

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
 Data File : VV039323.D
 Acq On : 04 Nov 2025 18:32
 Operator : SY/MD
 Sample : Q3534-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-11

Quant Time: Nov 05 00:41:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:01:26 2025
 Response via : Initial Calibration

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

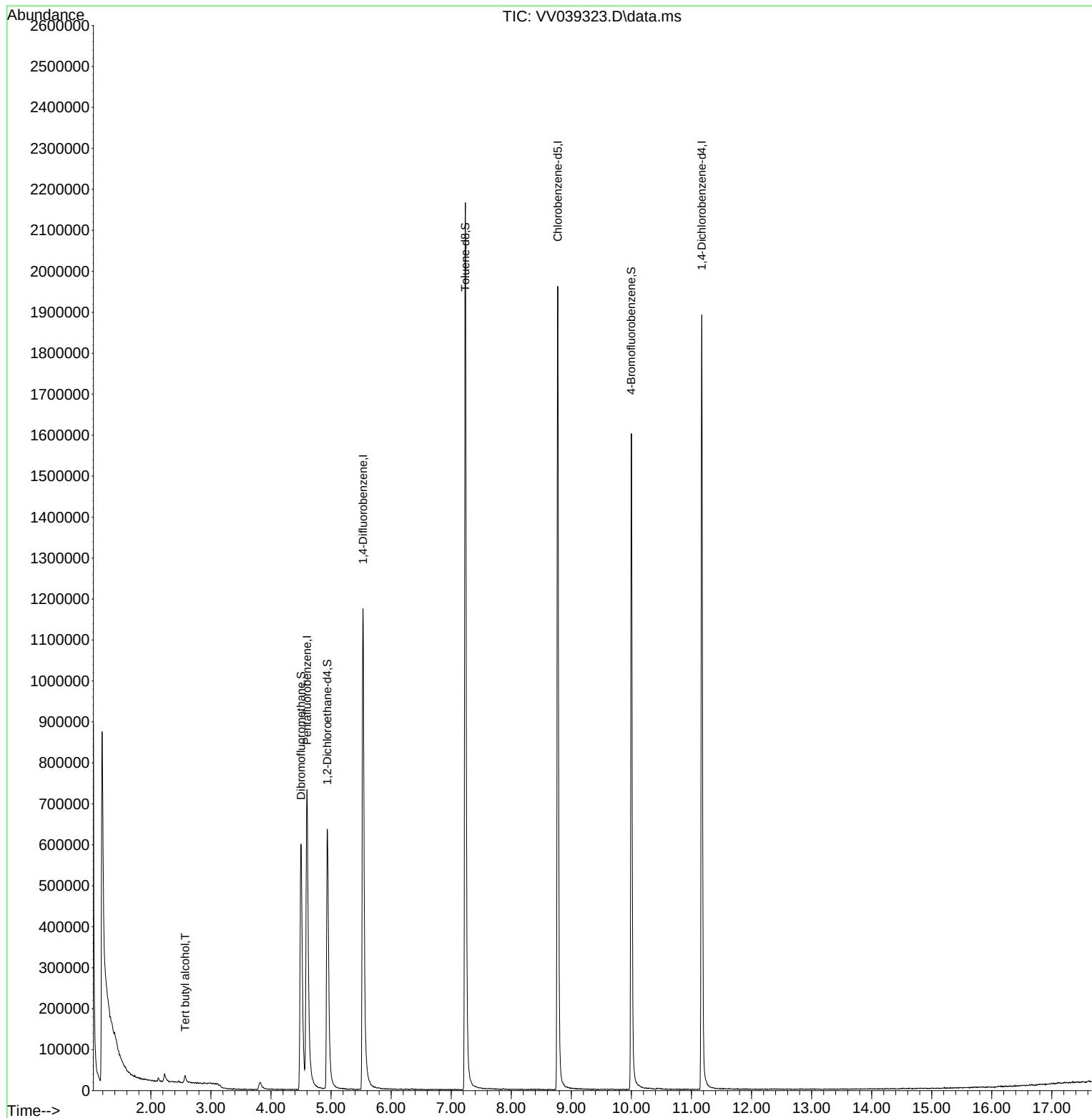
Internal Standards						
1) Pentafluorobenzene	4.600	168	635366	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1165878	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1122738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	520406	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	575110	63.701	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 127.400%#	
35) Dibromofluoromethane	4.500	113	504189	54.885	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 109.760%	
50) Toluene-d8	7.236	98	1571852	50.297	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 100.600%	
62) 4-Bromofluorobenzene	9.998	95	546785	49.128	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 98.260%	
Target Compounds						
11) Tert butyl alcohol	2.571	59	10599	6.058	ug/l	Qvalue # 85

