

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
 Data File : VX048017.D
 Acq On : 06 Oct 2025 12:43
 Operator : JC/MD
 Sample : Q3279-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Oct 07 02:11:51 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)

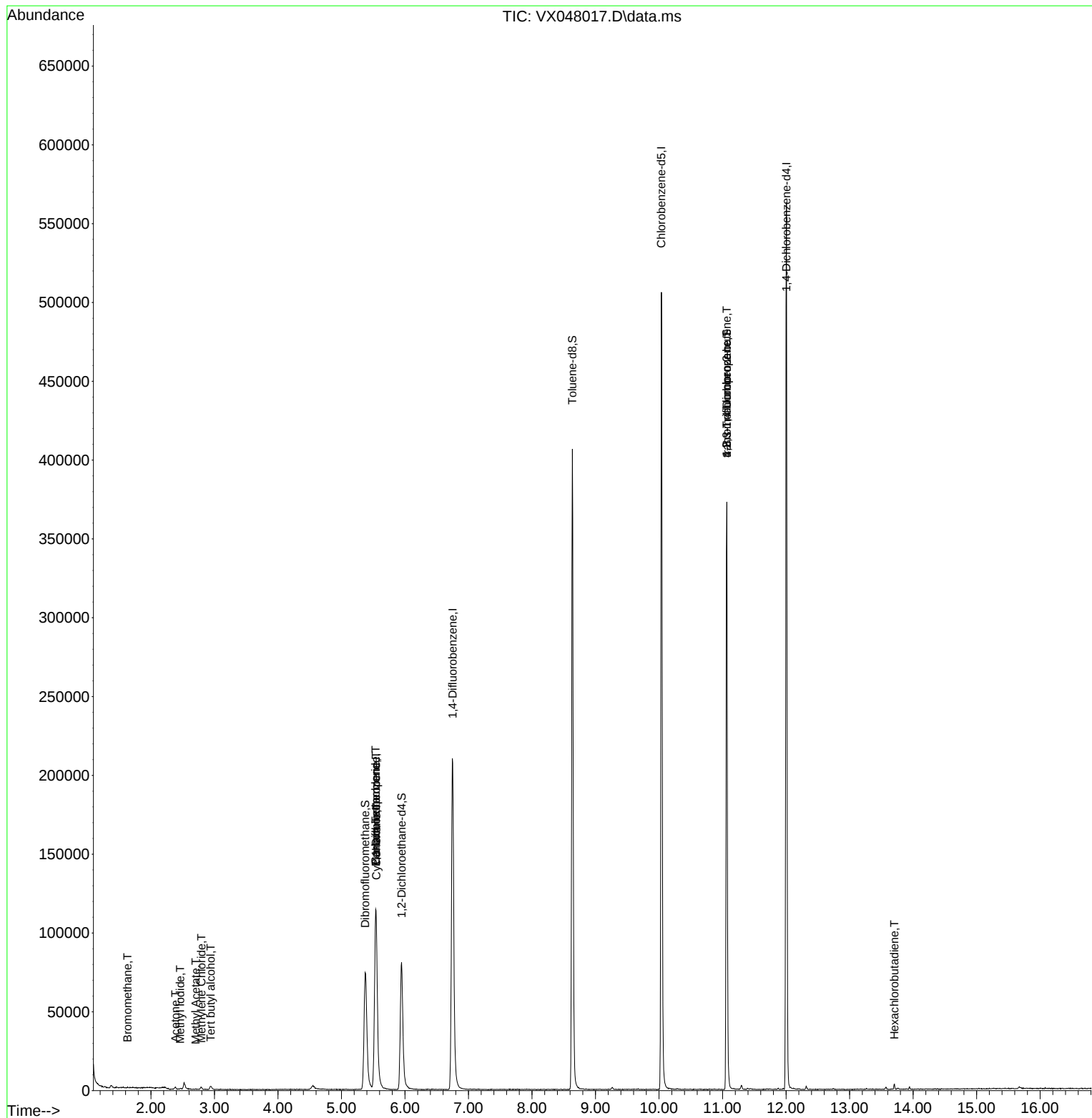
Internal Standards						
1) Pentafluorobenzene	5.543	168	115234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	232170	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	236321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	117369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	88244	48.109	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.220%
35) Dibromofluoromethane	5.373	113	73296	47.073	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.140%
50) Toluene-d8	8.634	98	251760	46.728	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.460%
62) 4-Bromofluorobenzene	11.067	95	107281	52.467	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.940%
Target Compounds						
					Qvalue	
5) Bromomethane	1.629	94	210	0.216	ug/l	91
10) Methyl Iodide	2.459	142	763	0.367	ug/l #	92
11) Tert butyl alcohol	2.940	59	1115	5.458	ug/l #	72
16) Acetone	2.385	43	1564	1.961	ug/l #	72
18) Methyl Acetate	2.702	43	434	0.245	ug/l #	73
20) Methylene Chloride	2.794	84	699	0.414	ug/l #	78
31) Cyclohexane	5.549	56	2530	1.044	ug/l #	7
36) 1,1-Dichloropropene	5.543	75	9555	4.200	ug/l #	46
38) Carbon Tetrachloride	5.537	117	12476	5.047	ug/l #	19
76) 1,2,3-Trichloropropane	11.067	75	55192	23.225	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.067	75	55192	59.228	ug/l #	8
94) Hexachlorobutadiene	13.707	225	582	0.678	ug/l	88

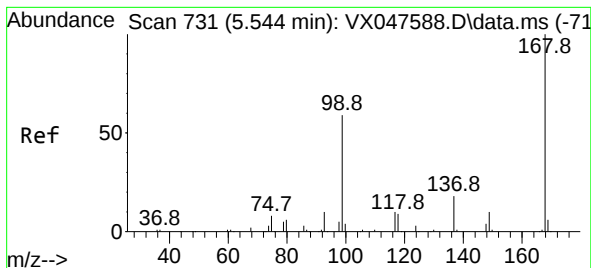
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
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STORAGE-BLANK-WATER-REF-5

Quant Time: Oct 07 02:11:51 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.543 min Scan# 71

