

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092925\
 Data File : VV039231.D
 Acq On : 29 Sep 2025 15:01
 Operator : SY/MD
 Sample : Q3195-17DL 50X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-31D-091825-FDDL

Quant Time: Sep 30 01:26:43 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)

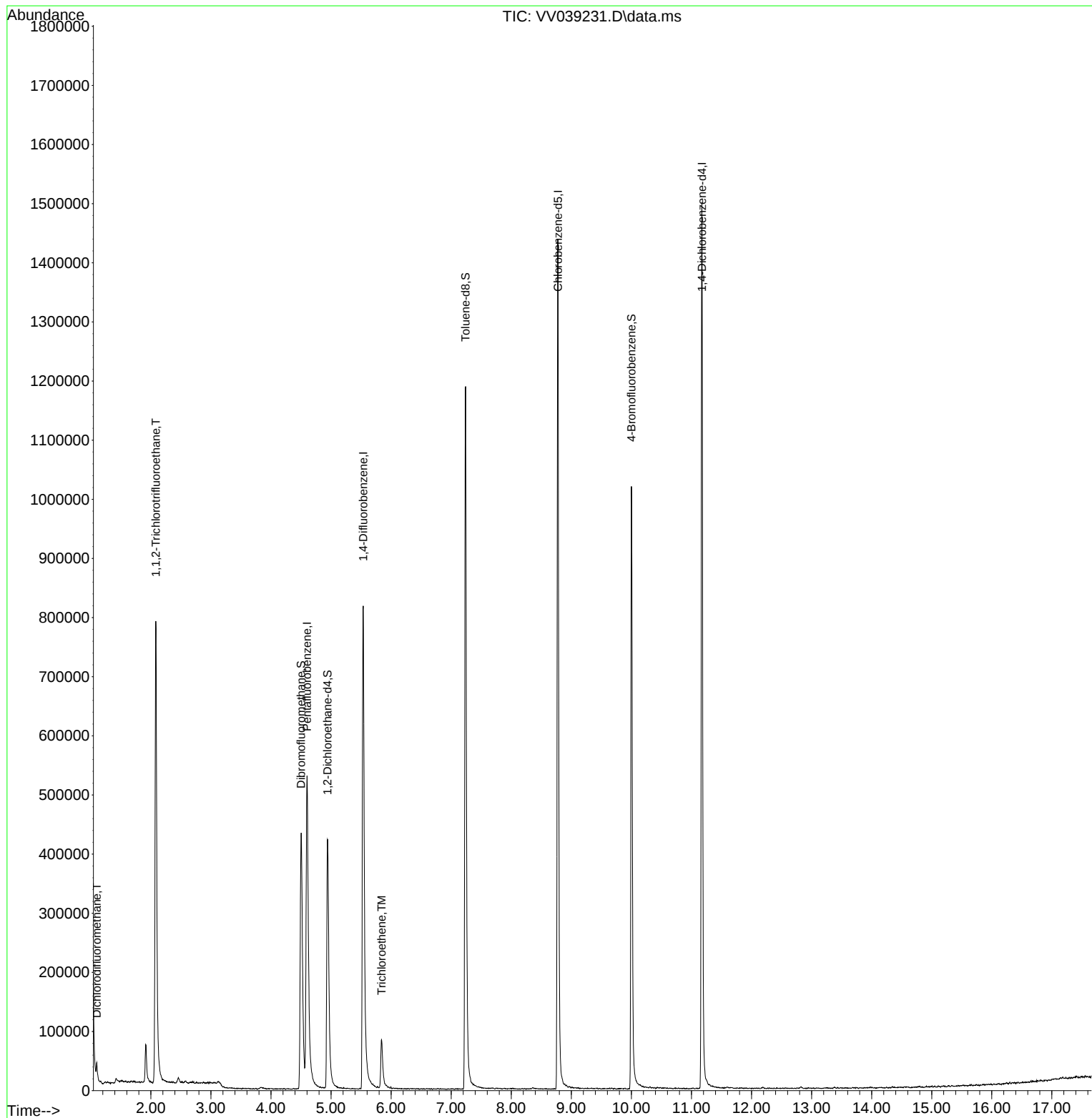
Internal Standards						
1) Pentafluorobenzene	4.600	168	456320	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	803964	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	819993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	404883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	374781	56.748	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	113.500%
35) Dibromofluoromethane	4.503	113	365689	56.580	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	113.160%
50) Toluene-d8	7.239	98	869335	45.797	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	91.600%
62) 4-Bromofluorobenzene	10.001	95	353271	45.207	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	90.420%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.098	85	3260	0.451	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.082	101	348662	48.752	ug/l	97
44) Trichloroethene	5.841	130	36388	4.956	ug/l	100

