

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045554.D
 Acq On : 02 Apr 2025 18:01
 Operator : JC/MD
 Sample : Q1623-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-WATER-REF-5

Quant Time: Apr 03 01:56:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	66307	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	131264	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	119170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	47363	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59133	48.766	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.540%
35) Dibromofluoromethane	5.379	113	43295	46.488	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.980%
50) Toluene-d8	8.647	98	149939	46.126	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.260%
62) 4-Bromofluorobenzene	11.079	95	53686	45.341	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	90.680%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	291	0.286	ug/l #	42
11) Tert butyl alcohol	2.946	59	275	1.688	ug/l #	72
16) Acetone	2.373	43	617	1.239	ug/l	98
31) Cyclohexane	5.550	56	2040	1.371	ug/l #	45
36) 1,1-Dichloropropene	5.544	75	6649	5.288	ug/l #	50
38) Carbon Tetrachloride	5.544	117	7803	5.742	ug/l #	15
44) Trichloroethene	7.129	130	476	0.521	ug/l	96
51) 4-Methyl-2-Pentanone	8.647	43	922	0.579	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	31058	26.883	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	31058	91.238	ug/l #	1

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

Quant Time: Apr 03 01:56:30 2025
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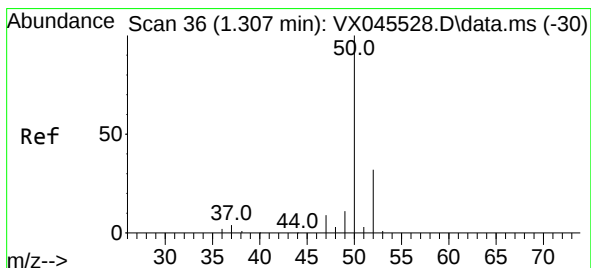
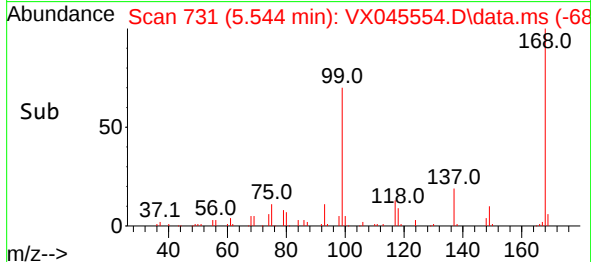
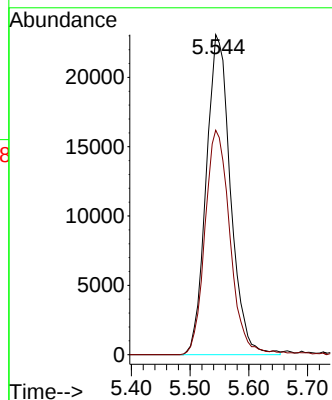
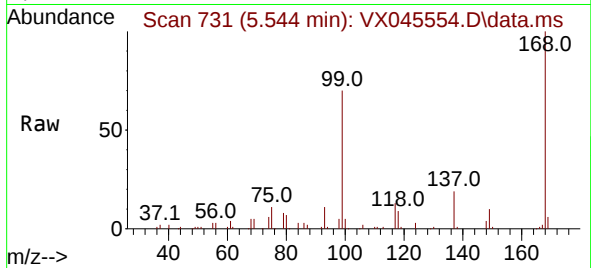




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045554.D
Acq: 02 Apr 2025 18:01

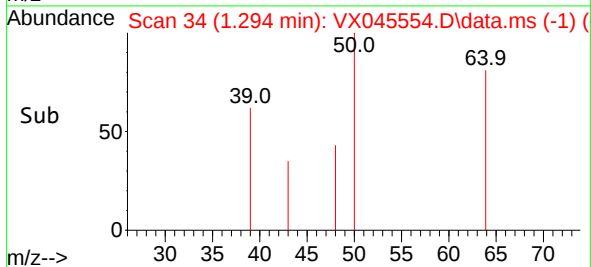
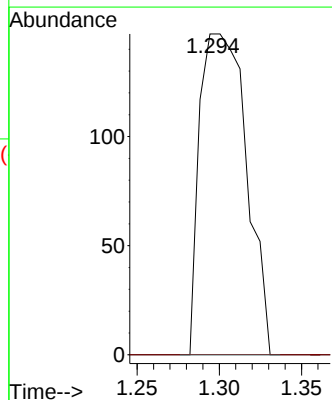
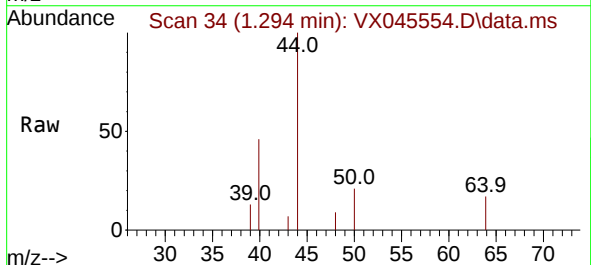
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

