

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
 Data File : VV039192.D
 Acq On : 25 Sep 2025 19:17
 Operator : SY/MD
 Sample : Q3195-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-1-091725

Quant Time: Sep 26 01:37:29 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)

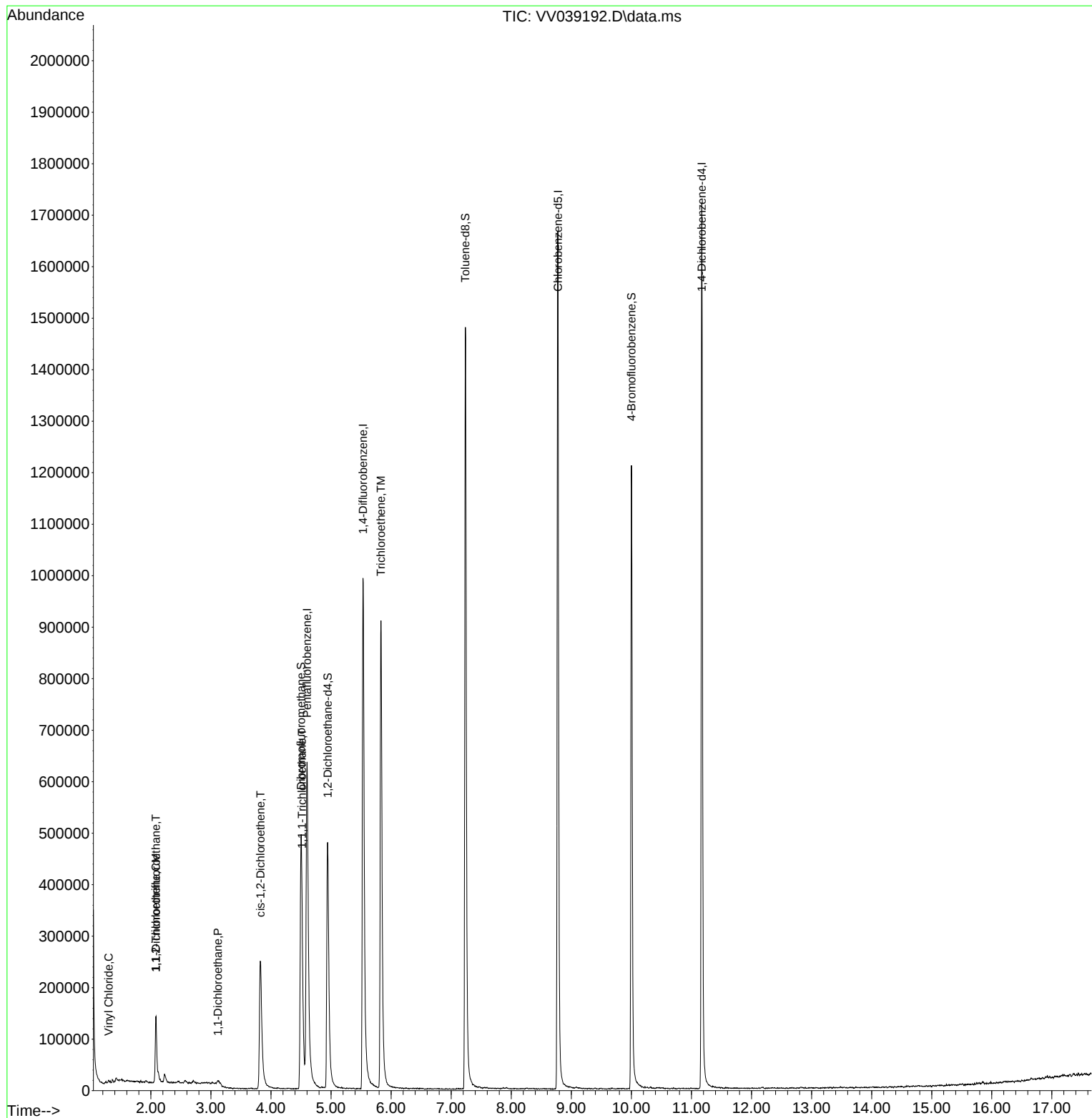
Internal Standards						
1) Pentafluorobenzene	4.600	168	535790	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	971101	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	956100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	458217	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	427676	55.152	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 110.300%	
35) Dibromofluoromethane	4.503	113	398238	51.011	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 102.020%	
50) Toluene-d8	7.236	98	1062986	46.360	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 92.720%	
62) 4-Bromofluorobenzene	10.001	95	416581	44.133	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 88.260%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.298	62	2528	0.259	ug/l #	84
9) 1,1,2-Trichlorotrifluo...	2.082	101	6382	0.760	ug/l	97
12) 1,1-Dichloroethene	2.085	96	44339	5.489	ug/l	95
24) 1,1-Dichloroethane	3.117	63	6814	0.404	ug/l #	92
27) cis-1,2-Dichloroethene	3.825	96	154086	16.246	ug/l	88
32) 1,1,1-Trichloroethane	4.516	97	32296	2.116	ug/l	97
44) Trichloroethene	5.831	130	367152	41.396	ug/l	100

