

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092625\
 Data File : VV039213.D
 Acq On : 26 Sep 2025 15:20
 Operator : SY/MD
 Sample : Q3195-14
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-29-092325

Quant Time: Sep 27 02:58:01 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)

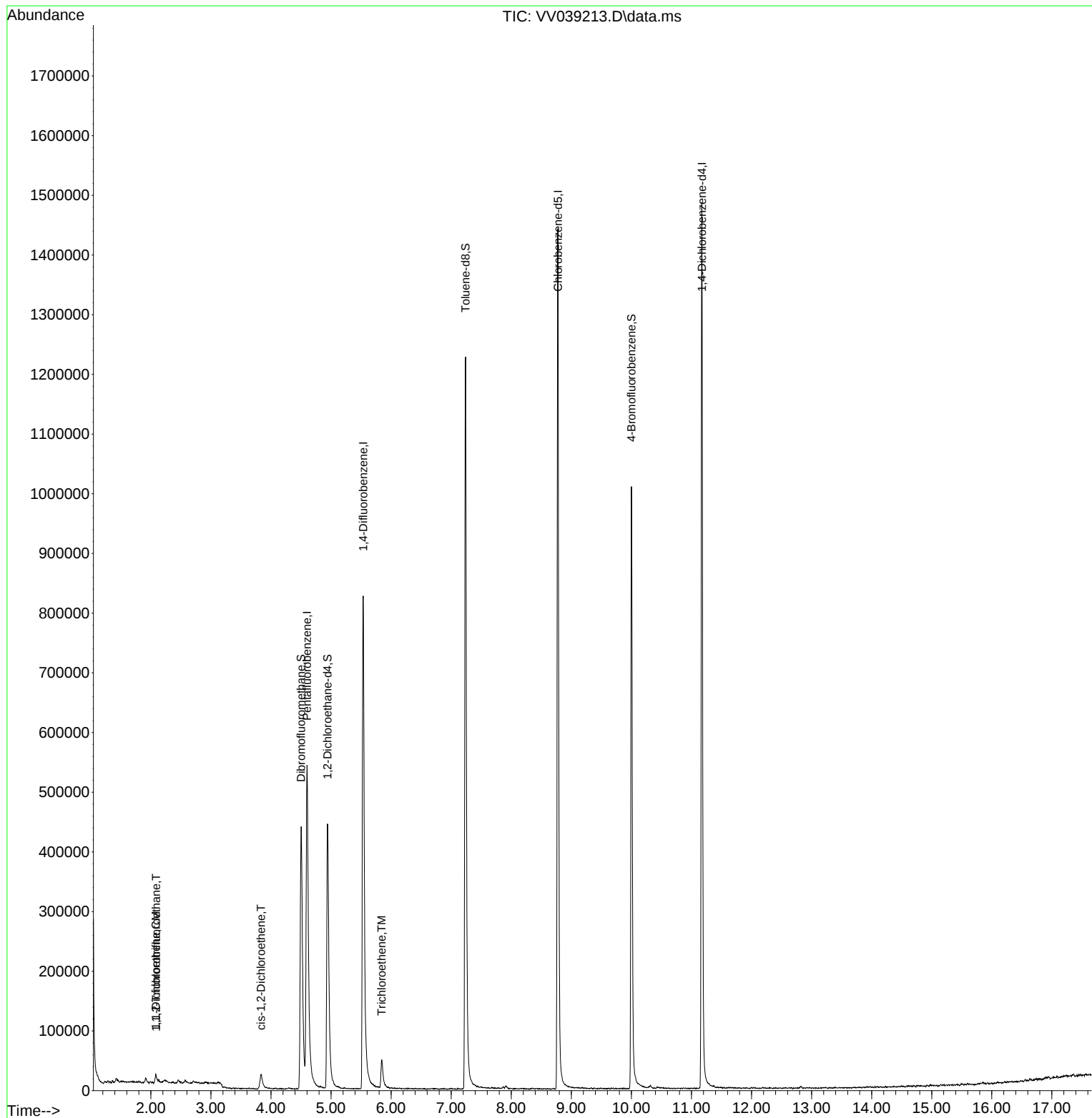
Internal Standards						
1) Pentafluorobenzene	4.600	168	450640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	819940	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	841715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	391674	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	402866	61.769	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	123.540%#
35) Dibromofluoromethane	4.503	113	368992	55.979	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	111.960%
50) Toluene-d8	7.239	98	896272	46.296	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	92.600%
62) 4-Bromofluorobenzene	10.001	95	348361	43.710	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	87.420%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.089	101	2185	0.309	ug/l	# 85
12) 1,1-Dichloroethene	2.082	96	2472	0.364	ug/l	83
27) cis-1,2-Dichloroethene	3.834	96	13996	1.754	ug/l	81
44) Trichloroethene	5.844	130	21362	2.853	ug/l	99