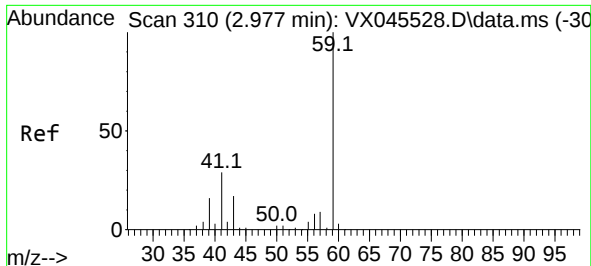
Tgt Ion:168 Resp: 66307
Ion Ratio Lower Upper
168 100
99 70.2 52.3 78.5



#3
Chloromethane
Concen: 0.286 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.012 min
Lab File: VX045554.D
Acq: 02 Apr 2025 18:01

Tgt Ion: 50 Resp: 291
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#





#11

Tert butyl alcohol

Concen: 1.688 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.031 min

Lab File: VX045554.D

Acq: 02 Apr 2025 18:01

Instrument :

MSVOA_X

ClientSampleId :

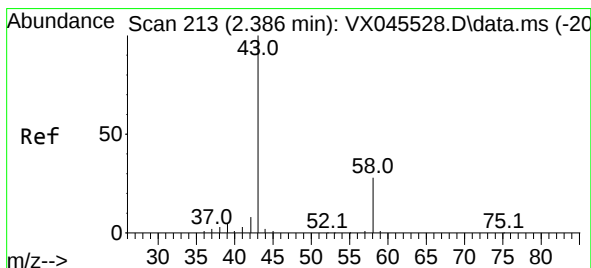
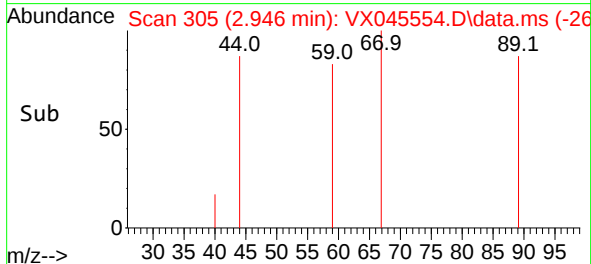
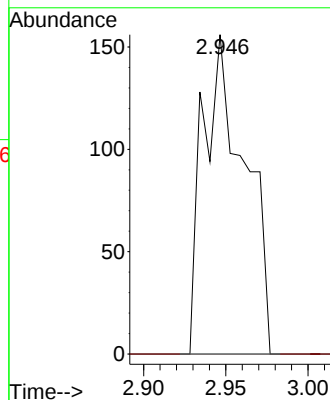
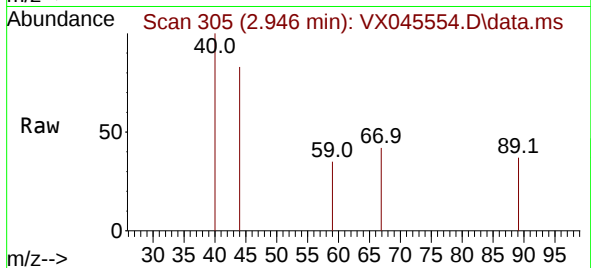
Storage-Blank-WATER-REF-5

Tgt Ion: 59 Resp: 275

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



#16

Acetone

Concen: 1.239 ug/l

RT: 2.373 min Scan# 211

Delta R.T. -0.012 min

Lab File: VX045554.D

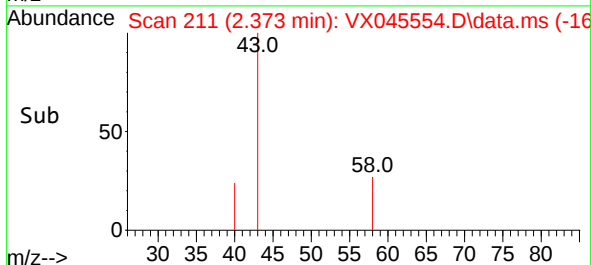
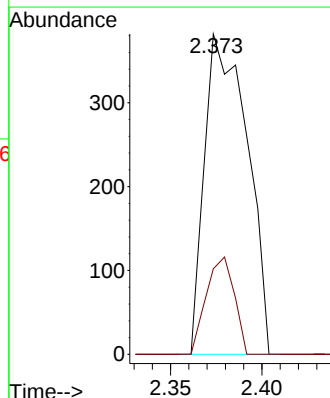
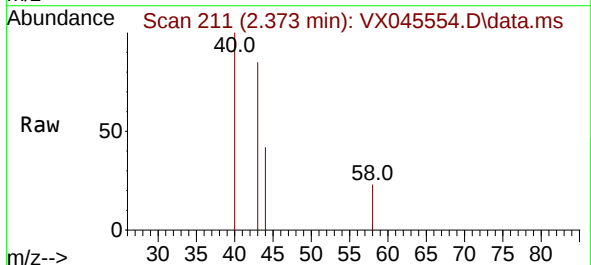
Acq: 02 Apr 2025 18:01