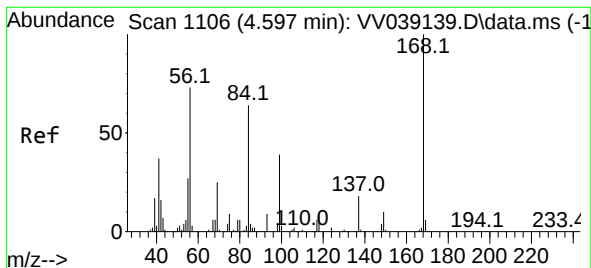
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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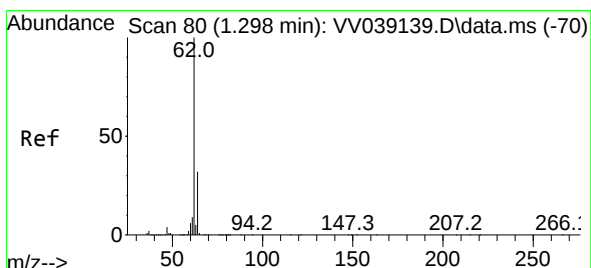
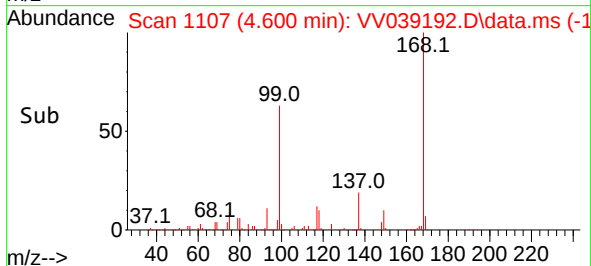
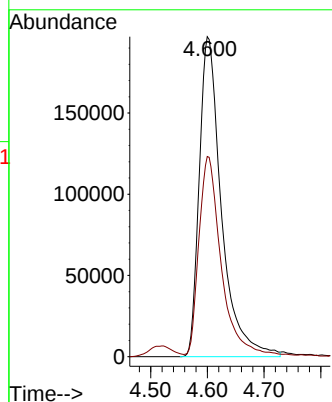
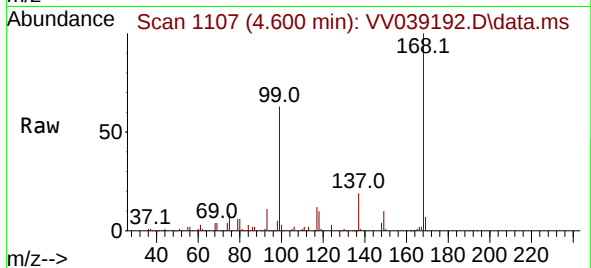




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV039192.D
Acq: 25 Sep 2025 19:17

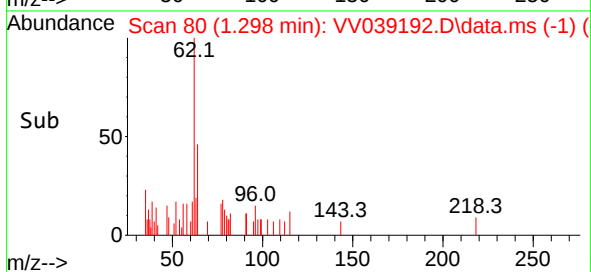
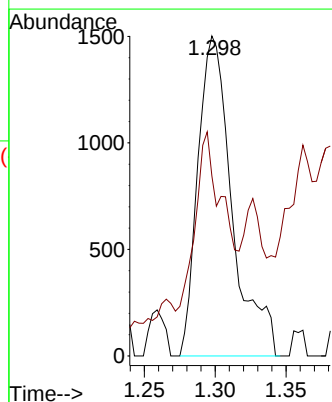
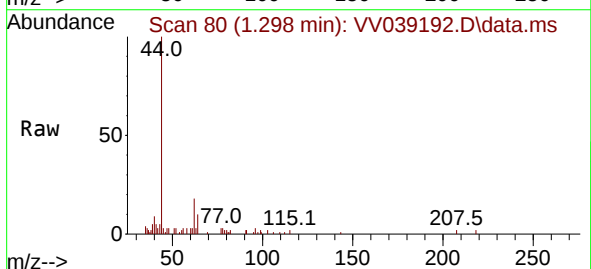
Instrument :
MSVOA_V
ClientSampleId :
MW-1-091725

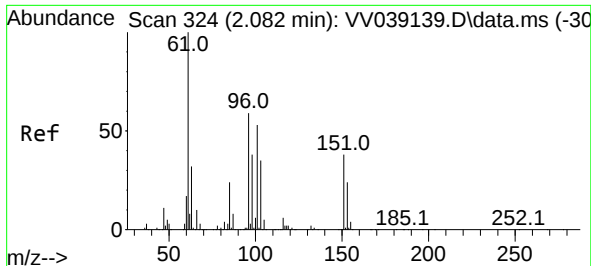
Tgt Ion:168 Resp: 535790
Ion Ratio Lower Upper
168 100
99 61.8 49.6 74.4



