

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
 Data File : VX048297.D
 Acq On : 22 Oct 2025 14:48
 Operator : JC/MD
 Sample : Q3373-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Oct 24 05:55:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

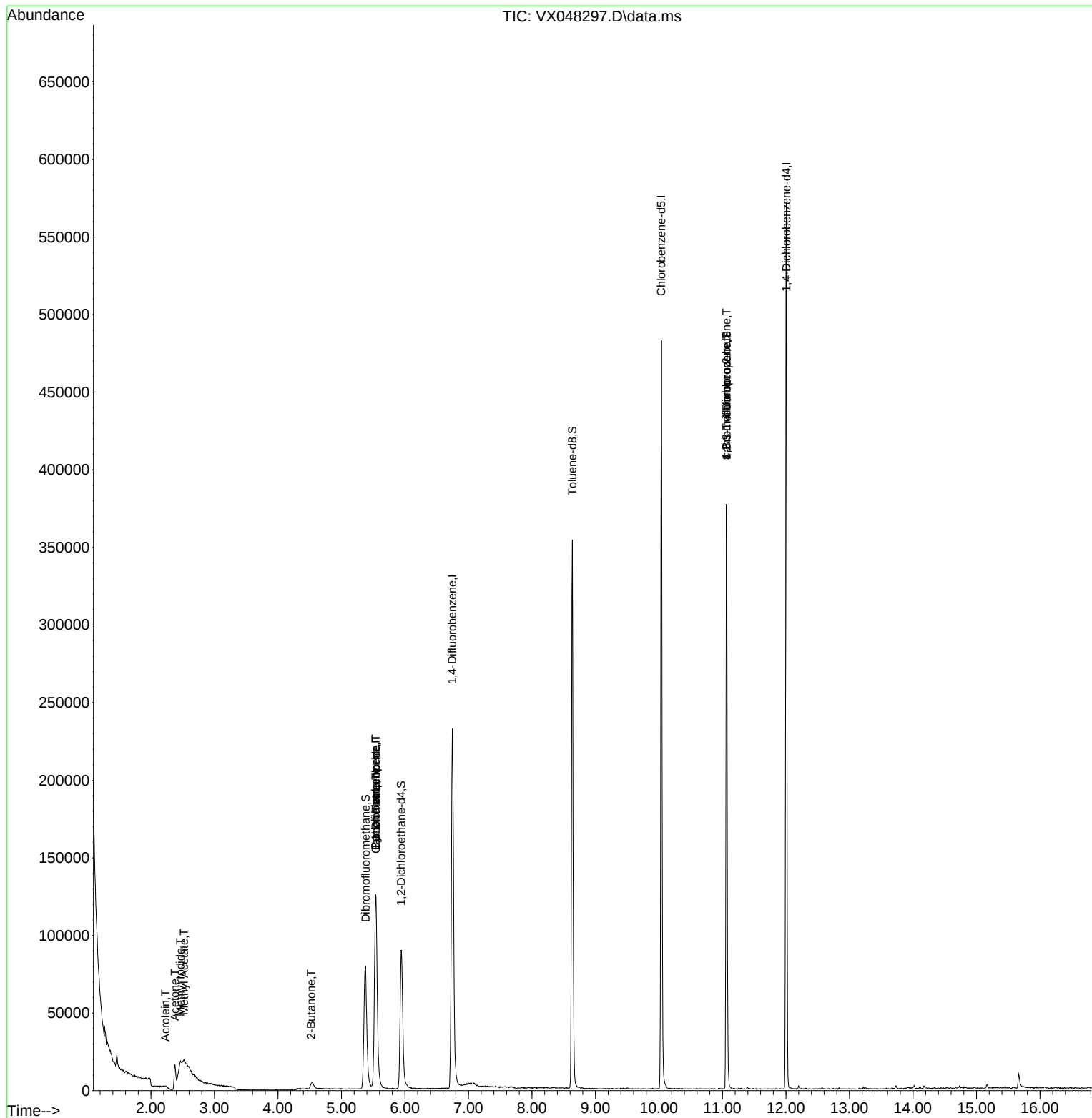
Internal Standards						
1) Pentafluorobenzene	5.538	168	129263	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	253725	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	227885	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	124610	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	97539	53.819	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.640%			
35) Dibromofluoromethane	5.379	113	79109	45.671	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.340%			
50) Toluene-d8	8.635	98	222504	36.648	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 73.300%#			
62) 4-Bromofluorobenzene	11.061	95	110652	47.907	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.820%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.465	142	3026	1.726	ug/l	93
13) Acrolein	2.227	56	158	0.861	ug/l #	1
16) Acetone	2.380	43	21501	34.582	ug/l	92
18) Methyl Acetate	2.520	43	78889	60.756	ug/l #	54
25) 2-Butanone	4.520	43	264	0.335	ug/l #	50
31) Cyclohexane	5.538	56	2608	1.159	ug/l #	1
36) 1,1-Dichloropropene	5.538	75	10401	4.225	ug/l #	50
38) Carbon Tetrachloride	5.544	117	13186	4.341	ug/l #	17
76) 1,2,3-Trichloropropane	11.061	75	55275	27.354	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.061	75	55275	66.549	ug/l #	10

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

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STORAGE-BLANK-WATER-REF-5

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Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