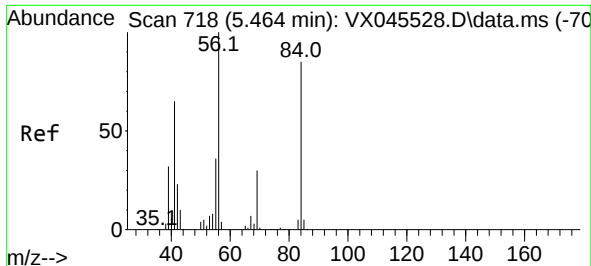
Tgt Ion: 43 Resp: 617

Ion Ratio Lower Upper

43 100

58 26.7 22.3 33.5





#31

Cyclohexane

Concen: 1.371 ug/l

RT: 5.550 min Scan# 718

Delta R.T. 0.085 min

Lab File: VX045554.D

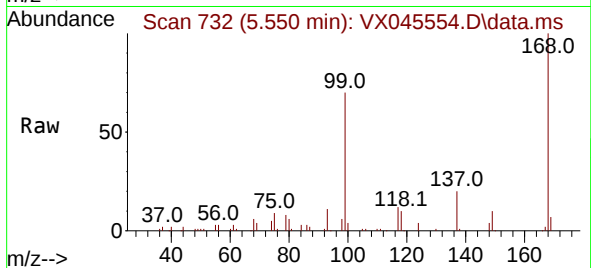
Acq: 02 Apr 2025 18:01

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-WATER-REF-5



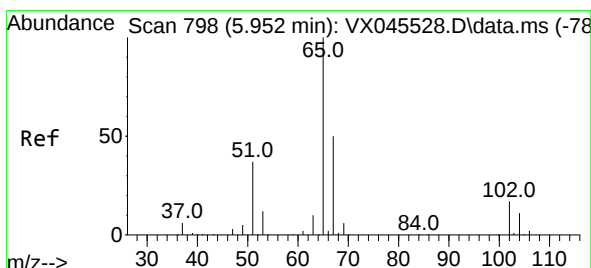
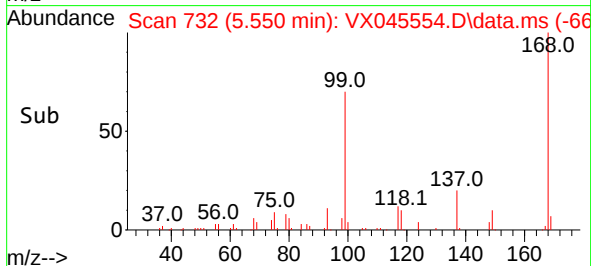
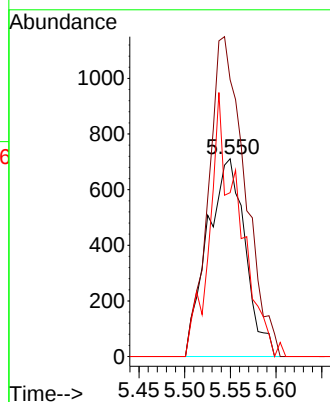
Tgt Ion: 56 Resp: 2040

Ion Ratio Lower Upper

56 100

69 139.9 23.6 35.4#

84 82.8 67.7 101.5



#33

1,2-Dichloroethane-d4

Concen: 48.766 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045554.D

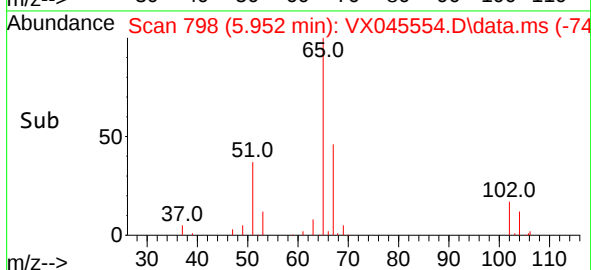
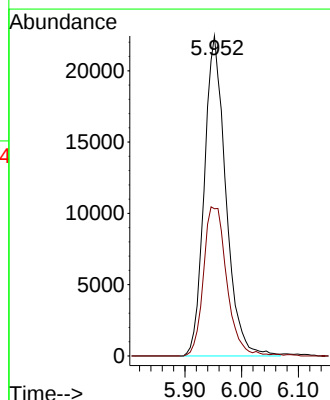
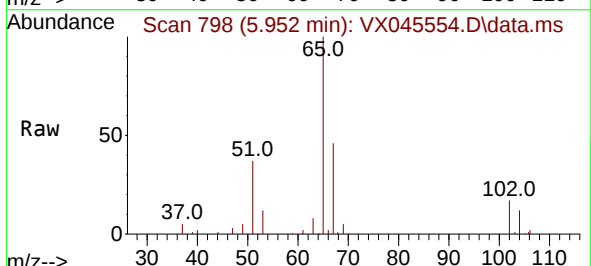
Acq: 02 Apr 2025 18:01