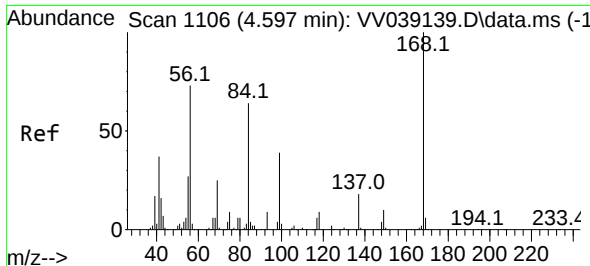
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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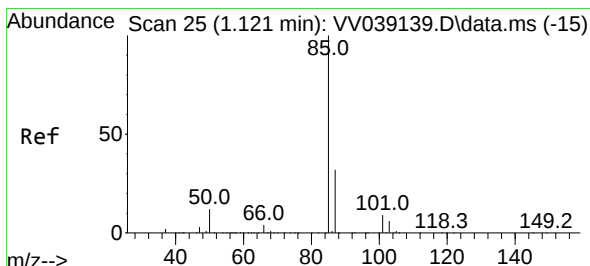
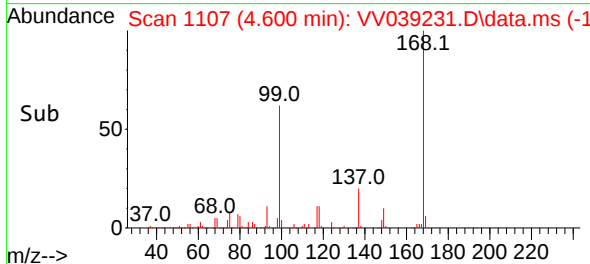
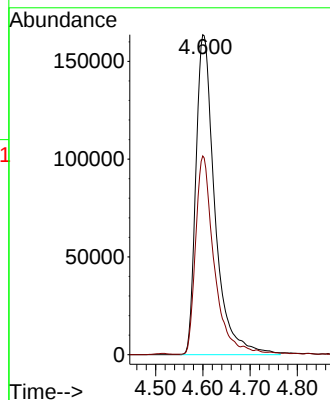
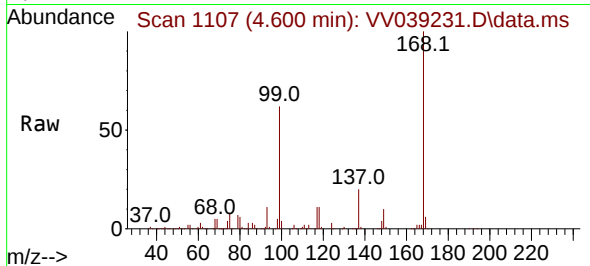




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV039231.D
Acq: 29 Sep 2025 15:01

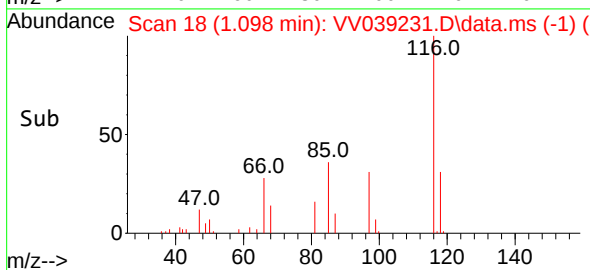
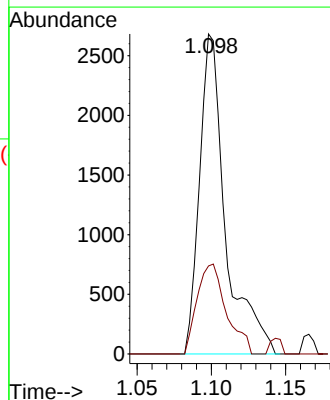
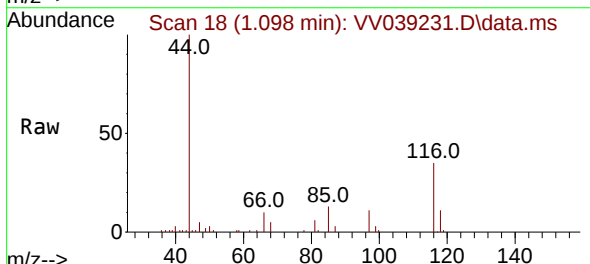
Instrument :
MSVOA_V
ClientSampleId :
MW-31D-091825-FDDL

