

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
 Data File : VX048087.D
 Acq On : 09 Oct 2025 15:22
 Operator : JC/MD
 Sample : Q3311-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5BA

Quant Time: Oct 10 01:26:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

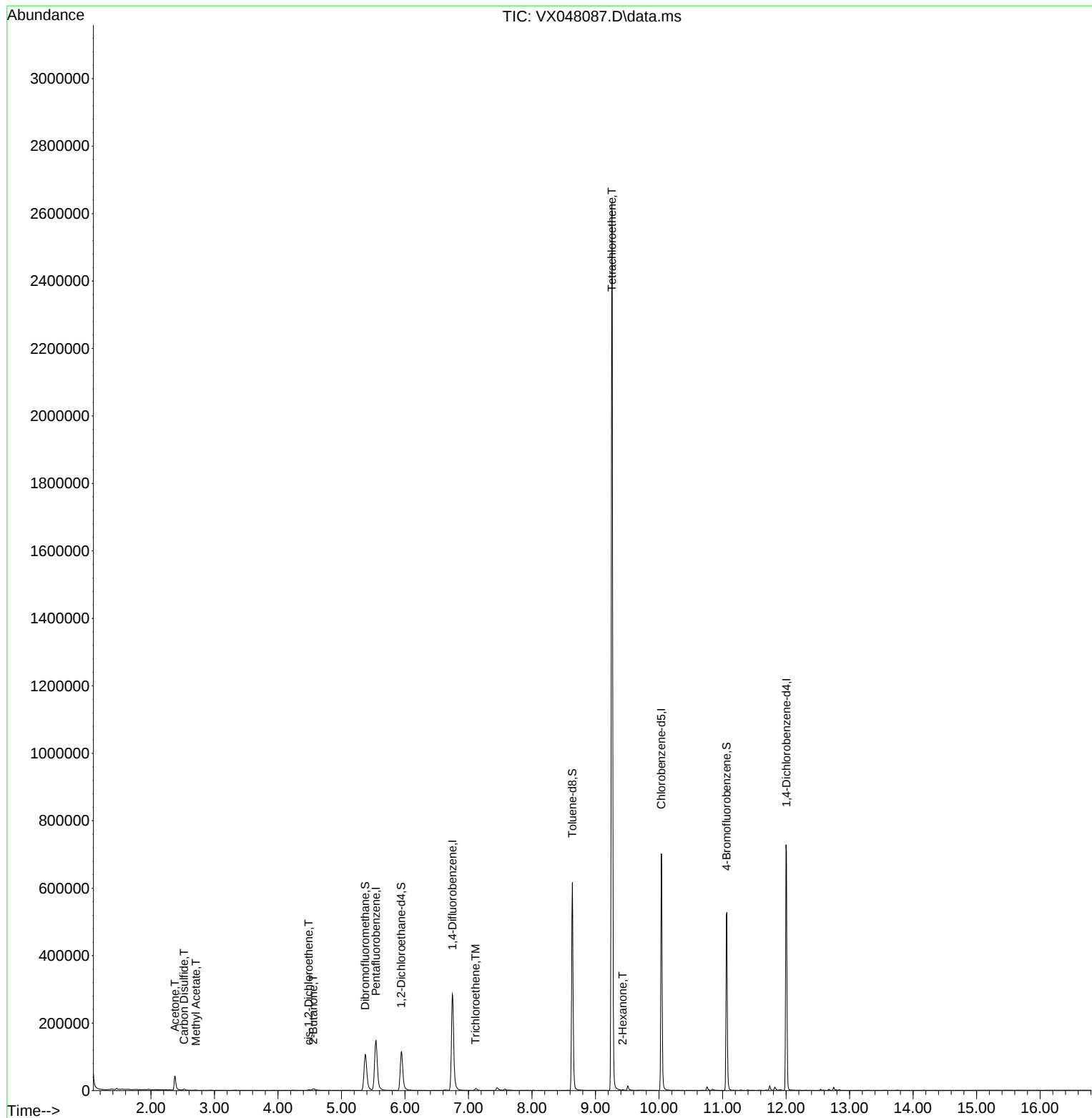
Internal Standards						
1) Pentafluorobenzene	5.544	168	148485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	308267	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	312468	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	154528	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	125754	53.207	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.420%			
35) Dibromofluoromethane	5.373	113	103224	49.929	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.860%			
50) Toluene-d8	8.635	98	365877	51.146	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.300%			
62) 4-Bromofluorobenzene	11.061	95	154182	56.790	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.580%			
Target Compounds					Qvalue	
16) Acetone	2.380	43	56479	54.959	ug/l	100
17) Carbon Disulfide	2.520	76	1798	0.372	ug/l	99
18) Methyl Acetate	2.709	43	1127	0.493	ug/l #	74
25) 2-Butanone	4.556	43	10397	8.111	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	1236	0.531	ug/l	89
44) Trichloroethene	7.110	130	2451	1.105	ug/l	87
59) 2-Hexanone	9.427	43	1278	0.605	ug/l	98
64) Tetrachloroethene	9.256	164	495261	243.137	ug/l	99