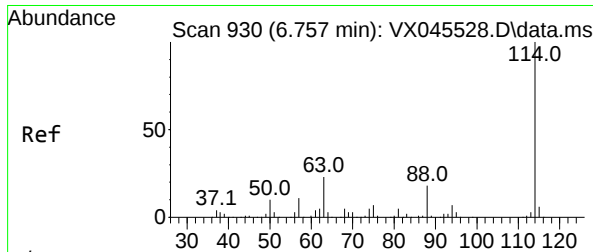
Tgt Ion: 65 Resp: 59133

Ion Ratio Lower Upper

65 100

67 50.3 0.0 99.0

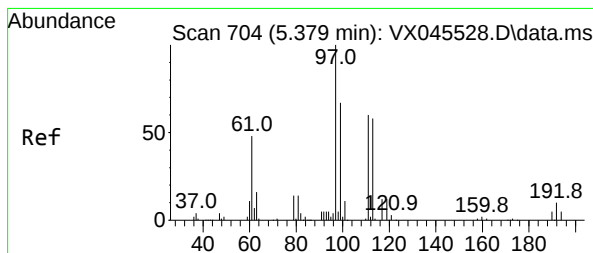
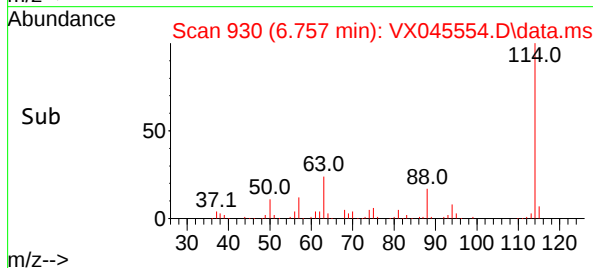
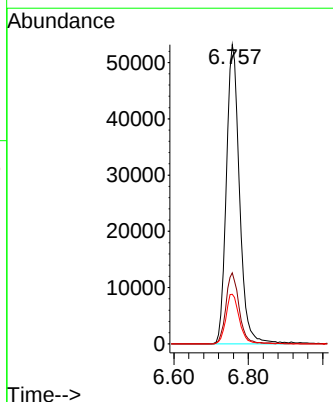
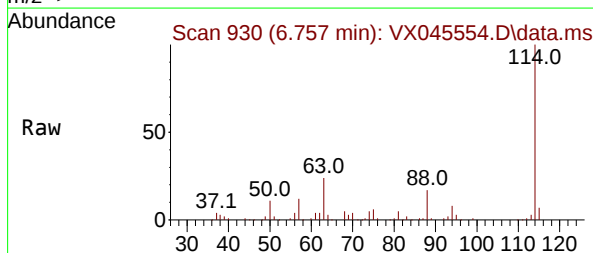




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX045554.D
Acq: 02 Apr 2025 18:01

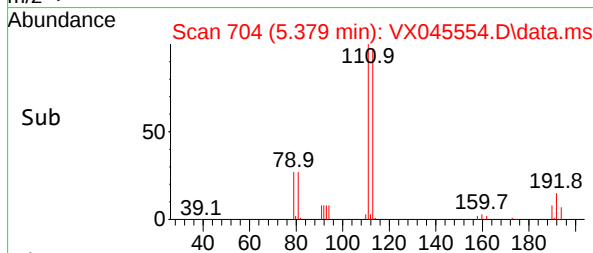
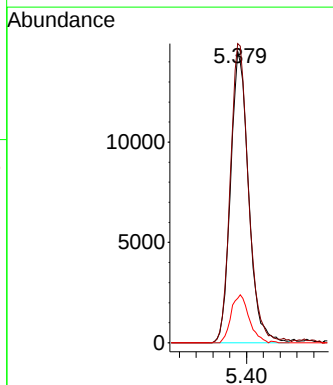
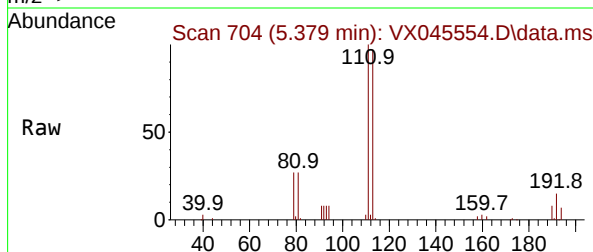
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

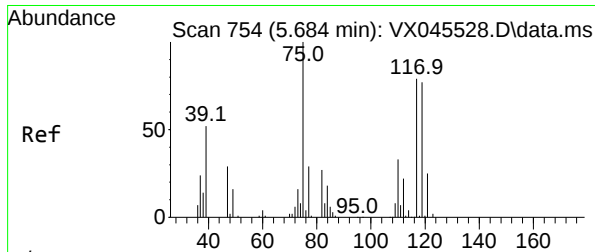
Tgt Ion:	114	Resp:	131264
Ion	Ratio	Lower	Upper
114	100		
63	23.7	0.0	46.8
88	16.5	0.0	35.4