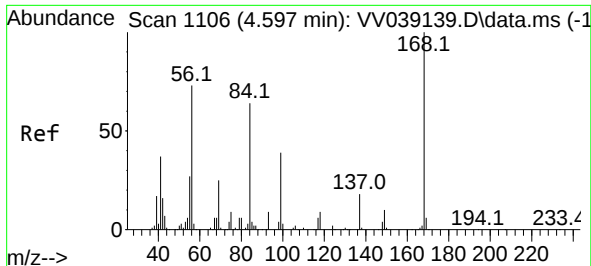
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092625\
Data File : VV039213.D
Acq On : 26 Sep 2025 15:20
Operator : SY/MD
Sample : Q3195-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-29-092325

Quant Time: Sep 27 02:58:01 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

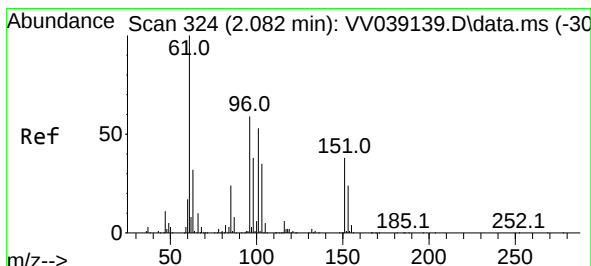
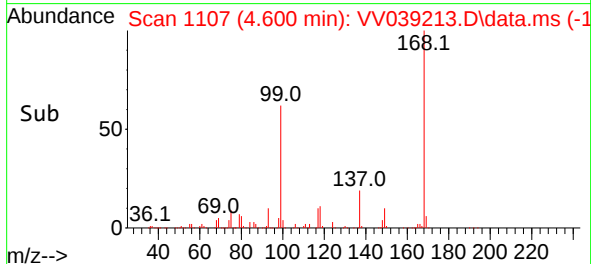
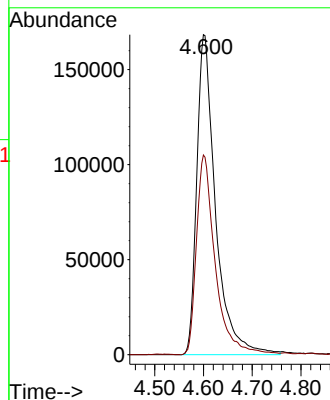
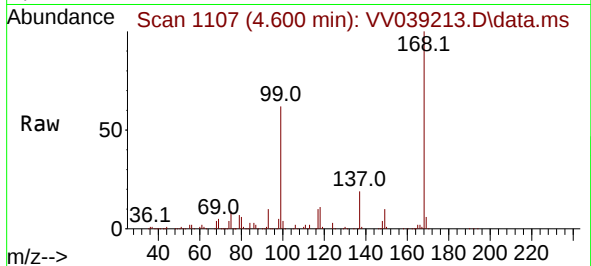




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1106
Delta R.T. 0.003 min
Lab File: VV039213.D
Acq: 26 Sep 2025 15:20

