

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121625\
 Data File : VX048902.D
 Acq On : 16 Dec 2025 20:55
 Operator : JC/MD
 Sample : Q3850-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Dec 17 03:30:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 17 03:22:16 2025
 Response via : Initial Calibration

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

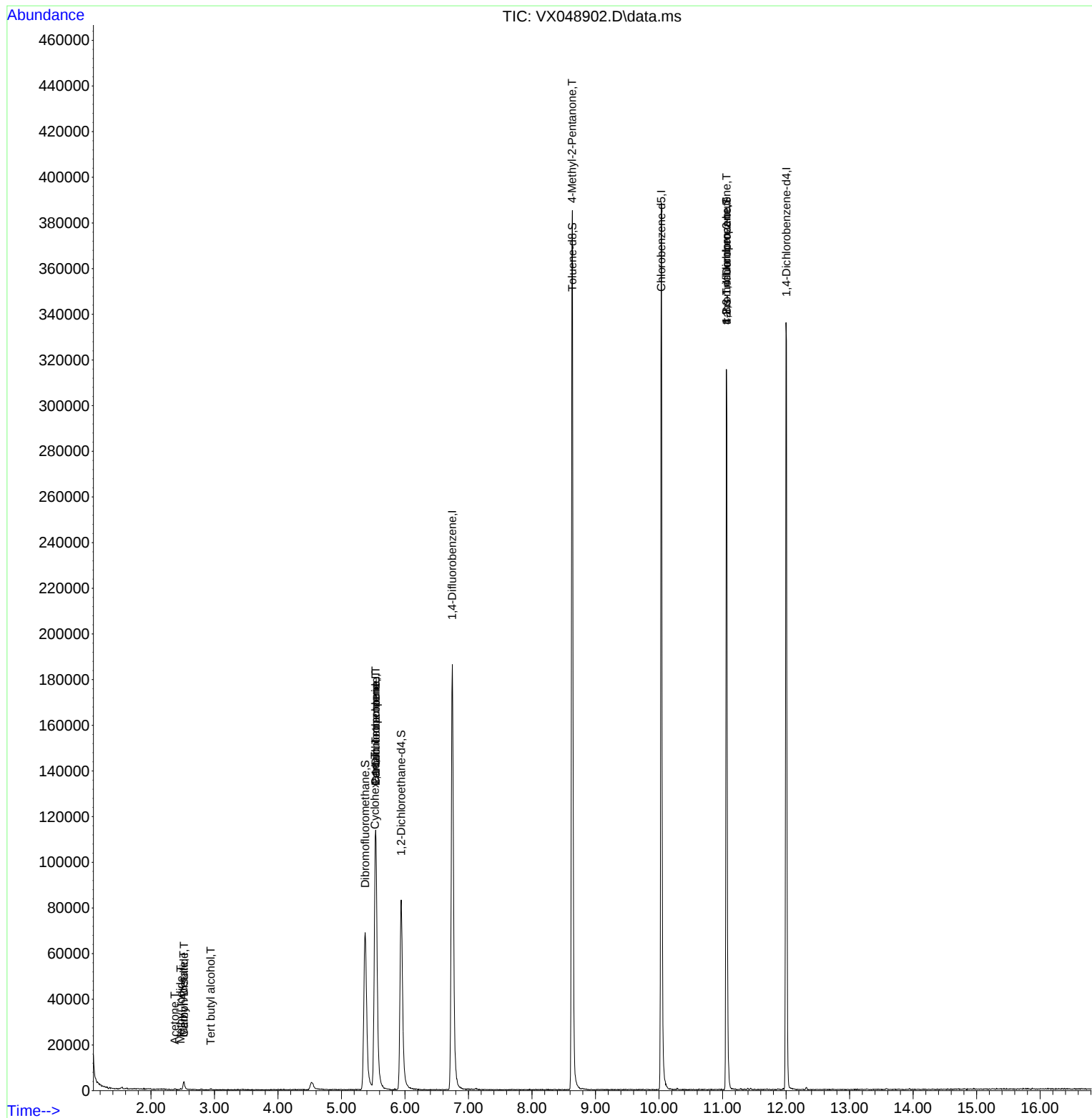
Internal Standards						
1) Pentafluorobenzene	5.538	168	115523	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	197044	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	172376	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	72203	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	89506	46.352	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.700%
35) Dibromofluoromethane	5.373	113	67840	46.320	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.640%
50) Toluene-d8	8.635	98	241151	46.120	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.240%
62) 4-Bromofluorobenzene	11.061	95	85107	45.336	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.680%
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.465	142	512	0.294	ug/l #	76
11) Tert butyl alcohol	2.941	59	114	1.023	ug/l #	73
16) Acetone	2.374	43	650	1.598	ug/l #	43
17) Carbon Disulfide	2.520	76	1597	0.439	ug/l #	90
18) Methyl Acetate	2.514	43	867	0.661	ug/l #	51
31) Cyclohexane	5.525	56	1469	0.677	ug/l #	45
36) 1,1-Dichloropropene	5.538	75	9717	5.286	ug/l #	47
38) Carbon Tetrachloride	5.538	117	12268	5.599	ug/l #	14
51) 4-Methyl-2-Pentanone	8.629	43	1162	0.713	ug/l #	1
76) 1,2,3-Trichloropropane	11.061	75	46862	40.366	ug/l #	30
81) trans-1,4-Dichloro-2-b...	11.061	75	46862	102.519	ug/l #	3

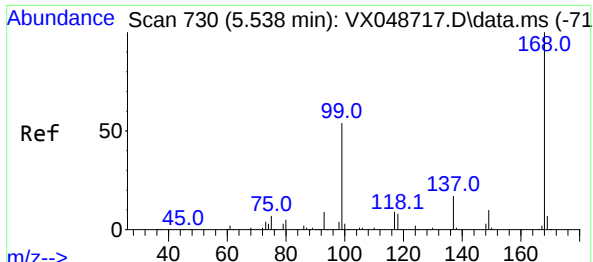
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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STORAGE-BLANK-WATER-REF-5