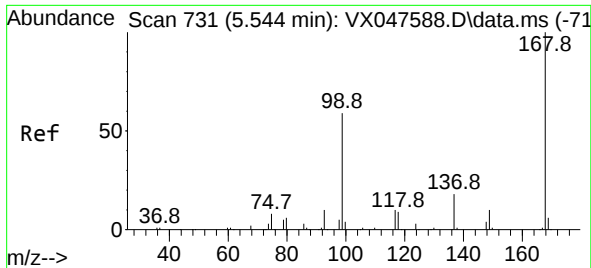
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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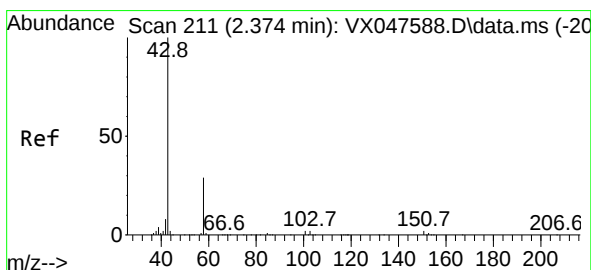
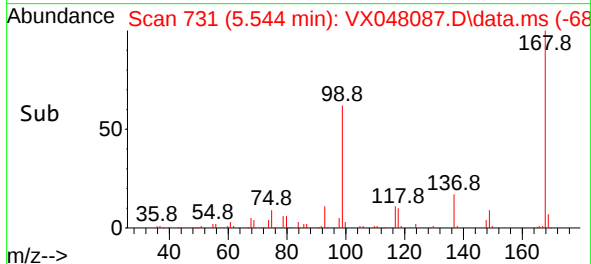
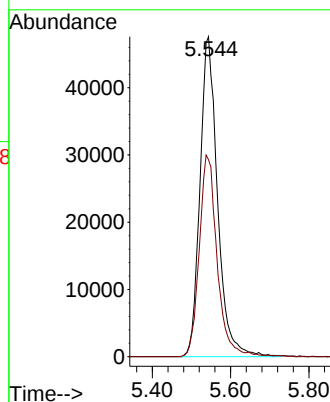
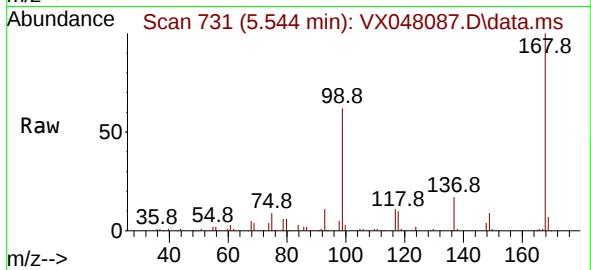




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX048087.D
Acq: 09 Oct 2025 15:22

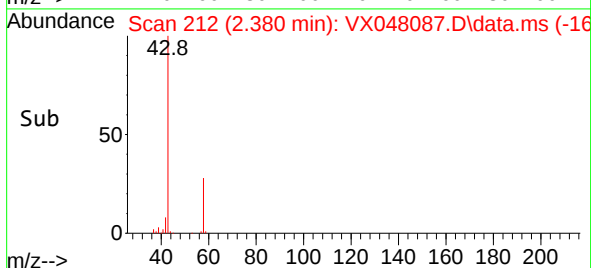
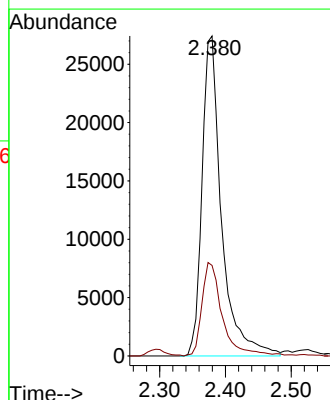
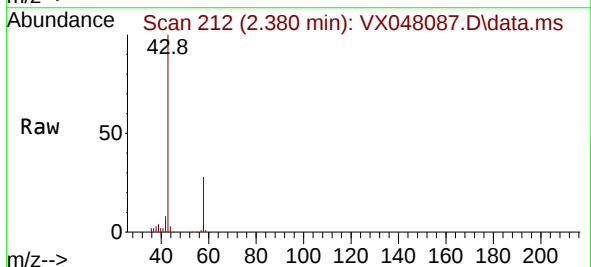
Instrument :
MSVOA_X
ClientSampleId :
MW-5BA

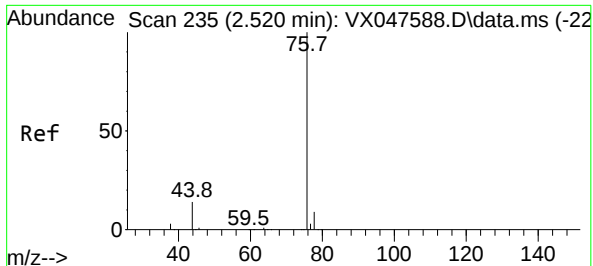
Tgt Ion:168 Resp: 148485
Ion Ratio Lower Upper
168 100
99 61.5 48.8 73.2