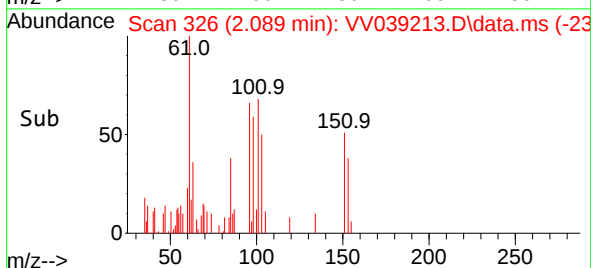
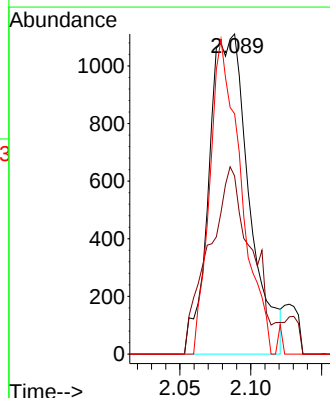
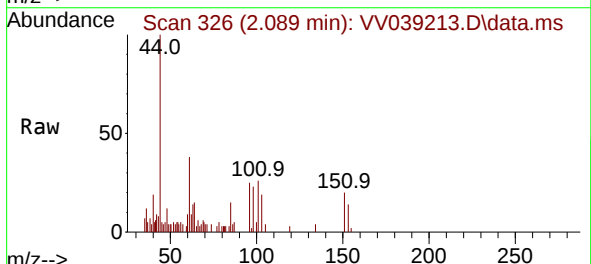
Instrument :
MSVOA_V
ClientSampleId :
MW-29-092325

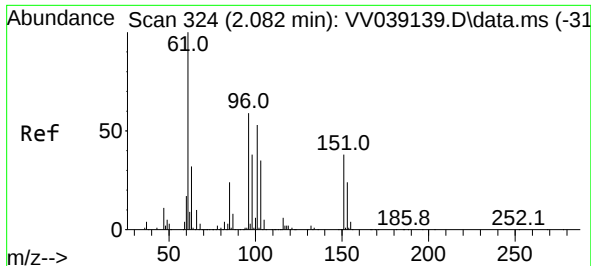
Tgt Ion:168 Resp: 450640
Ion Ratio Lower Upper
168 100
99 62.4 49.6 74.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.309 ug/l
RT: 2.089 min Scan# 326
Delta R.T. 0.006 min
Lab File: VV039213.D
Acq: 26 Sep 2025 15:20

Tgt Ion:101 Resp: 2185
Ion Ratio Lower Upper
101 100
85 62.2 36.2 54.2#
151 76.8 56.3 84.5





#12

1,1-Dichloroethene

Concen: 0.364 ug/l

RT: 2.082 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039213.D

Acq: 26 Sep 2025 15:20

Instrument :

MSVOA_V

ClientSampleId :

MW-29-092325

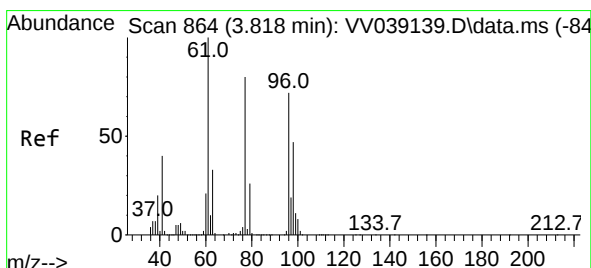
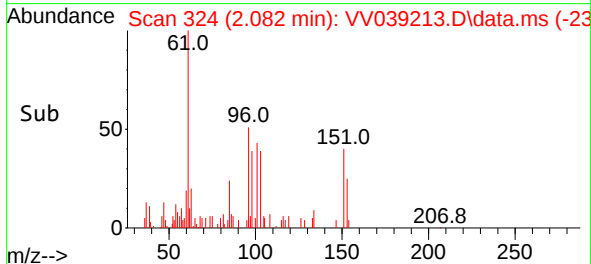
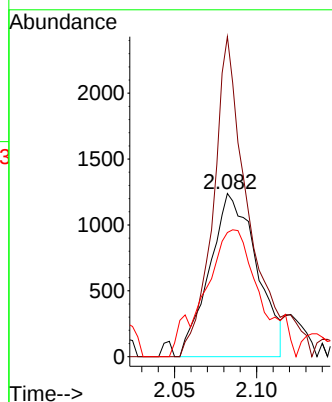
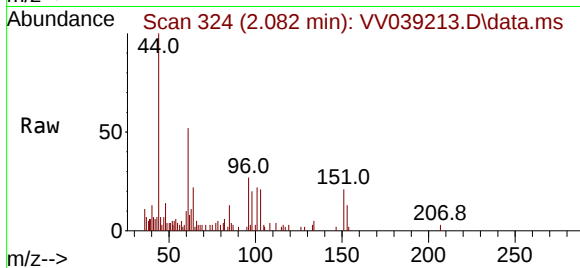
Tgt Ion: 96 Resp: 2472