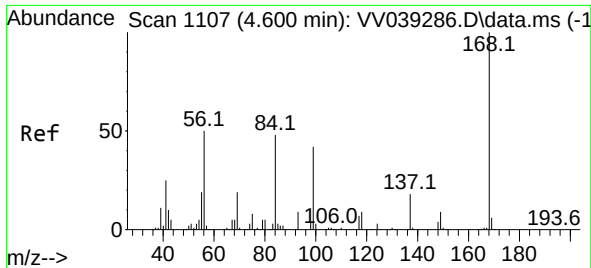
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
Data File : VV039323.D
Acq On : 04 Nov 2025 18:32
Operator : SY/MD
Sample : Q3534-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MW-11

Quant Time: Nov 05 00:41:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:01:26 2025
Response via : Initial Calibration

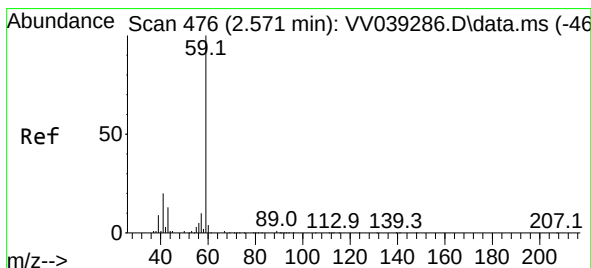
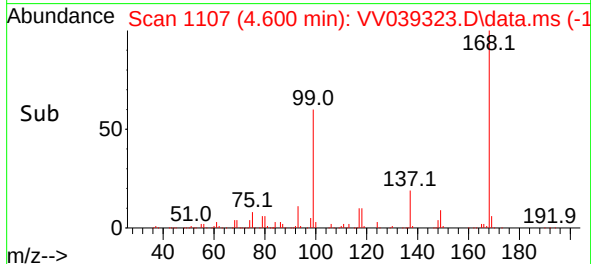
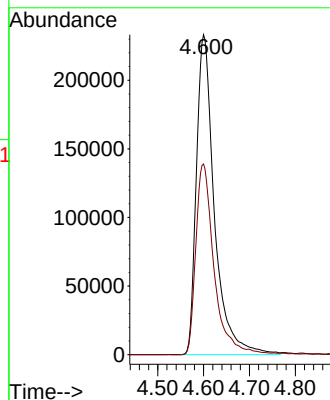
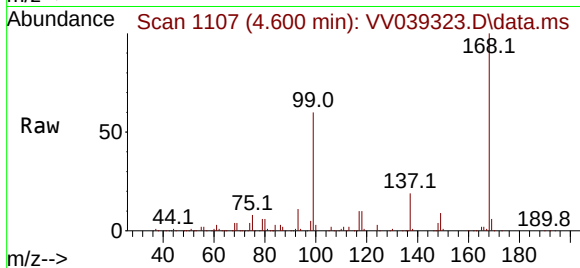




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VV039323.D
Acq: 04 Nov 2025 18:32

