

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082225\
 Data File : VV039017.D
 Acq On : 22 Aug 2025 15:06
 Operator : SY/MD
 Sample : Q2924-05DL2 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-2B-082025DL2

Quant Time: Aug 25 02:24:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 04:15:04 2025
 Response via : Initial Calibration

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

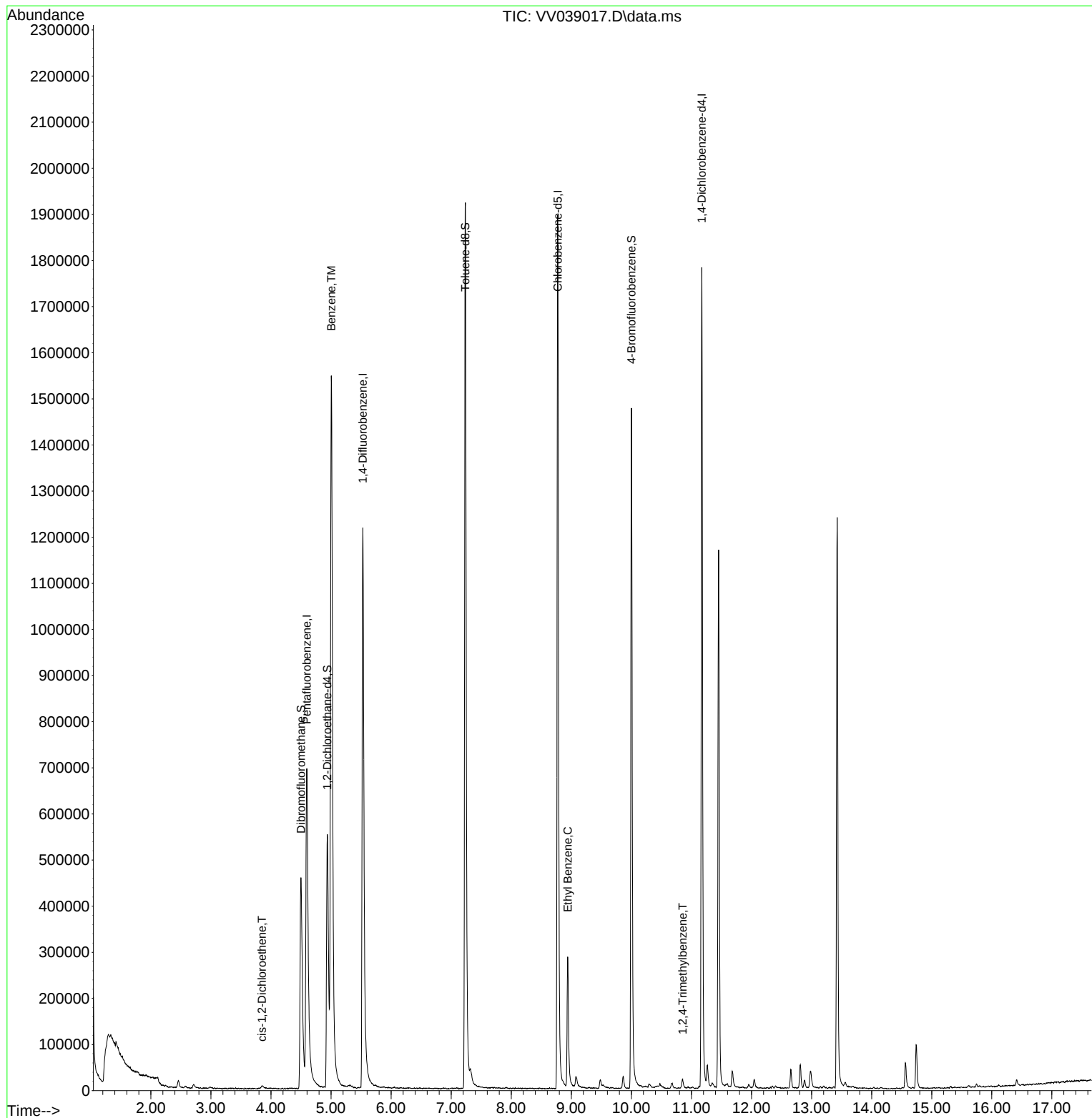
Internal Standards						
1) Pentafluorobenzene	4.596	168	582933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	1168109	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1042248	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	457197	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	488512	59.724	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	119.440%#
35) Dibromofluoromethane	4.500	113	396202	45.227	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	90.460%
50) Toluene-d8	7.236	98	1371201	44.888	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	89.780%
62) 4-Bromofluorobenzene	10.001	95	505397	45.226	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	90.460%
Target Compounds						Qvalue
27) cis-1,2-Dichloroethene	3.851	96	4940m	0.594	ug/l	
40) Benzene	5.005	78	1762911	49.475	ug/l	98
67) Ethyl Benzene	8.940	91	218268	5.690	ug/l	97
84) 1,2,4-Trimethylbenzene	10.853	105	11423	0.462	ug/l	94