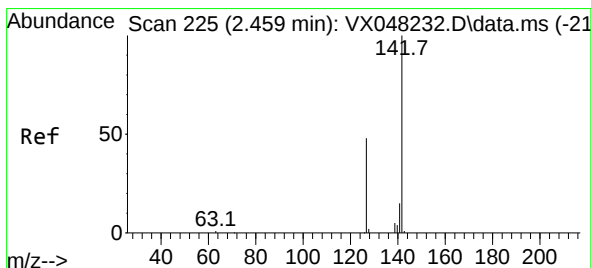
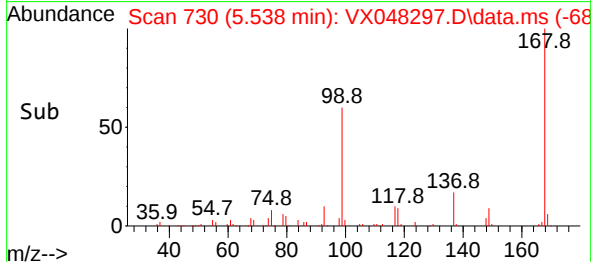
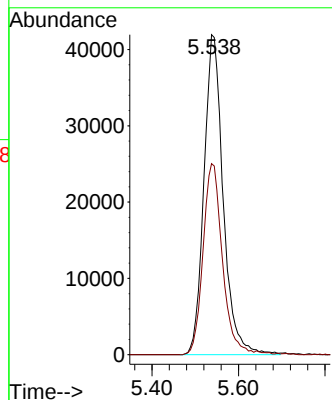
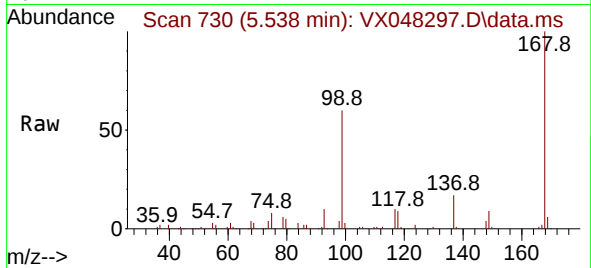




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048297.D
Acq: 22 Oct 2025 14:48

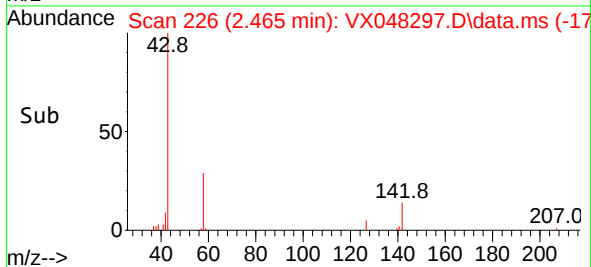
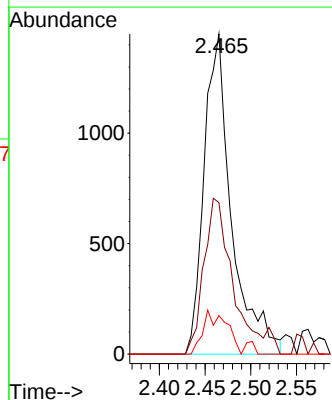
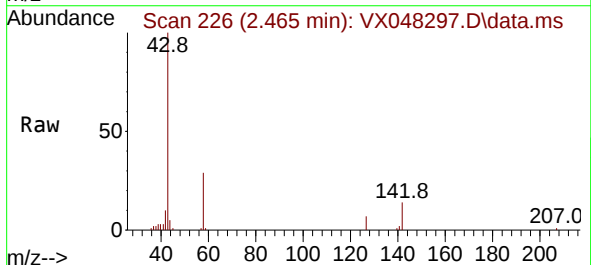
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

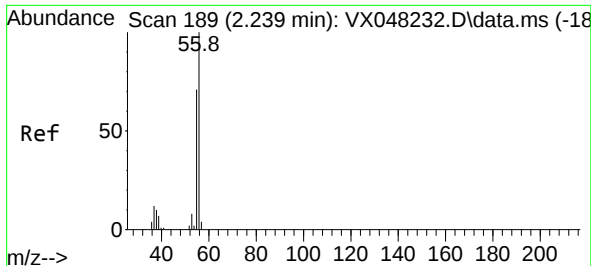
Tgt Ion:168 Resp: 129263
Ion Ratio Lower Upper
168 100
99 59.7 46.4 69.6



#10
Methyl Iodide
Concen: 1.726 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
Lab File: VX048297.D
Acq: 22 Oct 2025 14:48

Tgt Ion:142 Resp: 3026
Ion Ratio Lower Upper
142 100
127 52.6 38.5 57.7
141 11.7 11.6 17.4

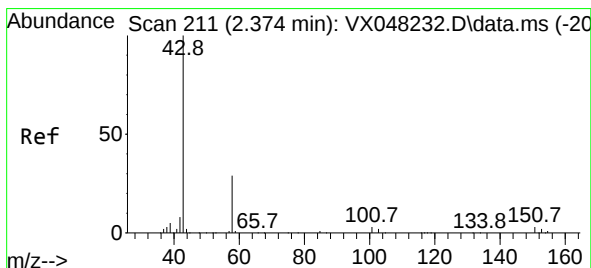
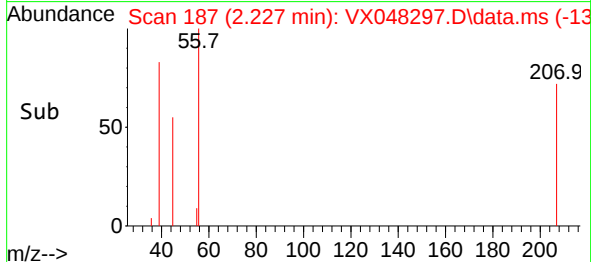
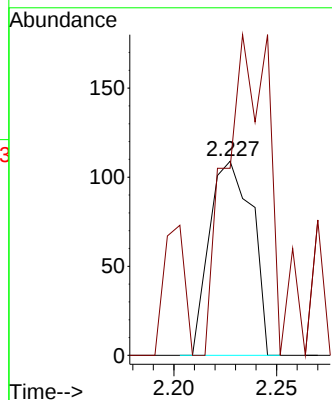
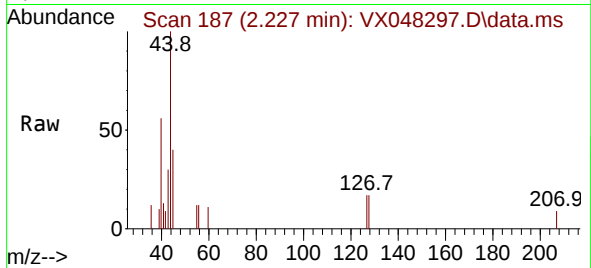




