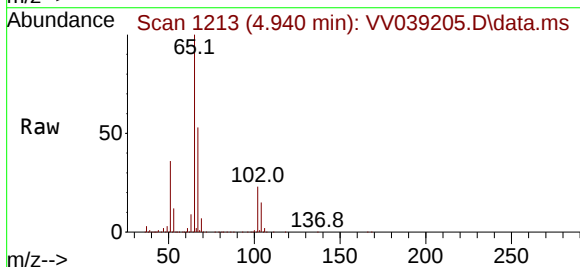
Acq: 26 Sep 2025 12:21

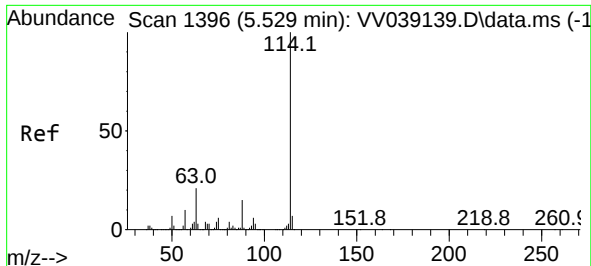
Tgt Ion: 65 Resp: 416085

Ion Ratio Lower Upper

65 100

67 54.5 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.535 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV039205.D

Acq: 26 Sep 2025 12:21

Instrument :

MSVOA_V

ClientSampleId :

MW-4-091625

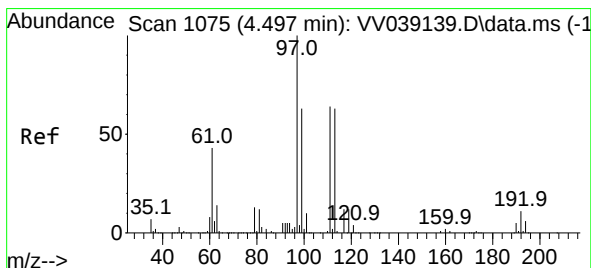
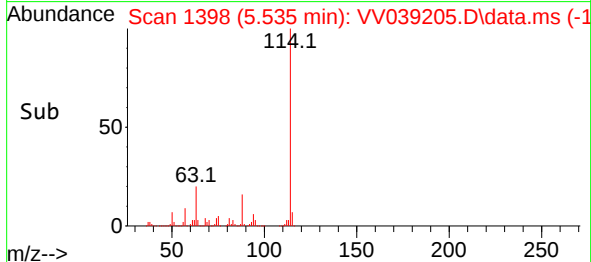
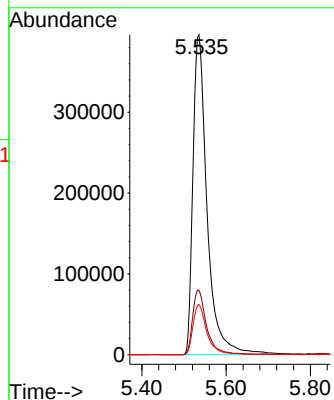
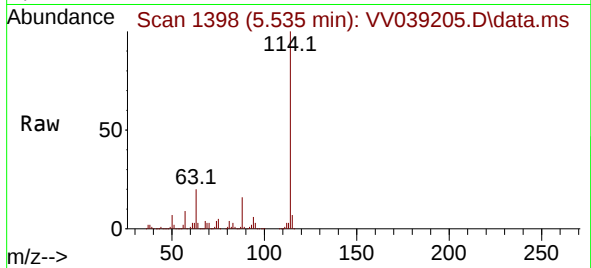
Tgt Ion:114 Resp: 924164