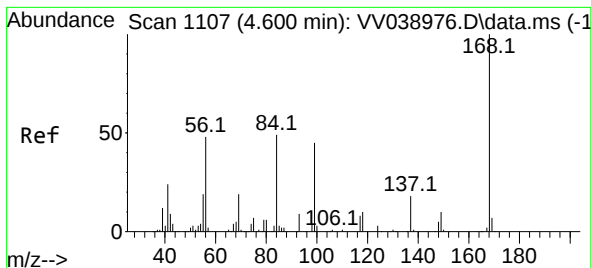
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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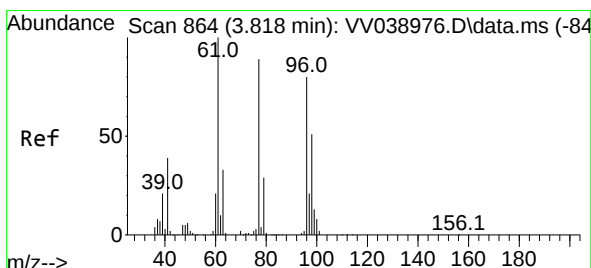
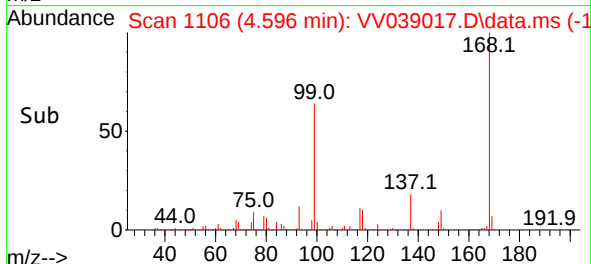
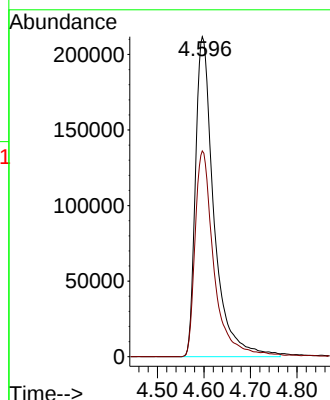
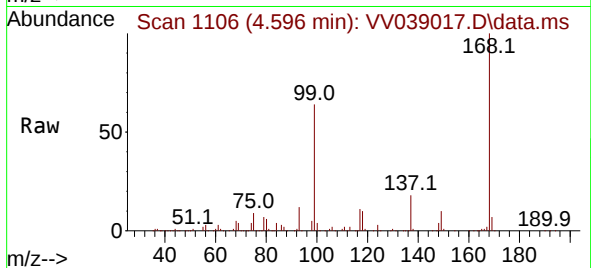




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.596 min Scan# 1106
Delta R.T. -0.003 min
Lab File: VV039017.D
Acq: 22 Aug 2025 15:06