#13
Acrolein
Concen: 0.861 ug/l
RT: 2.227 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048297.D
Acq: 22 Oct 2025 14:48

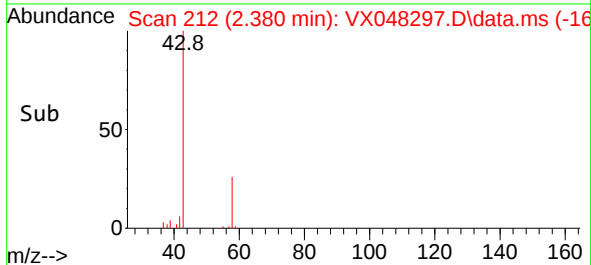
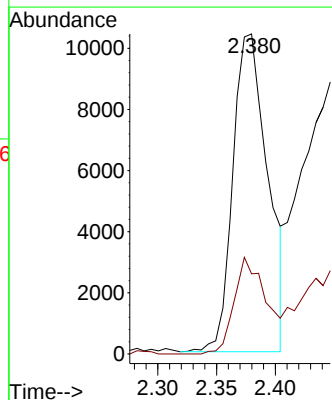
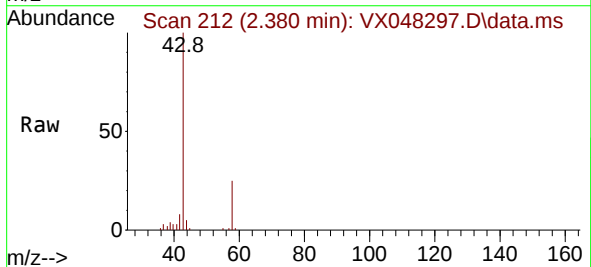
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

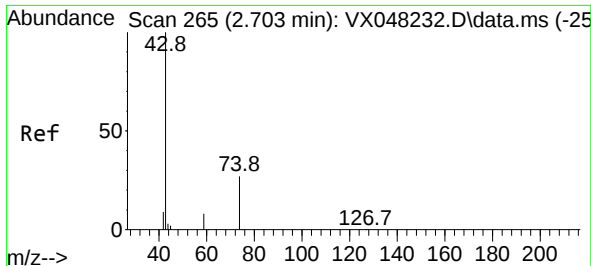
Tgt Ion: 56 Resp: 158
Ion Ratio Lower Upper
56 100
55 175.9 56.1 84.1#



#16
Acetone
Concen: 34.582 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048297.D
Acq: 22 Oct 2025 14:48

Tgt Ion: 43 Resp: 21501
Ion Ratio Lower Upper
43 100
58 25.2 23.4 35.2

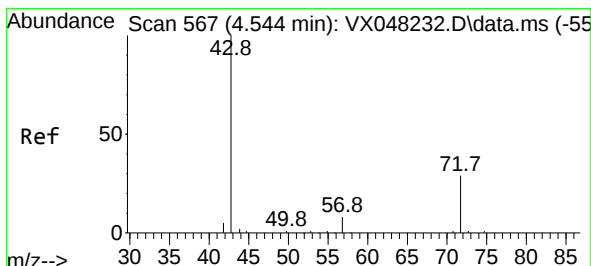
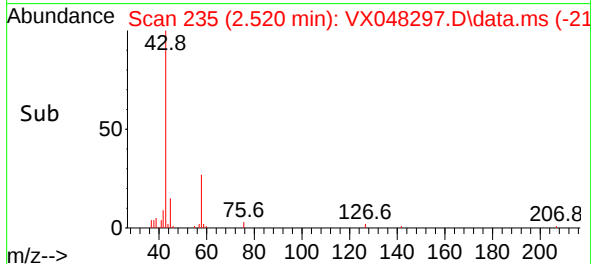
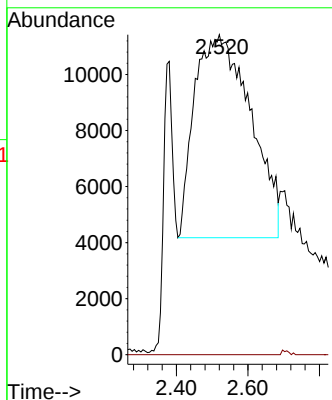
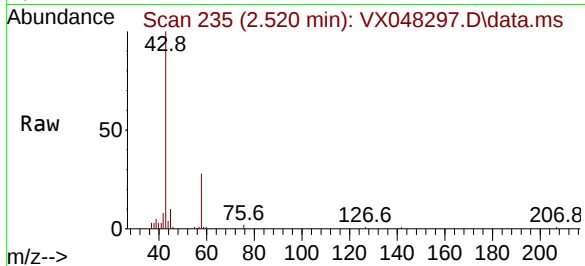




#18
Methyl Acetate
Concen: 60.756 ug/l
RT: 2.520 min Scan# 21
Delta R.T. -0.177 min
Lab File: VX048297.D
Acq: 22 Oct 2025 14:48