#35
Dibromofluoromethane
Concen: 46.488 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045554.D
Acq: 02 Apr 2025 18:01

Tgt Ion:	113	Resp:	43295
Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.8	122.6
192	16.4	13.8	20.6

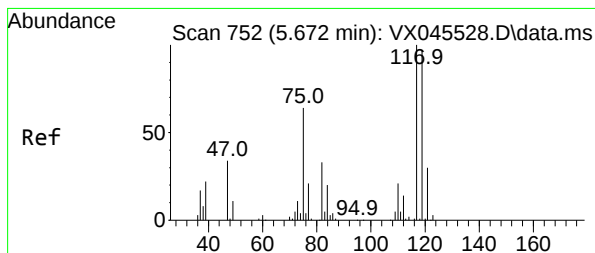
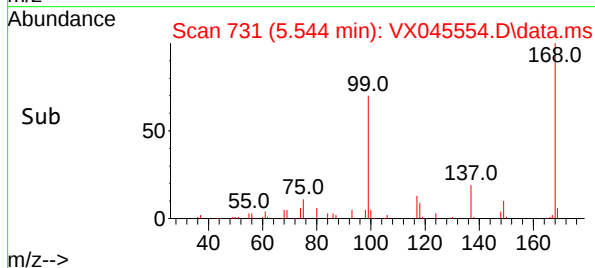
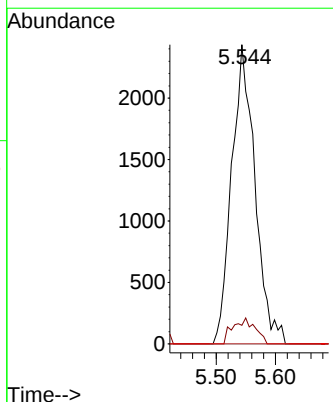
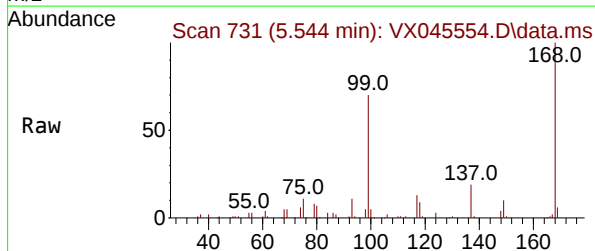




#36
 1,1-Dichloropropene
 Concen: 5.288 ug/l
 RT: 5.544 min Scan# 71
 Delta R.T. -0.140 min
 Lab File: VX045554.D
 Acq: 02 Apr 2025 18:01

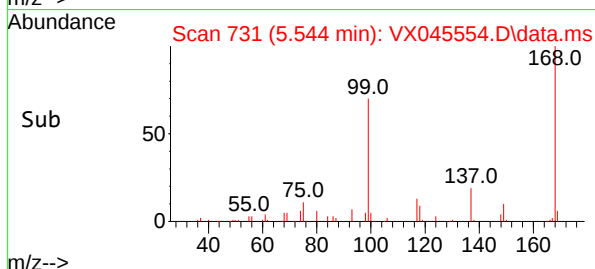
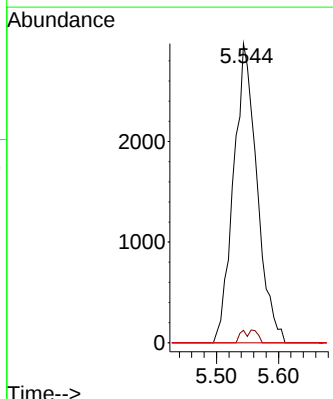
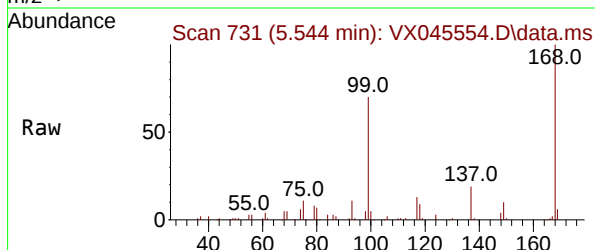
Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-WATER-REF-5

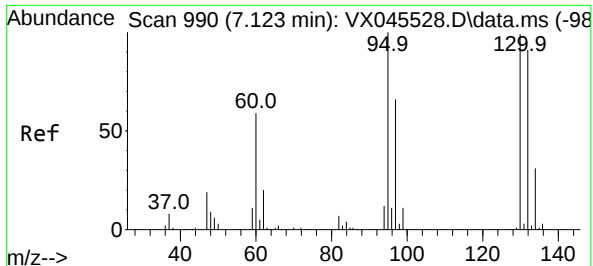
Tgt Ion: 75 Resp: 6649
 Ion Ratio Lower Upper
 75 100
 110 8.2 16.9 50.6#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.742 ug/l
 RT: 5.544 min Scan# 731
 Delta R.T. -0.128 min
 Lab File: VX045554.D
 Acq: 02 Apr 2025 18:01