Ion Ratio Lower Upper

96 100

61 196.0 136.0 204.0

98 54.1 51.0 76.6



#27

cis-1,2-Dichloroethene

Concen: 1.754 ug/l

RT: 3.834 min Scan# 869

Delta R.T. 0.016 min

Lab File: VV039213.D

Acq: 26 Sep 2025 15:20

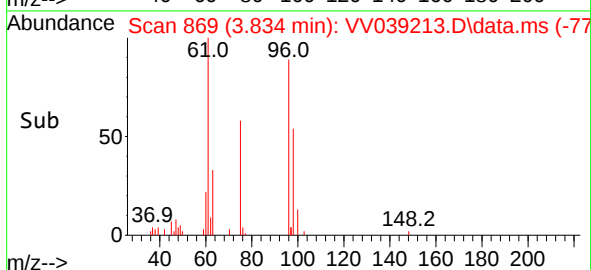
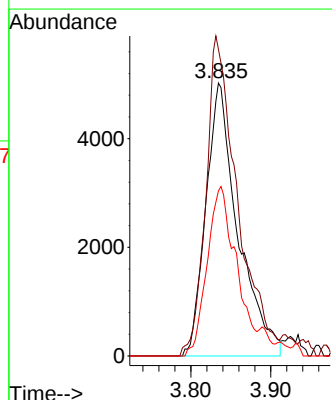
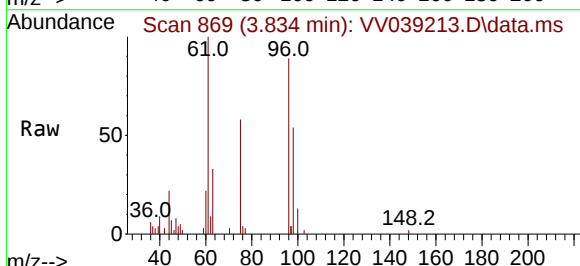
Tgt Ion: 96 Resp: 13996