#4
Vinyl Chloride
Concen: 0.259 ug/l
RT: 1.298 min Scan# 80
Delta R.T. -0.000 min
Lab File: VV039192.D
Acq: 25 Sep 2025 19:17

Tgt Ion: 62 Resp: 2528
Ion Ratio Lower Upper
62 100
64 40.7 25.6 38.4#

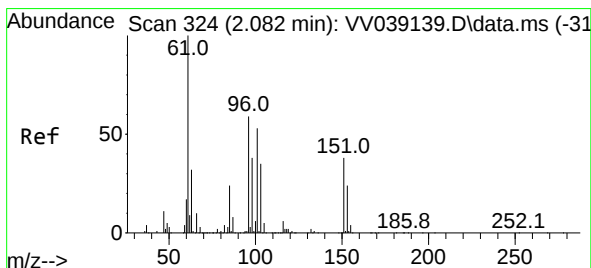
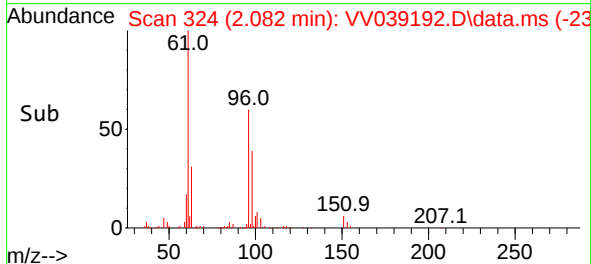
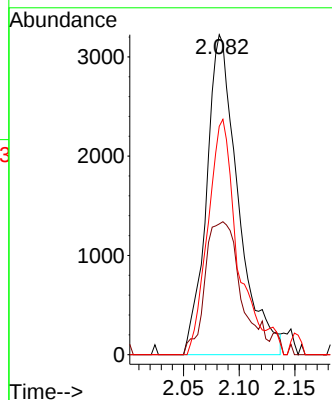
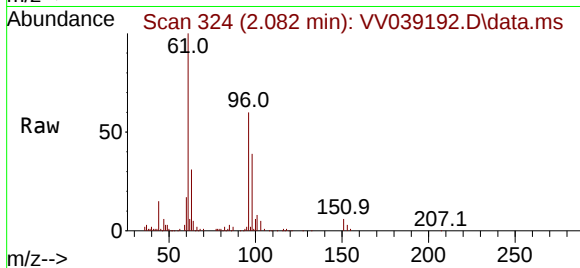




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.760 ug/l
RT: 2.082 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV039192.D
Acq: 25 Sep 2025 19:17

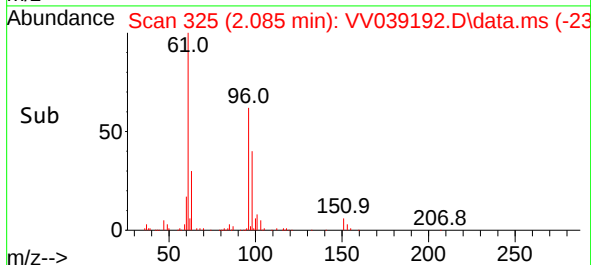
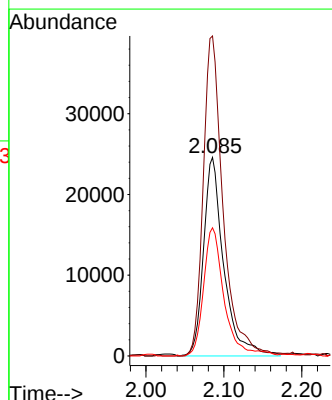
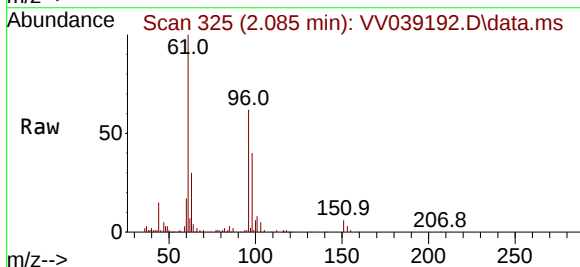
Instrument :
MSVOA_V
ClientSampleId :
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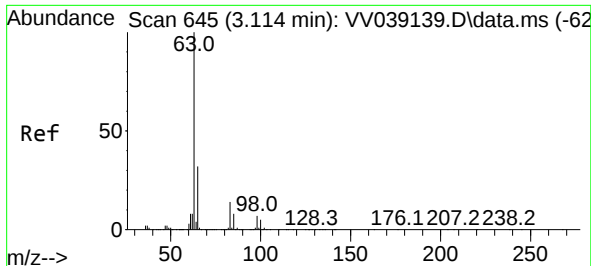
Tgt Ion:101 Resp: 6382
Ion Ratio Lower Upper
101 100
85 47.1 36.2 54.2
151 67.7 56.3 84.5