#16
Acetone
Concen: 54.959 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048087.D
Acq: 09 Oct 2025 15:22

Tgt Ion: 43 Resp: 56479
Ion Ratio Lower Upper
43 100
58 29.0 23.4 35.0

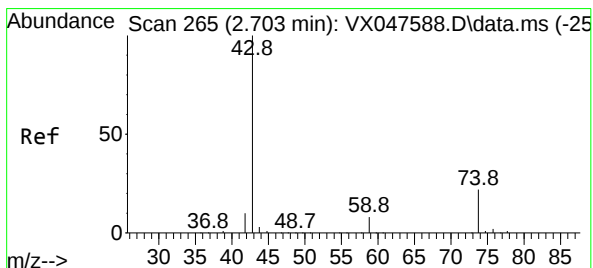
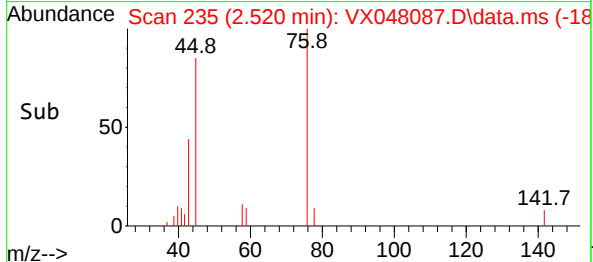
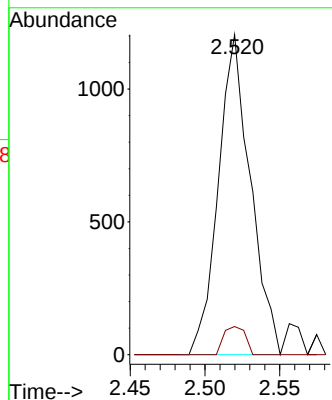
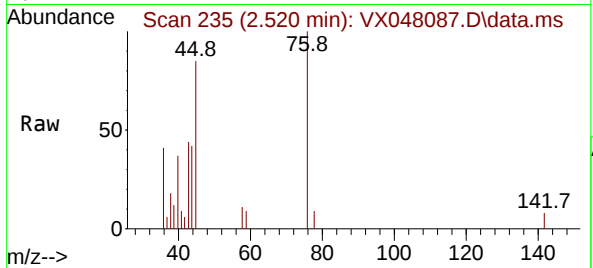




#17
Carbon Disulfide
Concen: 0.372 ug/l
RT: 2.520 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048087.D
Acq: 09 Oct 2025 15:22

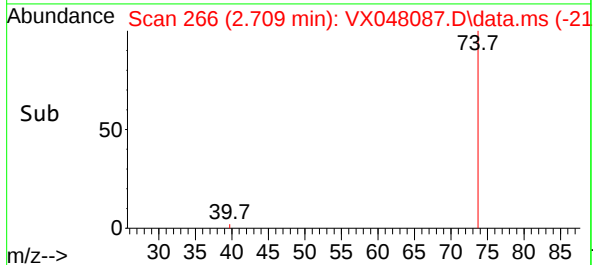
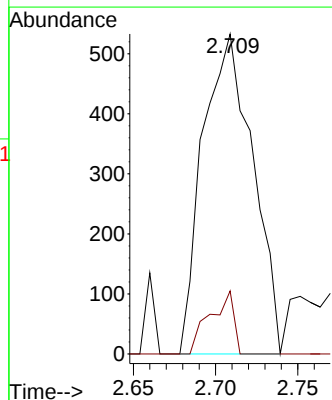
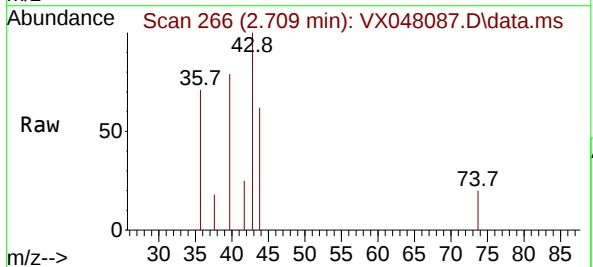
Instrument :
MSVOA_X
ClientSampleId :
MW-5BA

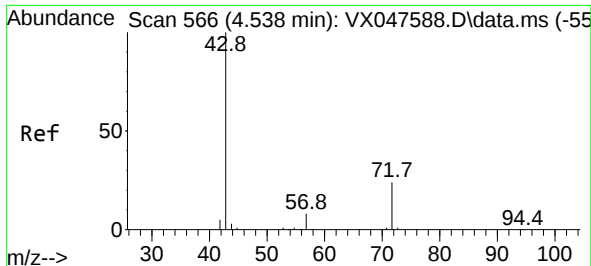
Tgt Ion: 76 Resp: 1798
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2



#18
Methyl Acetate
Concen: 0.493 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX048087.D
Acq: 09 Oct 2025 15:22