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.6

88 15.7 0.0 30.8



#35

Dibromofluoromethane

Concen: 52.858 ug/l

RT: 4.503 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VV039205.D

Acq: 26 Sep 2025 12:21

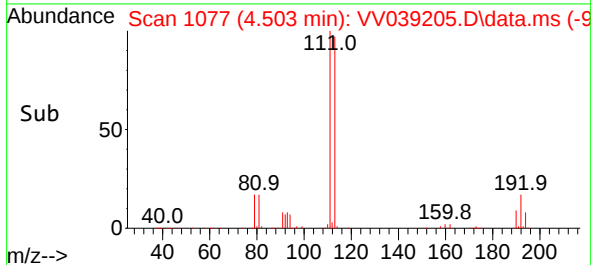
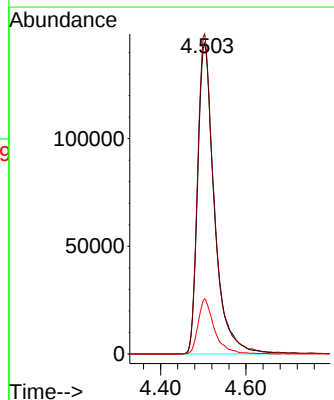
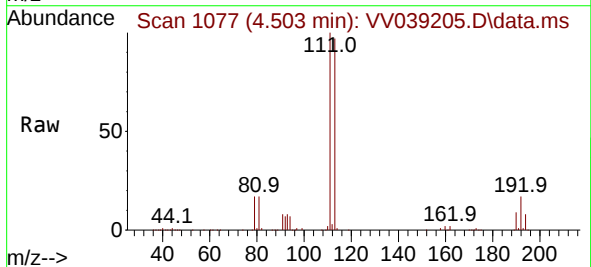
Tgt Ion:113 Resp: 392713

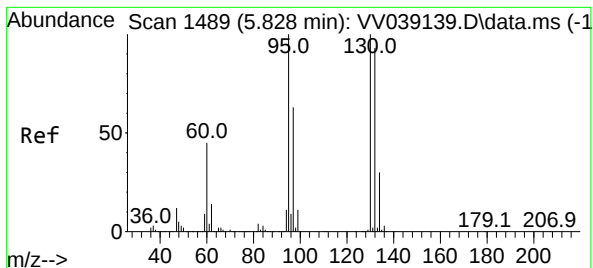
Ion Ratio Lower Upper

113 100

111 101.8 82.4 123.6

192 17.1 13.8 20.8





#44

Trichloroethene

Concen: 95.322 ug/l

RT: 5.831 min Scan# 14

Delta R.T. 0.003 min

Lab File: VV039205.D

Acq: 26 Sep 2025 12:21

Instrument :

MSVOA_V

ClientSampleId :

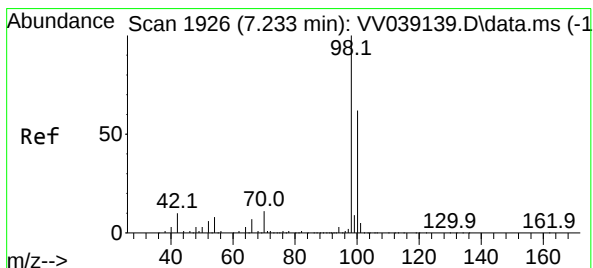
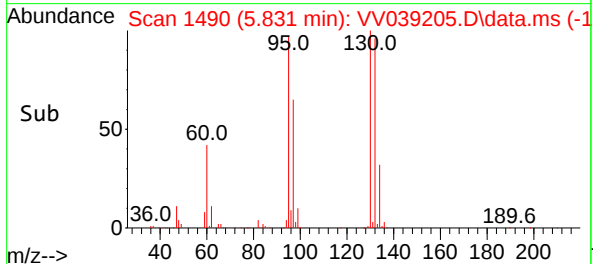
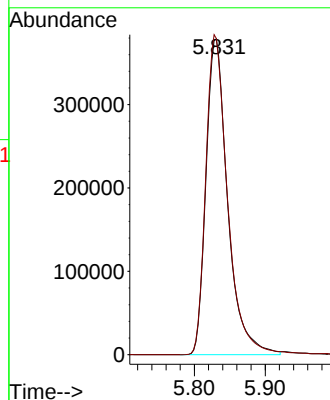
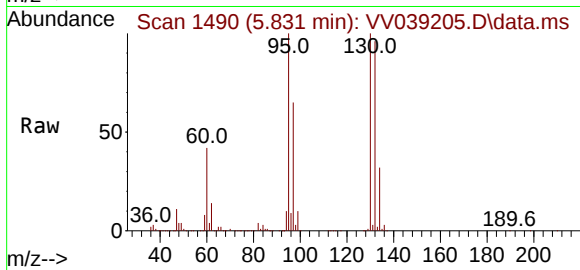
MW-4-091625