#12
1,1-Dichloroethene
Concen: 5.489 ug/l
RT: 2.085 min Scan# 325
Delta R.T. 0.003 min
Lab File: VV039192.D
Acq: 25 Sep 2025 19:17

Tgt Ion: 96 Resp: 44339
Ion Ratio Lower Upper
96 100
61 161.2 136.0 204.0
98 64.6 51.0 76.6

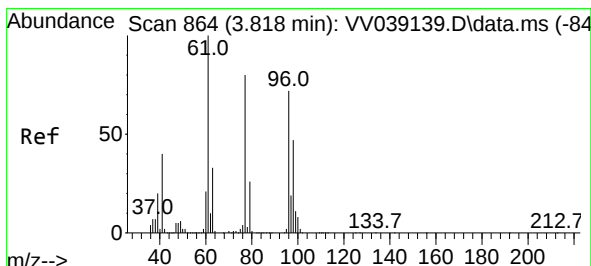
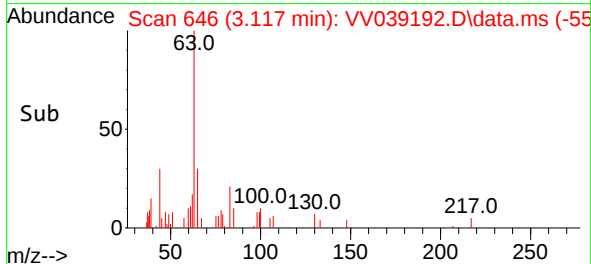
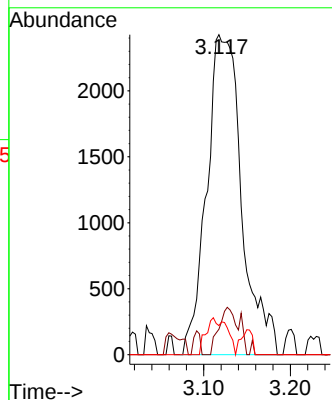
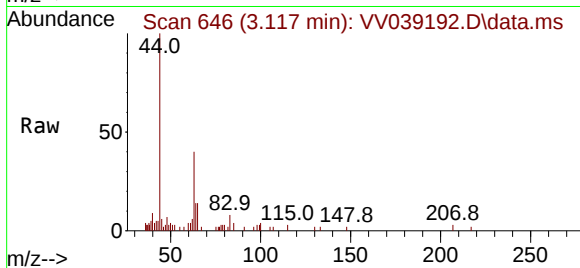




#24
 1,1-Dichloroethane
 Concen: 0.404 ug/l
 RT: 3.117 min Scan# 645
 Delta R.T. 0.003 min
 Lab File: VV039192.D
 Acq: 25 Sep 2025 19:17

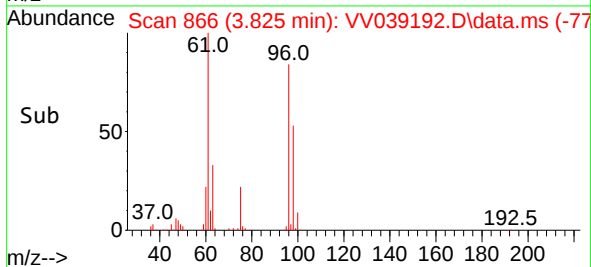
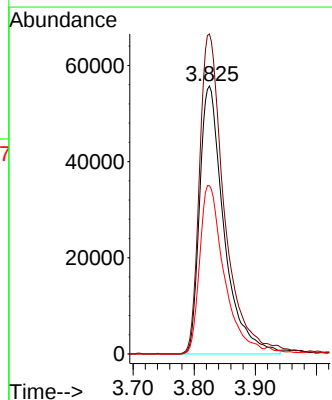
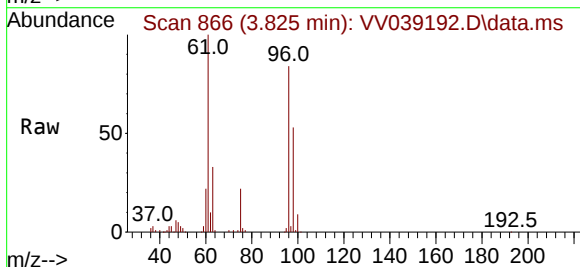
Instrument :
 MSVOA_V
 ClientSampleId :
 MW-1-091725

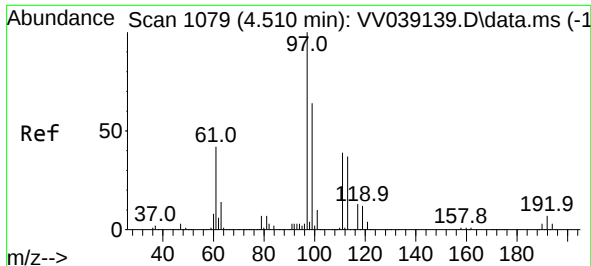
Tgt Ion: 63 Resp: 6814
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.4 10.2
 100 9.1 2.2 6.6#