Tgt Ion: 43 Resp: 1127
Ion Ratio Lower Upper
43 100
74 9.4 17.4 26.2#

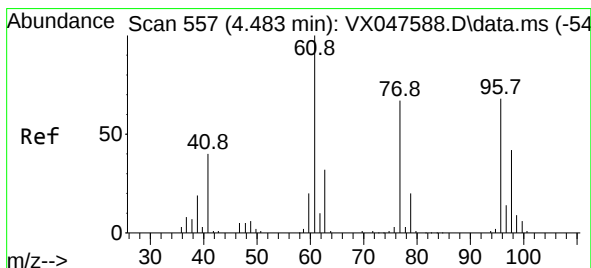
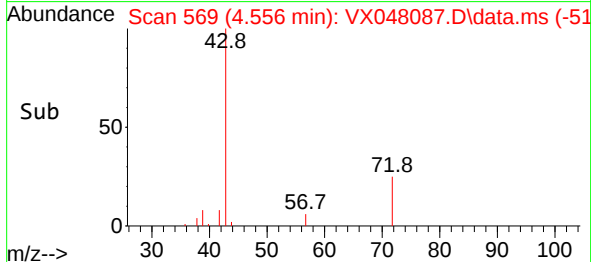
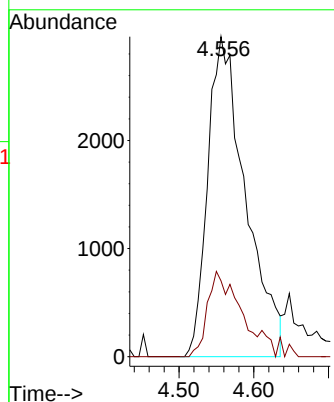
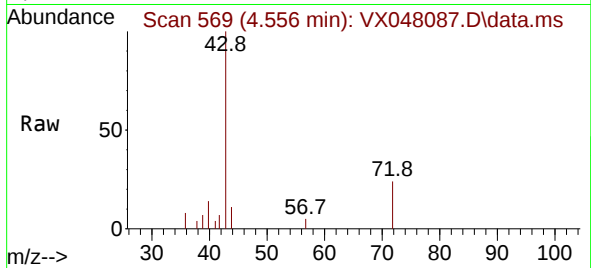




#25
2-Butanone
Concen: 8.111 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.018 min
Lab File: VX048087.D
Acq: 09 Oct 2025 15:22

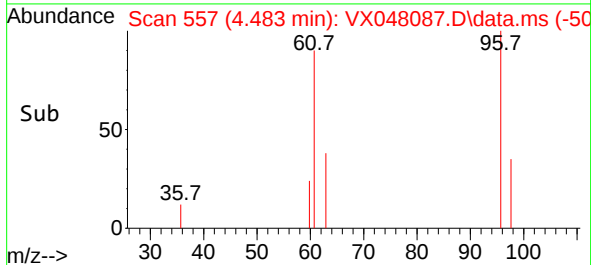
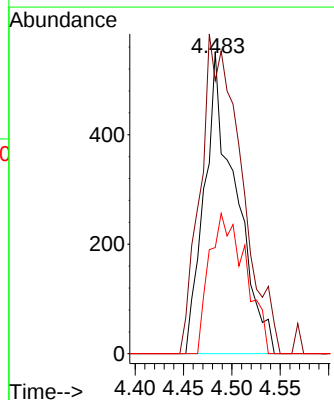
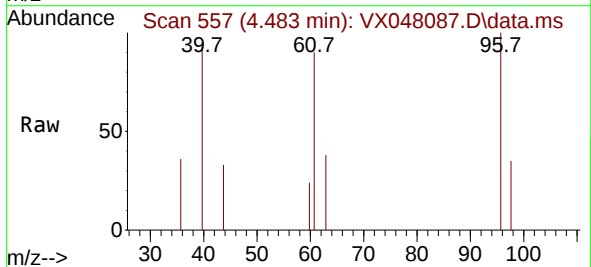
Instrument :
MSVOA_X
ClientSampleId :
MW-5BA

Tgt Ion: 43 Resp: 10397
Ion Ratio Lower Upper
43 100
72 23.7 20.1 30.1



#27
cis-1,2-Dichloroethene
Concen: 0.531 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX048087.D
Acq: 09 Oct 2025 15:22

Tgt Ion: 96 Resp: 1236
Ion Ratio Lower Upper
96 100
61 138.6 0.0 303.2
98 54.0 0.0 127.8





#33

1,2-Dichloroethane-d4

Concen: 53.207 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048087.D

Acq: 09 Oct 2025 15:22

Instrument :

MSVOA_X

ClientSampleId :