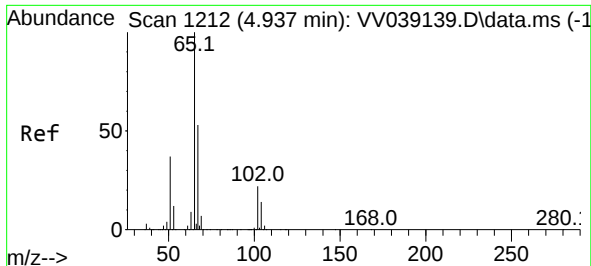
Ion Ratio Lower Upper

96 100

61 115.0 0.0 286.4

98 56.4 0.0 126.6

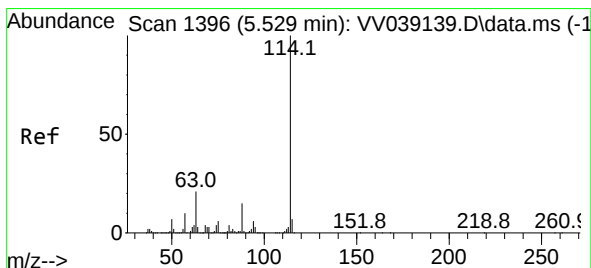
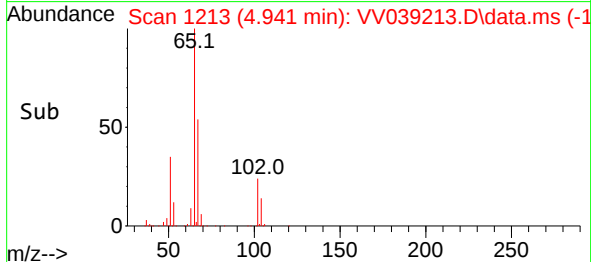
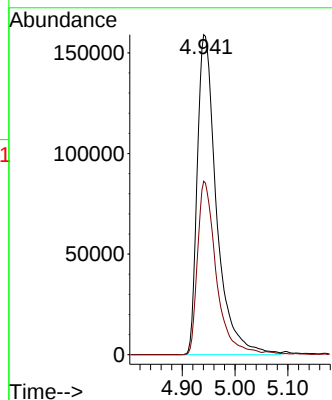
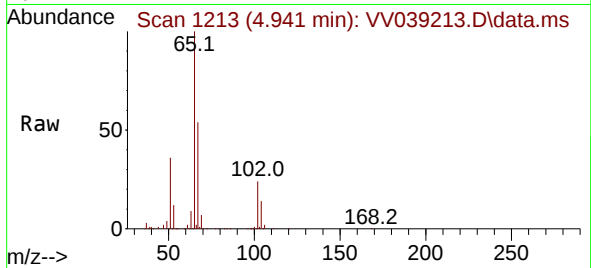




#33
1,2-Dichloroethane-d4
Concen: 61.769 ug/l
RT: 4.941 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV039213.D
Acq: 26 Sep 2025 15:20

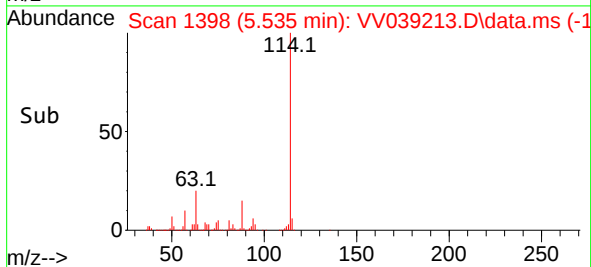
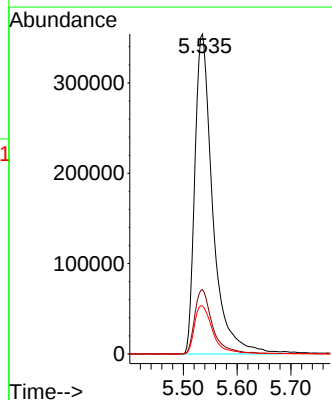
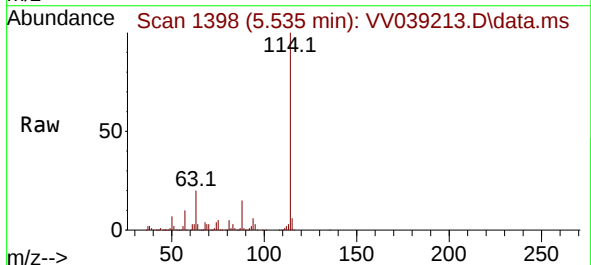
Instrument :
MSVOA_V
ClientSampleId :
MW-29-092325

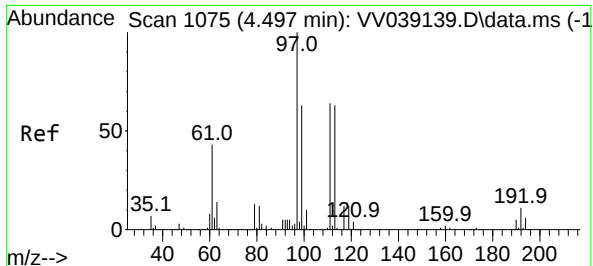
Tgt Ion: 65 Resp: 402866
Ion Ratio Lower Upper
65 100
67 52.5 0.0 107.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.535 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VV039213.D
Acq: 26 Sep 2025 15:20

Tgt Ion: 114 Resp: 819940
Ion Ratio Lower Upper
114 100
63 20.1 0.0 42.6
88 14.9 0.0 30.8