#27
 cis-1,2-Dichloroethene
 Concen: 16.246 ug/l
 RT: 3.825 min Scan# 866
 Delta R.T. 0.006 min
 Lab File: VV039192.D
 Acq: 25 Sep 2025 19:17

Tgt Ion: 96 Resp: 154086
 Ion Ratio Lower Upper
 96 100
 61 122.8 0.0 286.4
 98 62.9 0.0 126.6





#32

1,1,1-Trichloroethane

Concen: 2.116 ug/l

RT: 4.516 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV039192.D

Acq: 25 Sep 2025 19:17

Instrument :

MSVOA_V

ClientSampleId :

MW-1-091725

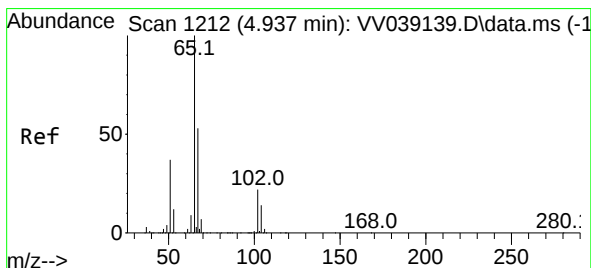
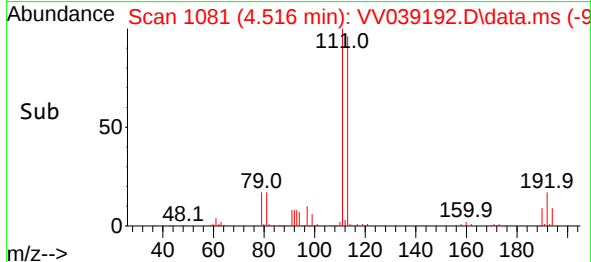
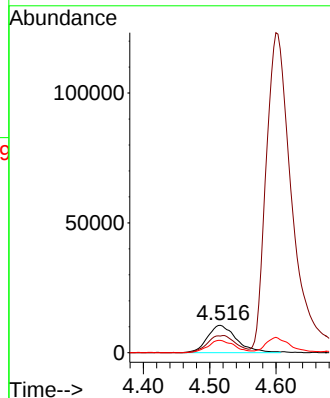
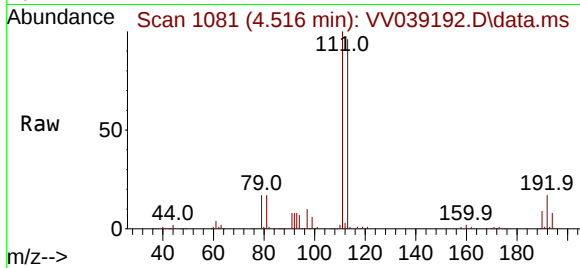
Tgt Ion: 97 Resp: 32296

Ion Ratio Lower Upper

97 100

99 60.3 49.6 74.4

61 40.8 34.5 51.7



#33

1,2-Dichloroethane-d4

Concen: 55.152 ug/l

RT: 4.944 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VV039192.D

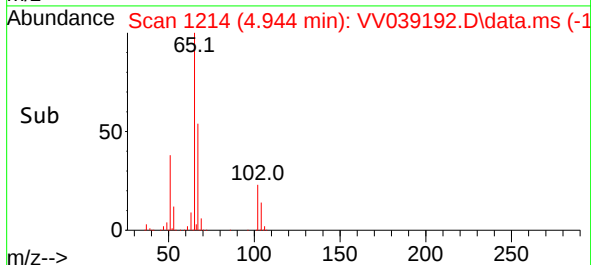
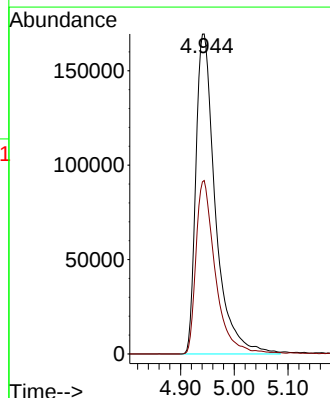
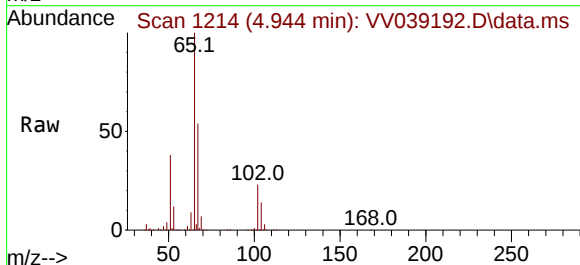
Acq: 25 Sep 2025 19:17