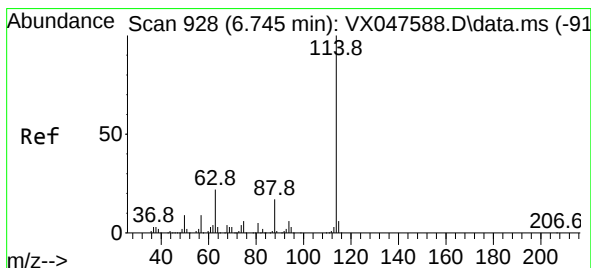
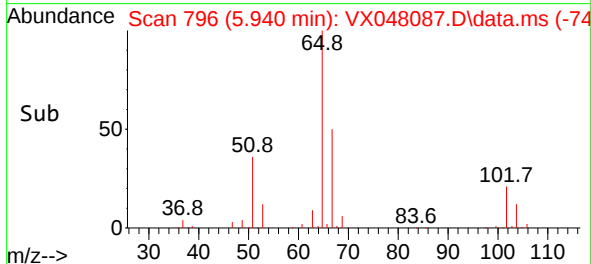
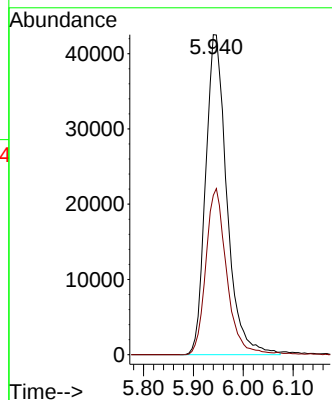
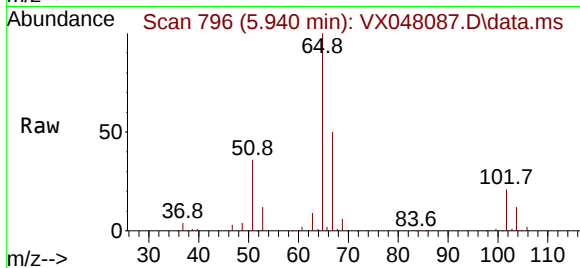
MW-5BA

Tgt Ion: 65 Resp: 125754

Ion Ratio Lower Upper

65 100

67 50.8 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048087.D

Acq: 09 Oct 2025 15:22

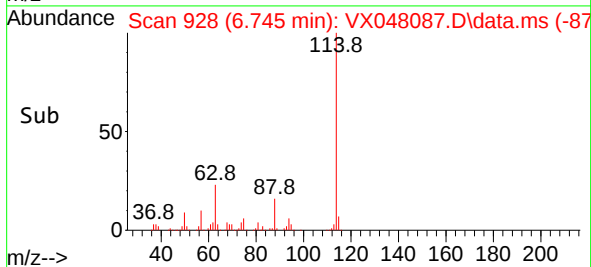
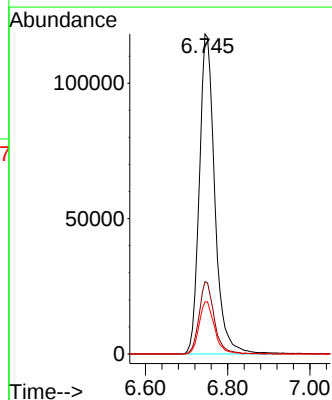
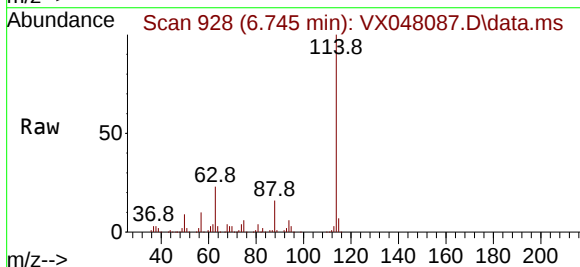
Tgt Ion: 114 Resp: 308267

Ion Ratio Lower Upper

114 100

63 22.6 0.0 44.0

88 16.3 0.0 34.2

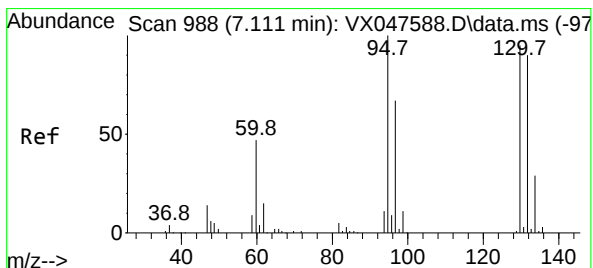
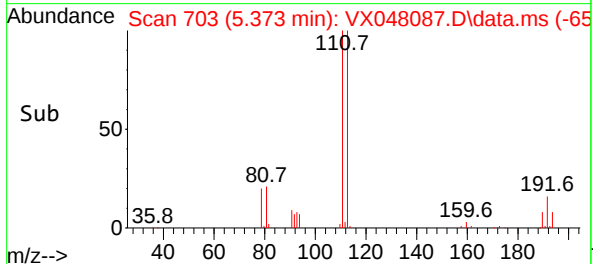
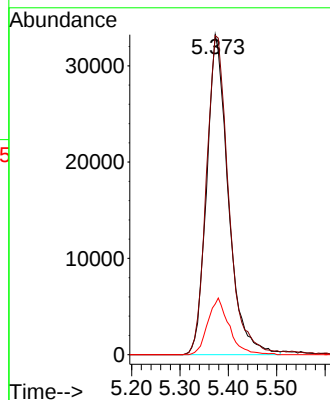
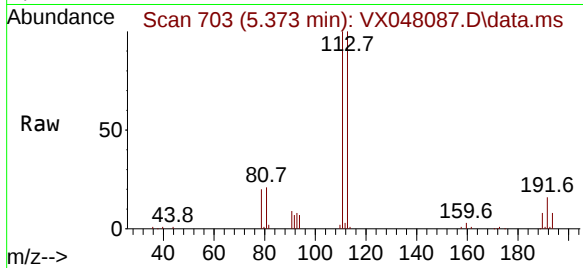