Delta R.T. -0.001 min

Lab File: VX048017.D

Acq: 06 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

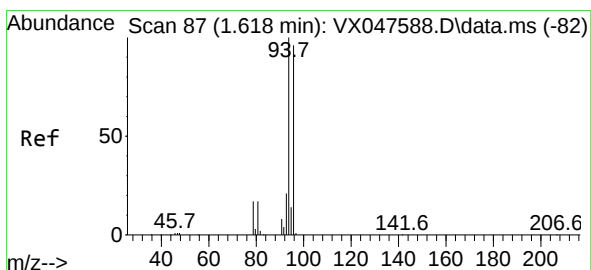
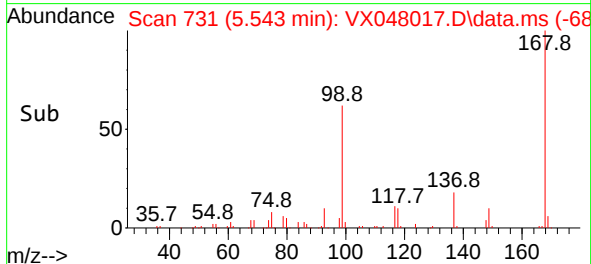
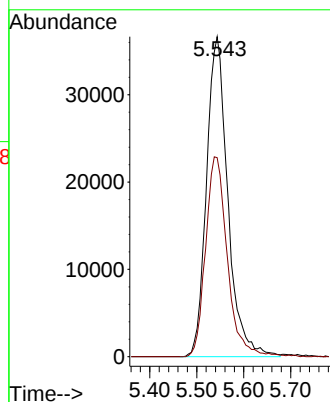
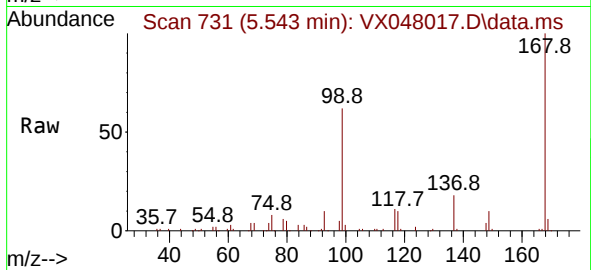
STORAGE-BLANK-WATER-REF-5

Tgt Ion:168 Resp: 115234

Ion Ratio Lower Upper

168 100

99 62.2 48.8 73.2



#5

Bromomethane

Concen: 0.216 ug/l

RT: 1.629 min Scan# 89

Delta R.T. 0.012 min

Lab File: VX048017.D

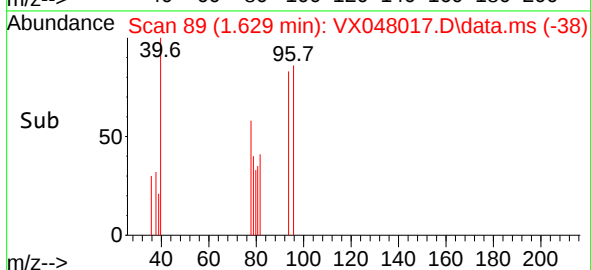
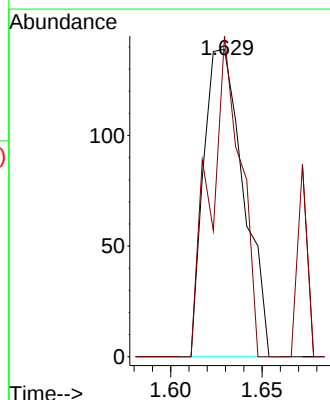
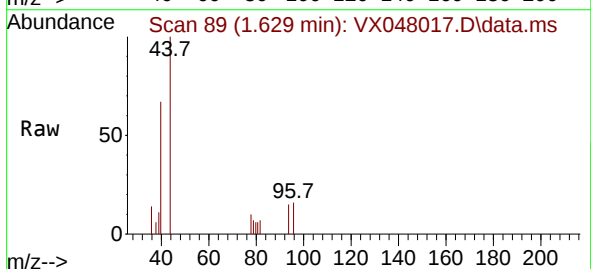
Acq: 06 Oct 2025 12:43

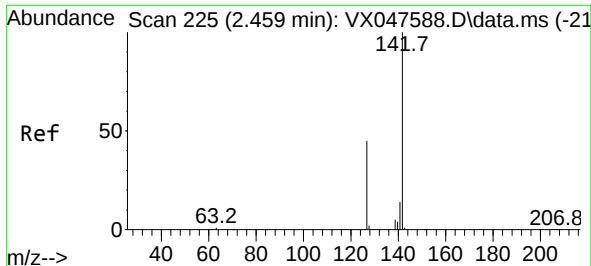
Tgt Ion: 94 Resp: 210

Ion Ratio Lower Upper

94 100

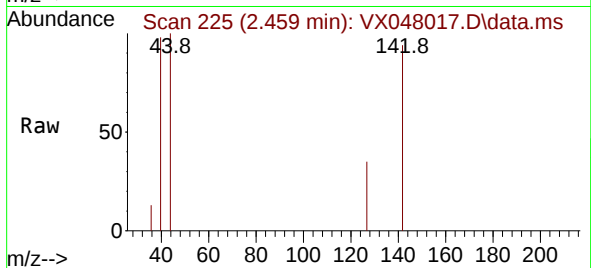
96 104.3 76.6 115.0



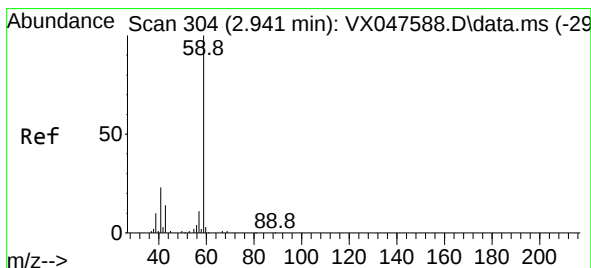
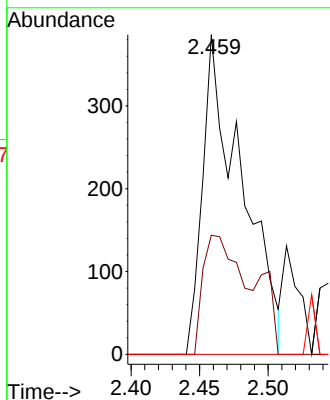
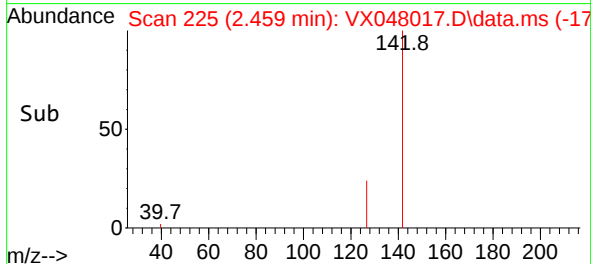