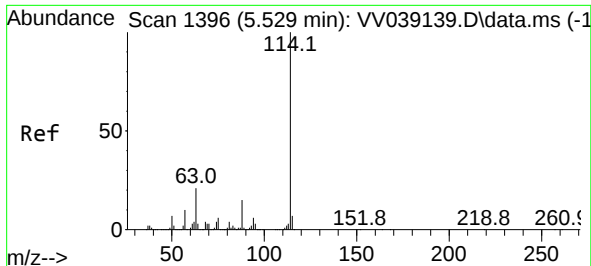
Tgt Ion: 65 Resp: 427676

Ion Ratio Lower Upper

65 100

67 53.9 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV039192.D

Acq: 25 Sep 2025 19:17

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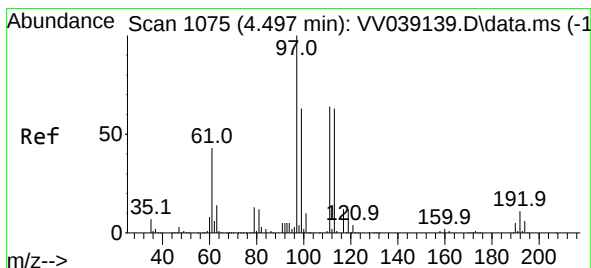
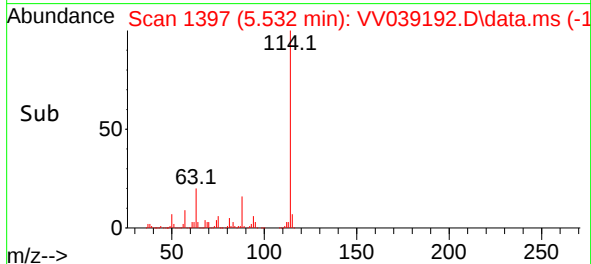
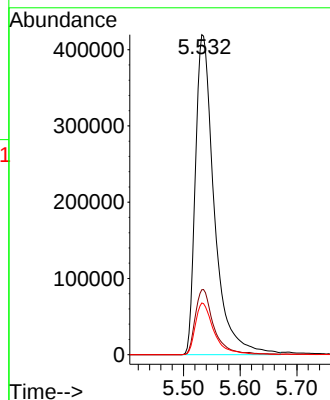
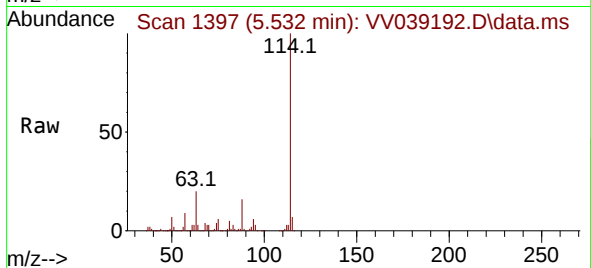
Tgt Ion:114 Resp: 971101

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.6

88 16.1 0.0 30.8



#35

Dibromofluoromethane

Concen: 51.011 ug/l

RT: 4.503 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VV039192.D

Acq: 25 Sep 2025 19:17

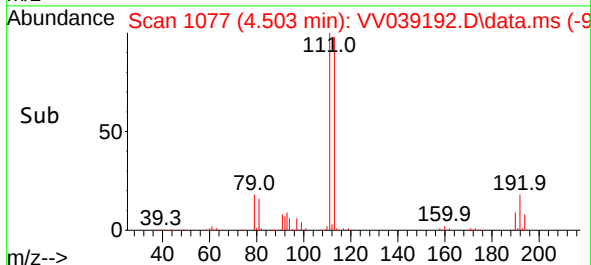
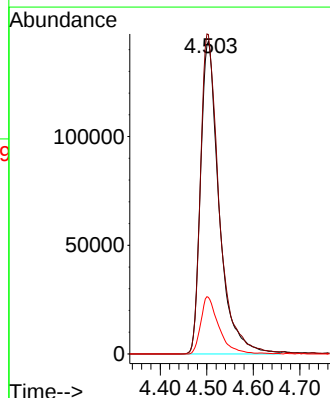
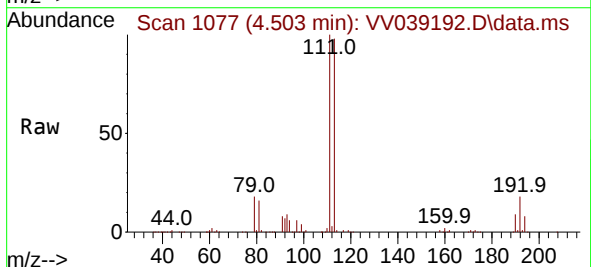
Tgt Ion:113 Resp: 398238