#35
Dibromofluoromethane
Concen: 49.929 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048087.D
Acq: 09 Oct 2025 15:22

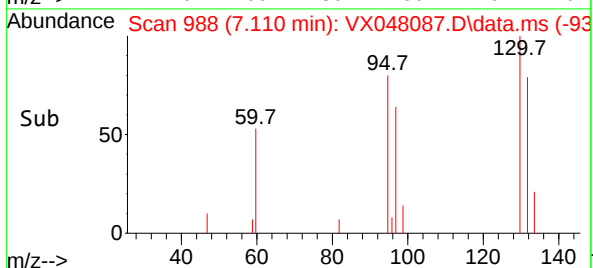
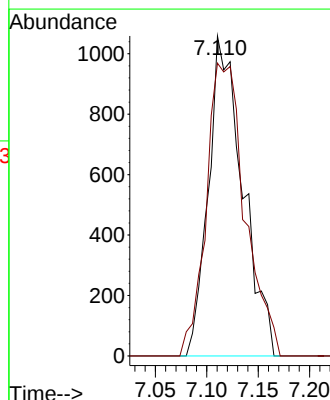
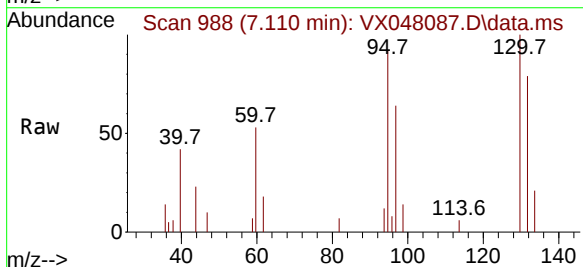
Instrument :
MSVOA_X
ClientSampleId :
MW-5BA

Tgt Ion:113 Resp: 103224
Ion Ratio Lower Upper
113 100
111 102.7 80.9 121.3
192 17.6 14.2 21.4



#44
Trichloroethene
Concen: 1.105 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048087.D
Acq: 09 Oct 2025 15:22

Tgt Ion:130 Resp: 2451
Ion Ratio Lower Upper
130 100
95 91.5 0.0 210.8

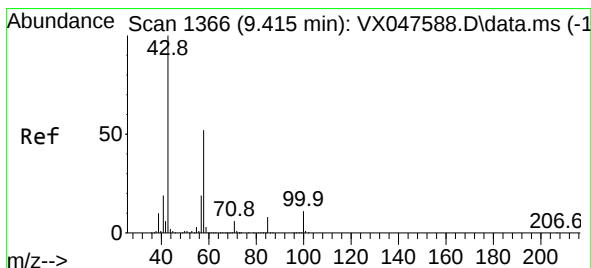
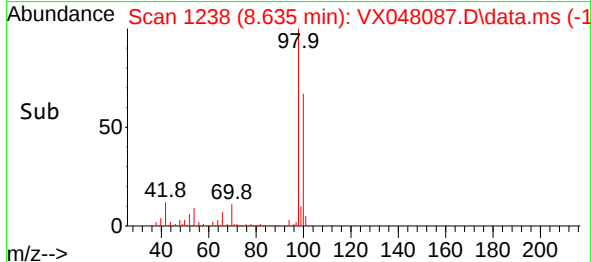
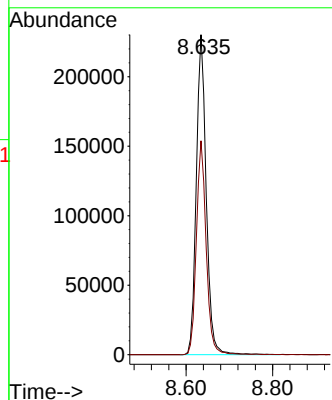
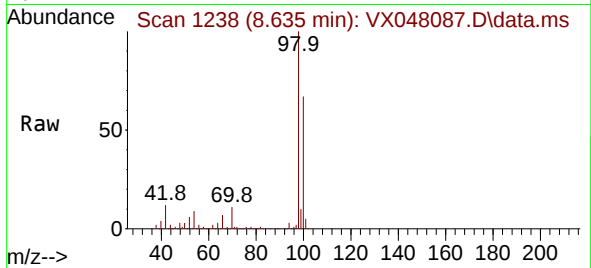




#50
Toluene-d8
Concen: 51.146 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048087.D
Acq: 09 Oct 2025 15:22