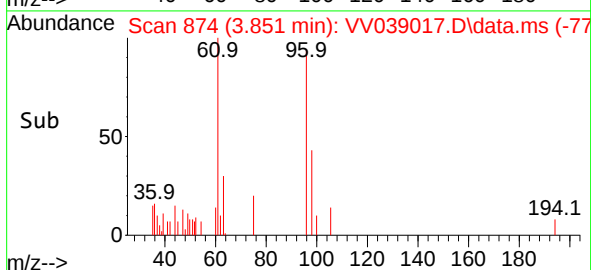
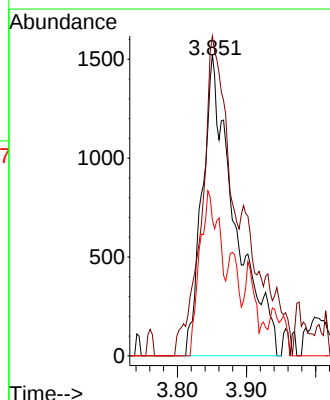
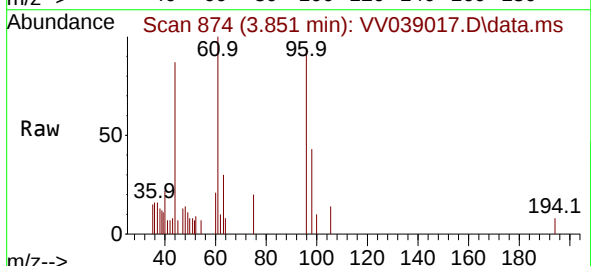
Instrument :
MSVOA_V
ClientSampleId :
MW-2B-082025DL2

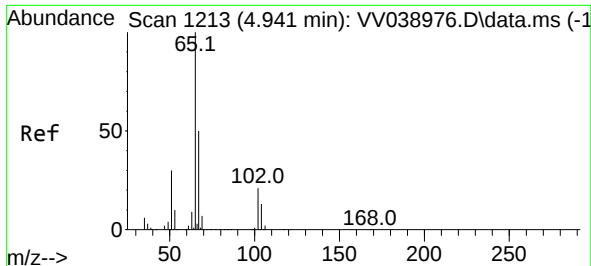
Tgt Ion:168 Resp: 582933
Ion Ratio Lower Upper
168 100
99 64.3 47.0 70.6



#27
cis-1,2-Dichloroethene
Concen: 0.594 ug/l m
RT: 3.851 min Scan# 874
Delta R.T. 0.033 min
Lab File: VV039017.D
Acq: 22 Aug 2025 15:06

Tgt Ion: 96 Resp: 4940
Ion Ratio Lower Upper
96 100
61 0.0 0.0 264.4
98 0.0 0.0 131.8





#33

1,2-Dichloroethane-d4

Concen: 59.724 ug/l

RT: 4.937 min Scan# 1212

Delta R.T. -0.003 min

Lab File: VV039017.D

Acq: 22 Aug 2025 15:06

Instrument :

MSVOA_V

ClientSampleId :

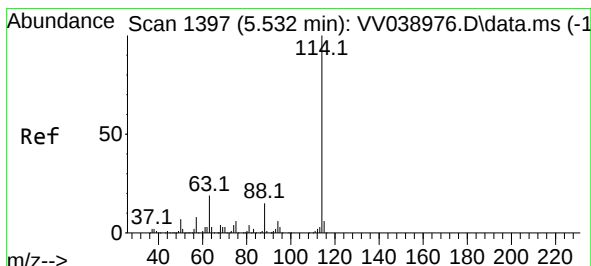
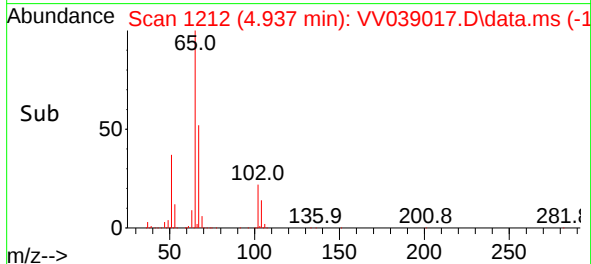
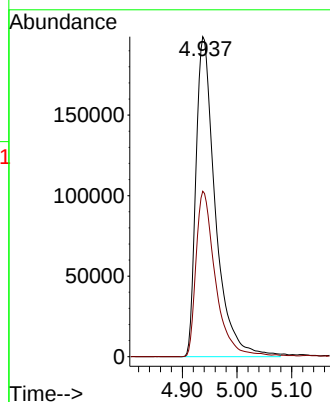
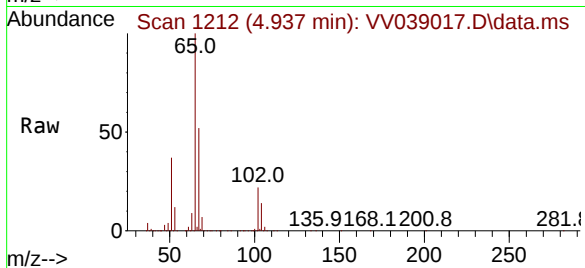
MW-2B-082025DL2