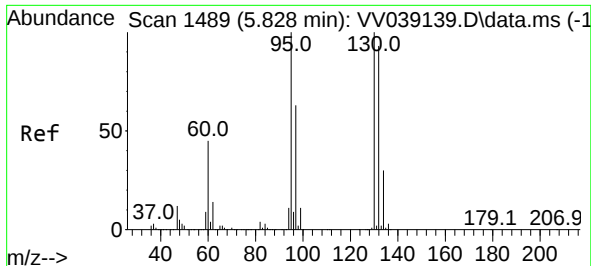
Ion Ratio Lower Upper

113 100

111 102.5 82.4 123.6

192 17.8 13.8 20.8

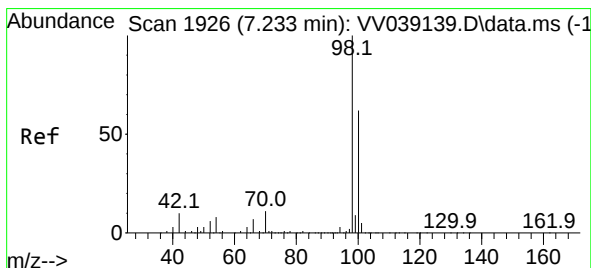
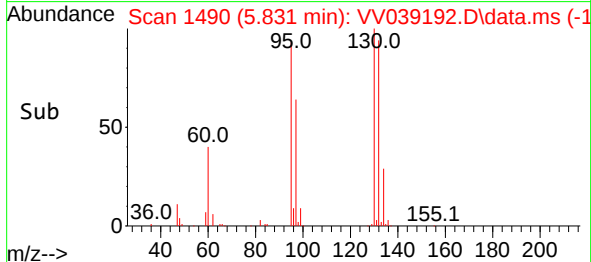
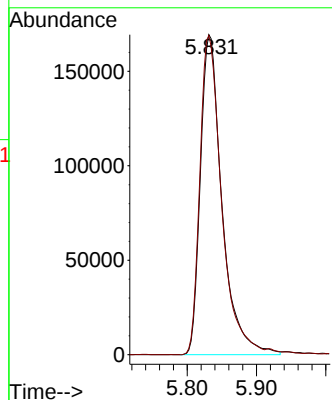
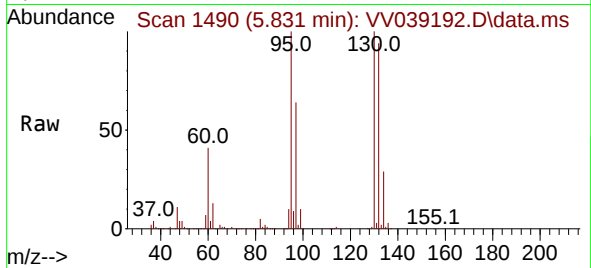




#44
 Trichloroethene
 Concen: 41.396 ug/l
 RT: 5.831 min Scan# 1489
 Delta R.T. 0.003 min
 Lab File: VV039192.D
 Acq: 25 Sep 2025 19:17

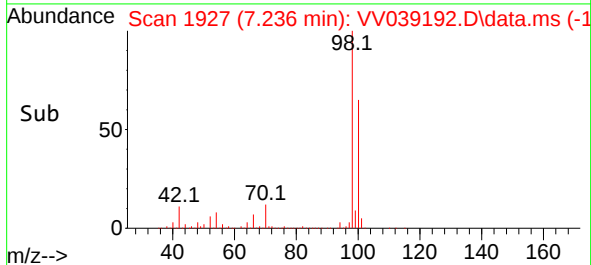
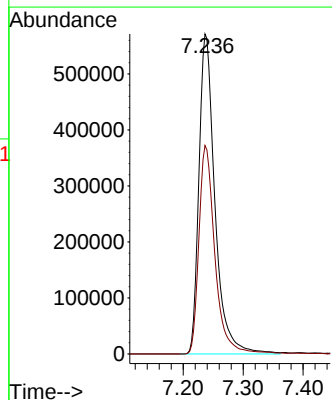
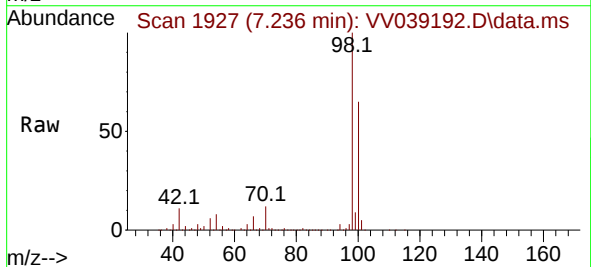
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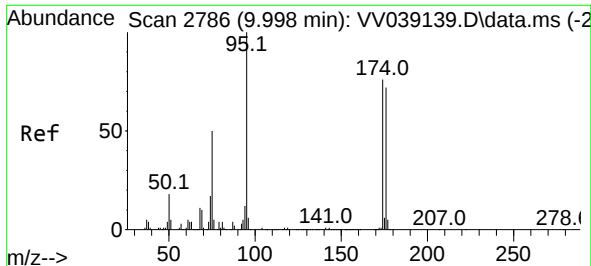
Tgt Ion:130 Resp: 367152
 Ion Ratio Lower Upper
 130 100
 95 99.7 0.0 199.2



#50
 Toluene-d8
 Concen: 46.360 ug/l
 RT: 7.236 min Scan# 1927
 Delta R.T. 0.003 min
 Lab File: VV039192.D
 Acq: 25 Sep 2025 19:17