Tgt Ion: 117 Resp: 7803
 Ion Ratio Lower Upper
 117 100
 119 4.1 76.9 115.3#
 121 0.0 24.2 36.2#

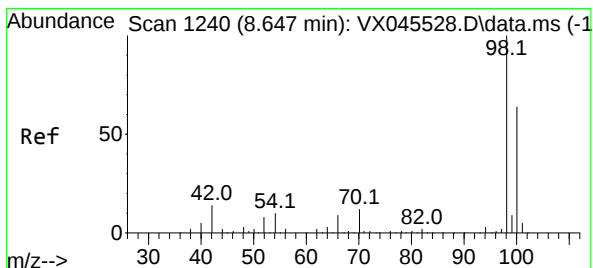
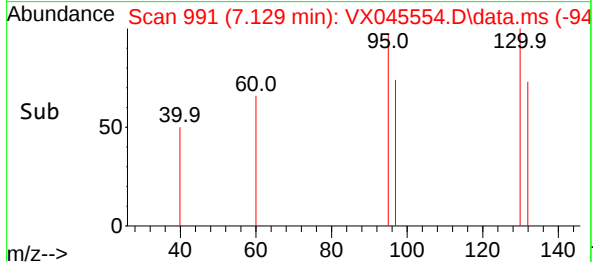
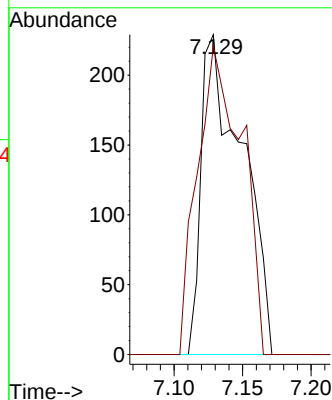
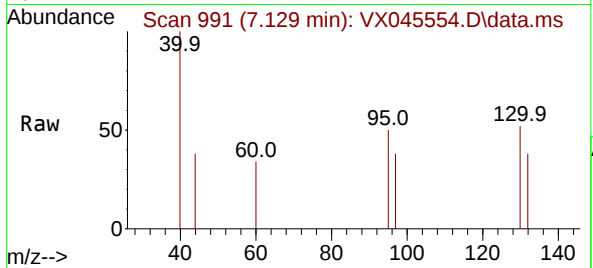




#44
 Trichloroethene
 Concen: 0.521 ug/l
 RT: 7.129 min Scan# 990
 Delta R.T. 0.006 min
 Lab File: VX045554.D
 Acq: 02 Apr 2025 18:01

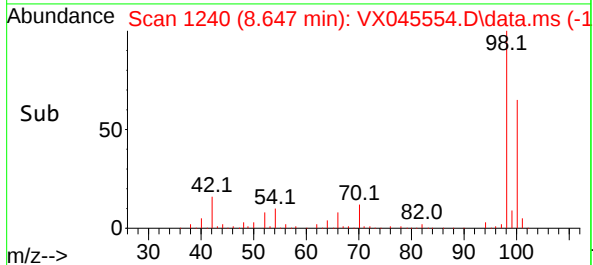
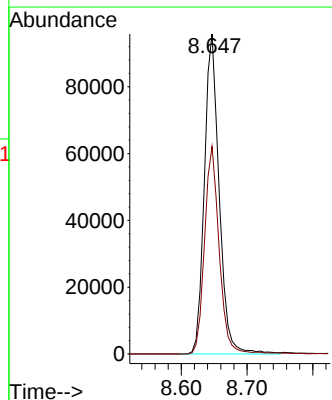
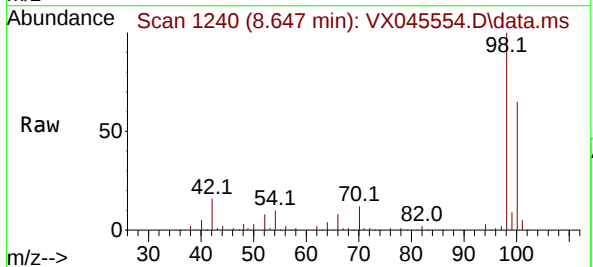
Instrument :
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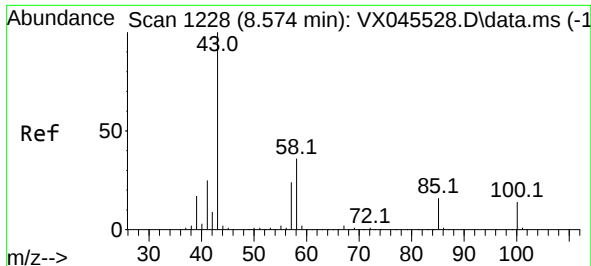
Tgt Ion:130 Resp: 476
 Ion Ratio Lower Upper
 130 100
 95 96.5 0.0 202.0