Tgt Ion: 65 Resp: 488512

Ion Ratio Lower Upper

65 100

67 51.8 0.0 100.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.529 min Scan# 1396

Delta R.T. -0.003 min

Lab File: VV039017.D

Acq: 22 Aug 2025 15:06

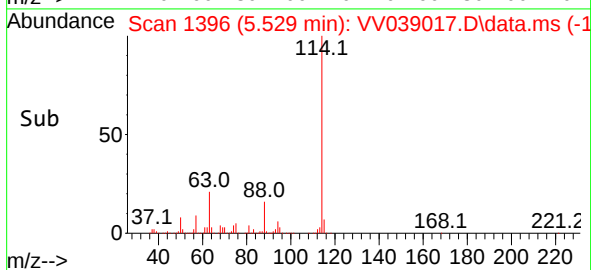
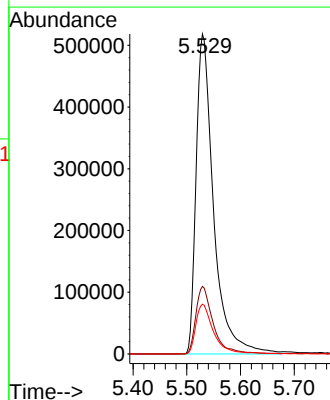
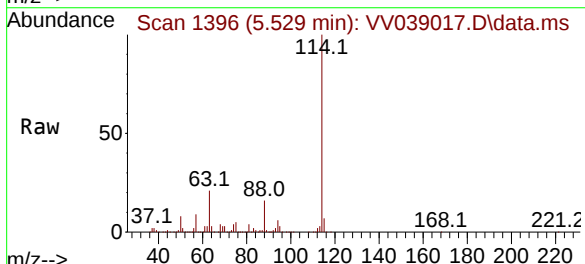
Tgt Ion: 114 Resp: 1168109