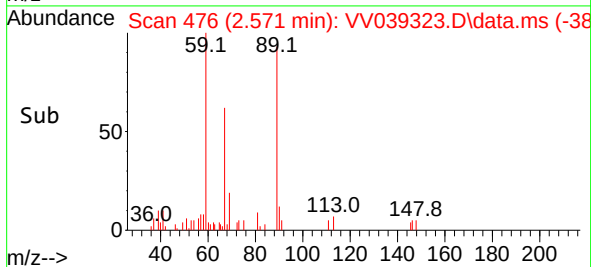
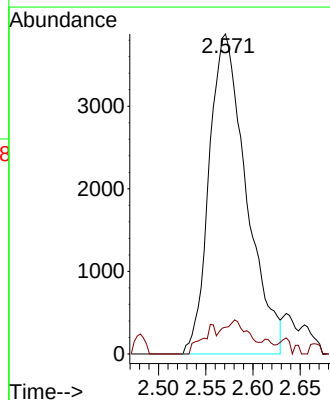
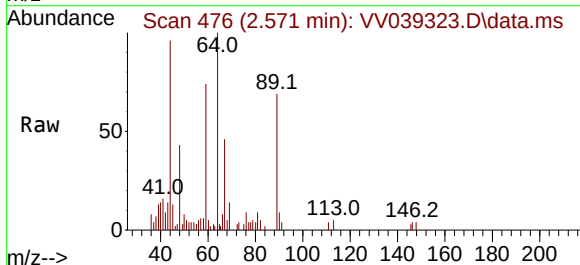
Instrument :
MSVOA_V
ClientSampleId :
MW-11

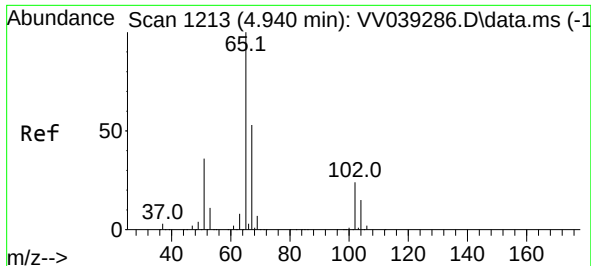
Tgt Ion:168 Resp: 635366
Ion Ratio Lower Upper
168 100
99 59.6 46.6 70.0



#11
Tert butyl alcohol
Concen: 6.058 ug/l
RT: 2.571 min Scan# 476
Delta R.T. 0.000 min
Lab File: VV039323.D
Acq: 04 Nov 2025 18:32

Tgt Ion: 59 Resp: 10599
Ion Ratio Lower Upper
59 100
57 4.4 8.1 12.1#





#33

1,2-Dichloroethane-d4

Concen: 63.701 ug/l

RT: 4.937 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV039323.D

Acq: 04 Nov 2025 18:32

Instrument :

MSVOA_V

ClientSampleId :

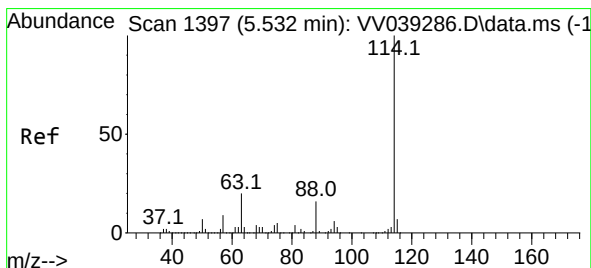
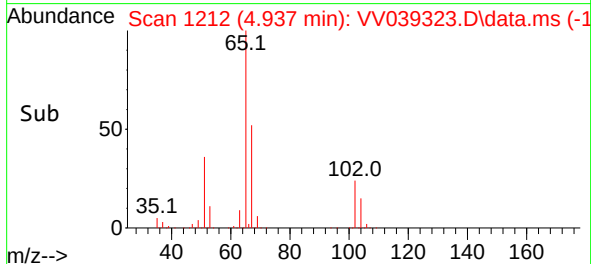
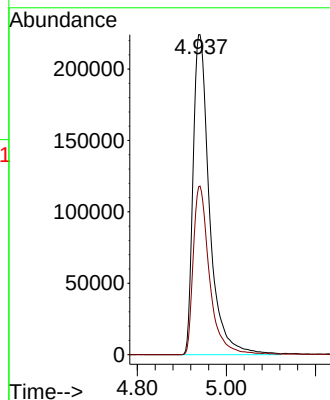
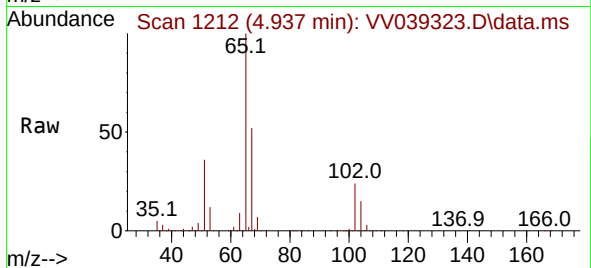
MW-11

