

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092925\
 Data File : VV039230.D
 Acq On : 29 Sep 2025 14:38
 Operator : SY/MD
 Sample : Q3195-16DL 40X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Sep 30 01:26:18 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)

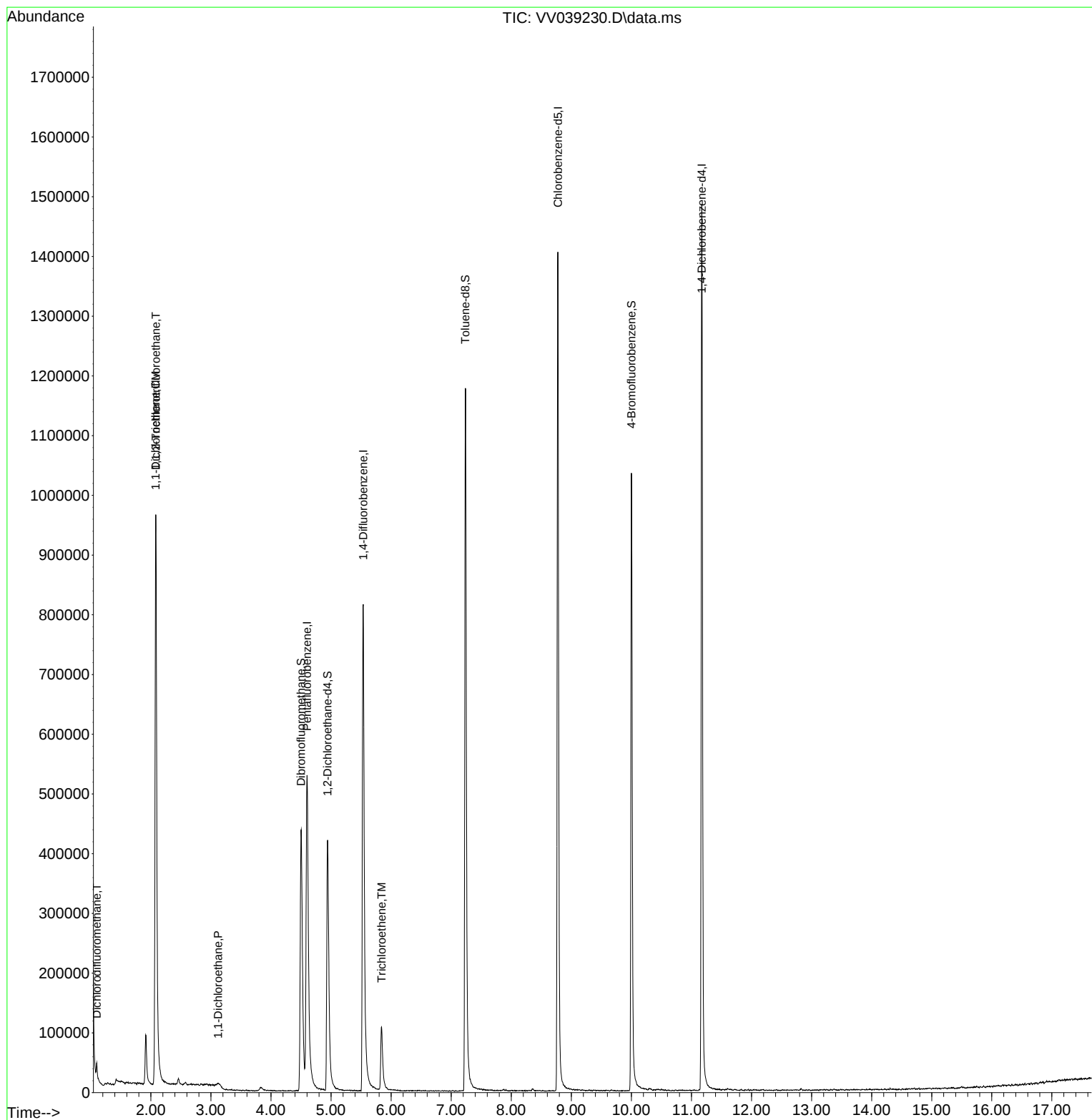
Internal Standards						
1) Pentafluorobenzene	4.600	168	458405	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	805402	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	812071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	405371	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	377389	56.883	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 113.760%	
35) Dibromofluoromethane	4.500	113	361022	55.758	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 111.520%	
50) Toluene-d8	7.236	98	858799	45.161	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 90.320%	
62) 4-Bromofluorobenzene	10.001	95	350525	44.775	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 89.560%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.098	85	3606	0.497	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.082	101	429996	59.852	ug/l	97
12) 1,1-Dichloroethene	2.079	96	3581	0.518	ug/l #	61
24) 1,1-Dichloroethane	3.121	63	3525	0.244	ug/l #	83
44) Trichloroethene	5.841	130	45433	6.176	ug/l	96