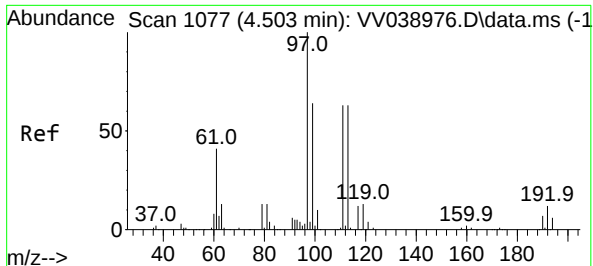
Ion Ratio Lower Upper

114 100

63 21.1 0.0 37.4

88 15.6 0.0 30.4

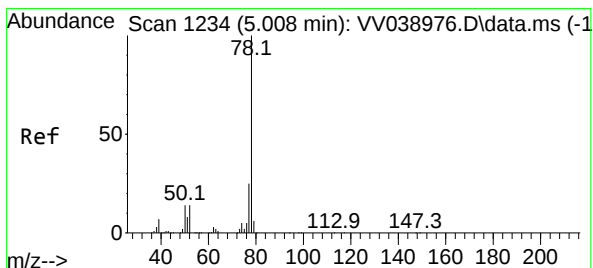
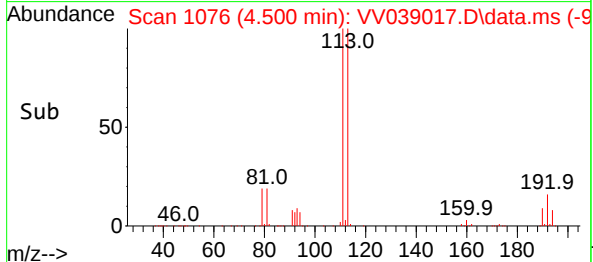
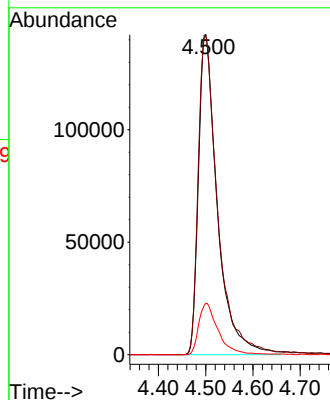
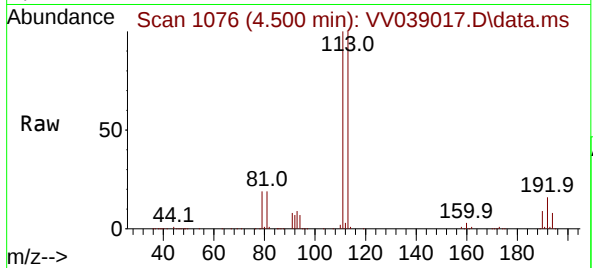




#35
Dibromofluoromethane
Concen: 45.227 ug/l
RT: 4.500 min Scan# 1077
Delta R.T. -0.003 min
Lab File: VV039017.D
Acq: 22 Aug 2025 15:06

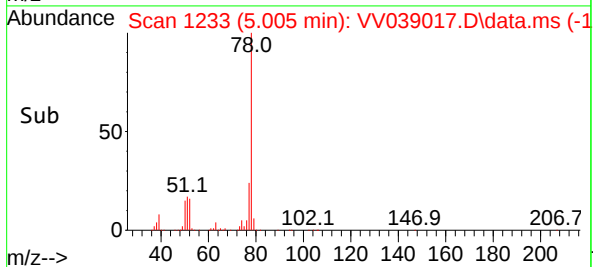
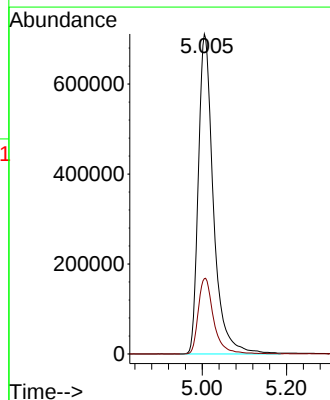
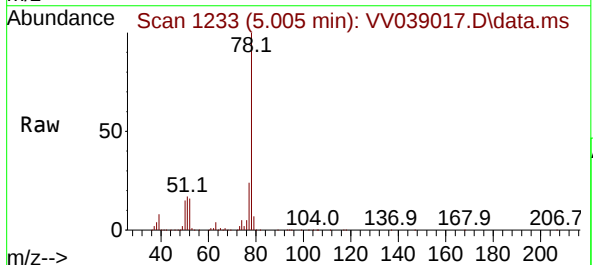
Instrument :
MSVOA_V
ClientSampleId :
MW-2B-082025DL2

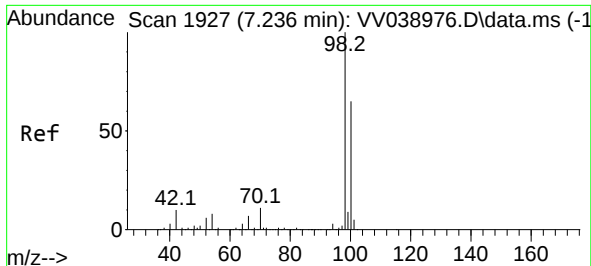
Tgt Ion:113 Resp: 396202
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 16.3 15.4 23.0



#40
Benzene
Concen: 49.475 ug/l
RT: 5.005 min Scan# 1233
Delta R.T. -0.003 min
Lab File: VV039017.D
Acq: 22 Aug 2025 15:06