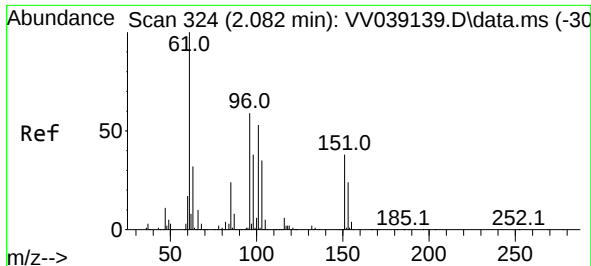
Tgt Ion:168 Resp: 456320
Ion Ratio Lower Upper
168 100
99 62.0 49.6 74.4



#2
Dichlorodifluoromethane
Concen: 0.451 ug/l
RT: 1.098 min Scan# 18
Delta R.T. -0.023 min
Lab File: VV039231.D
Acq: 29 Sep 2025 15:01

Tgt Ion: 85 Resp: 3260
Ion Ratio Lower Upper
85 100
87 27.5 16.0 47.9

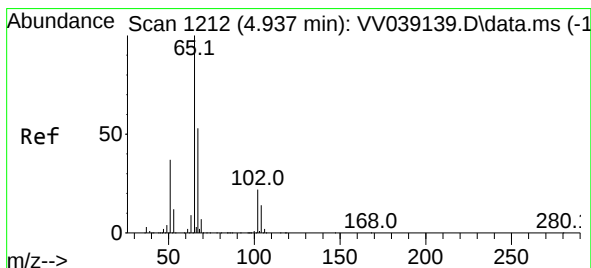
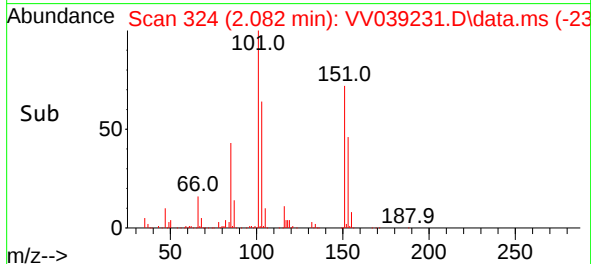
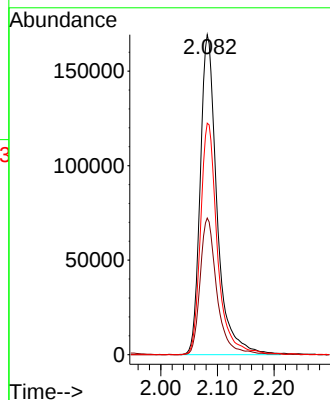
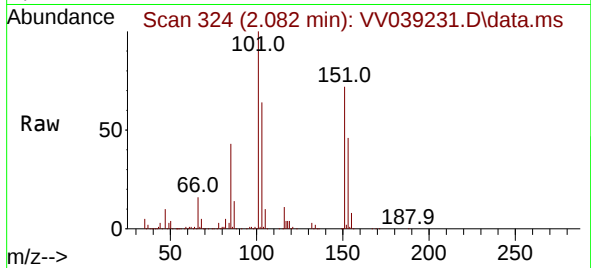




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.752 ug/l
RT: 2.082 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV039231.D
Acq: 29 Sep 2025 15:01