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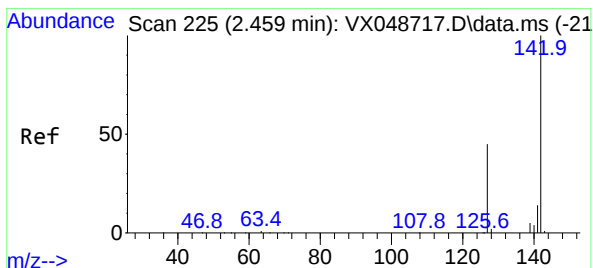
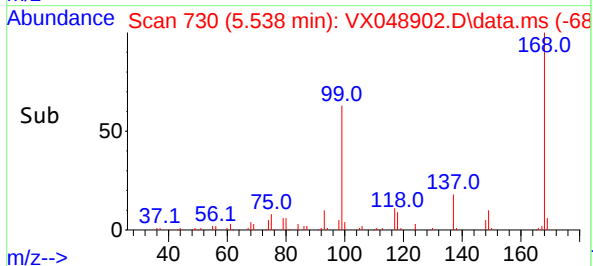
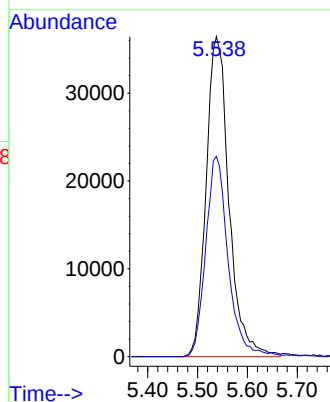
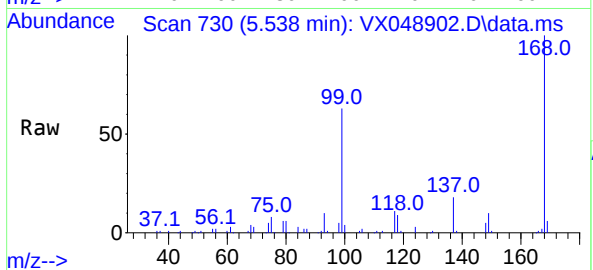




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048902.D
Acq: 16 Dec 2025 20:55

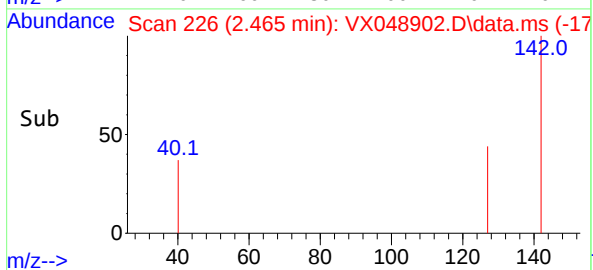
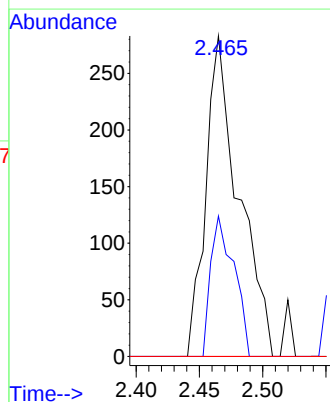
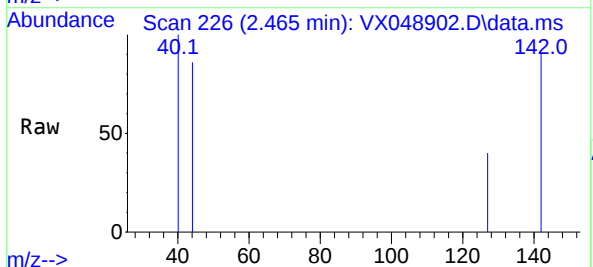
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

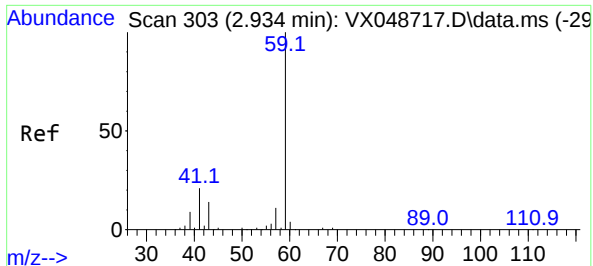
Tgt Ion:168 Resp: 115523
Ion Ratio Lower Upper
168 100
99 62.6 44.2 66.4



#10
Methyl Iodide
Concen: 0.294 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
Lab File: VX048902.D
Acq: 16 Dec 2025 20:55

Tgt Ion:142 Resp: 512
Ion Ratio Lower Upper
142 100
127 31.1 35.8 53.6#
141 0.0 11.1 16.7#





#11

Tert butyl alcohol

Concen: 1.023 ug/l

RT: 2.941 min Scan# 304

Delta R.T. 0.006 min

Lab File: VX048902.D

Acq: 16 Dec 2025 20:55

Instrument :

MSVOA_X

ClientSampleId :

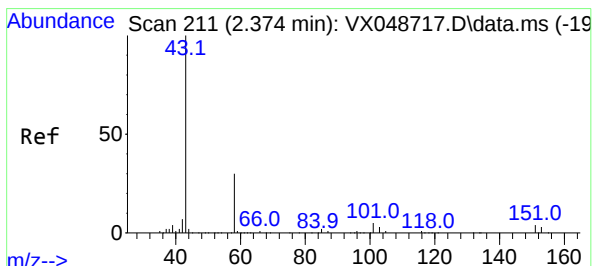
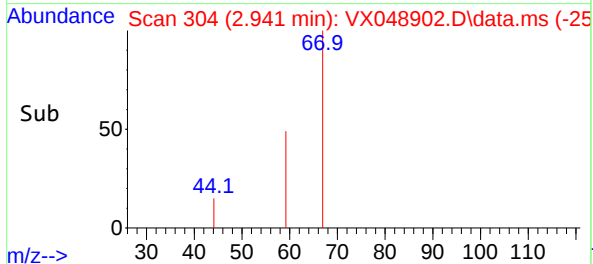
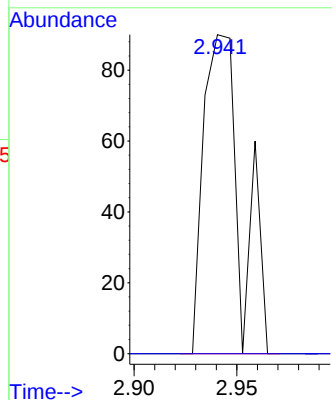
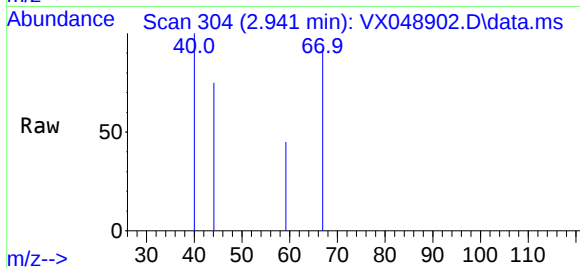
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 59 Resp: 114