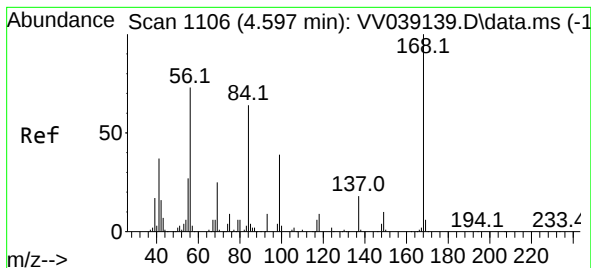
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VV039230.D

Acq: 29 Sep 2025 14:38

Instrument :

MSVOA_V

ClientSampleId :

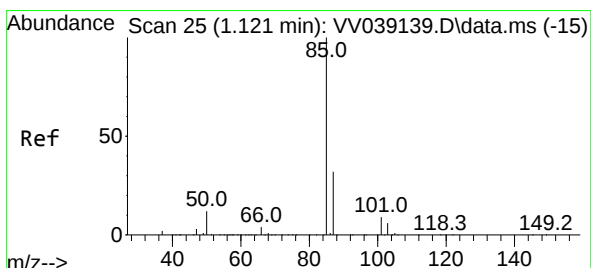
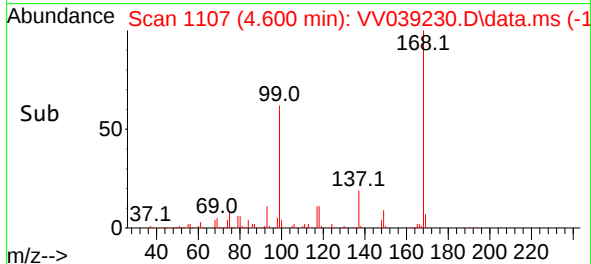
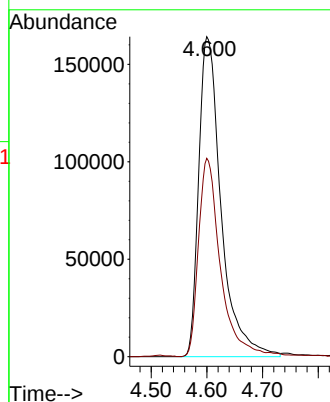
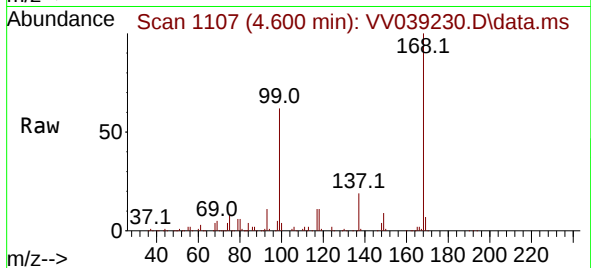
MW-31D-091825DL

Tgt Ion:168 Resp: 458405

Ion Ratio Lower Upper

168 100

99 61.9 49.6 74.4



#2

Dichlorodifluoromethane

Concen: 0.497 ug/l

RT: 1.098 min Scan# 18

Delta R.T. -0.022 min

Lab File: VV039230.D

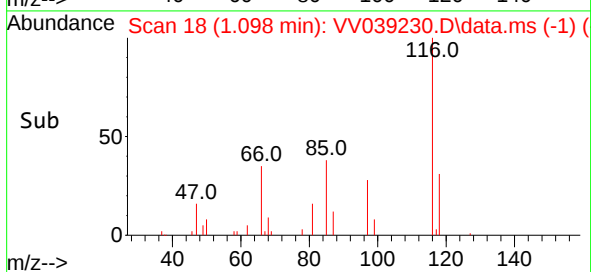
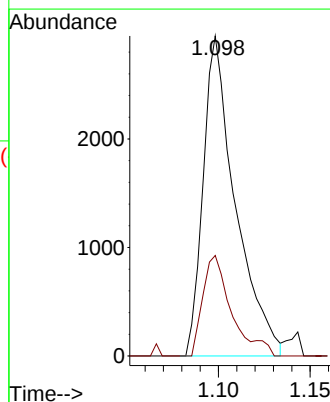
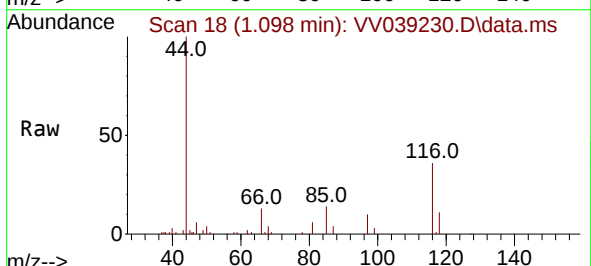
Acq: 29 Sep 2025 14:38