Tgt Ion: 65 Resp: 575110

Ion Ratio Lower Upper

65 100

67 52.0 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VV039323.D

Acq: 04 Nov 2025 18:32

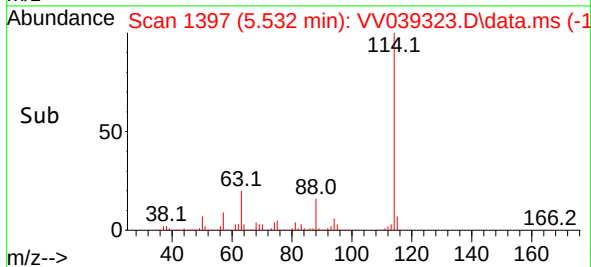
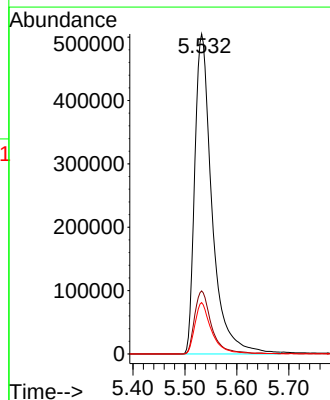
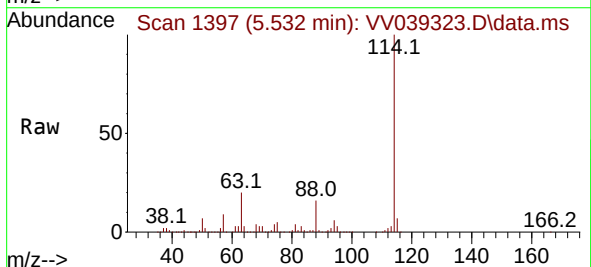
Tgt Ion:114 Resp: 1165878

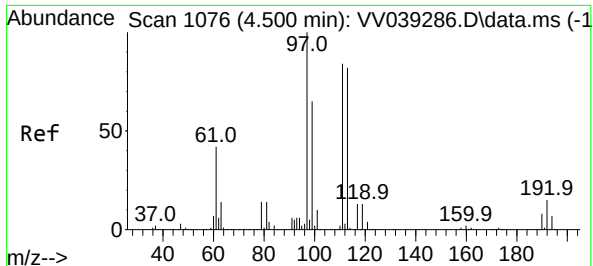
Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.6

88 16.1 0.0 31.6

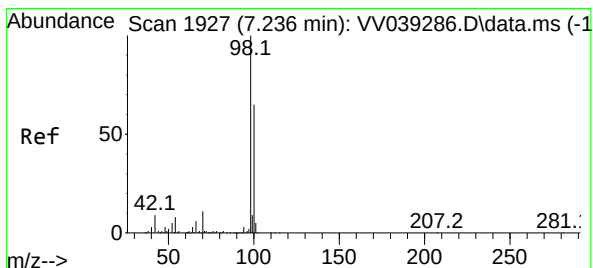
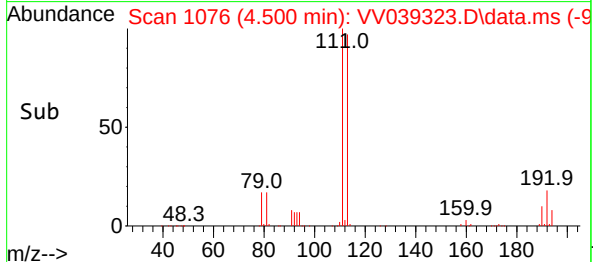
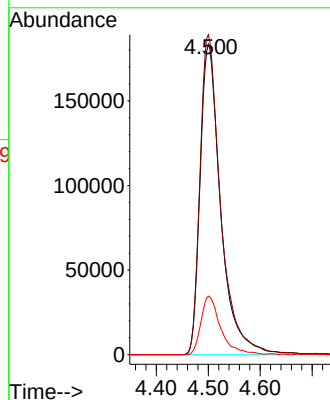
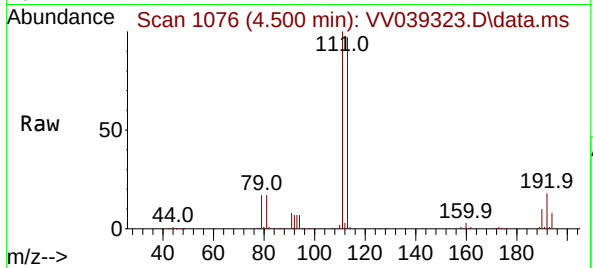