#50
 Toluene-d8
 Concen: 46.126 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. -0.000 min
 Lab File: VX045554.D
 Acq: 02 Apr 2025 18:01

Tgt Ion: 98 Resp: 149939
 Ion Ratio Lower Upper
 98 100
 100 64.5 52.2 78.4

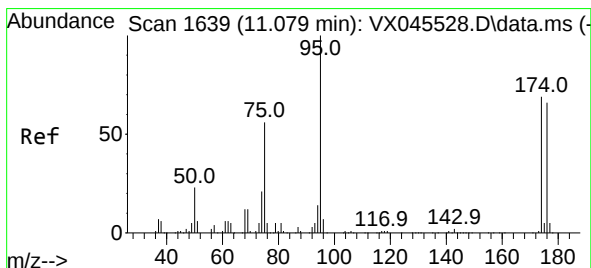
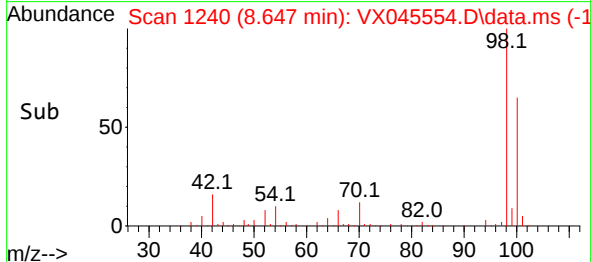
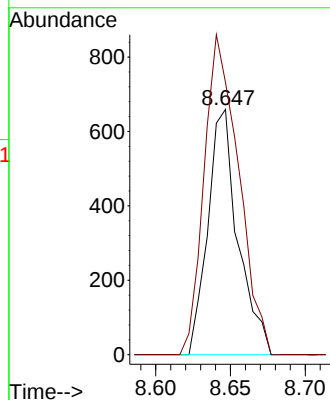
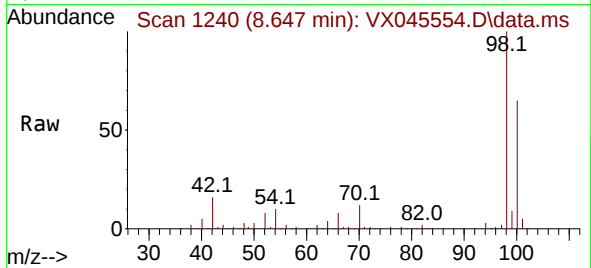




#51
4-Methyl-2-Pentanone
Concen: 0.579 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX045554.D
Acq: 02 Apr 2025 18:01

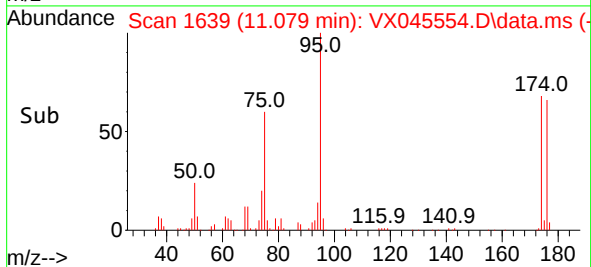
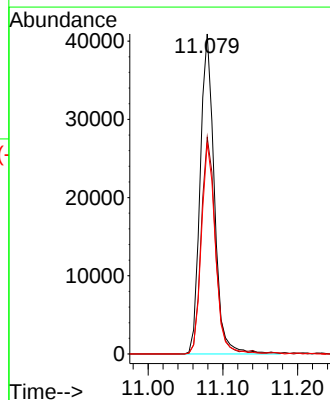
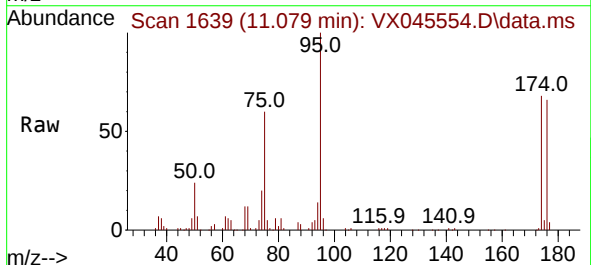
Instrument :
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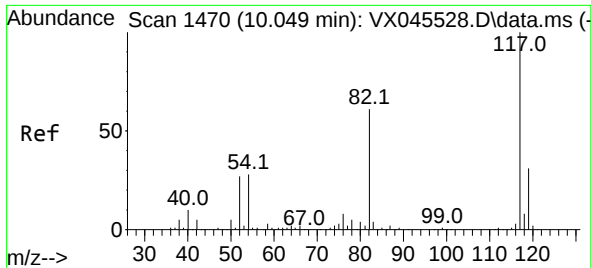
Tgt Ion: 43 Resp: 922
Ion Ratio Lower Upper
43 100
58 149.6 28.5 42.7#