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#16

Acetone

Concen: 1.598 ug/l

RT: 2.374 min Scan# 211

Delta R.T. 0.000 min

Lab File: VX048902.D

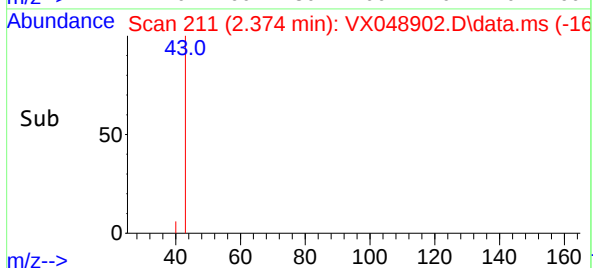
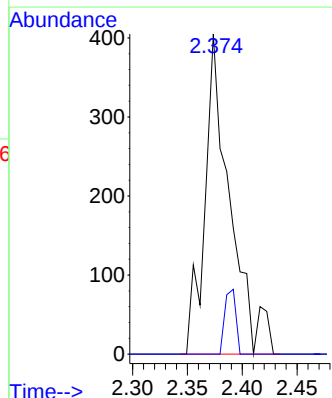
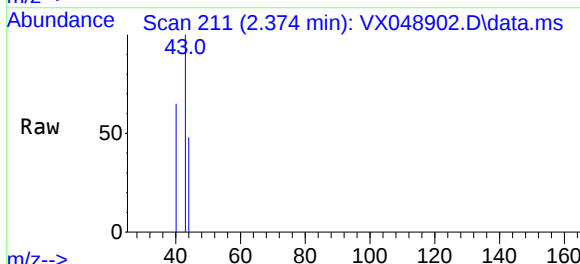
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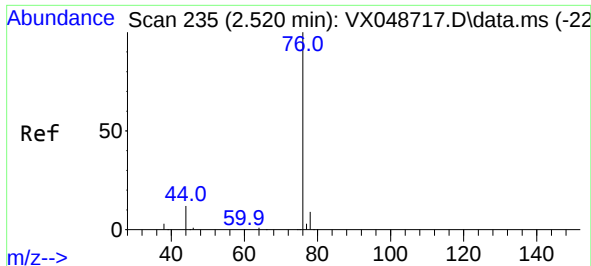
Tgt Ion: 43 Resp: 650

Ion Ratio Lower Upper

43 100

58 0.0 25.0 37.4#

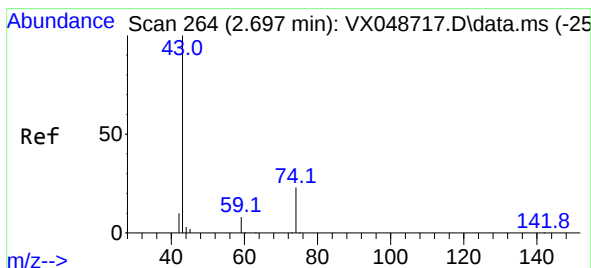
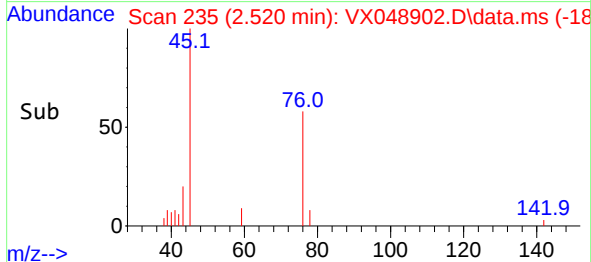
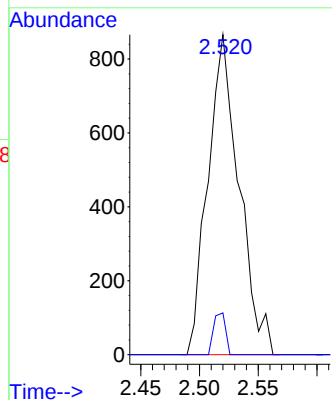
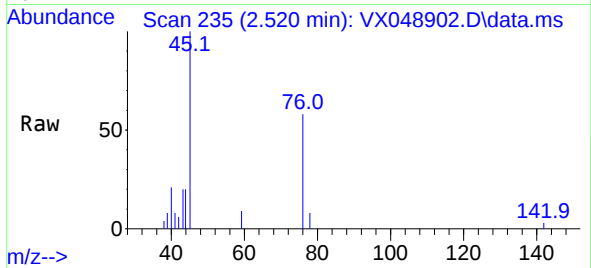




#17
Carbon Disulfide
Concen: 0.439 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX048902.D
Acq: 16 Dec 2025 20:55

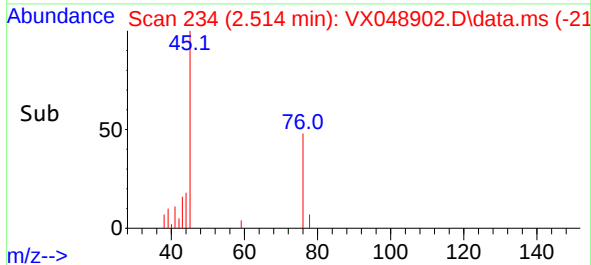
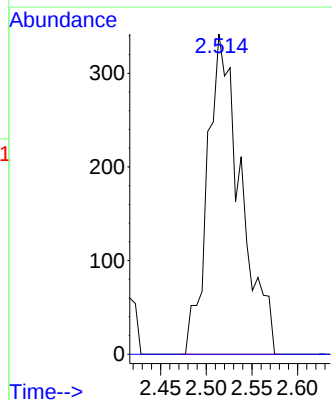
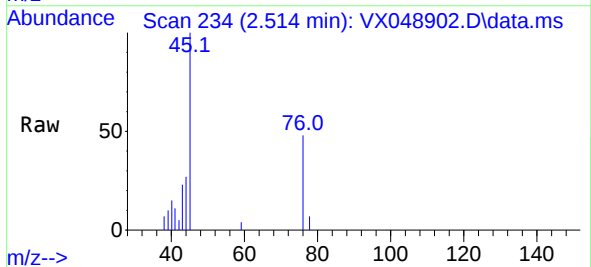
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