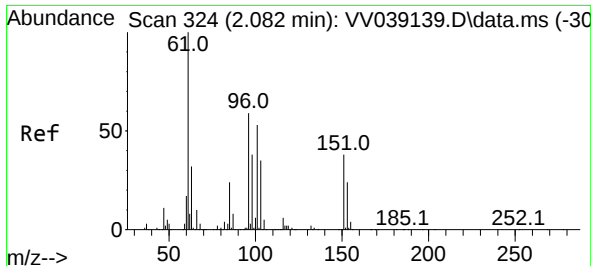
Tgt Ion: 85 Resp: 3606

Ion Ratio Lower Upper

85 100

87 31.4 16.0 47.9

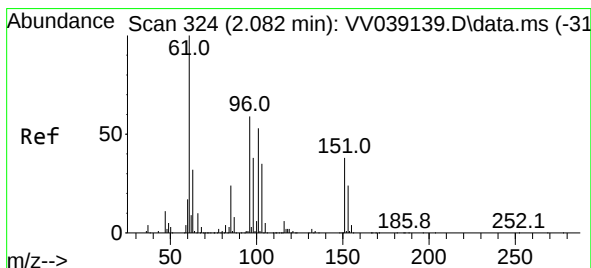
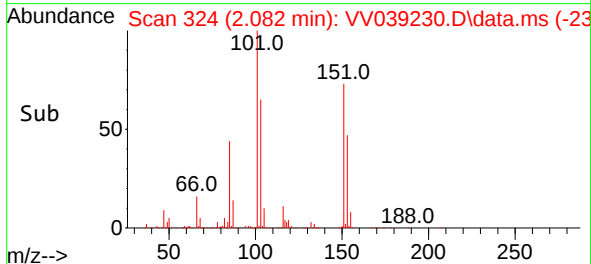
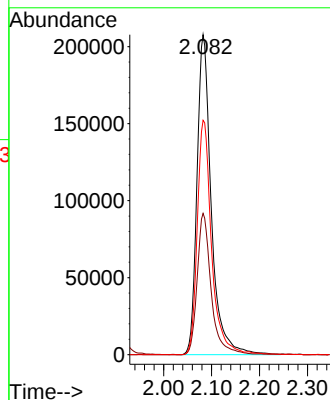
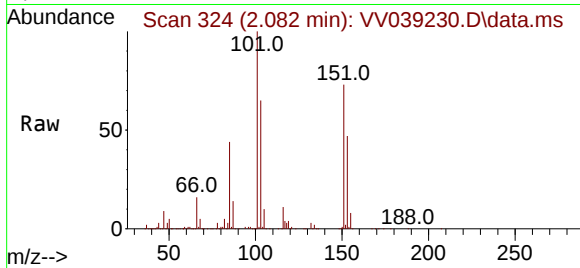




#9
1,1,2-Trichlorotrifluoroethane
Concen: 59.852 ug/l
RT: 2.082 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039230.D
Acq: 29 Sep 2025 14:38