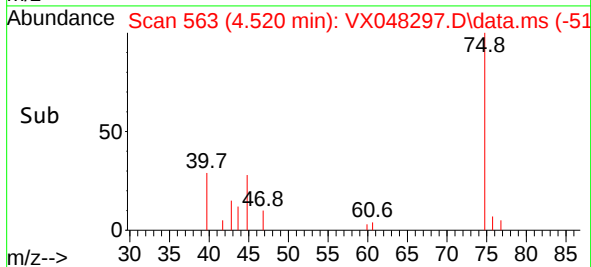
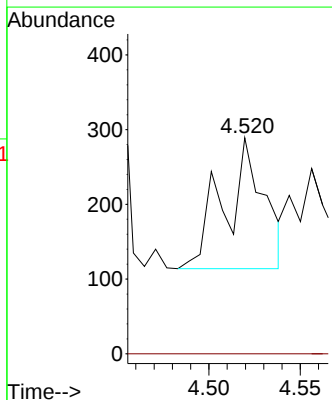
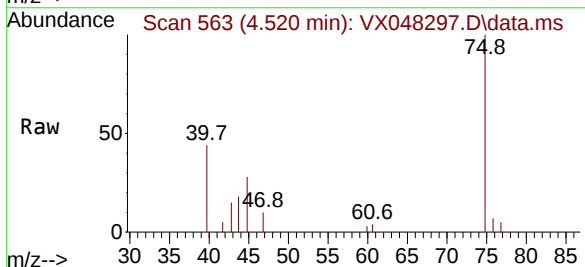
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

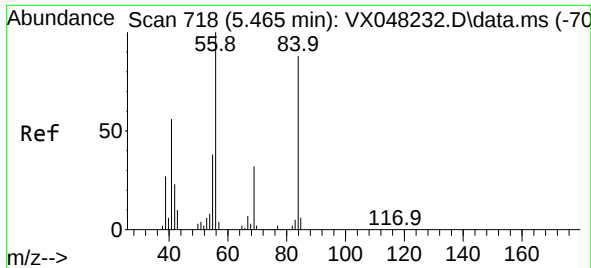
Tgt Ion: 43 Resp: 78889
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



#25
2-Butanone
Concen: 0.335 ug/l
RT: 4.520 min Scan# 563
Delta R.T. -0.018 min
Lab File: VX048297.D
Acq: 22 Oct 2025 14:48

Tgt Ion: 43 Resp: 264
Ion Ratio Lower Upper
43 100
72 0.0 19.9 29.9#

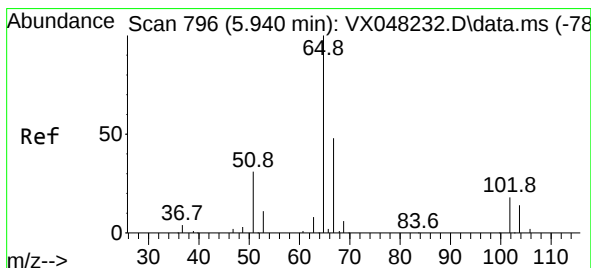
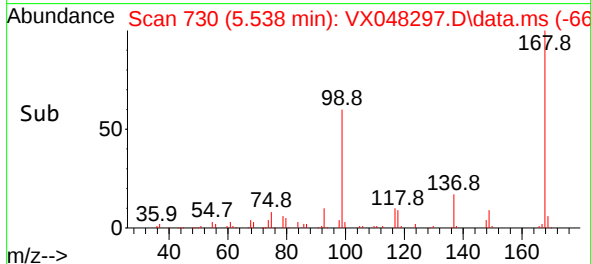
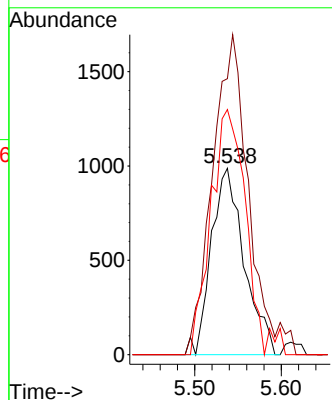
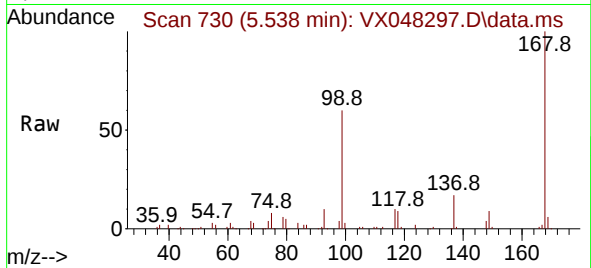




#31
Cyclohexane
Concen: 1.159 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX048297.D
Acq: 22 Oct 2025 14:48

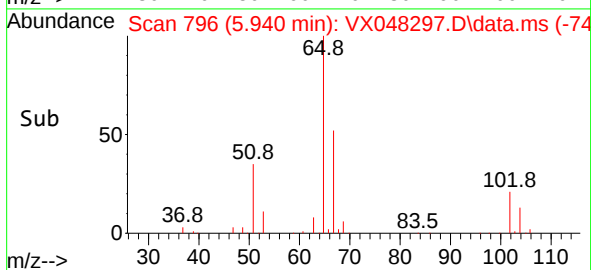
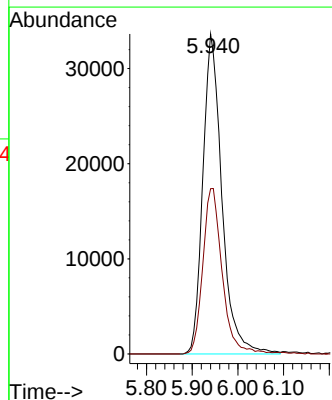
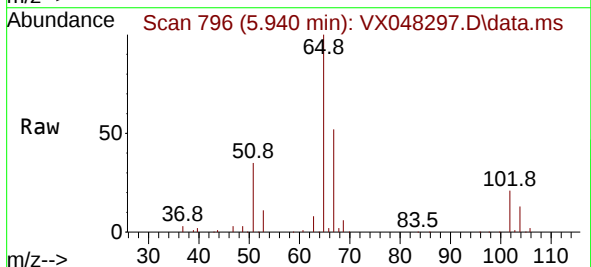
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