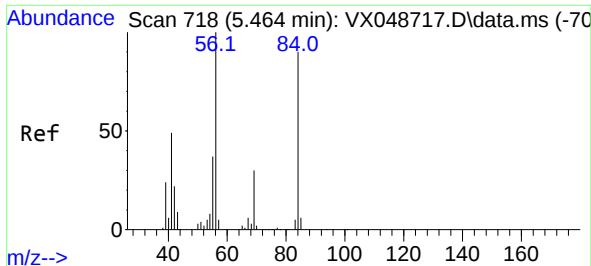
Tgt Ion: 76 Resp: 1597
Ion Ratio Lower Upper
76 100
78 13.0 7.4 11.2#



#18
Methyl Acetate
Concen: 0.661 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.183 min
Lab File: VX048902.D
Acq: 16 Dec 2025 20:55

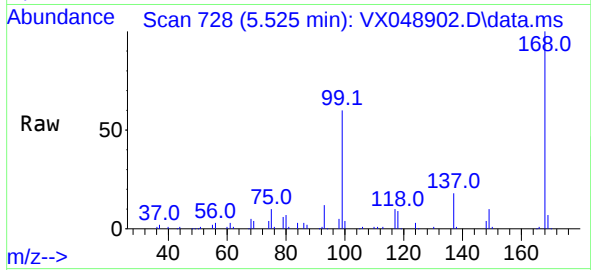
Tgt Ion: 43 Resp: 867
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



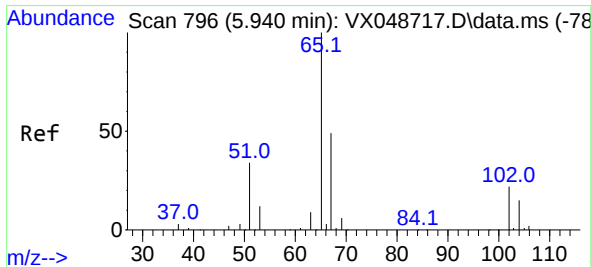
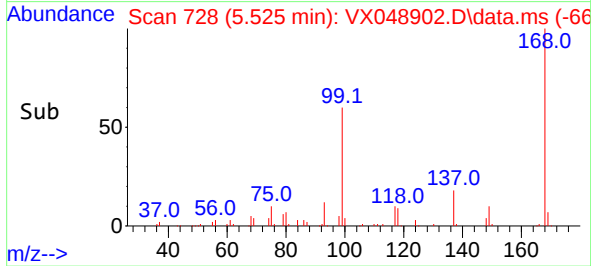
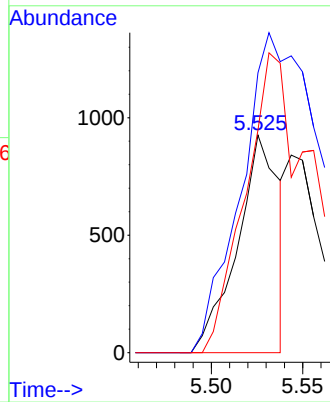


#31
Cyclohexane
Concen: 0.677 ug/l
RT: 5.525 min Scan# 718
Delta R.T. 0.067 min
Lab File: VX048902.D
Acq: 16 Dec 2025 20:55

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

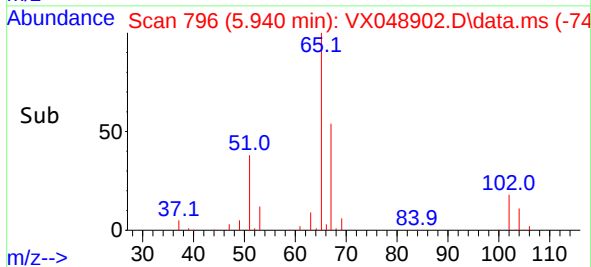
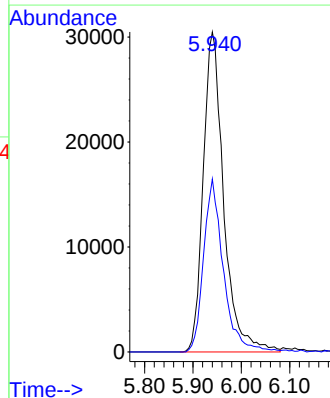
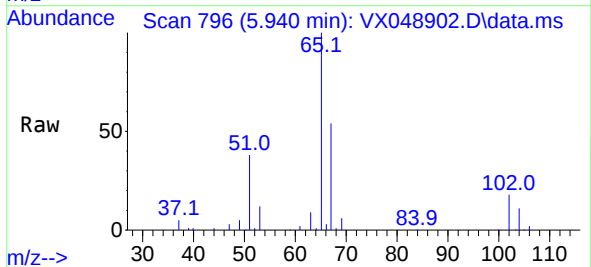


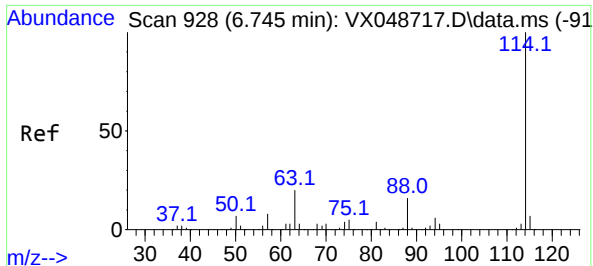
Tgt Ion: 56 Resp: 1469
Ion Ratio Lower Upper
56 100
69 128.6 24.2 36.2#
84 102.3 72.1 108.1