#10
Methyl Iodide
Concen: 0.367 ug/l
RT: 2.459 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048017.D
Acq: 06 Oct 2025 12:43

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

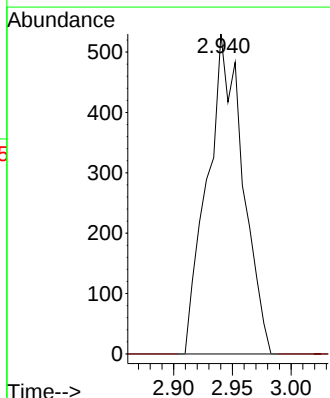
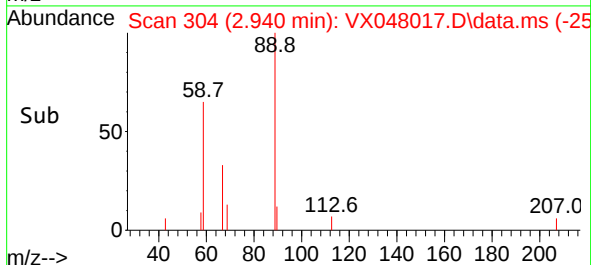
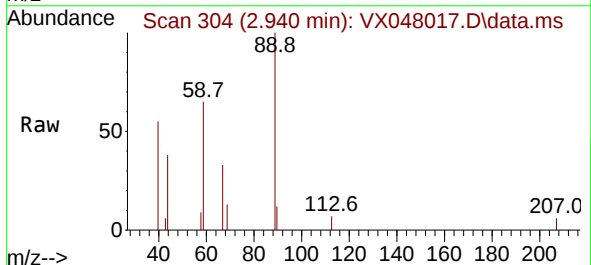


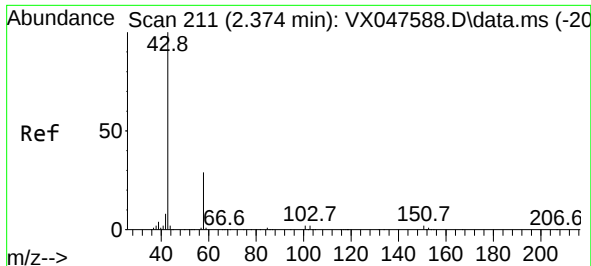
Tgt Ion:142 Resp: 763
Ion Ratio Lower Upper
142 100
127 46.4 37.2 55.8
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 5.458 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX048017.D
Acq: 06 Oct 2025 12:43

Tgt Ion: 59 Resp: 1115
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

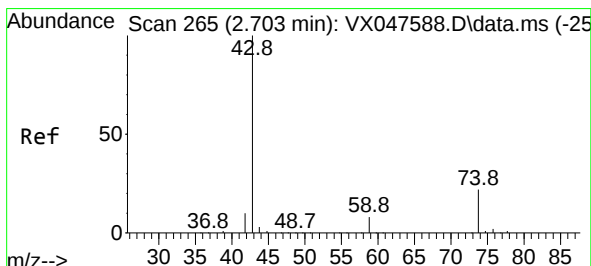
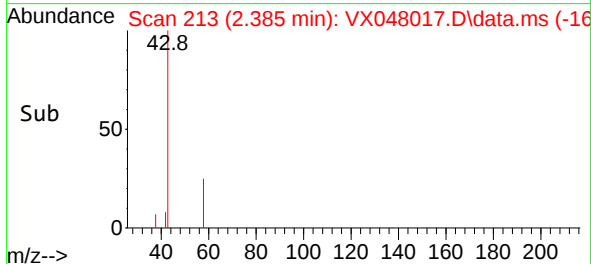
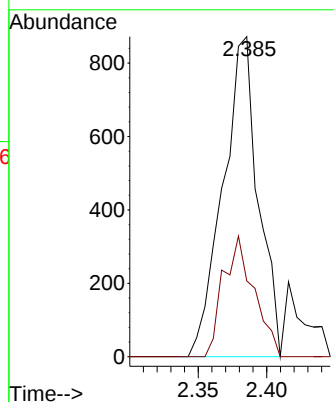
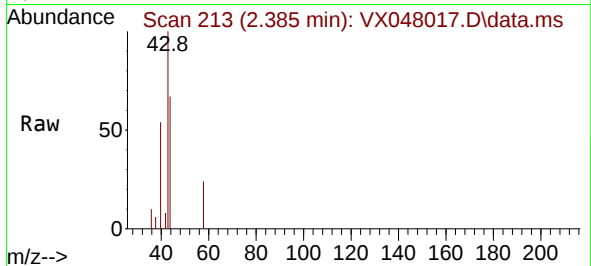




#16
Acetone
Concen: 1.961 ug/l
RT: 2.385 min Scan# 211
Delta R.T. 0.012 min
Lab File: VX048017.D
Acq: 06 Oct 2025 12:43

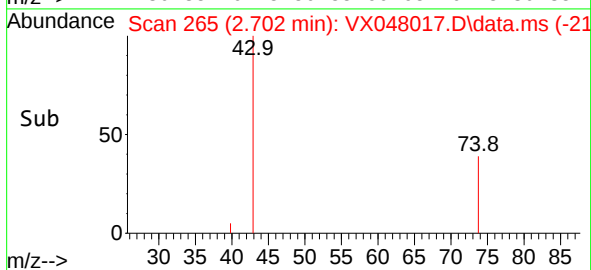
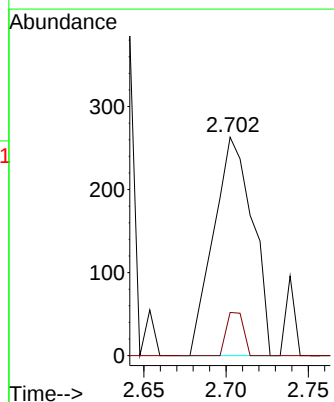
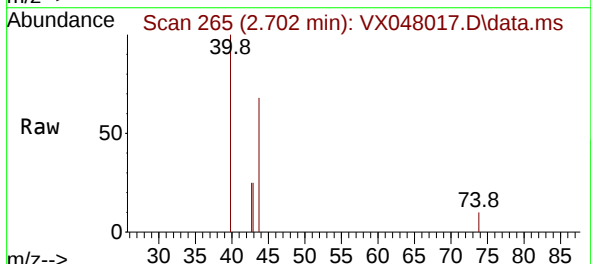
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