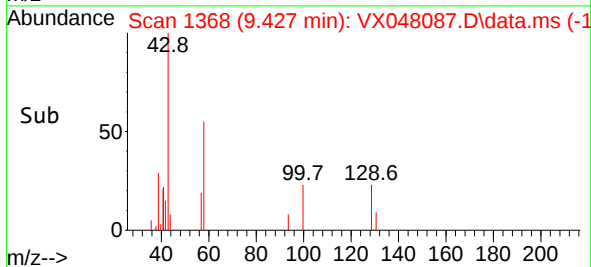
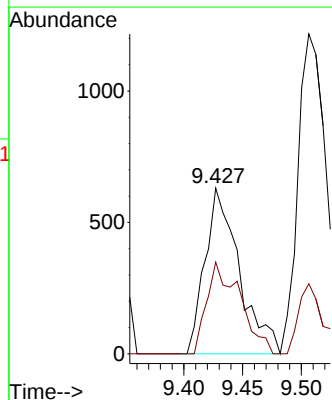
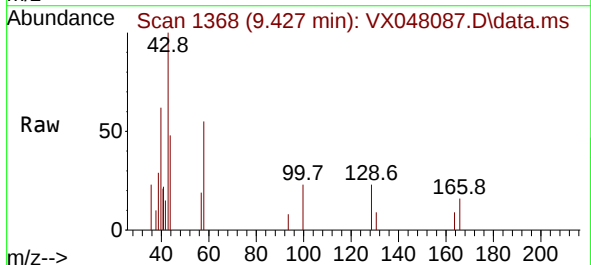
Instrument :
MSVOA_X
ClientSampleId :
MW-5BA

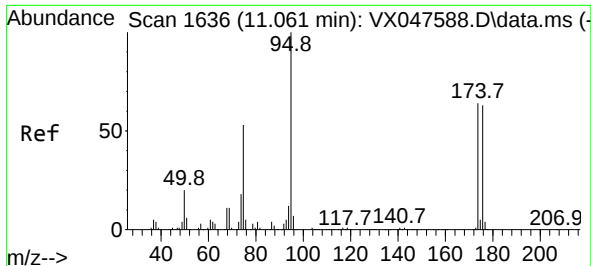
Tgt Ion: 98 Resp: 365877
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.4



#59
2-Hexanone
Concen: 0.605 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.012 min
Lab File: VX048087.D
Acq: 09 Oct 2025 15:22

Tgt Ion: 43 Resp: 1278
Ion Ratio Lower Upper
43 100
58 53.8 26.1 78.2

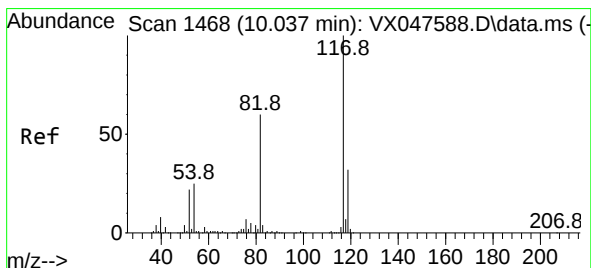
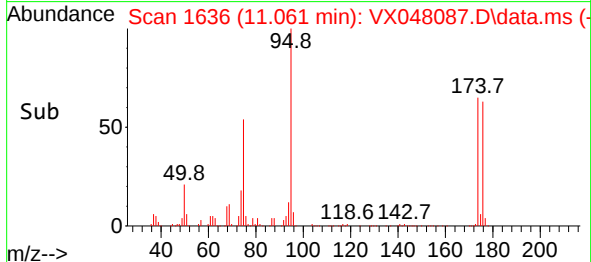
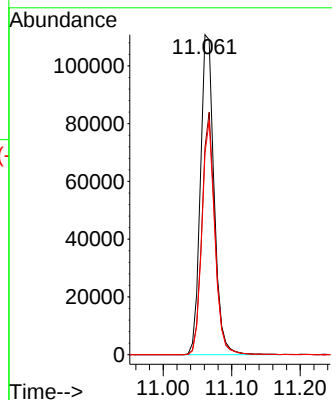
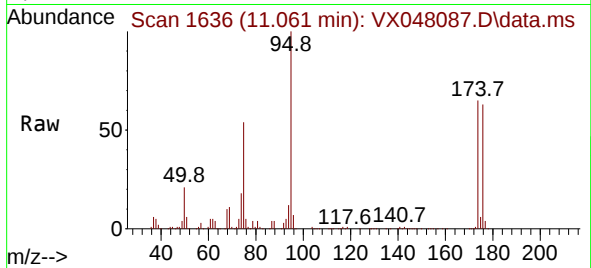




#62
4-Bromofluorobenzene
Concen: 56.790 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048087.D
Acq: 09 Oct 2025 15:22