#33
1,2-Dichloroethane-d4
Concen: 46.352 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048902.D
Acq: 16 Dec 2025 20:55

Tgt Ion: 65 Resp: 89506
Ion Ratio Lower Upper
65 100
67 52.3 0.0 107.4

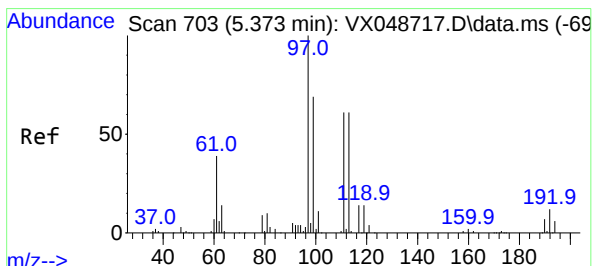
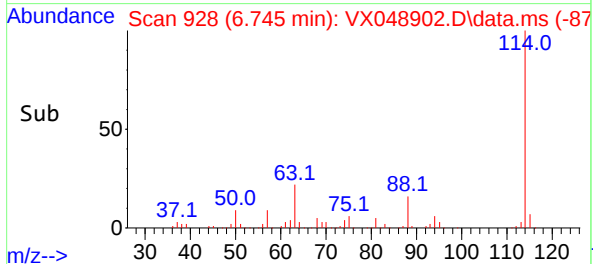
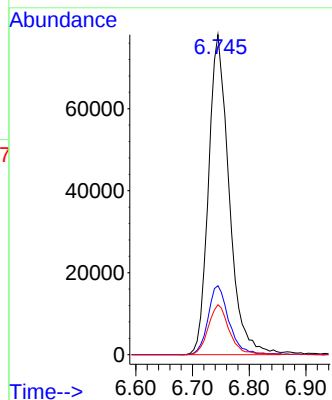
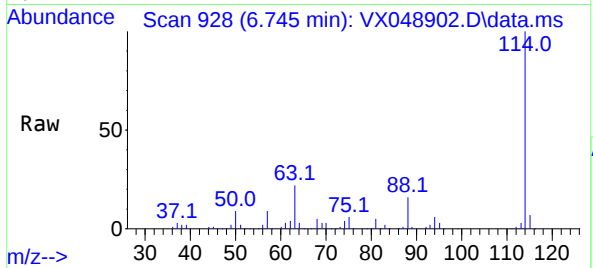




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX048902.D
Acq: 16 Dec 2025 20:55

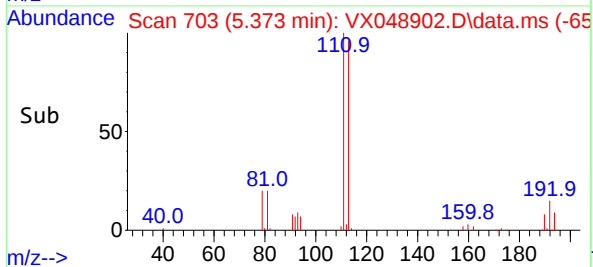
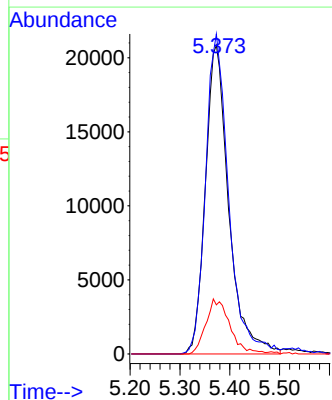
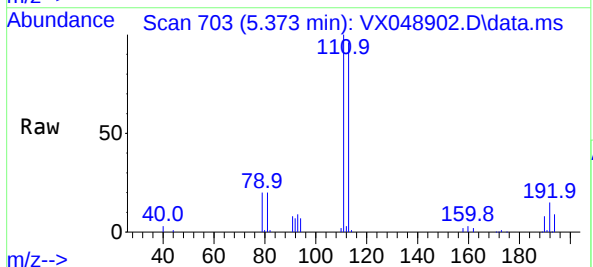
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

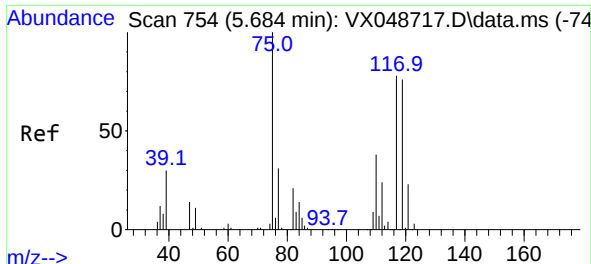
Tgt Ion:114 Resp: 197044
Ion Ratio Lower Upper
114 100
63 21.5 0.0 39.0
88 15.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.320 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX048902.D
Acq: 16 Dec 2025 20:55

Tgt Ion:113 Resp: 67840
Ion Ratio Lower Upper
113 100
111 102.7 79.5 119.3
192 18.3 16.1 24.1

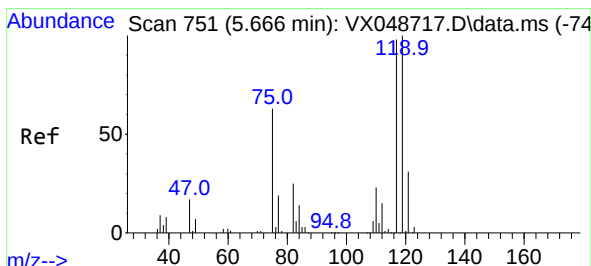
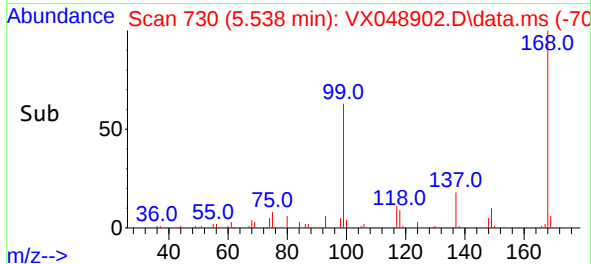
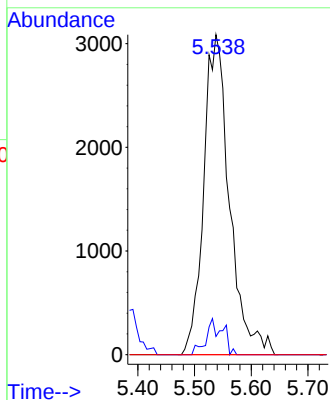
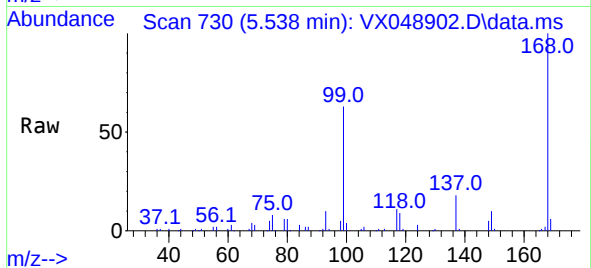