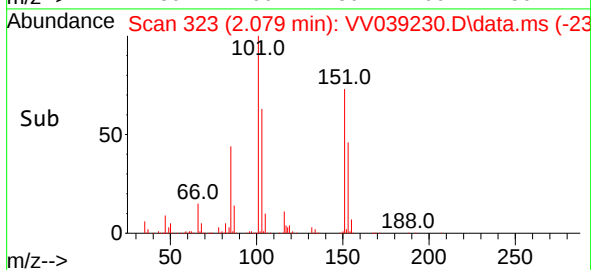
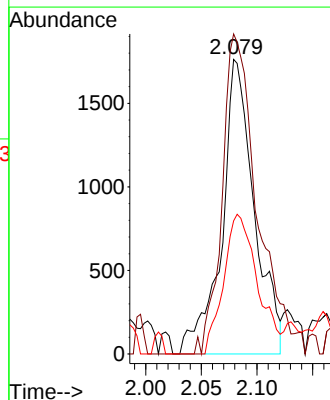
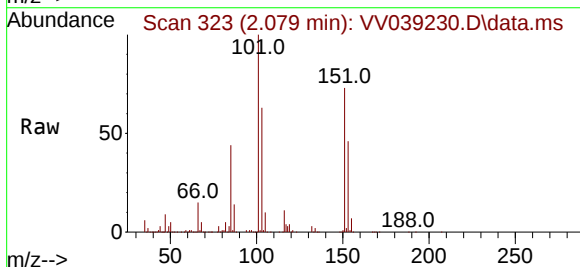
Instrument :
MSVOA_V
ClientSampleId :
MW-31D-091825DL

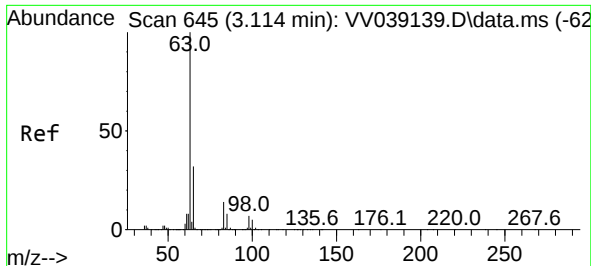
Tgt Ion:101 Resp: 429996
Ion Ratio Lower Upper
101 100
85 43.2 36.2 54.2
151 73.0 56.3 84.5



#12
1,1-Dichloroethene
Concen: 0.518 ug/l
RT: 2.079 min Scan# 323
Delta R.T. -0.003 min
Lab File: VV039230.D
Acq: 29 Sep 2025 14:38

Tgt Ion: 96 Resp: 3581
Ion Ratio Lower Upper
96 100
61 108.6 136.0 204.0#
98 45.2 51.0 76.6#

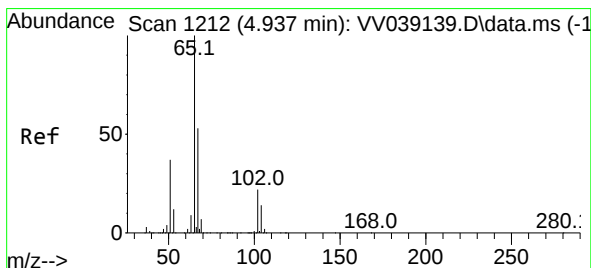
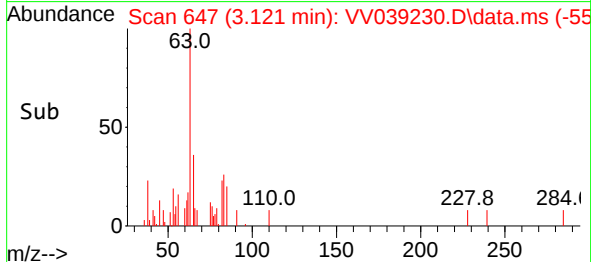
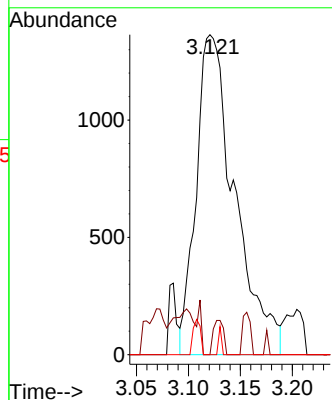
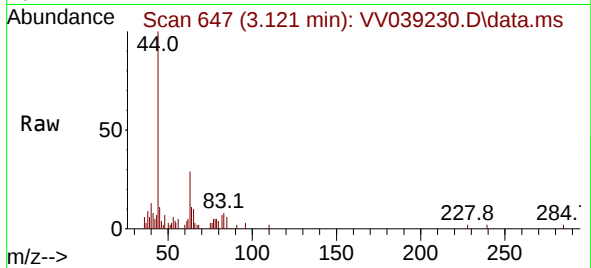




#24
 1,1-Dichloroethane
 Concen: 0.244 ug/l
 RT: 3.121 min Scan# 645
 Delta R.T. 0.006 min
 Lab File: VV039230.D
 Acq: 29 Sep 2025 14:38