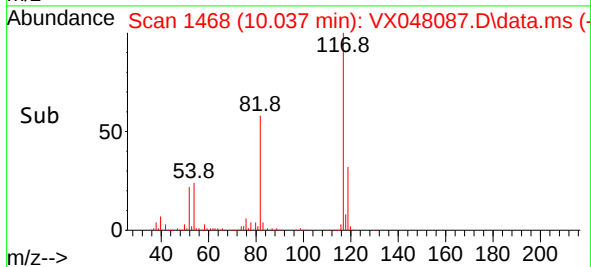
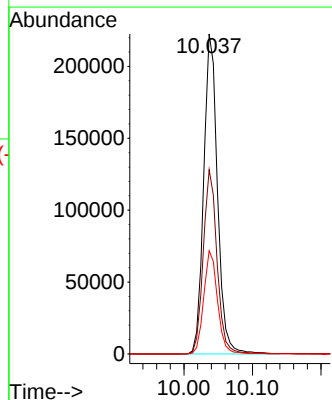
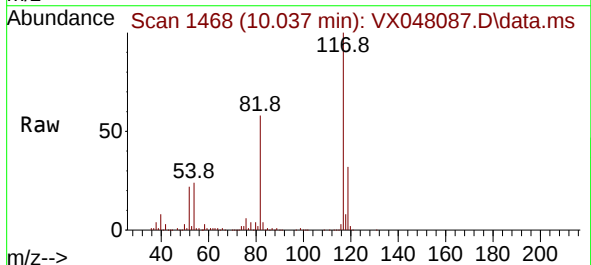
Instrument :
MSVOA_X
ClientSampleId :
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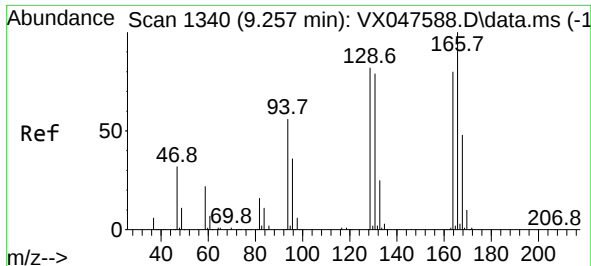
Tgt Ion: 95 Resp: 154182
Ion Ratio Lower Upper
95 100
174 72.0 0.0 141.6
176 69.0 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048087.D
Acq: 09 Oct 2025 15:22

Tgt Ion: 117 Resp: 312468
Ion Ratio Lower Upper
117 100
82 57.6 47.8 71.6
119 32.2 25.2 37.8

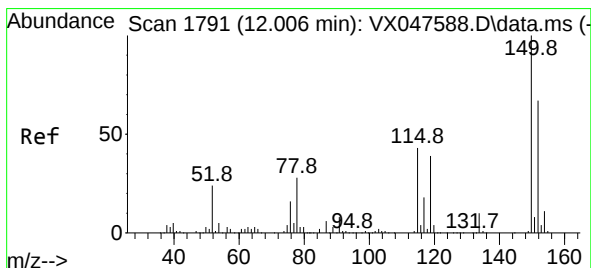
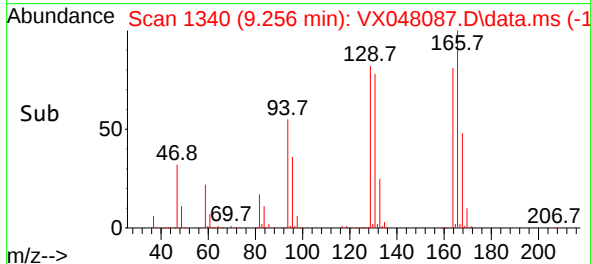
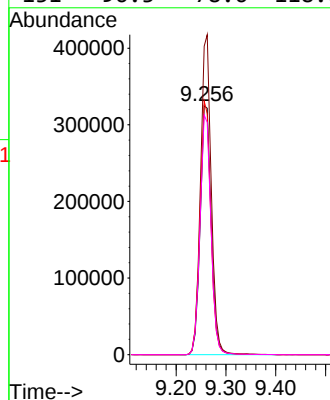
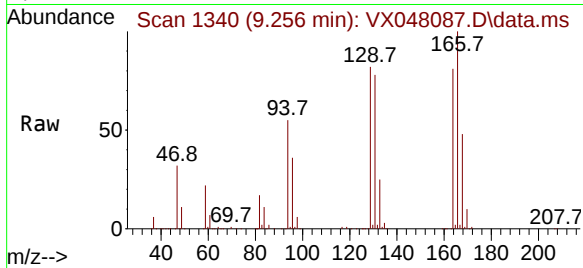




#64
Tetrachloroethene
Concen: 243.137 ug/l
RT: 9.256 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048087.D
Acq: 09 Oct 2025 15:22

Instrument :
MSVOA_X
ClientSampleId :
MW-5BA

Tgt Ion:164 Resp: 495261
Ion Ratio Lower Upper
164 100
166 123.9 100.2 150.2
129 101.9 81.8 122.6
131 96.3 78.6 118.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048087.D
Acq: 09 Oct 2025 15:22

Tgt Ion:152 Resp: 154528
Ion Ratio Lower Upper
152 100
115 62.4 44.9 134.5
150 158.2 0.0 352.0