#36
1,1-Dichloropropene
Concen: 5.286 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX048902.D
Acq: 16 Dec 2025 20:55

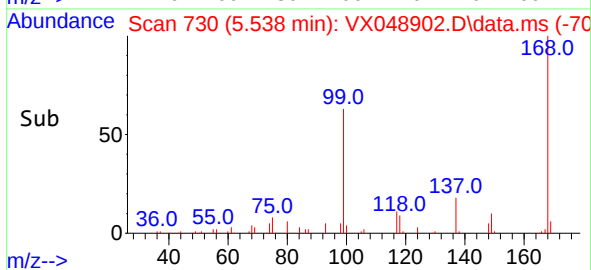
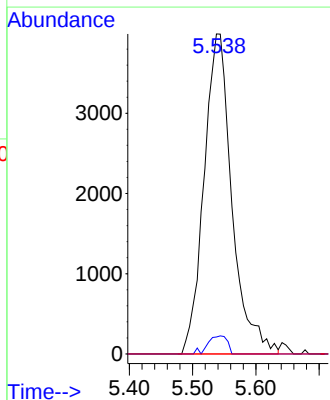
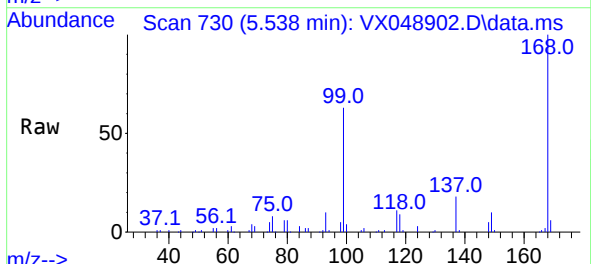
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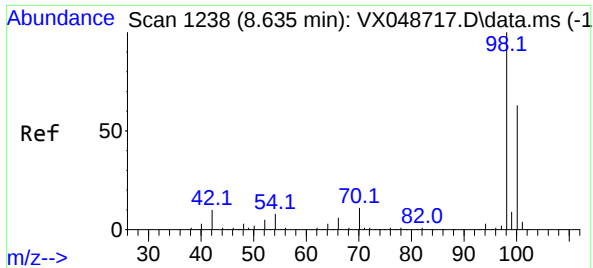
Tgt Ion: 75 Resp: 9717
Ion Ratio Lower Upper
75 100
110 7.3 18.6 55.8#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.599 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.128 min
Lab File: VX048902.D
Acq: 16 Dec 2025 20:55

Tgt Ion: 117 Resp: 12268
Ion Ratio Lower Upper
117 100
119 5.3 80.5 120.7#
121 0.0 25.4 38.0#

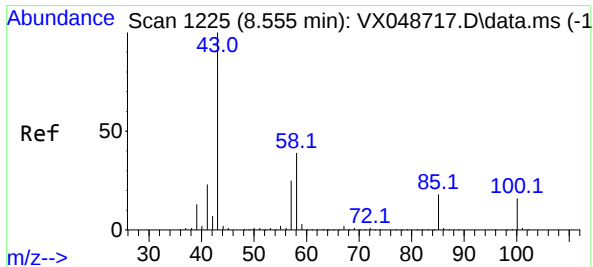
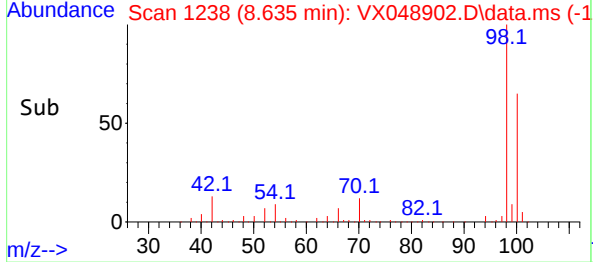
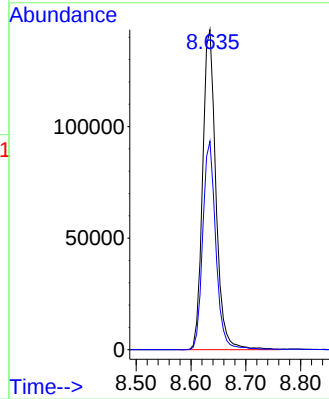
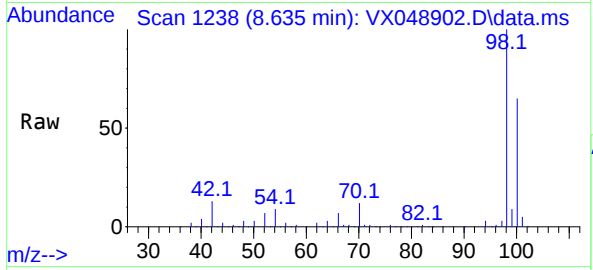




#50
Toluene-d8
Concen: 46.120 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048902.D
Acq: 16 Dec 2025 20:55