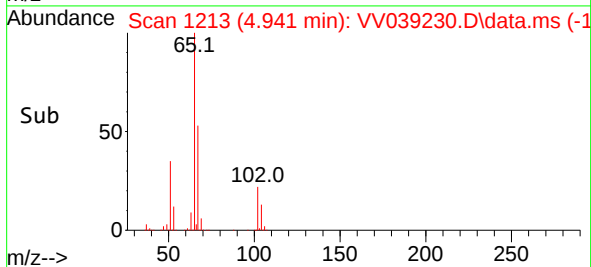
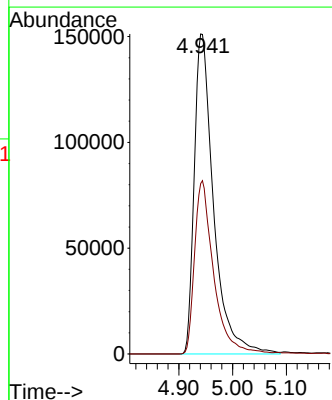
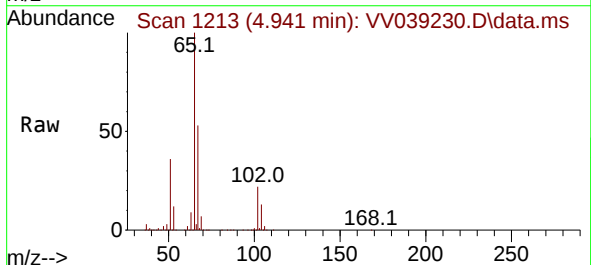
Instrument :
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 ClientSampleId :
 MW-31D-091825DL

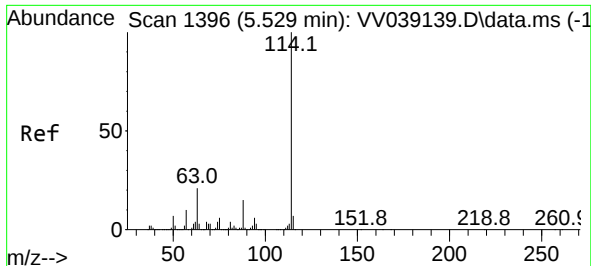
Tgt Ion: 63 Resp: 3525
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.4 10.2#
 100 0.0 2.2 6.6#



#33
 1,2-Dichloroethane-d4
 Concen: 56.883 ug/l
 RT: 4.941 min Scan# 1213
 Delta R.T. 0.003 min
 Lab File: VV039230.D
 Acq: 29 Sep 2025 14:38

Tgt Ion: 65 Resp: 377389
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.535 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV039230.D

Acq: 29 Sep 2025 14:38

Instrument :

MSVOA_V

ClientSampleId :

MW-31D-091825DL

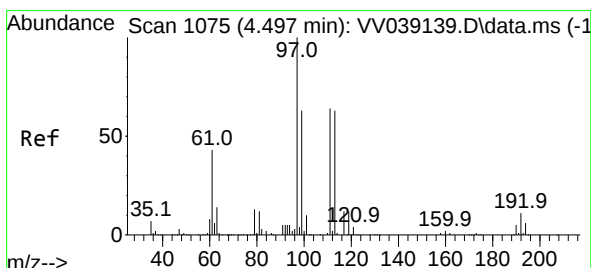
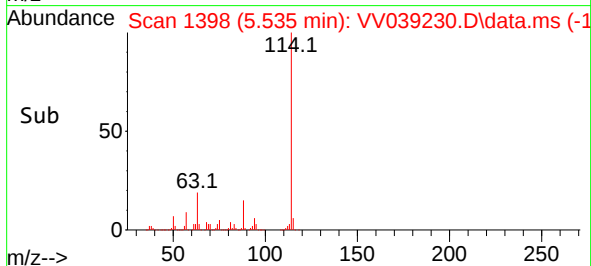
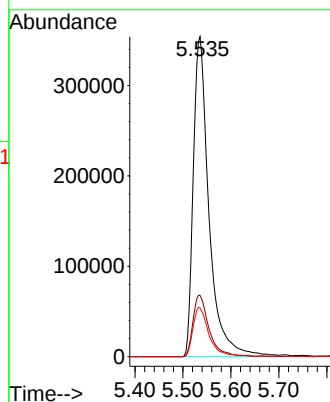
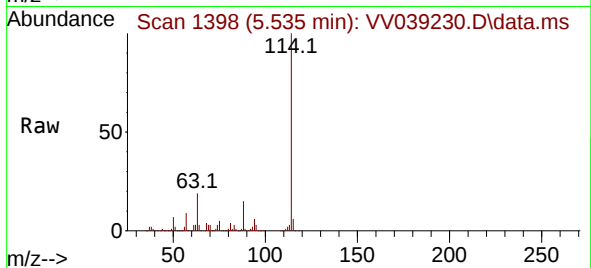
Tgt Ion:114 Resp: 805402