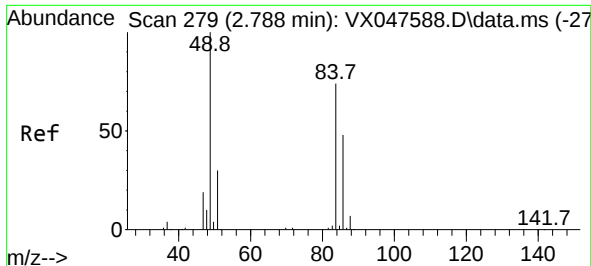
Tgt Ion: 43 Resp: 1564
Ion Ratio Lower Upper
43 100
58 14.2 23.4 35.0#



#18
Methyl Acetate
Concen: 0.245 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX048017.D
Acq: 06 Oct 2025 12:43

Tgt Ion: 43 Resp: 434
Ion Ratio Lower Upper
43 100
74 8.8 17.4 26.2#

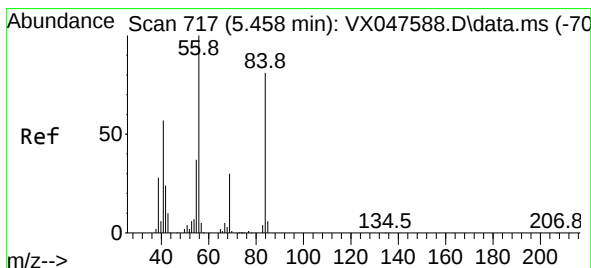
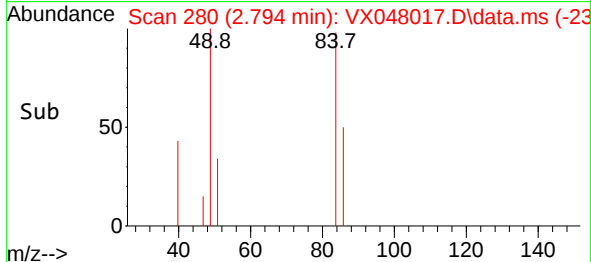
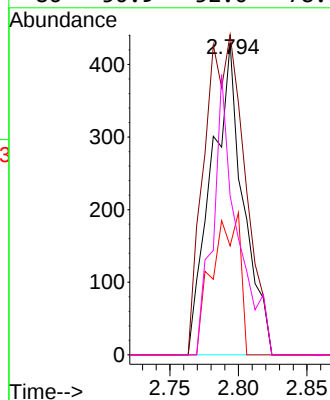
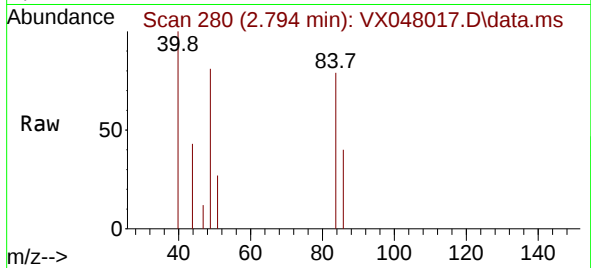




#20
Methylene Chloride
Concen: 0.414 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048017.D
Acq: 06 Oct 2025 12:43

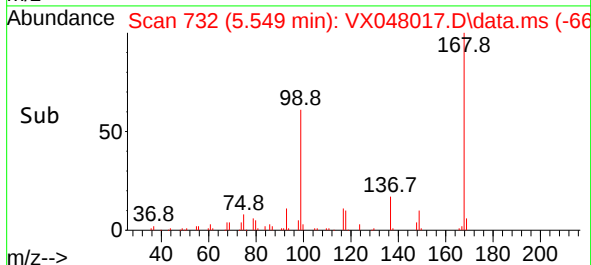
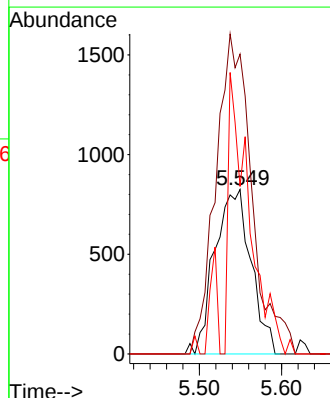
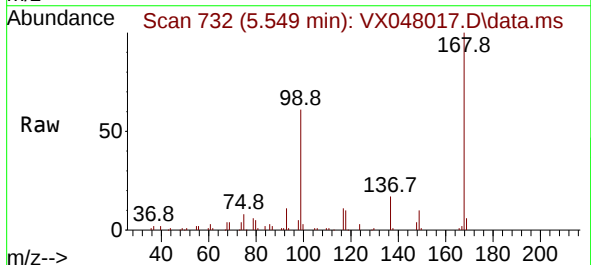
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

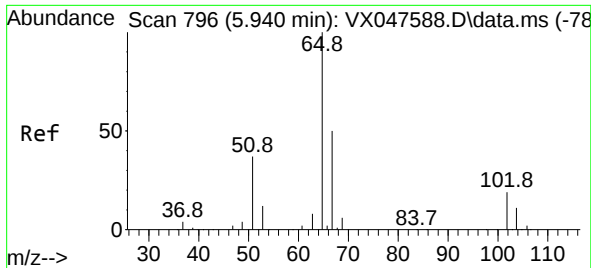
Tgt Ion:	84	Resp:	699
Ion	Ratio	Lower	Upper
84	100		
49	102.6	108.6	162.8#
51	34.9	32.6	48.8
86	50.9	52.0	78.0#



#31
Cyclohexane
Concen: 1.044 ug/l
RT: 5.549 min Scan# 732
Delta R.T. 0.091 min
Lab File: VX048017.D
Acq: 06 Oct 2025 12:43

Tgt Ion:	56	Resp:	2530
Ion	Ratio	Lower	Upper
56	100		
69	182.3	23.8	35.8#
84	101.8	64.6	97.0#