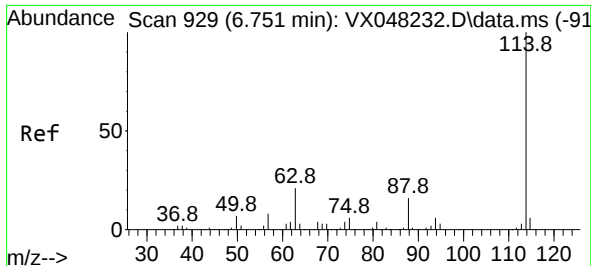
Tgt Ion: 56 Resp: 2608
Ion Ratio Lower Upper
56 100
69 148.1 23.0 34.6#
84 131.5 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 53.819 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048297.D
Acq: 22 Oct 2025 14:48

Tgt Ion: 65 Resp: 97539
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.0

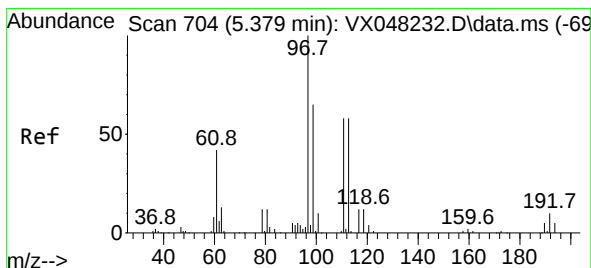
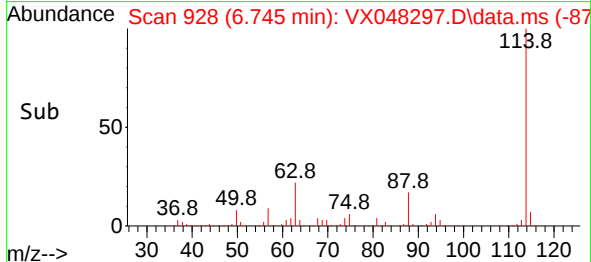
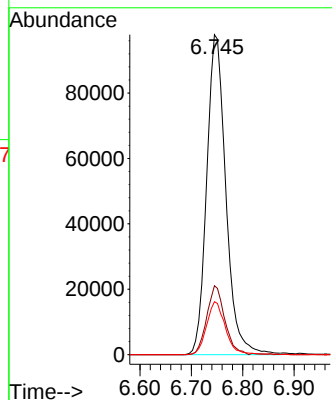
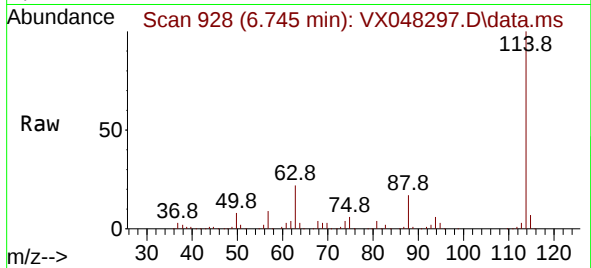




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048297.D
Acq: 22 Oct 2025 14:48

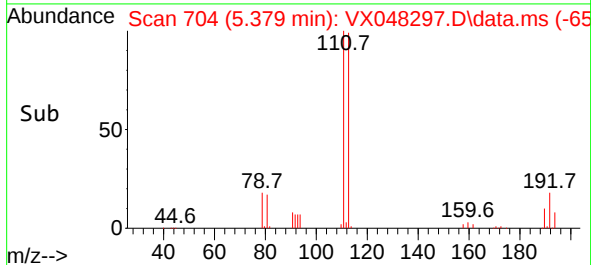
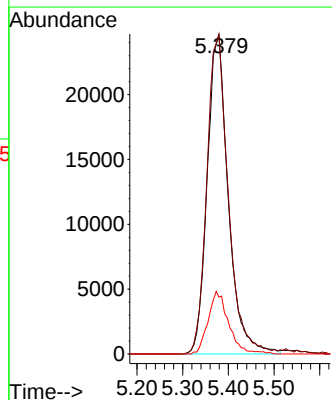
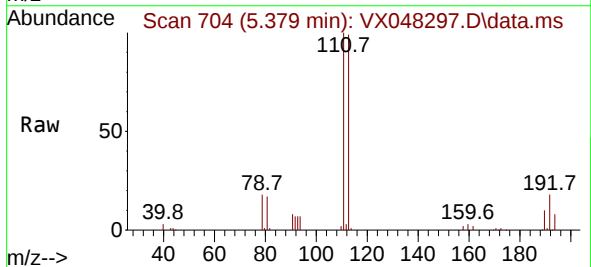
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

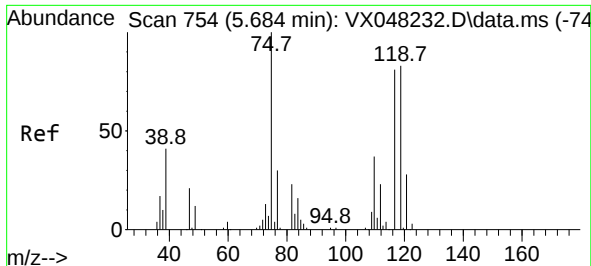
Tgt Ion:114 Resp: 253725
Ion Ratio Lower Upper
114 100
63 21.5 0.0 43.2
88 16.6 0.0 33.6