Tgt Ion: 98 Resp: 1062986
 Ion Ratio Lower Upper
 98 100
 100 65.1 52.2 78.2

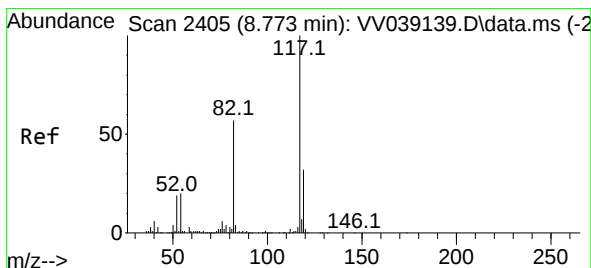
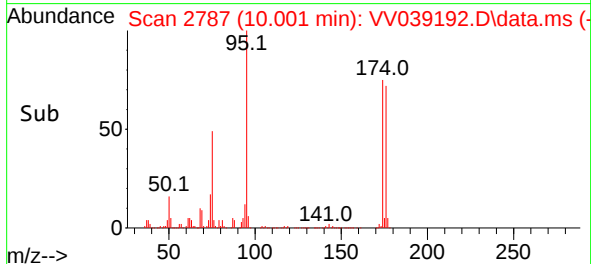
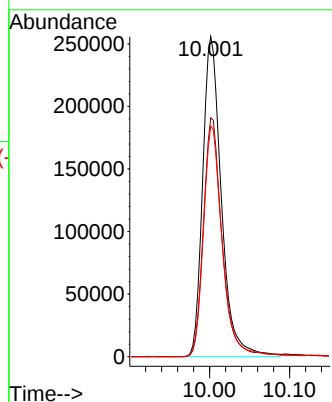
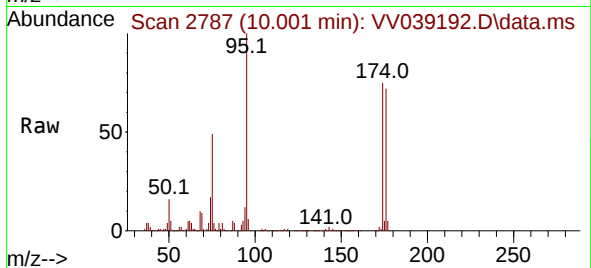




#62
4-Bromofluorobenzene
Concen: 44.133 ug/l
RT: 10.001 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039192.D
Acq: 25 Sep 2025 19:17

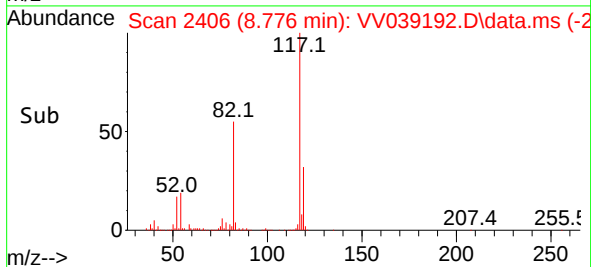
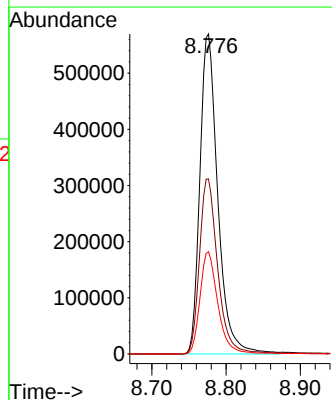
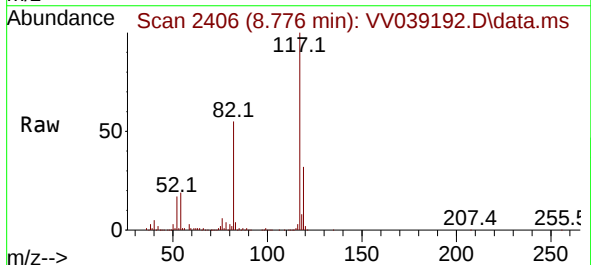
Instrument :
MSVOA_V
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MW-1-091725

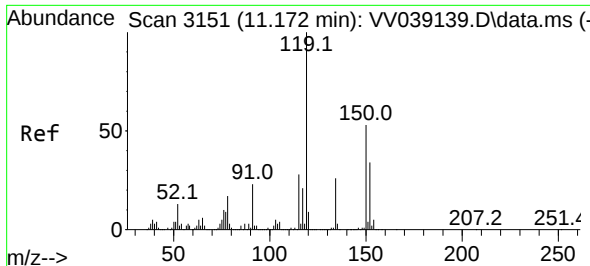
Tgt Ion: 95 Resp: 416581
Ion Ratio Lower Upper
95 100
174 74.8 0.0 150.4
176 72.5 0.0 144.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.003 min
Lab File: VV039192.D
Acq: 25 Sep 2025 19:17

Tgt Ion: 117 Resp: 956100
Ion Ratio Lower Upper
117 100
82 54.7 45.4 68.2
119 31.9 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: VV039192.D
 Acq: 25 Sep 2025 19:17

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-1-091725

Tgt Ion:152 Resp: 458217
 Ion Ratio Lower Upper
 152 100
 115 61.7 44.8 134.4
 150 156.4 0.0 353.8