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.6

88 15.2 0.0 30.8



#35

Dibromofluoromethane

Concen: 55.758 ug/l

RT: 4.500 min Scan# 1076

Delta R.T. 0.003 min

Lab File: VV039230.D

Acq: 29 Sep 2025 14:38

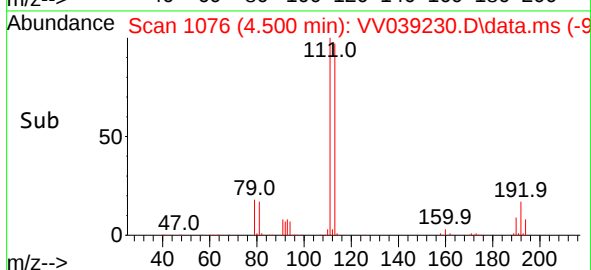
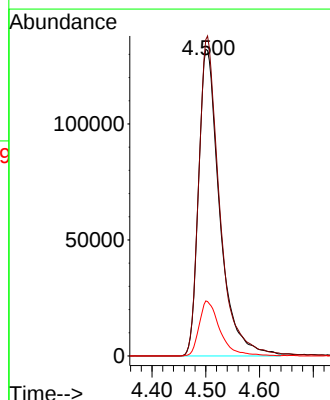
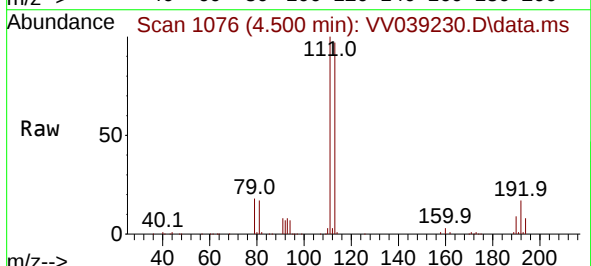
Tgt Ion:113 Resp: 361022

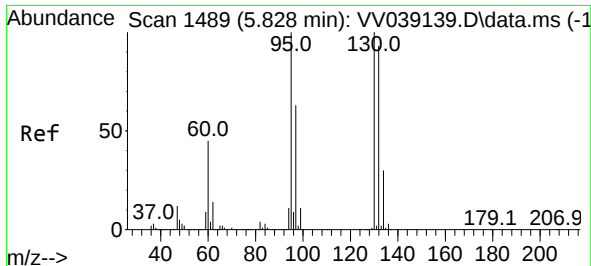
Ion Ratio Lower Upper

113 100

111 102.4 82.4 123.6

192 17.7 13.8 20.8

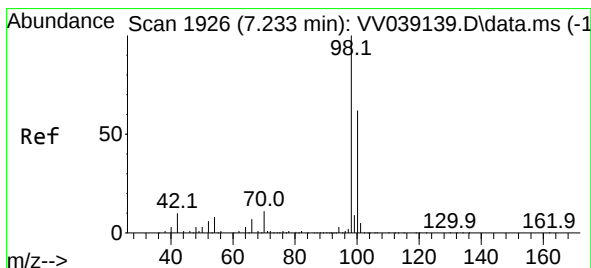
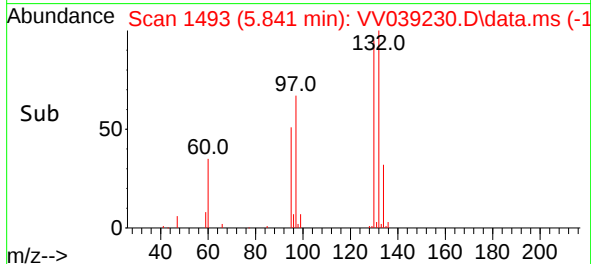
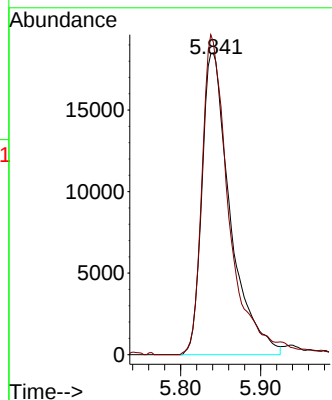
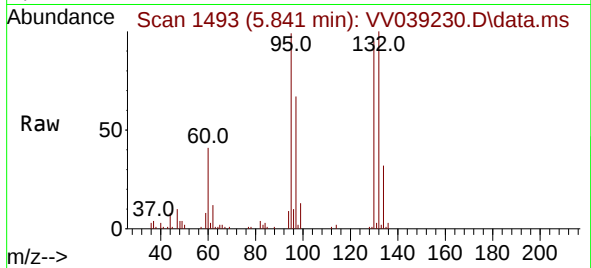