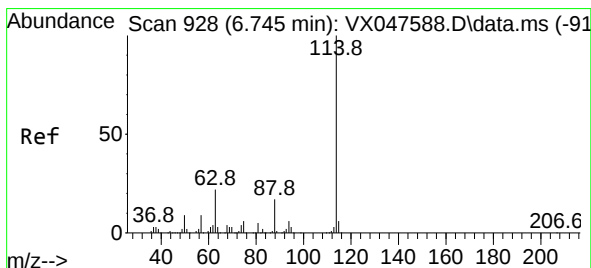
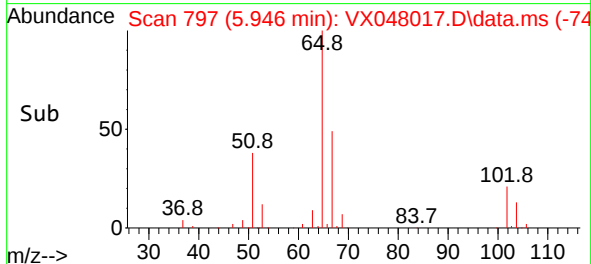
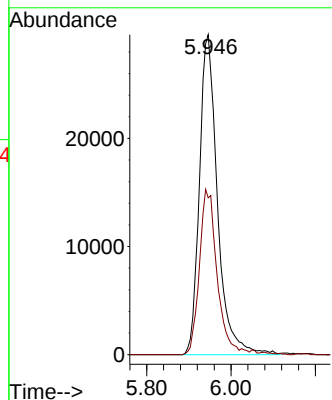
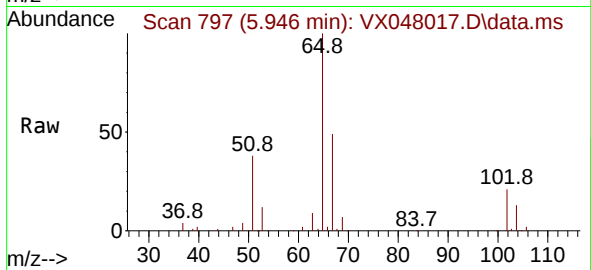




#33
 1,2-Dichloroethane-d4
 Concen: 48.109 ug/l
 RT: 5.946 min Scan# 796
 Delta R.T. 0.006 min
 Lab File: VX048017.D
 Acq: 06 Oct 2025 12:43

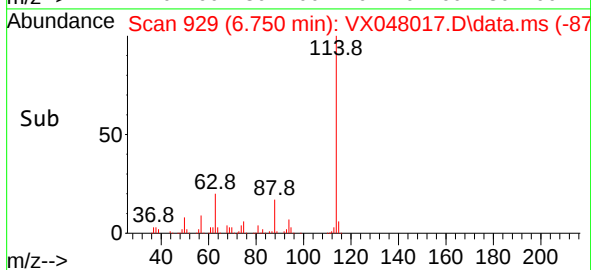
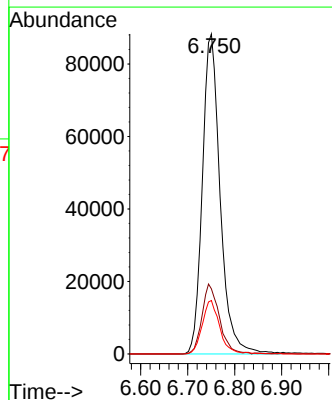
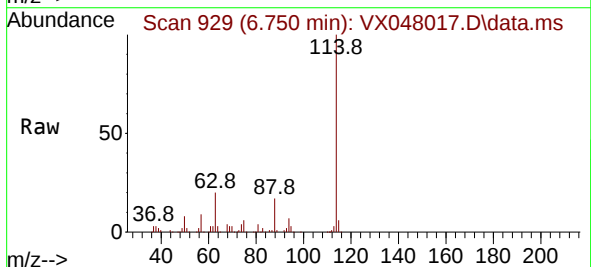
Instrument :
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 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

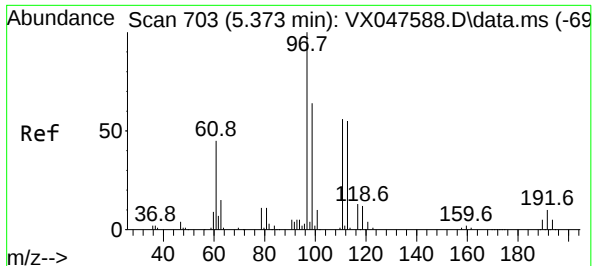
Tgt Ion: 65 Resp: 88244
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.750 min Scan# 929
 Delta R.T. 0.006 min
 Lab File: VX048017.D
 Acq: 06 Oct 2025 12:43

Tgt Ion: 114 Resp: 232170
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 44.0
 88 16.7 0.0 34.2

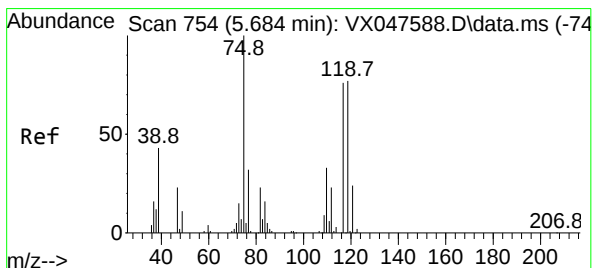
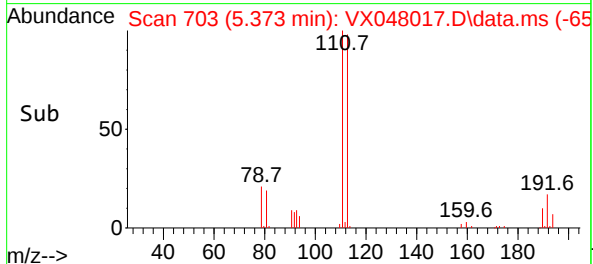
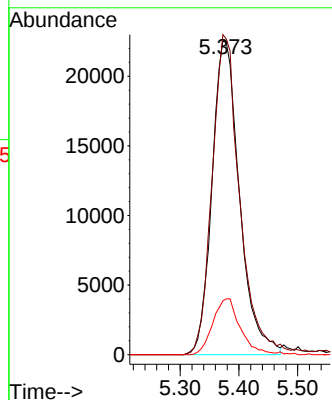
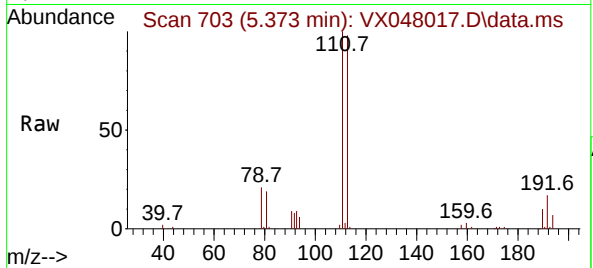




#35
Dibromofluoromethane
Concen: 47.073 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048017.D
Acq: 06 Oct 2025 12:43