Tgt Ion: 78 Resp: 1762911
Ion Ratio Lower Upper
78 100
77 23.5 19.6 29.4

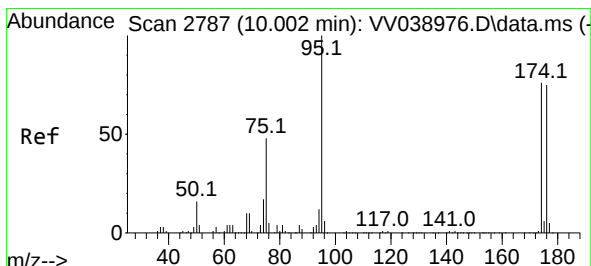
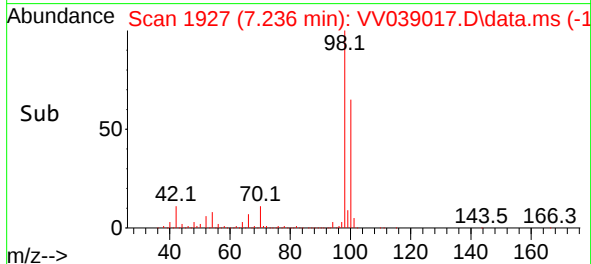
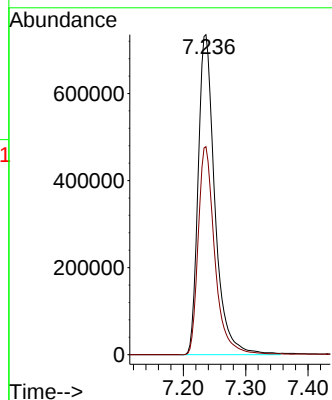
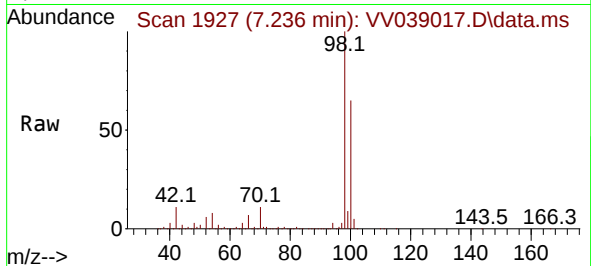




#50
Toluene-d8
Concen: 44.888 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VV039017.D
Acq: 22 Aug 2025 15:06

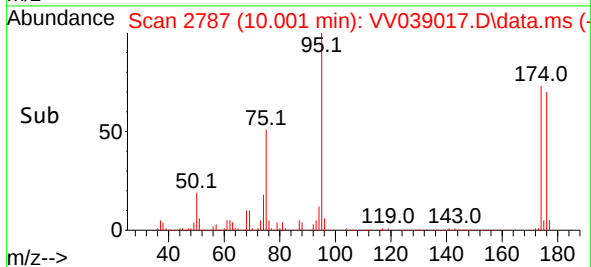
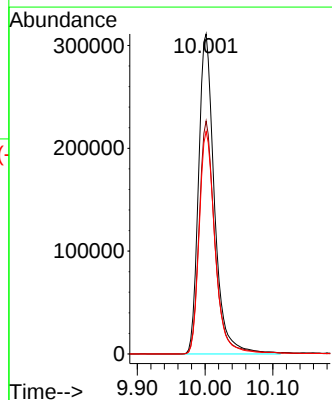
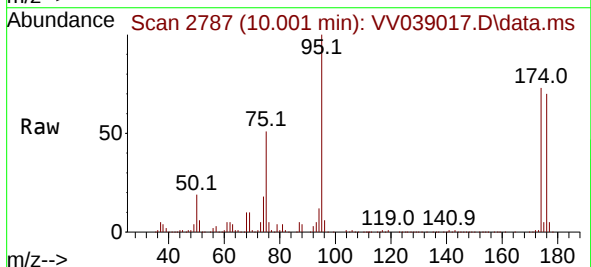
Instrument :
MSVOA_V
ClientSampleId :
MW-2B-082025DL2

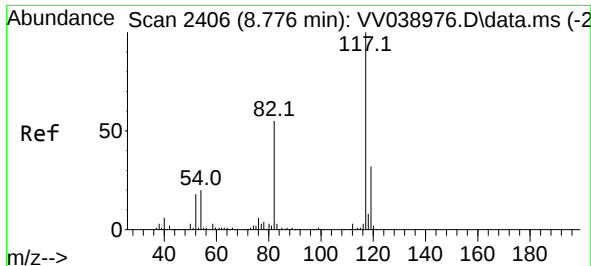
Tgt Ion: 98 Resp: 1371201
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 45.226 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. -0.000 min
Lab File: VV039017.D
Acq: 22 Aug 2025 15:06