#44
Trichloroethene
Concen: 6.176 ug/l
RT: 5.841 min Scan# 1489
Delta R.T. 0.013 min
Lab File: VV039230.D
Acq: 29 Sep 2025 14:38

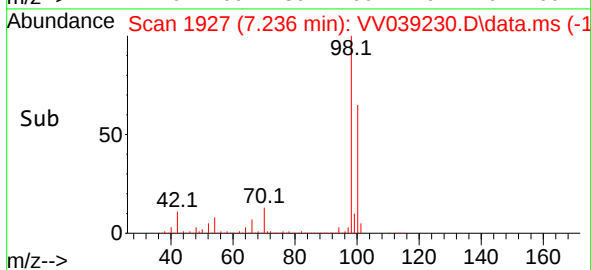
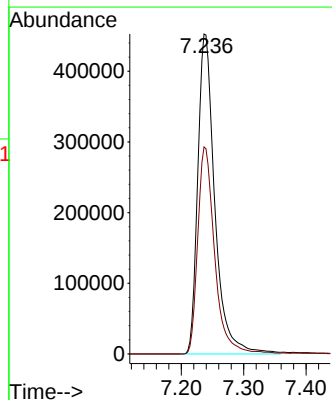
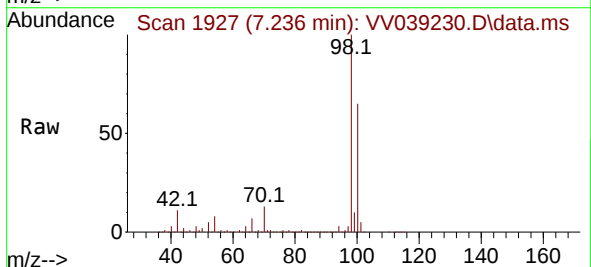
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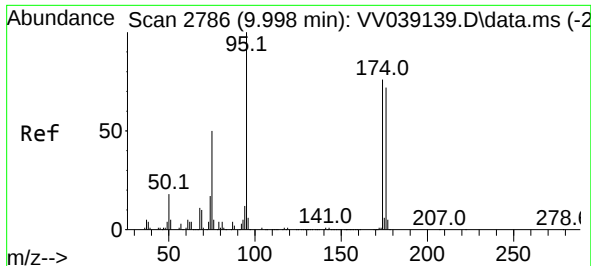
Tgt Ion:130 Resp: 45433
Ion Ratio Lower Upper
130 100
95 103.5 0.0 199.2



#50
Toluene-d8
Concen: 45.161 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. 0.003 min
Lab File: VV039230.D
Acq: 29 Sep 2025 14:38

Tgt Ion: 98 Resp: 858799
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.2

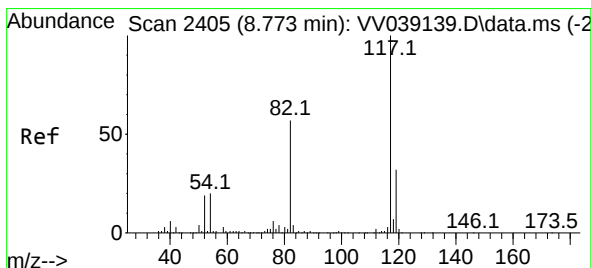
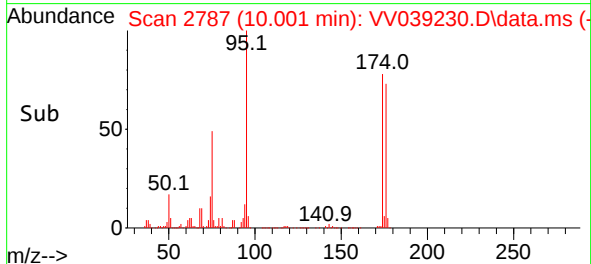
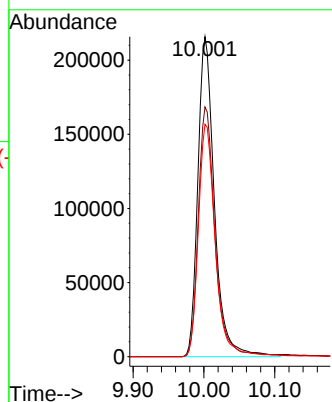
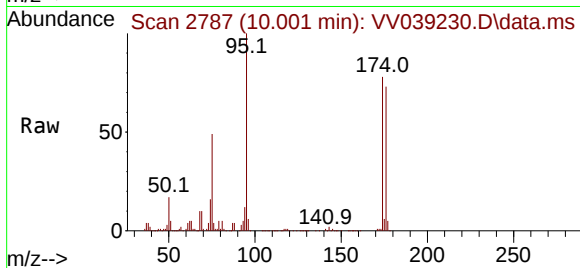