#35
Dibromofluoromethane
Concen: 45.671 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048297.D
Acq: 22 Oct 2025 14:48

Tgt Ion:113 Resp: 79109
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.4
192 19.1 15.1 22.7





#36

1,1-Dichloropropene

Concen: 4.225 ug/l

RT: 5.538 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX048297.D

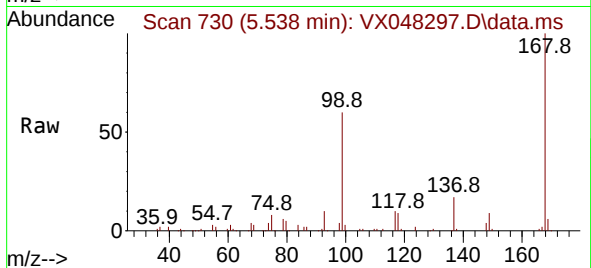
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Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5



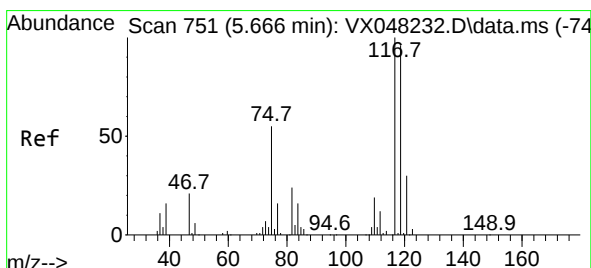
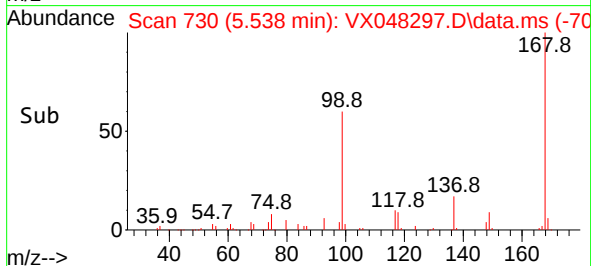
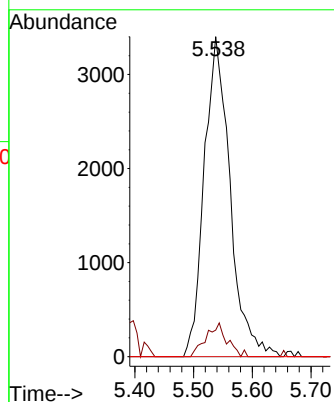
Tgt Ion: 75 Resp: 10401

Ion Ratio Lower Upper

75 100

110 8.6 17.7 53.1#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 4.341 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.122 min

Lab File: VX048297.D

Acq: 22 Oct 2025 14:48

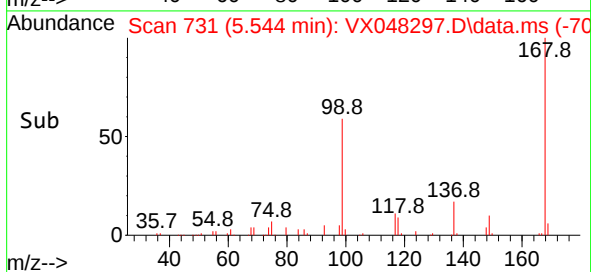
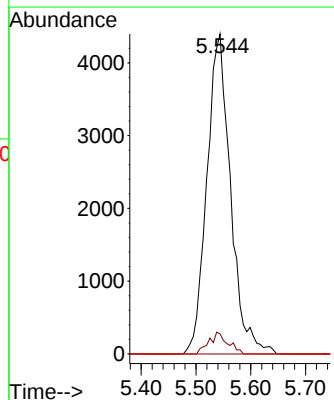
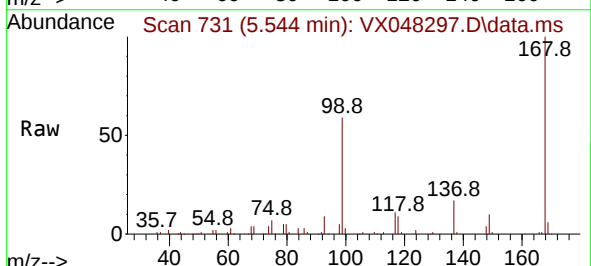
Tgt Ion: 117 Resp: 13186