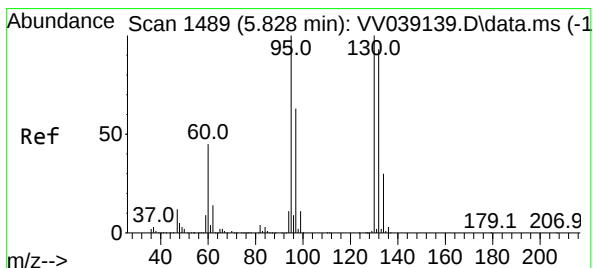
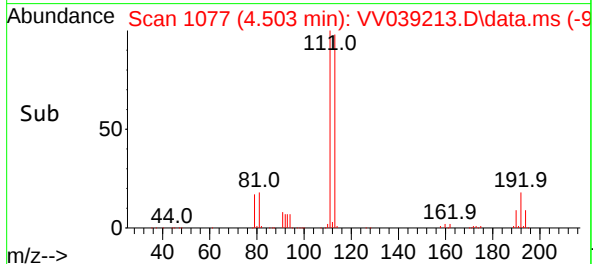
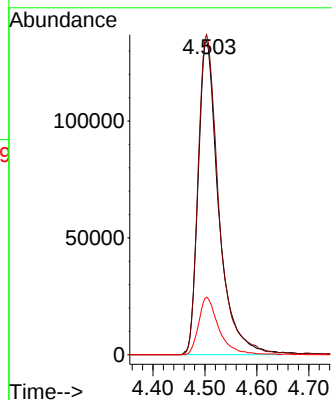
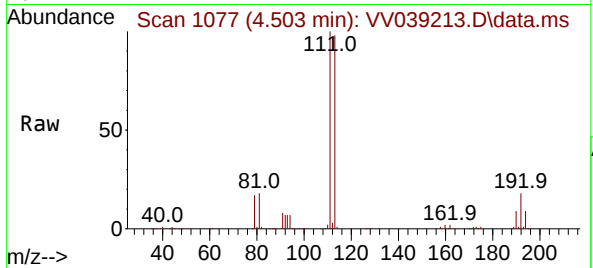




#35
Dibromofluoromethane
Concen: 55.979 ug/l
RT: 4.503 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VV039213.D
Acq: 26 Sep 2025 15:20

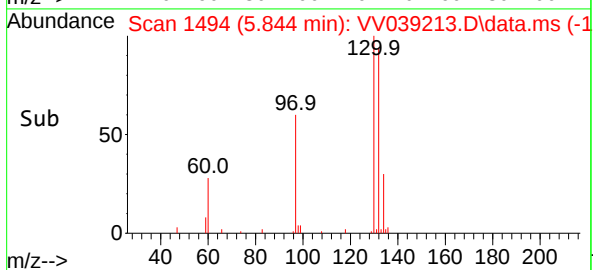
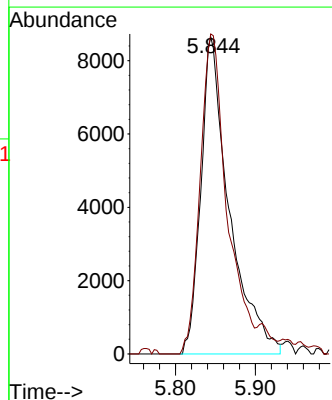
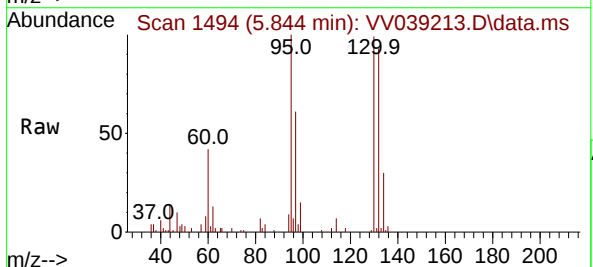
Instrument :
MSVOA_V
ClientSampleId :
MW-29-092325