#62
4-Bromofluorobenzene
Concen: 44.775 ug/l
RT: 10.001 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039230.D
Acq: 29 Sep 2025 14:38

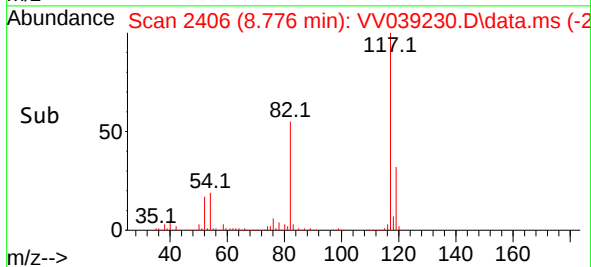
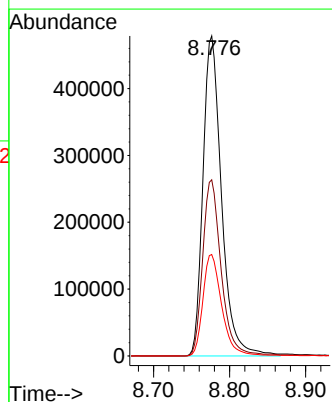
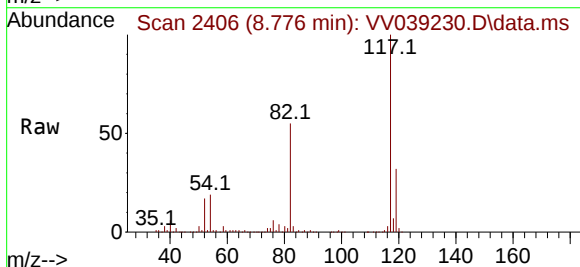
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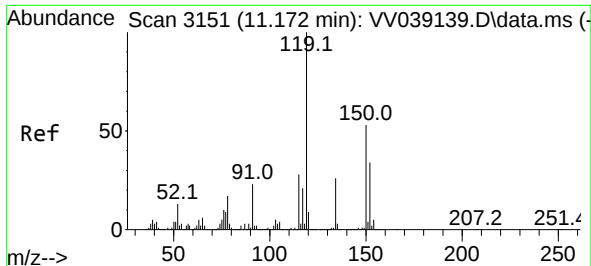
Tgt Ion: 95 Resp: 350525
Ion Ratio Lower Upper
95 100
174 79.0 0.0 150.4
176 73.7 0.0 144.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.003 min
Lab File: VV039230.D
Acq: 29 Sep 2025 14:38

Tgt Ion: 117 Resp: 812071
Ion Ratio Lower Upper
117 100
82 55.1 45.4 68.2
119 31.7 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: VV039230.D

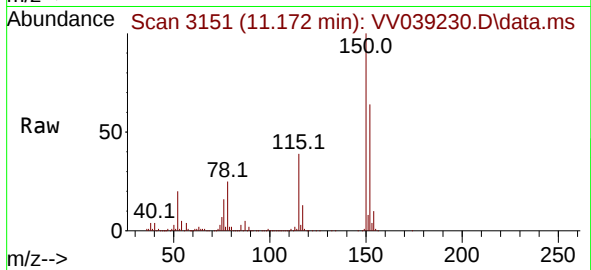
Acq: 29 Sep 2025 14:38

Instrument :

MSVOA_V

ClientSampleId :

MW-31D-091825DL



Tgt Ion:152 Resp: 405371

Ion Ratio Lower Upper

152 100

115 59.5 44.8 134.4

150 155.4 0.0 353.8