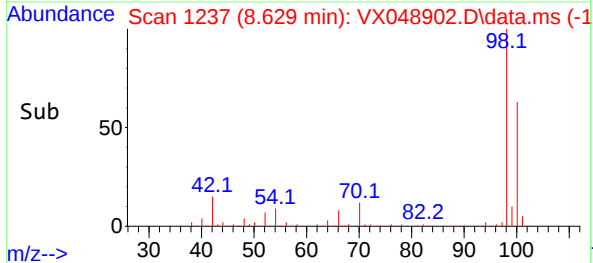
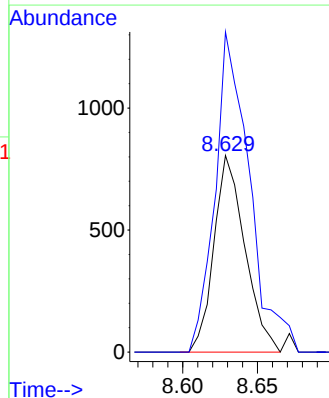
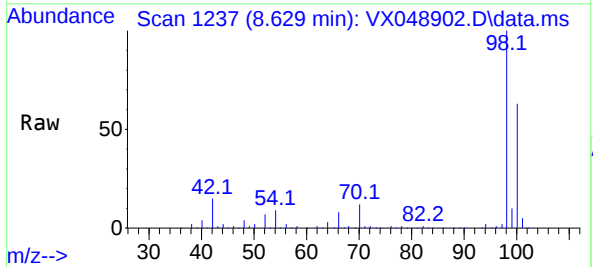
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

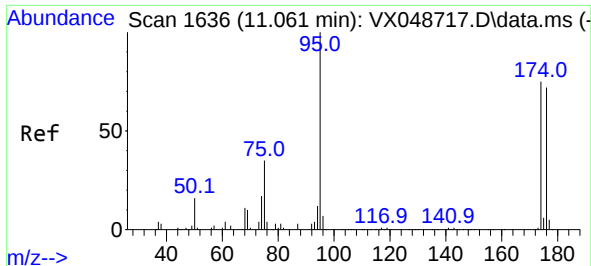
Tgt Ion: 98 Resp: 241151
Ion Ratio Lower Upper
98 100
100 64.1 53.4 80.0



#51
4-Methyl-2-Pentanone
Concen: 0.713 ug/l
RT: 8.629 min Scan# 1237
Delta R.T. 0.073 min
Lab File: VX048902.D
Acq: 16 Dec 2025 20:55

Tgt Ion: 43 Resp: 1162
Ion Ratio Lower Upper
43 100
58 180.9 32.2 48.4#

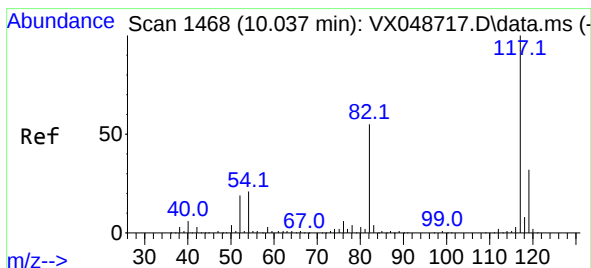
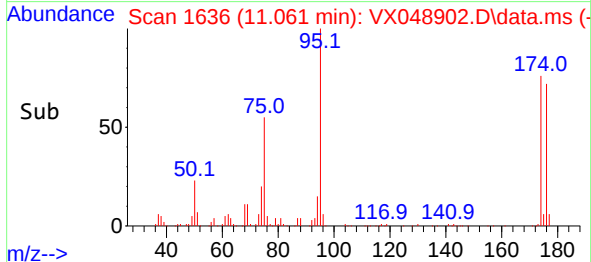
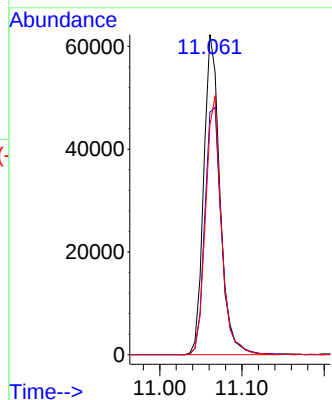
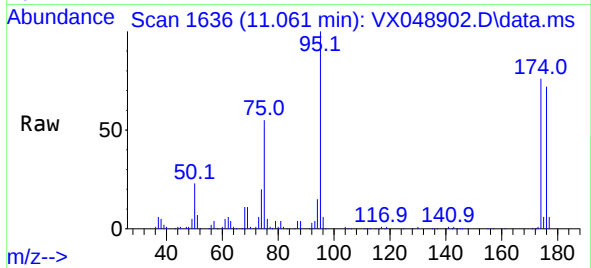




#62
4-Bromofluorobenzene
Concen: 45.336 ug/l
RT: 11.061 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048902.D
Acq: 16 Dec 2025 20:55

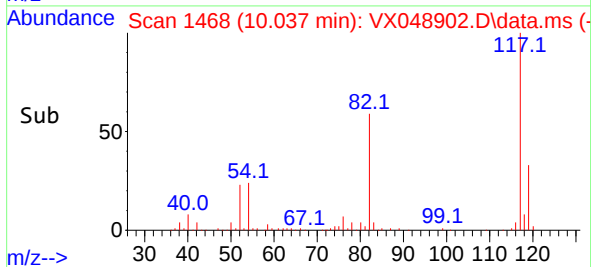
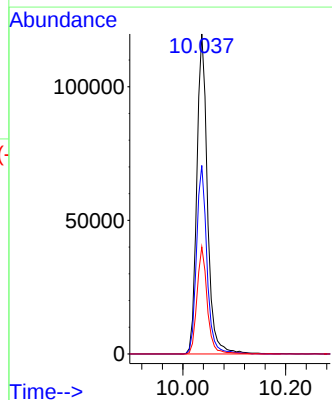
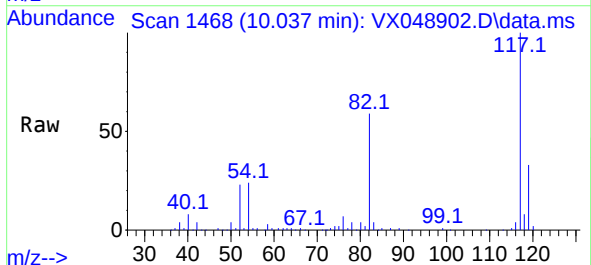
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