Tgt Ion:130 Resp: 804569

Ion Ratio Lower Upper

130 100

95 100.1 0.0 199.2



#50

Toluene-d8

Concen: 46.235 ug/l

RT: 7.239 min Scan# 1928

Delta R.T. 0.006 min

Lab File: VV039205.D

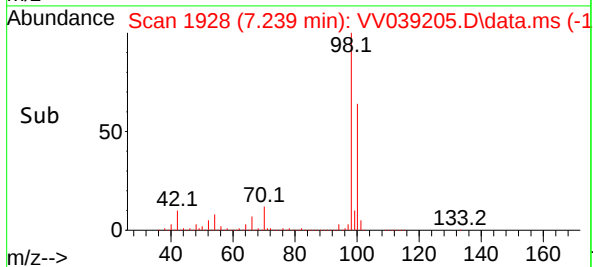
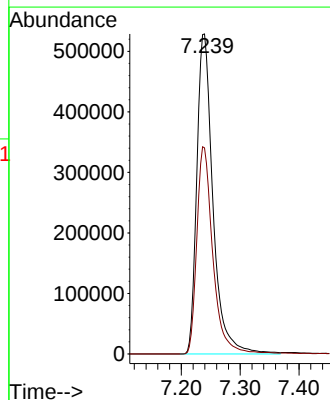
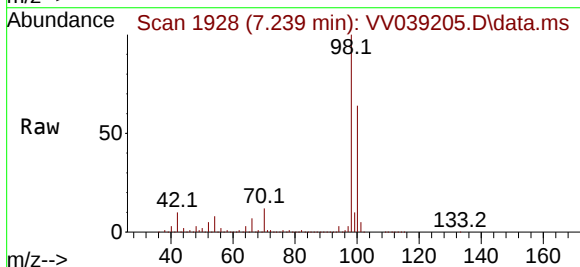
Acq: 26 Sep 2025 12:21