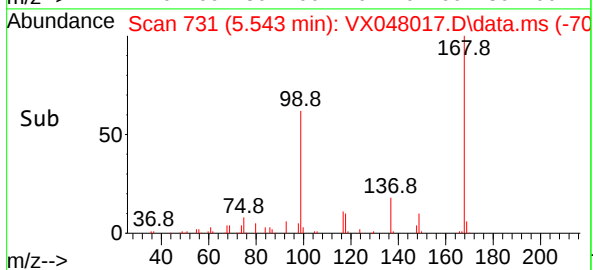
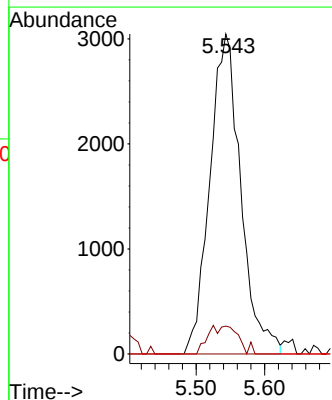
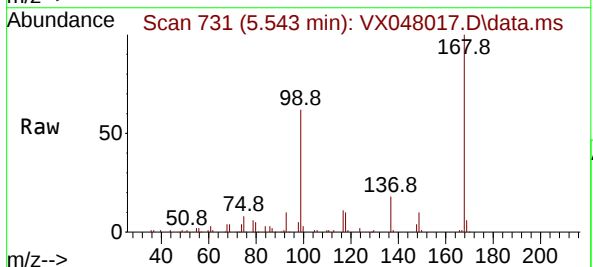
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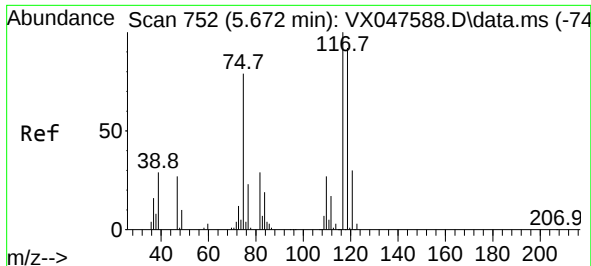
Tgt Ion:113 Resp: 73296
Ion Ratio Lower Upper
113 100
111 102.0 80.9 121.3
192 17.7 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.200 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.141 min
Lab File: VX048017.D
Acq: 06 Oct 2025 12:43

Tgt Ion: 75 Resp: 9555
Ion Ratio Lower Upper
75 100
110 3.3 16.7 50.1#
77 0.0 24.3 36.5#

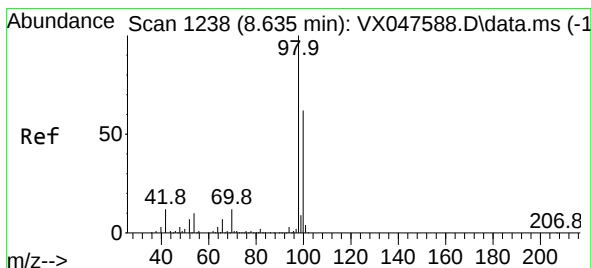
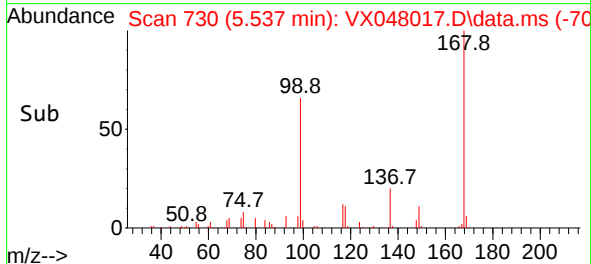
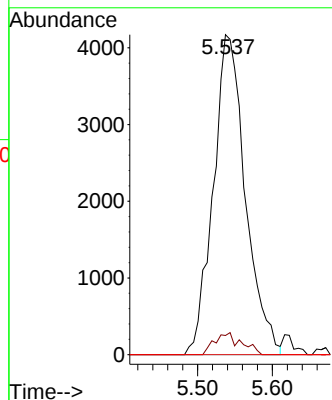
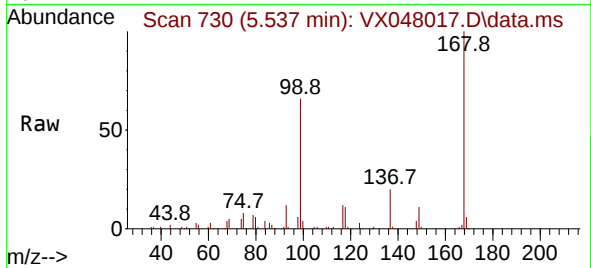




#38
Carbon Tetrachloride
Concen: 5.047 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.135 min
Lab File: VX048017.D
Acq: 06 Oct 2025 12:43

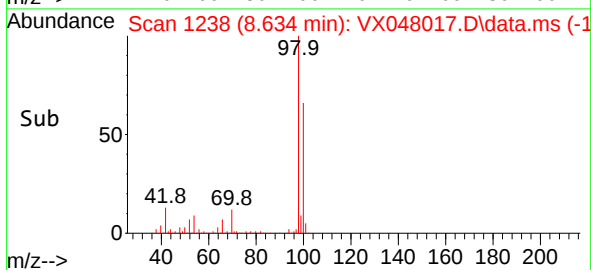
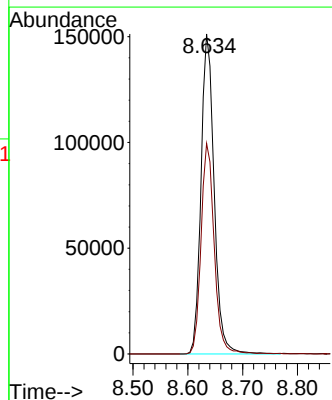
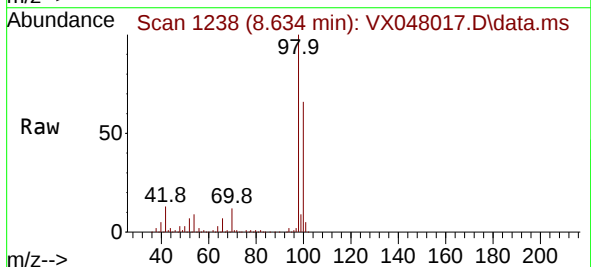
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