Tgt Ion: 95 Resp: 505397
Ion Ratio Lower Upper
95 100
174 72.1 0.0 154.4
176 69.3 0.0 148.6

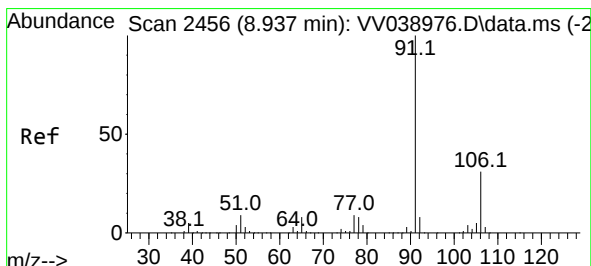
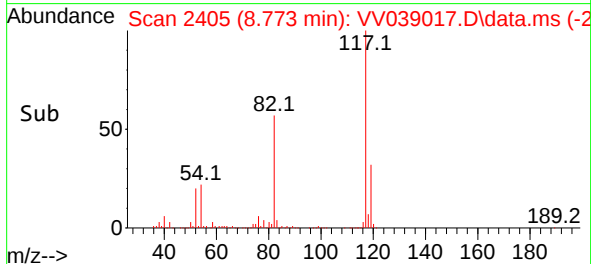
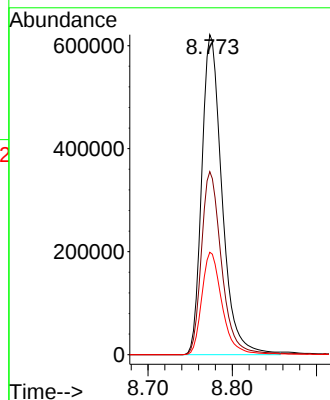
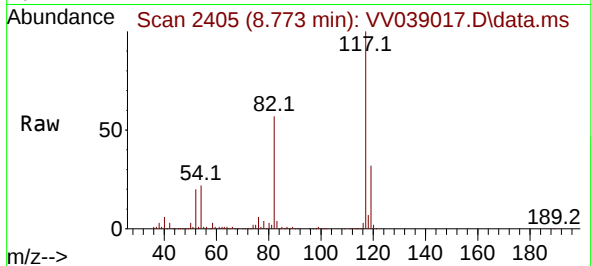




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2406
Delta R.T. -0.003 min
Lab File: VV039017.D
Acq: 22 Aug 2025 15:06

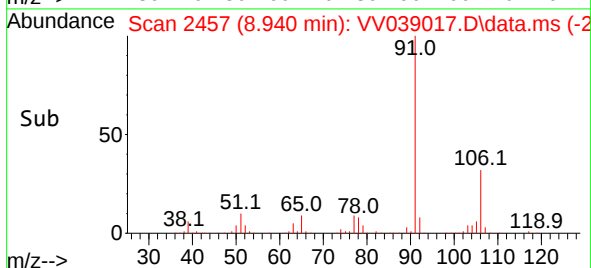
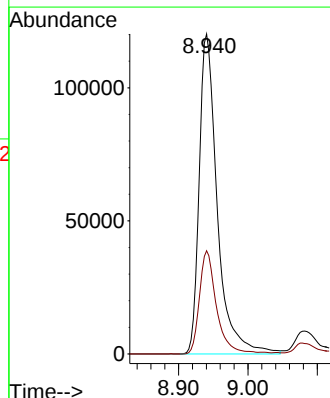
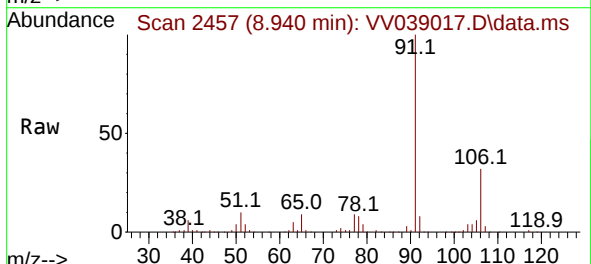
Instrument :
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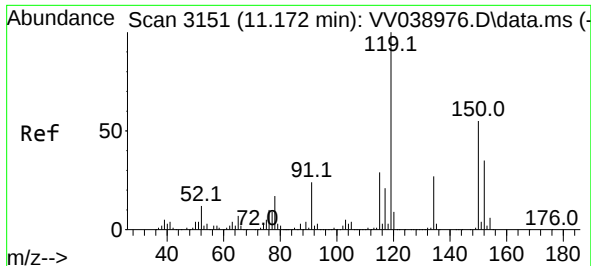
Tgt Ion:117 Resp: 1042248
Ion Ratio Lower Upper
117 100
82 57.2 44.4 66.6
119 32.0 26.0 39.0