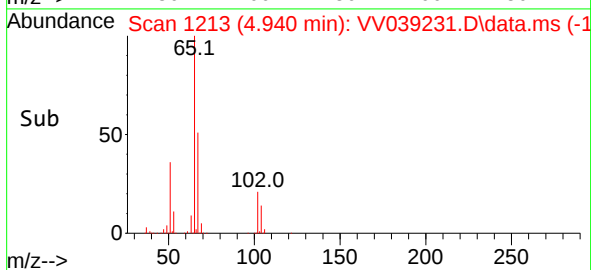
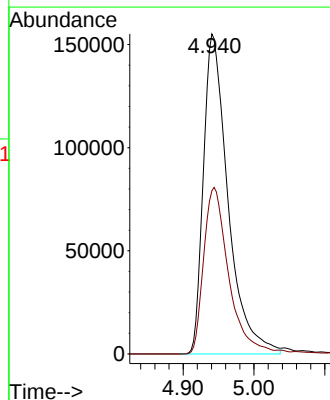
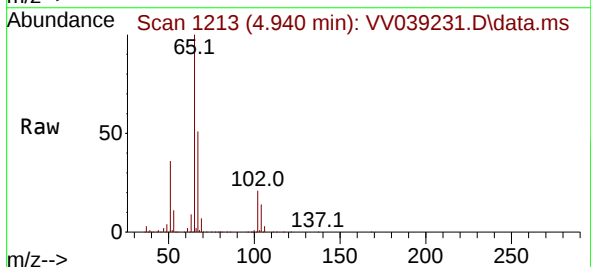
Instrument :
MSVOA_V
ClientSampleId :
MW-31D-091825-FDDL

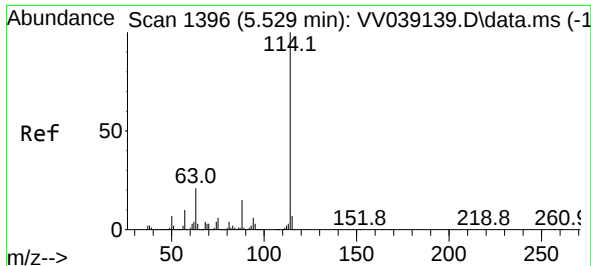
Tgt Ion:101 Resp: 348662
Ion Ratio Lower Upper
101 100
85 43.0 36.2 54.2
151 72.8 56.3 84.5



#33
1,2-Dichloroethane-d4
Concen: 56.748 ug/l
RT: 4.940 min Scan# 1213
Delta R.T. 0.003 min
Lab File: VV039231.D
Acq: 29 Sep 2025 15:01

Tgt Ion: 65 Resp: 374781
Ion Ratio Lower Upper
65 100
67 52.6 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: VV039231.D

Acq: 29 Sep 2025 15:01

Instrument :

MSVOA_V

ClientSampleId :

MW-31D-091825-FDDL

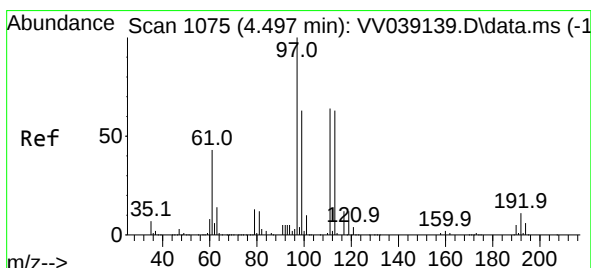
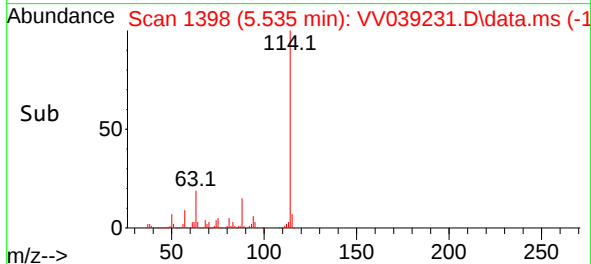
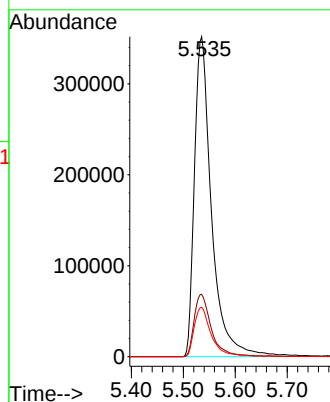
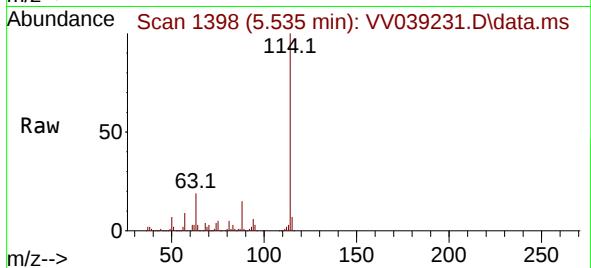
Tgt Ion:114 Resp: 803964

Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.6

88 15.5 0.0 30.8



#35

Dibromofluoromethane

Concen: 56.580 ug/l

RT: 4.503 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VV039231.D

Acq: 29 Sep 2025 15:01

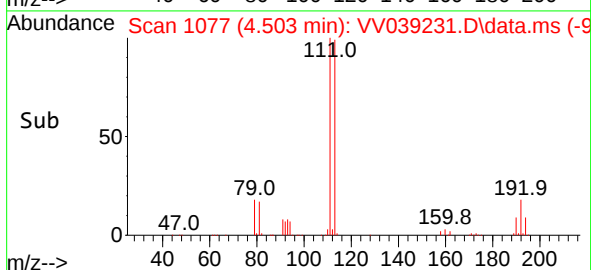
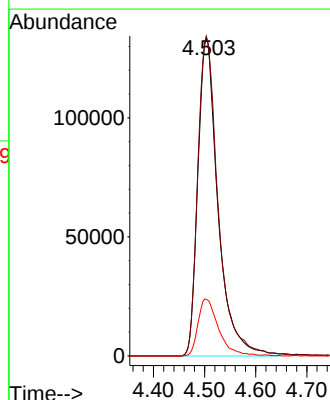
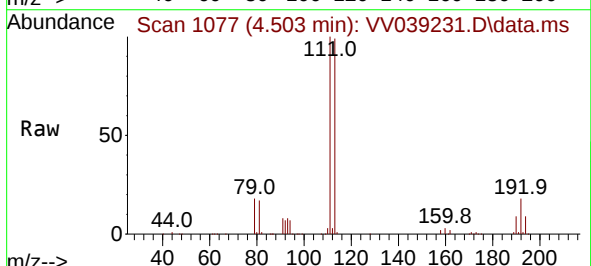
Tgt Ion:113 Resp: 365689

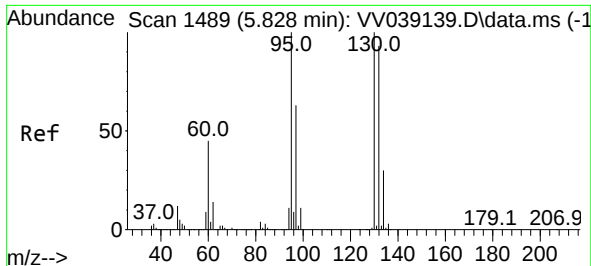
Ion Ratio Lower Upper

113 100

111 102.3 82.4 123.6

192 18.3 13.8 20.8

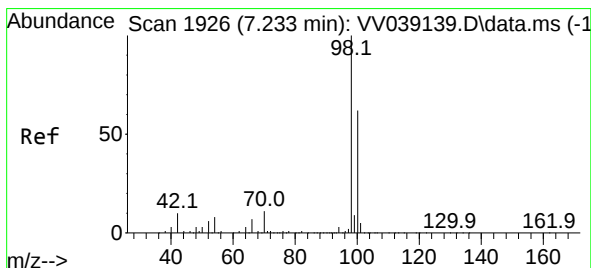
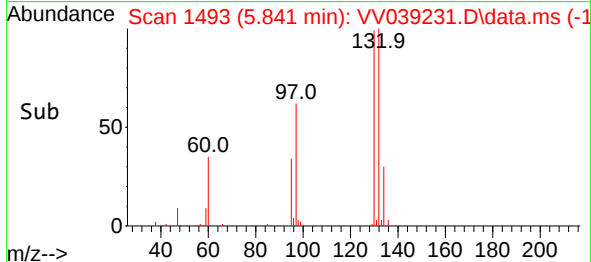
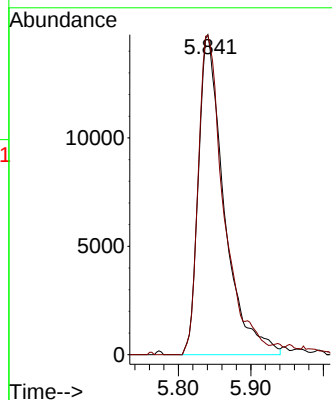
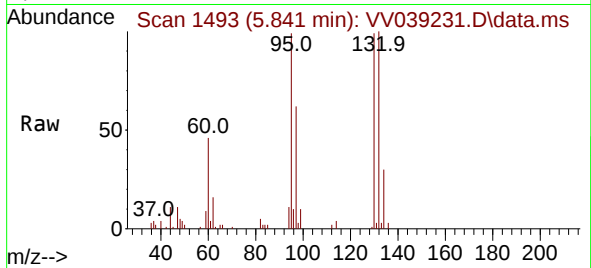