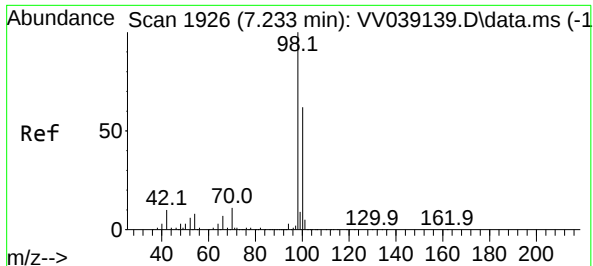
Tgt Ion:113 Resp: 368992
Ion Ratio Lower Upper
113 100
111 102.4 82.4 123.6
192 17.9 13.8 20.8



#44
Trichloroethene
Concen: 2.853 ug/l
RT: 5.844 min Scan# 1494
Delta R.T. 0.016 min
Lab File: VV039213.D
Acq: 26 Sep 2025 15:20

Tgt Ion:130 Resp: 21362
Ion Ratio Lower Upper
130 100
95 101.0 0.0 199.2

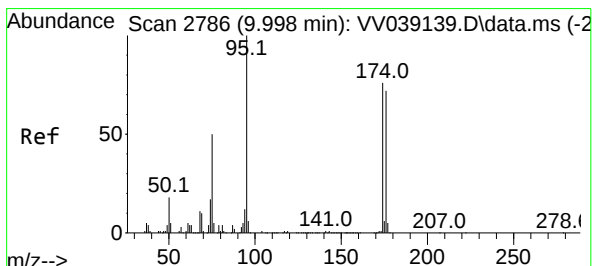
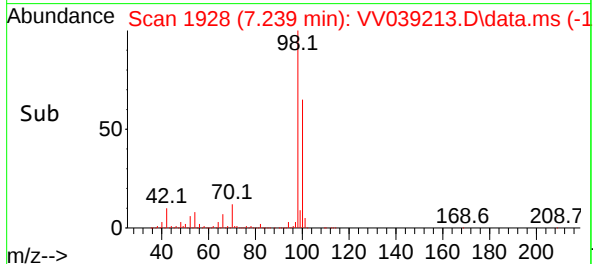
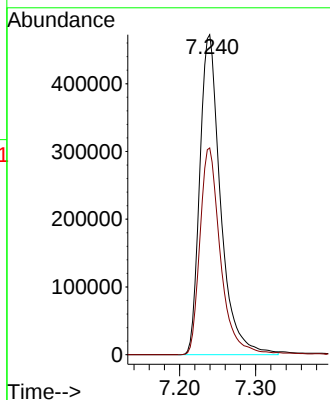
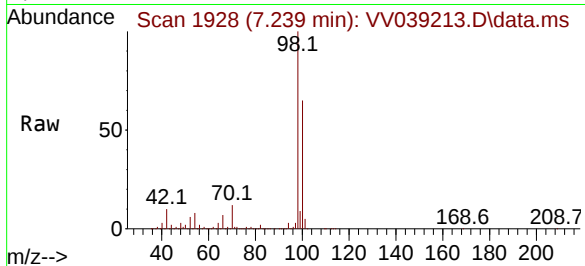




#50
Toluene-d8
Concen: 46.296 ug/l
RT: 7.239 min Scan# 1926
Delta R.T. 0.006 min
Lab File: VV039213.D
Acq: 26 Sep 2025 15:20

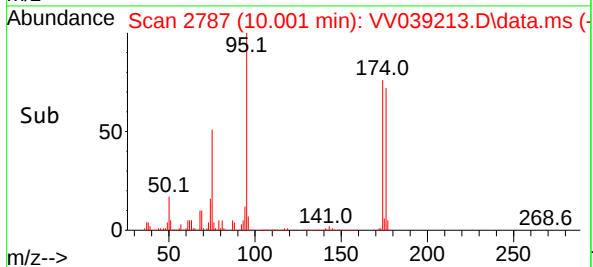
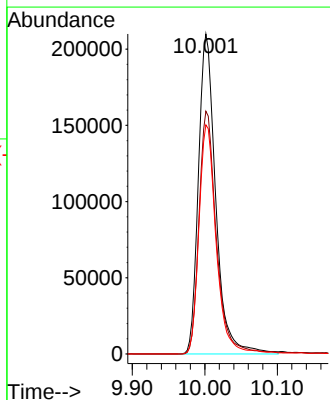
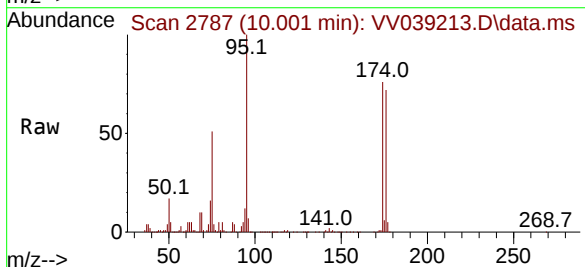
Instrument :
MSVOA_V
ClientSampleId :
MW-29-092325