#67
Ethyl Benzene
Concen: 5.690 ug/l
RT: 8.940 min Scan# 2457
Delta R.T. 0.003 min
Lab File: VV039017.D
Acq: 22 Aug 2025 15:06

Tgt Ion: 91 Resp: 218268
Ion Ratio Lower Upper
91 100
106 32.3 24.6 36.8

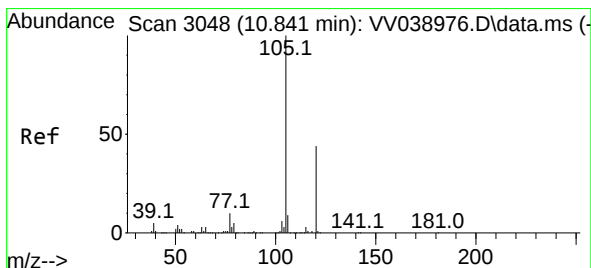
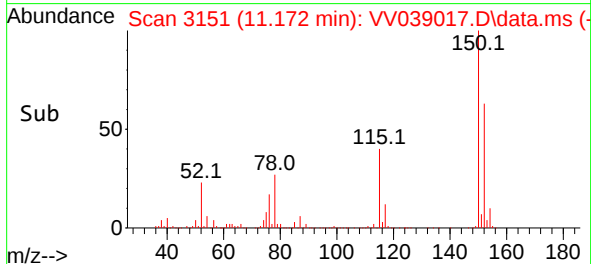
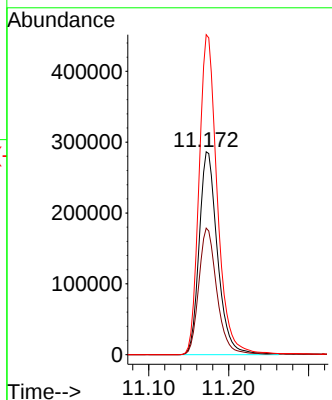
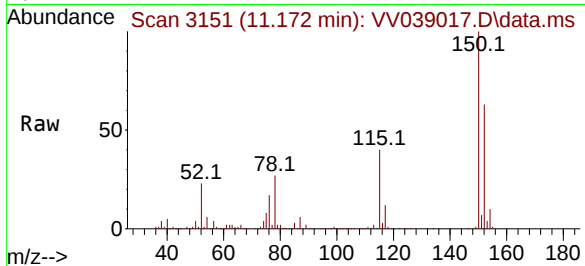




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.172 min Scan# 3151
 Delta R.T. -0.000 min
 Lab File: VV039017.D
 Acq: 22 Aug 2025 15:06

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-2B-082025DL2

Tgt Ion:152 Resp: 457197
 Ion Ratio Lower Upper
 152 100
 115 61.7 42.5 127.5
 150 157.1 0.0 344.8



#84
 1,2,4-Trimethylbenzene
 Concen: 0.462 ug/l
 RT: 10.853 min Scan# 3052
 Delta R.T. 0.013 min
 Lab File: VV039017.D
 Acq: 22 Aug 2025 15:06

Tgt Ion:105 Resp: 11423
 Ion Ratio Lower Upper
 105 100
 120 41.7 22.8 68.3