#35
Dibromofluoromethane
Concen: 54.885 ug/l
RT: 4.500 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VV039323.D
Acq: 04 Nov 2025 18:32

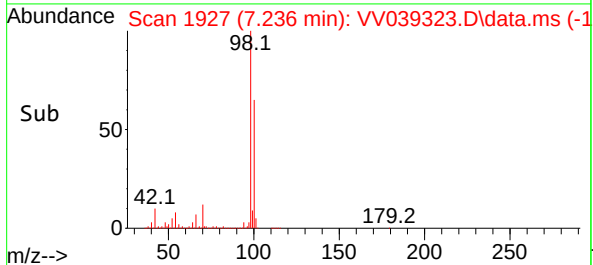
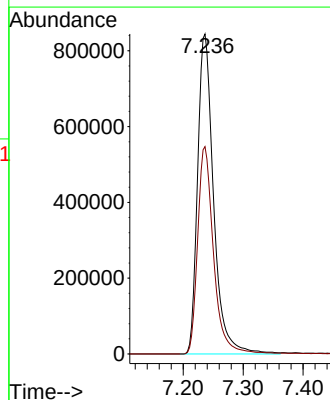
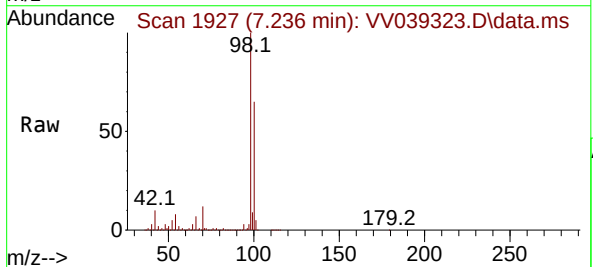
Instrument :
MSVOA_V
ClientSampleId :
MW-11

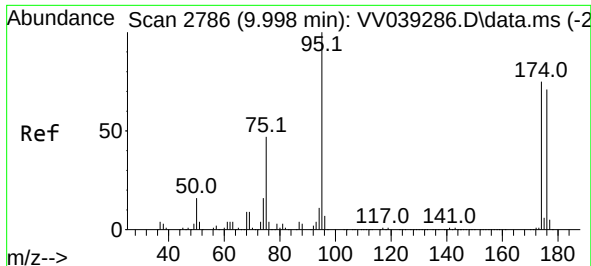
Tgt Ion:113 Resp: 504189
Ion Ratio Lower Upper
113 100
111 103.3 82.0 123.0
192 18.1 14.3 21.5



#50
Toluene-d8
Concen: 50.297 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VV039323.D
Acq: 04 Nov 2025 18:32