#44
 Trichloroethene
 Concen: 4.956 ug/l
 RT: 5.841 min Scan# 1489
 Delta R.T. 0.013 min
 Lab File: VV039231.D
 Acq: 29 Sep 2025 15:01

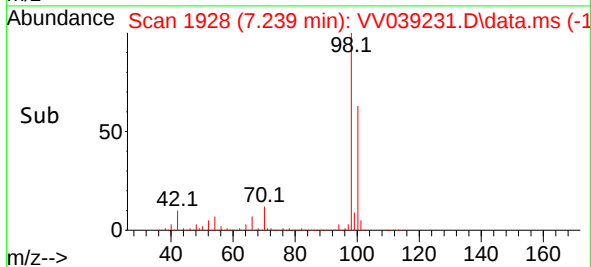
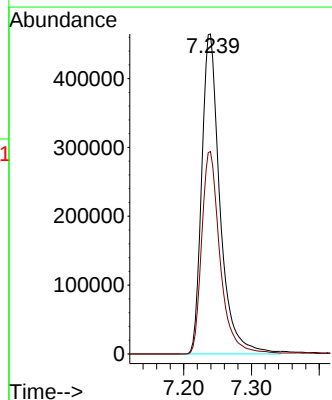
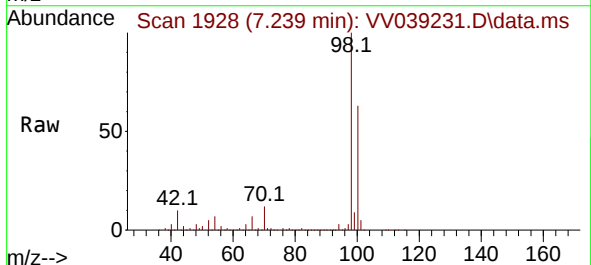
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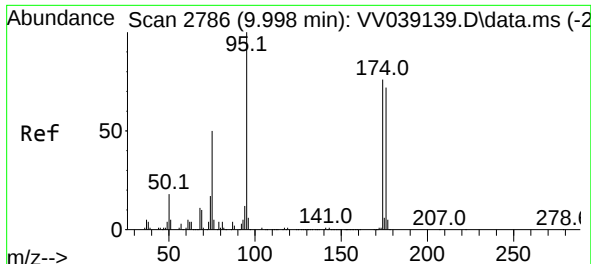
Tgt Ion:130 Resp: 36388
 Ion Ratio Lower Upper
 130 100
 95 99.8 0.0 199.2



#50
 Toluene-d8
 Concen: 45.797 ug/l
 RT: 7.239 min Scan# 1928
 Delta R.T. 0.006 min
 Lab File: VV039231.D
 Acq: 29 Sep 2025 15:01

Tgt Ion: 98 Resp: 869335
 Ion Ratio Lower Upper
 98 100
 100 63.7 52.2 78.2

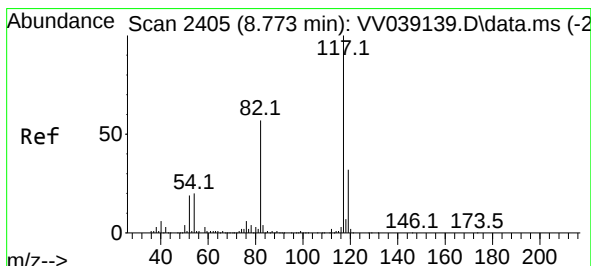
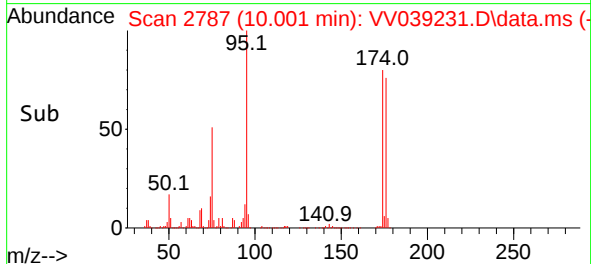
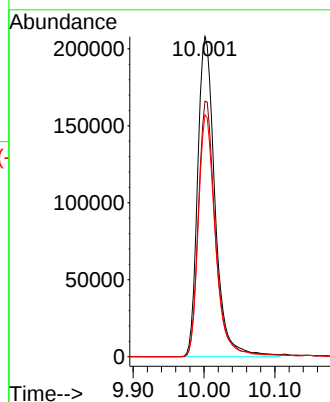
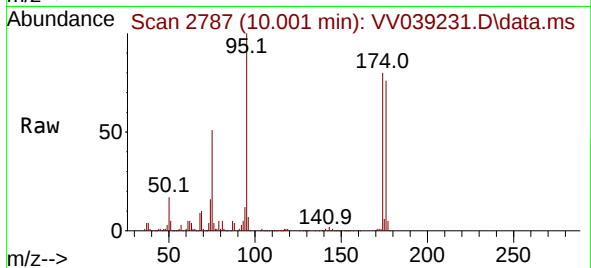