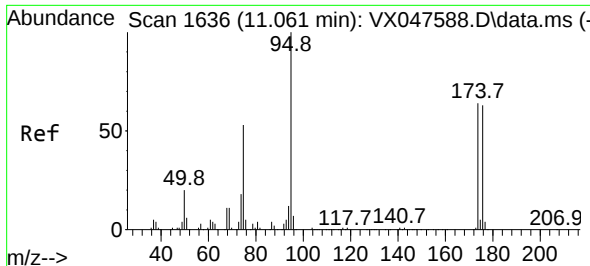
Tgt Ion:117 Resp: 12476
Ion Ratio Lower Upper
117 100
119 6.0 73.4 110.2#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 46.728 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048017.D
Acq: 06 Oct 2025 12:43

Tgt Ion: 98 Resp: 251760
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.4

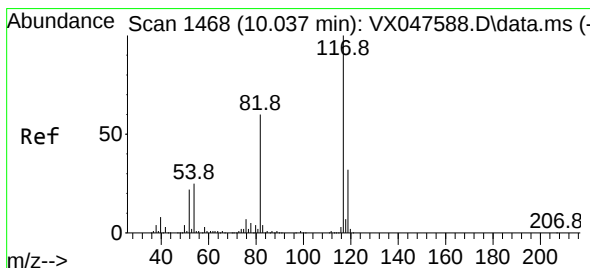
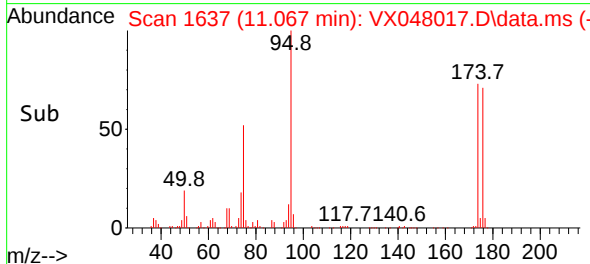
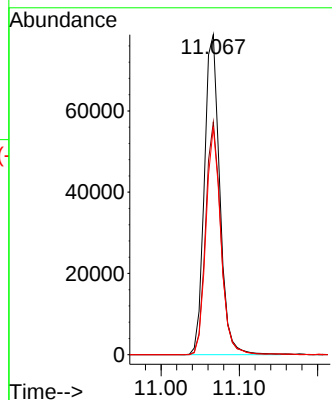
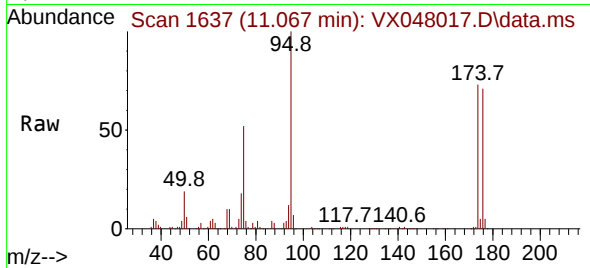




#62
4-Bromofluorobenzene
Concen: 52.467 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048017.D
Acq: 06 Oct 2025 12:43

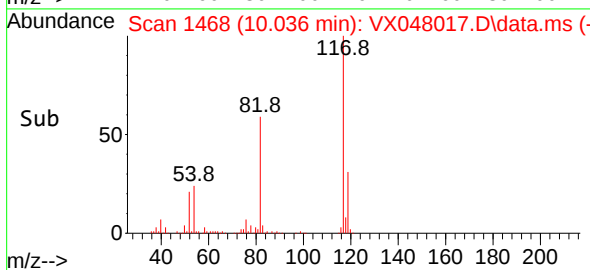
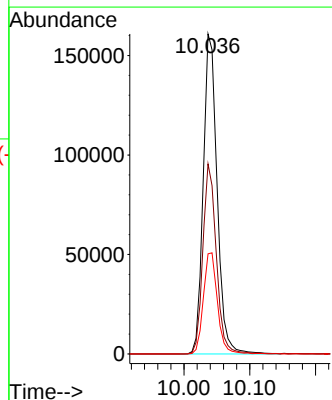
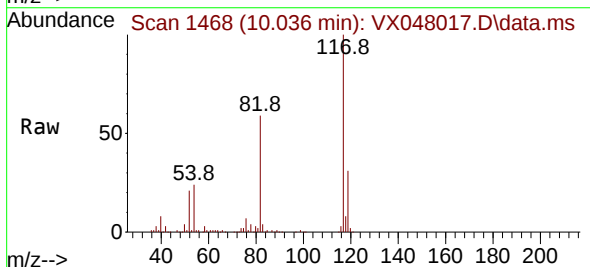
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

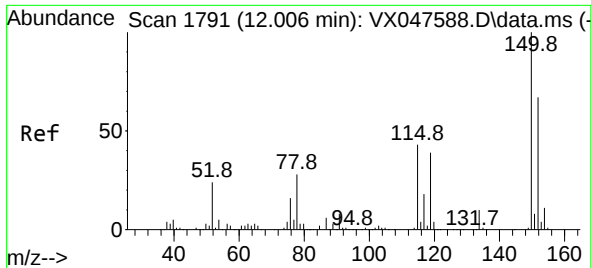
Tgt Ion: 95 Resp: 107281
Ion Ratio Lower Upper
95 100
174 72.0 0.0 141.6
176 68.7 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048017.D
Acq: 06 Oct 2025 12:43

Tgt Ion: 117 Resp: 236321
Ion Ratio Lower Upper
117 100
82 59.4 47.8 71.6
119 31.3 25.2 37.8