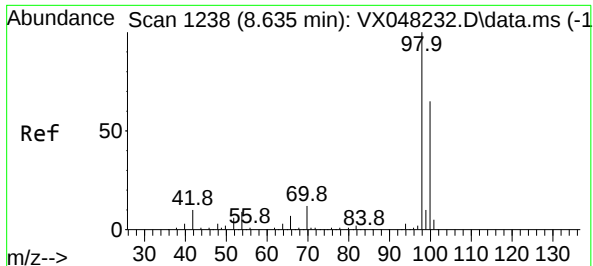
Ion Ratio Lower Upper

117 100

119 6.3 77.2 115.8#

121 0.0 24.8 37.2#

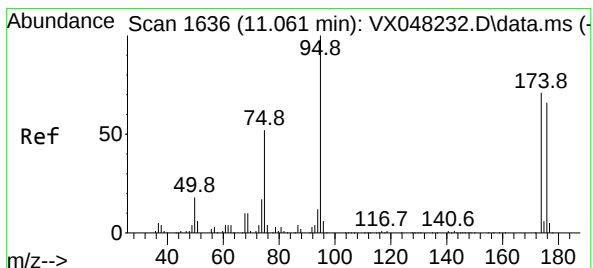
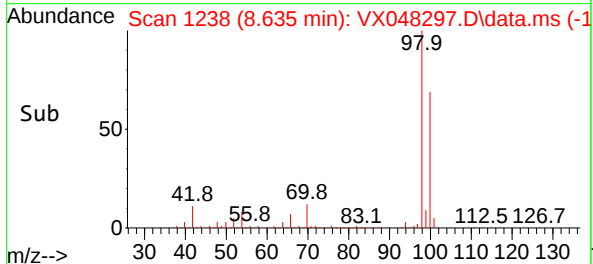
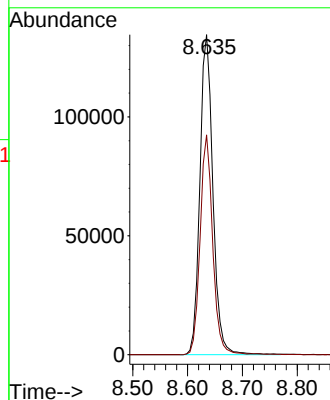
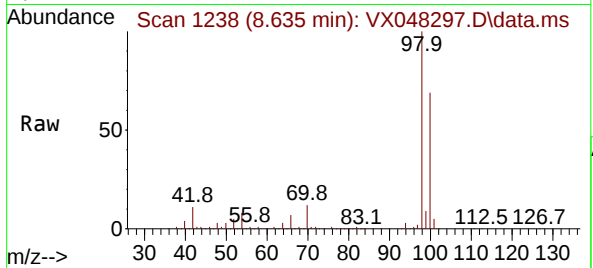




#50
Toluene-d8
Concen: 36.648 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048297.D
Acq: 22 Oct 2025 14:48

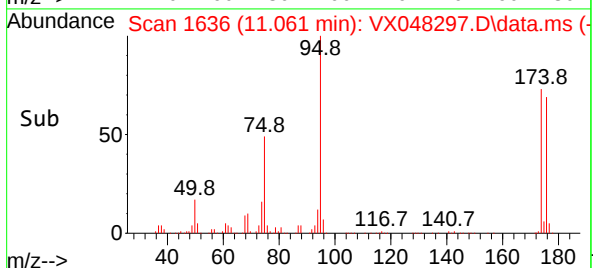
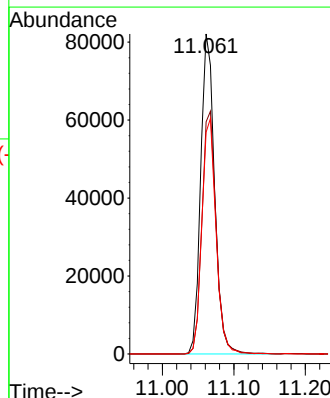
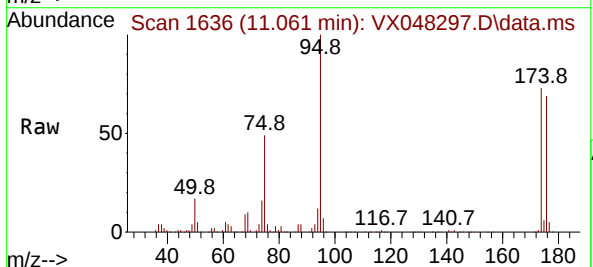
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

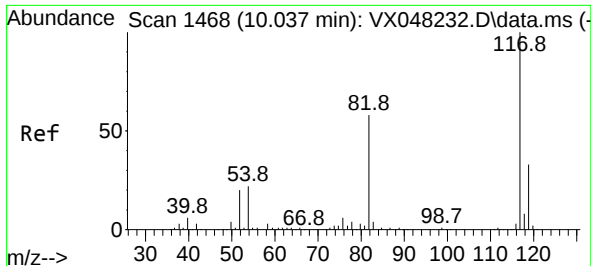
Tgt Ion: 98 Resp: 222504
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 47.907 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048297.D
Acq: 22 Oct 2025 14:48

Tgt Ion: 95 Resp: 110652
Ion Ratio Lower Upper
95 100
174 77.8 0.0 147.8
176 75.1 0.0 142.8

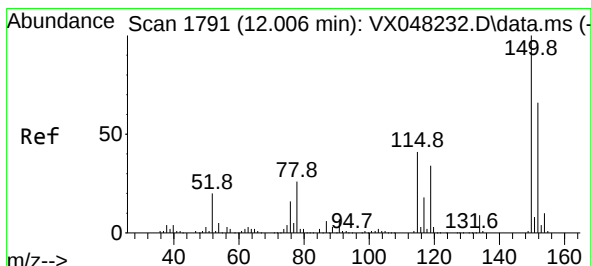
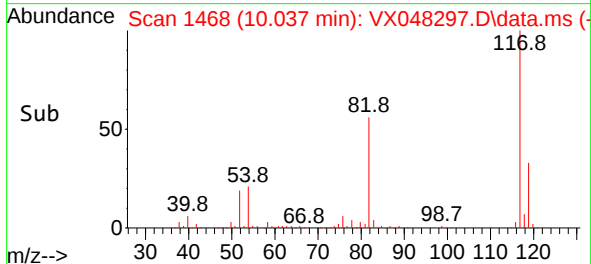
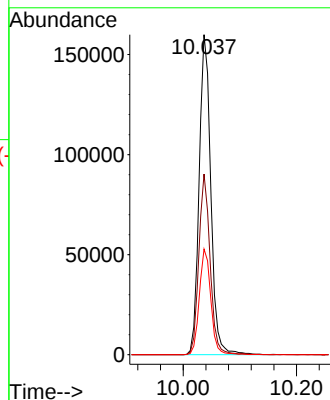
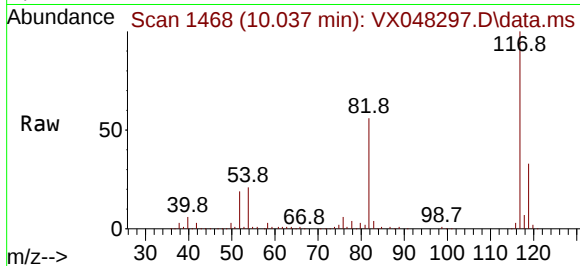