#62
4-Bromofluorobenzene
Concen: 45.207 ug/l
RT: 10.001 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039231.D
Acq: 29 Sep 2025 15:01

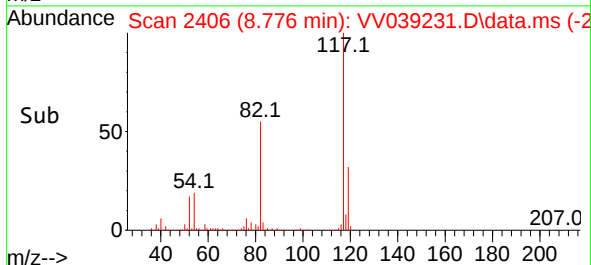
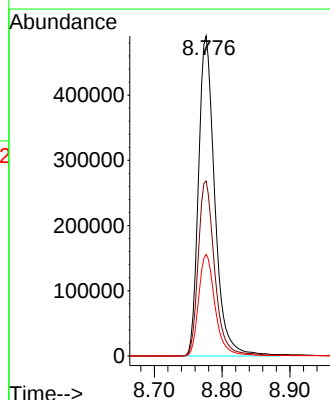
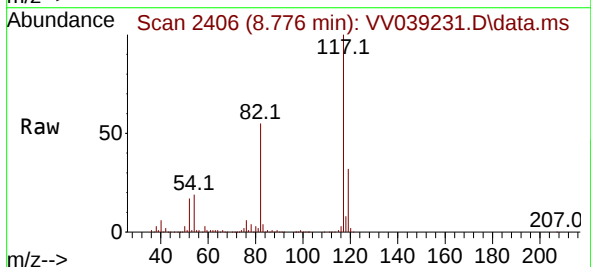
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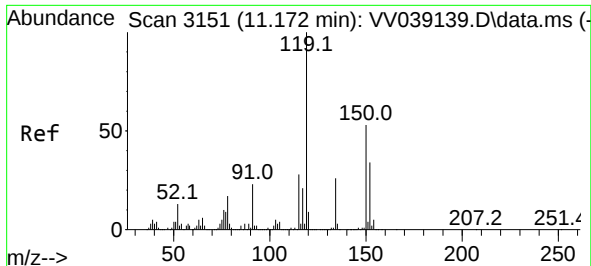
Tgt Ion: 95 Resp: 353271
Ion Ratio Lower Upper
95 100
174 78.9 0.0 150.4
176 74.8 0.0 144.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.003 min
Lab File: VV039231.D
Acq: 29 Sep 2025 15:01

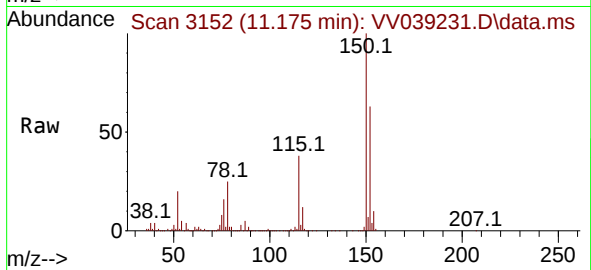
Tgt Ion: 117 Resp: 819993
Ion Ratio Lower Upper
117 100
82 54.7 45.4 68.2
119 31.7 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.175 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV039231.D
 Acq: 29 Sep 2025 15:01

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-31D-091825-FDDL



Tgt Ion:152 Resp: 404883
 Ion Ratio Lower Upper
 152 100
 115 60.7 44.8 134.4
 150 156.6 0.0 353.8