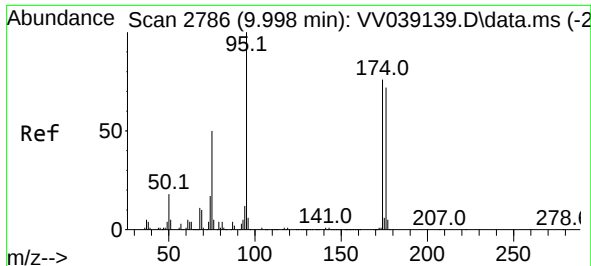
Tgt Ion: 98 Resp: 1008875

Ion Ratio Lower Upper

98 100

100 64.0 52.2 78.2

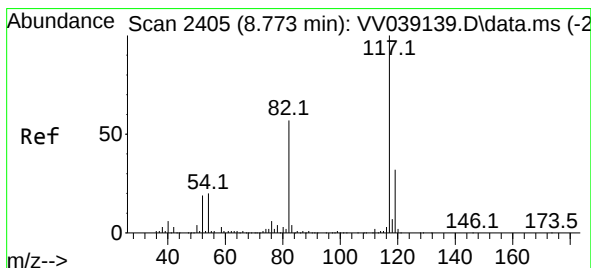
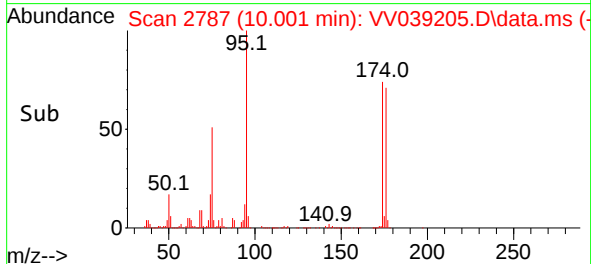
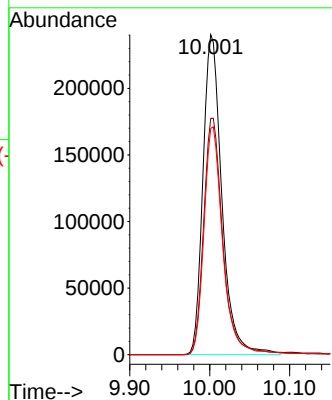
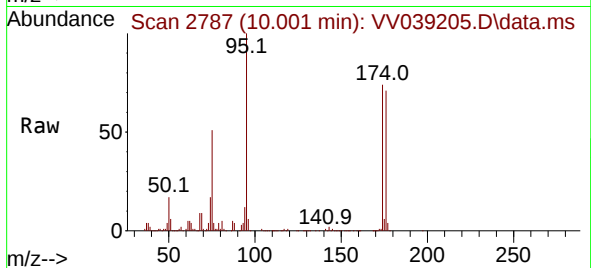




#62
4-Bromofluorobenzene
Concen: 44.107 ug/l
RT: 10.001 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039205.D
Acq: 26 Sep 2025 12:21

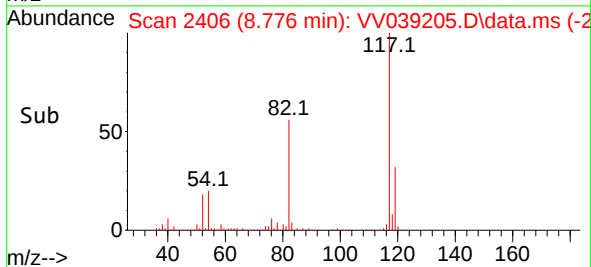
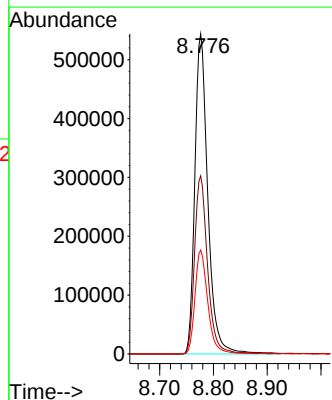
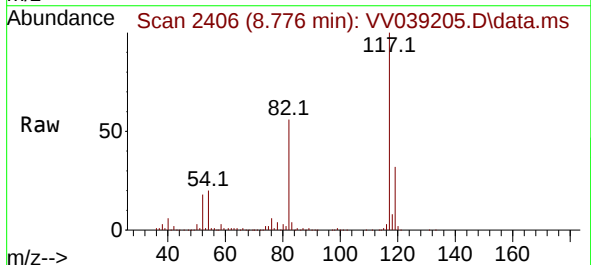
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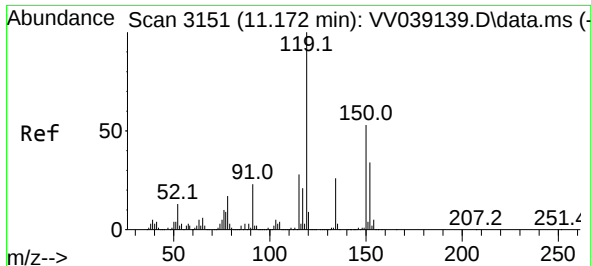
Tgt Ion: 95 Resp: 396215
Ion Ratio Lower Upper
95 100
174 75.1 0.0 150.4
176 71.1 0.0 144.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.003 min
Lab File: VV039205.D
Acq: 26 Sep 2025 12:21

Tgt Ion: 117 Resp: 911885
Ion Ratio Lower Upper
117 100
82 55.6 45.4 68.2
119 32.5 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.172 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV039205.D
 Acq: 26 Sep 2025 12:21

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-4-091625

Tgt Ion:152 Resp: 438479
 Ion Ratio Lower Upper
 152 100
 115 61.8 44.8 134.4
 150 157.9 0.0 353.8