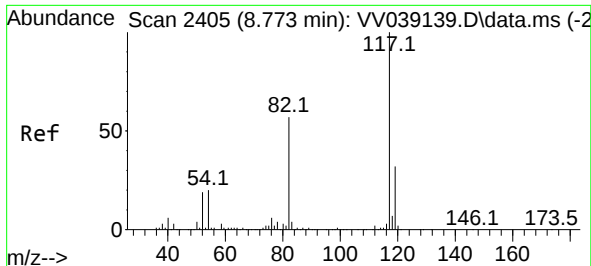
Tgt Ion: 98 Resp: 896272
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 43.710 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039213.D
Acq: 26 Sep 2025 15:20

Tgt Ion: 95 Resp: 348361
Ion Ratio Lower Upper
95 100
174 76.4 0.0 150.4
176 70.5 0.0 144.2

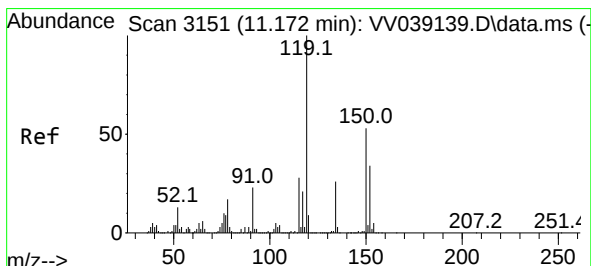
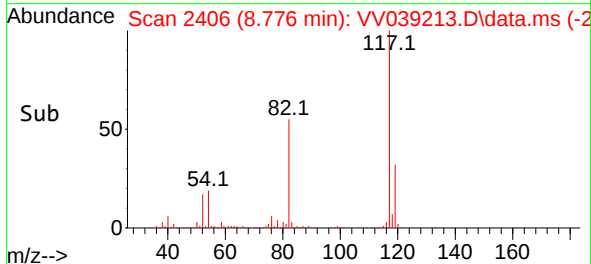
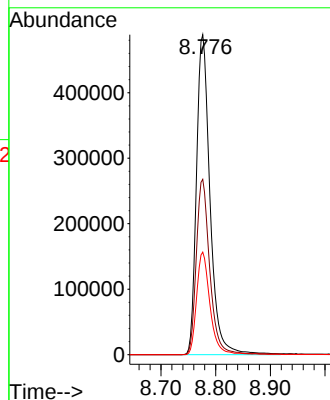
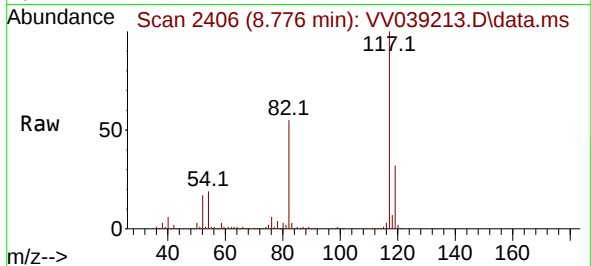




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV039213.D
Acq: 26 Sep 2025 15:20

Instrument :
MSVOA_V
ClientSampleId :
MW-29-092325

Tgt Ion:117 Resp: 841715
Ion Ratio Lower Upper
117 100
82 54.8 45.4 68.2
119 32.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV039213.D
Acq: 26 Sep 2025 15:20

Tgt Ion:152 Resp: 391674
Ion Ratio Lower Upper
152 100
115 61.8 44.8 134.4
150 159.3 0.0 353.8