Tgt Ion: 98 Resp: 1571852
Ion Ratio Lower Upper
98 100
100 64.4 52.8 79.2

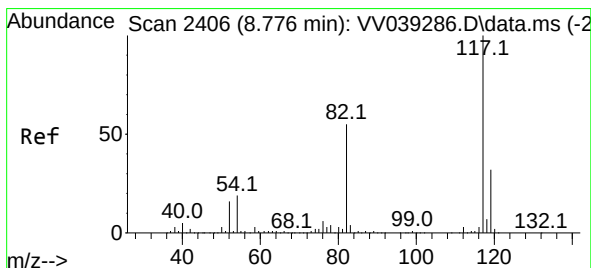
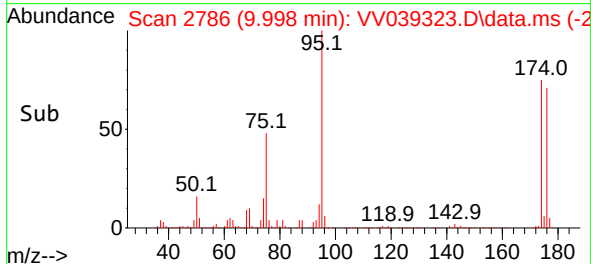
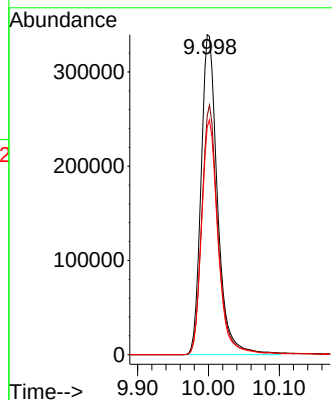
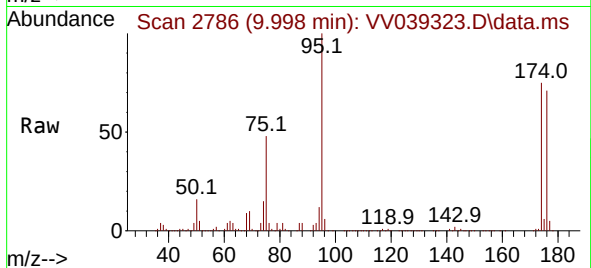




#62
4-Bromofluorobenzene
Concen: 49.128 ug/l
RT: 9.998 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039323.D
Acq: 04 Nov 2025 18:32

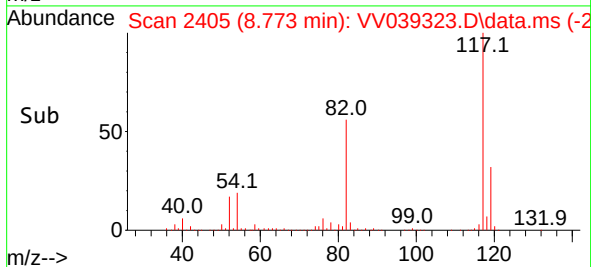
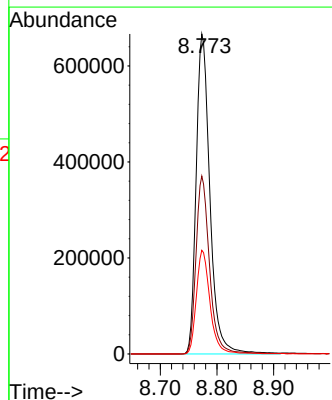
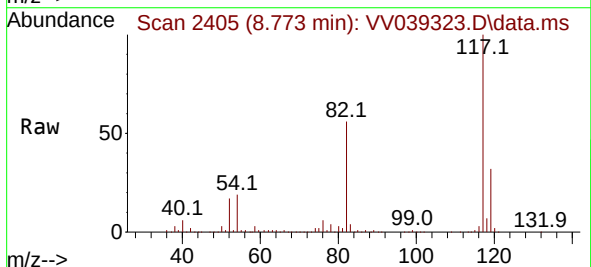
Instrument :
MSVOA_V
ClientSampleId :
MW-11

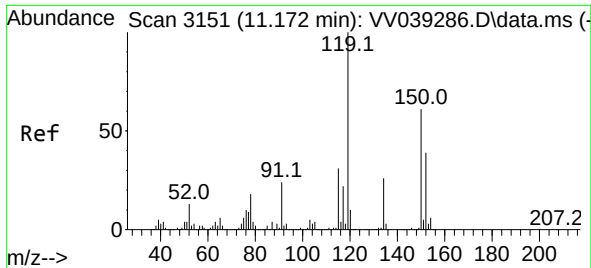
Tgt Ion: 95 Resp: 546785
Ion Ratio Lower Upper
95 100
174 77.3 0.0 153.6
176 73.0 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2405
Delta R.T. -0.003 min
Lab File: VV039323.D
Acq: 04 Nov 2025 18:32

Tgt Ion: 117 Resp: 1122738
Ion Ratio Lower Upper
117 100
82 55.6 43.8 65.8
119 32.4 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.172 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV039323.D
 Acq: 04 Nov 2025 18:32

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-11

Tgt Ion:152 Resp: 520406
 Ion Ratio Lower Upper
 152 100
 115 60.2 42.3 126.8
 150 155.2 0.0 348.0