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048297.D
Acq: 22 Oct 2025 14:48

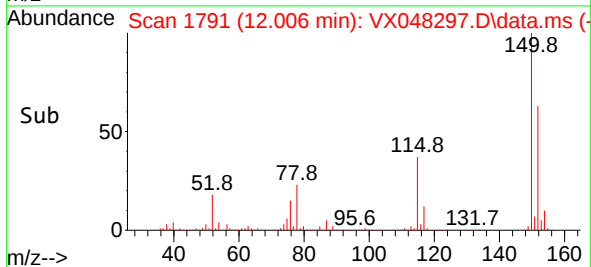
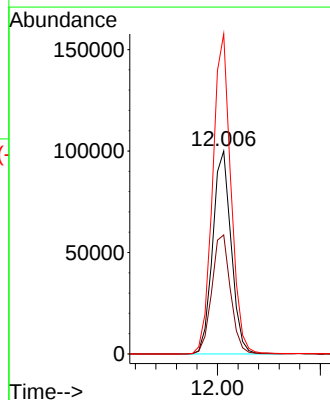
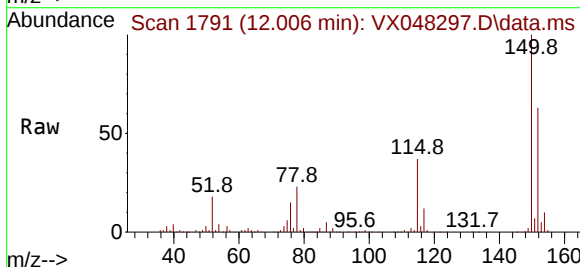
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

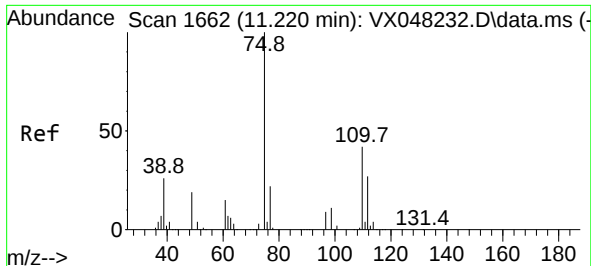
Tgt Ion:117 Resp: 227885
Ion Ratio Lower Upper
117 100
82 56.4 46.5 69.7
119 33.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048297.D
Acq: 22 Oct 2025 14:48

Tgt Ion:152 Resp: 124610
Ion Ratio Lower Upper
152 100
115 59.5 43.1 129.4
150 155.7 0.0 353.0

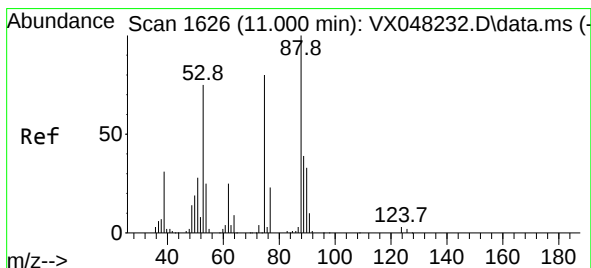
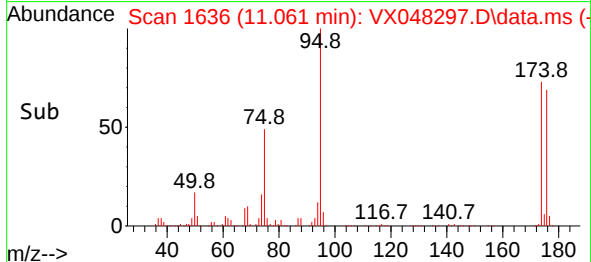
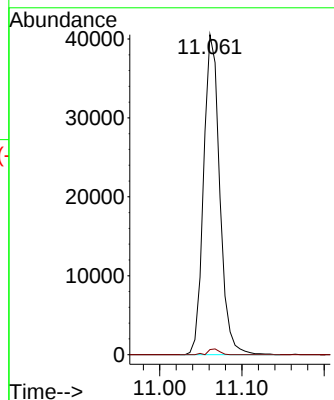
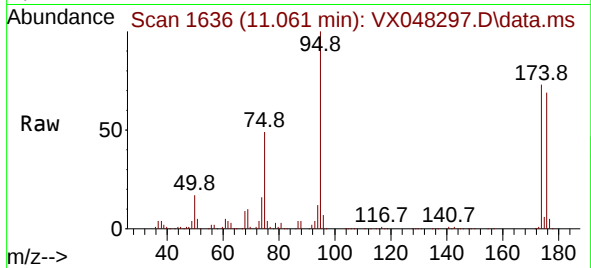




#76
1,2,3-Trichloropropane
Concen: 27.354 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.158 min
Lab File: VX048297.D
Acq: 22 Oct 2025 14:48

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 75 Resp: 55275
Ion Ratio Lower Upper
75 100
77 1.3 22.4 67.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.549 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048297.D
Acq: 22 Oct 2025 14:48

Tgt Ion: 75 Resp: 55275
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 36.8 55.2#