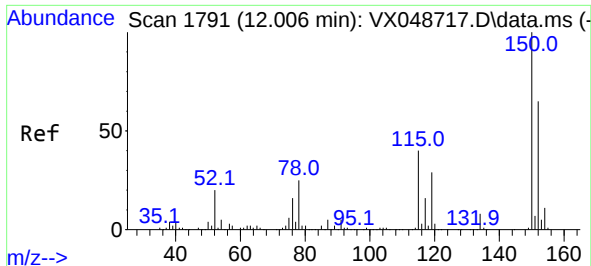
Tgt Ion: 95 Resp: 85107
Ion Ratio Lower Upper
95 100
174 80.7 0.0 157.8
176 78.7 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048902.D
Acq: 16 Dec 2025 20:55

Tgt Ion: 117 Resp: 172376
Ion Ratio Lower Upper
117 100
82 58.9 44.1 66.1
119 33.5 25.2 37.8

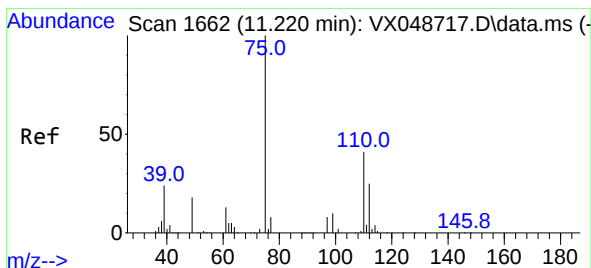
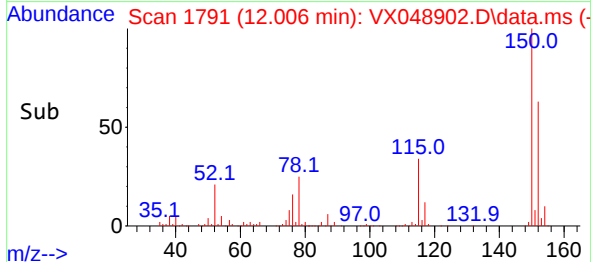
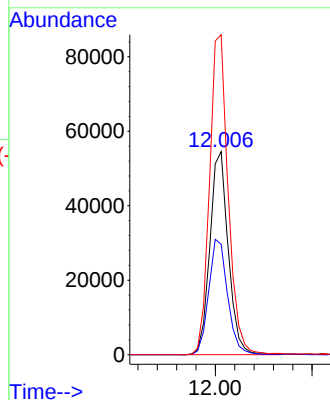
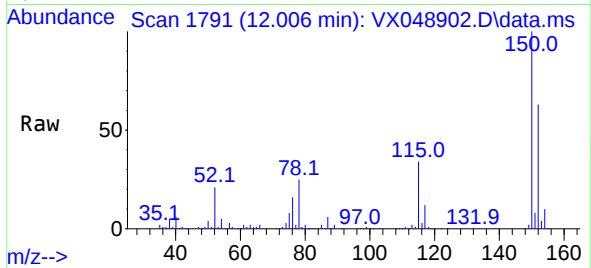




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX048902.D
Acq: 16 Dec 2025 20:55

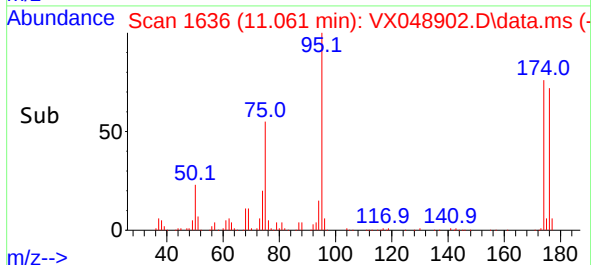
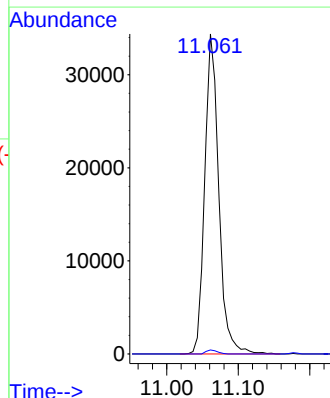
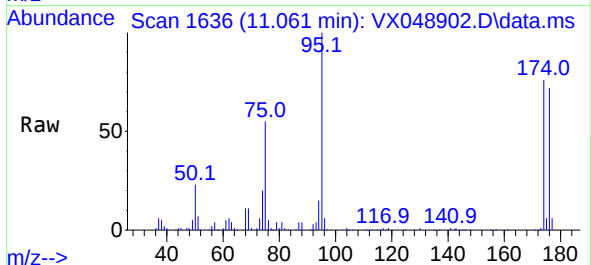
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

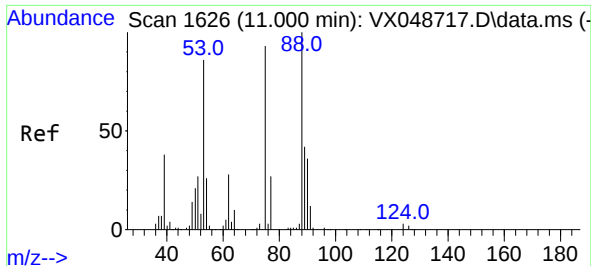
Tgt Ion:152 Resp: 72203
Ion Ratio Lower Upper
152 100
115 58.4 42.1 126.4
150 159.6 0.0 347.8



#76
1,2,3-Trichloropropane
Concen: 40.366 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX048902.D
Acq: 16 Dec 2025 20:55

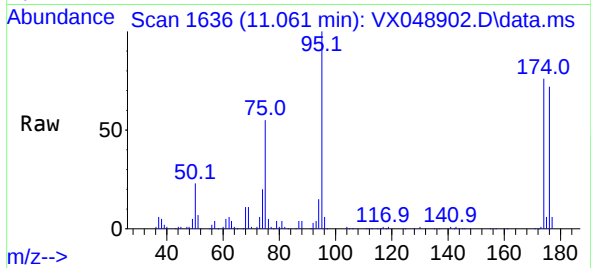
Tgt Ion: 75 Resp: 46862
Ion Ratio Lower Upper
75 100
77 1.0 24.3 73.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 102.519 ug/l
 RT: 11.061 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX048902.D
 Acq: 16 Dec 2025 20:55

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



Tgt Ion: 75 Resp: 46862
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.9 119.9#
 89 0.0 67.1 100.7#