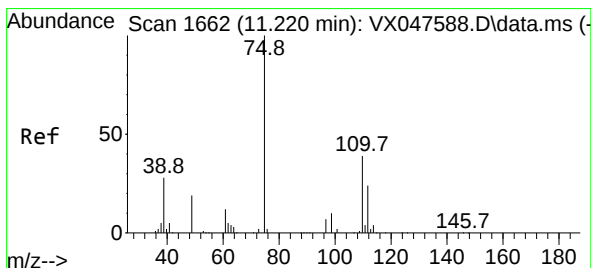
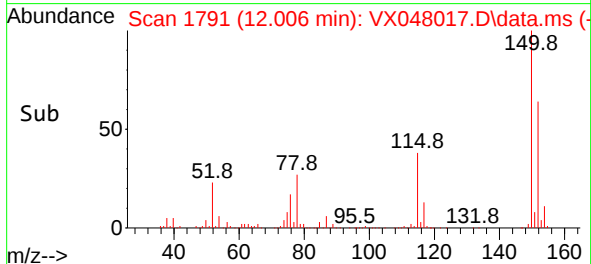
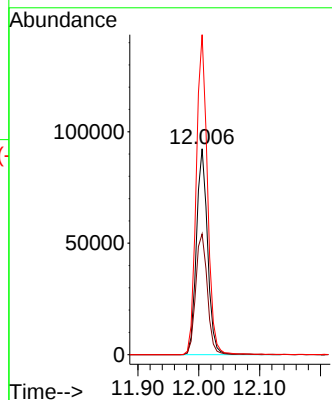
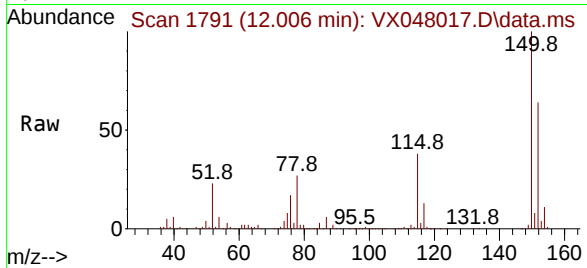




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048017.D
 Acq: 06 Oct 2025 12:43

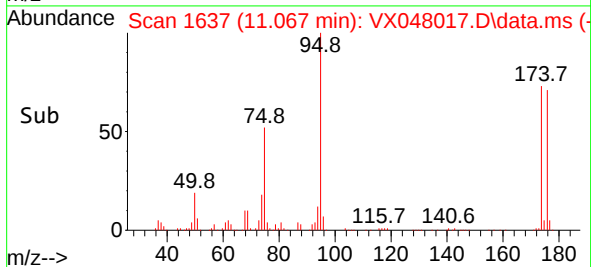
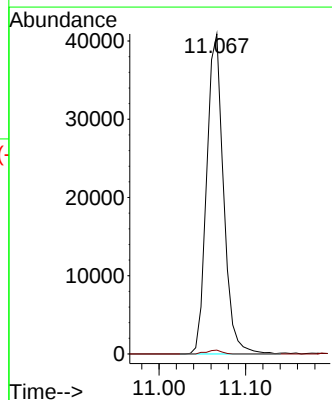
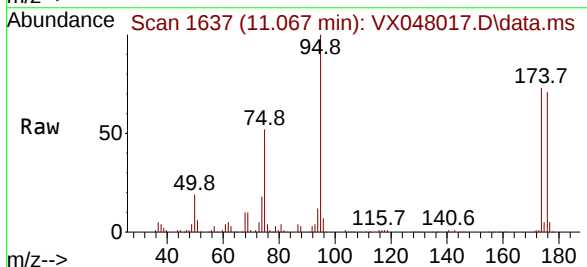
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

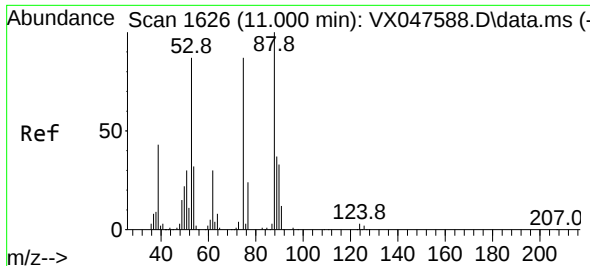
Tgt Ion:152 Resp: 117369
 Ion Ratio Lower Upper
 152 100
 115 61.1 44.9 134.5
 150 156.5 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 23.225 ug/l
 RT: 11.067 min Scan# 1637
 Delta R.T. -0.153 min
 Lab File: VX048017.D
 Acq: 06 Oct 2025 12:43

Tgt Ion: 75 Resp: 55192
 Ion Ratio Lower Upper
 75 100
 77 1.1 18.8 56.4#

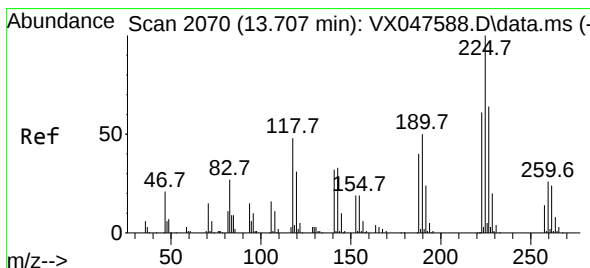
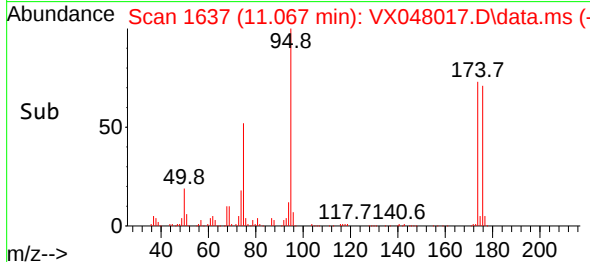
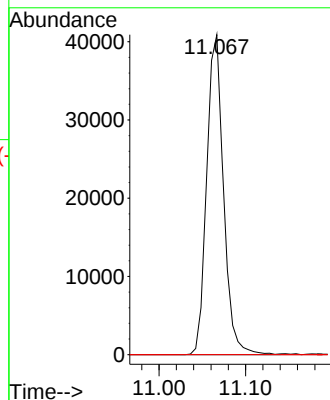
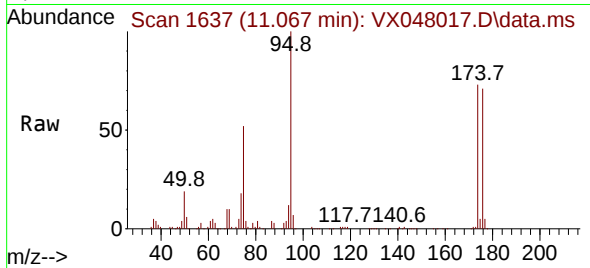




#81
trans-1,4-Dichloro-2-butene
Concen: 59.228 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX048017.D
Acq: 06 Oct 2025 12:43

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

Tgt Ion: 75 Resp: 55192
Ion Ratio Lower Upper
75 100
53 0.0 83.4 125.2#
89 0.0 36.3 54.5#



#94
Hexachlorobutadiene
Concen: 0.678 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX048017.D
Acq: 06 Oct 2025 12:43

Tgt Ion: 225 Resp: 582
Ion Ratio Lower Upper
225 100
223 58.4 31.7 95.1
227 51.0 32.0 96.0