#62
4-Bromofluorobenzene
Concen: 45.341 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045554.D
Acq: 02 Apr 2025 18:01

Tgt Ion: 95 Resp: 53686
Ion Ratio Lower Upper
95 100
174 67.9 0.0 135.8
176 65.1 0.0 131.4

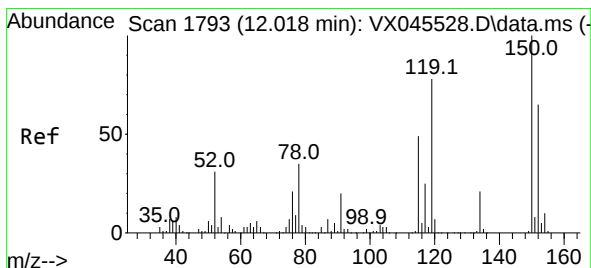
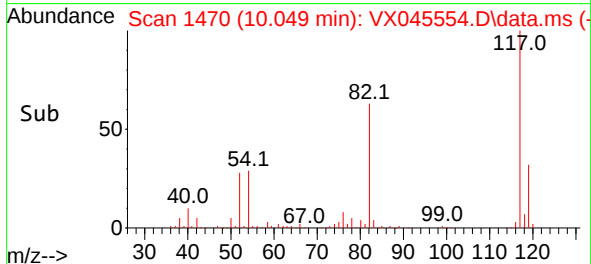
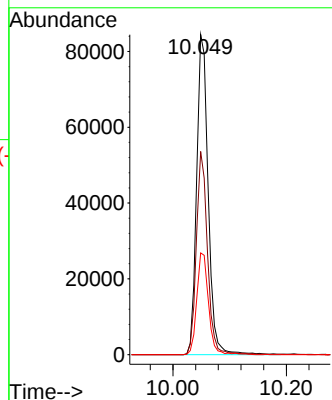
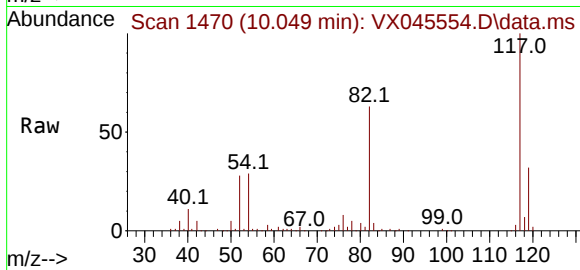




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045554.D
Acq: 02 Apr 2025 18:01

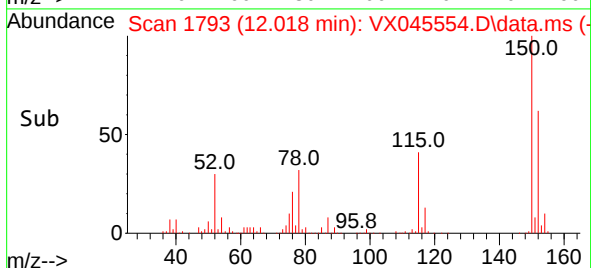
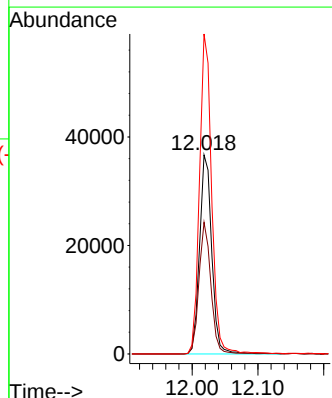
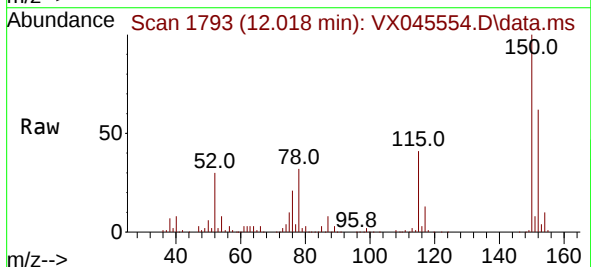
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

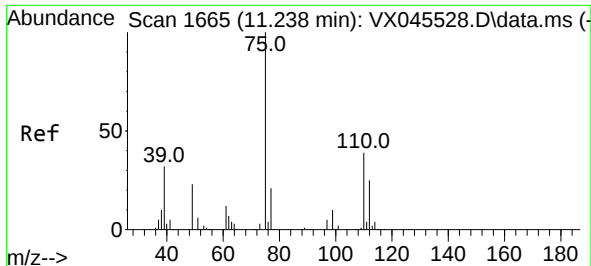
Tgt Ion:117 Resp: 119170
Ion Ratio Lower Upper
117 100
82 63.5 49.2 73.8
119 31.8 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045554.D
Acq: 02 Apr 2025 18:01

Tgt Ion:152 Resp: 47363
Ion Ratio Lower Upper
152 100
115 64.6 46.9 140.7
150 160.1 0.0 349.4

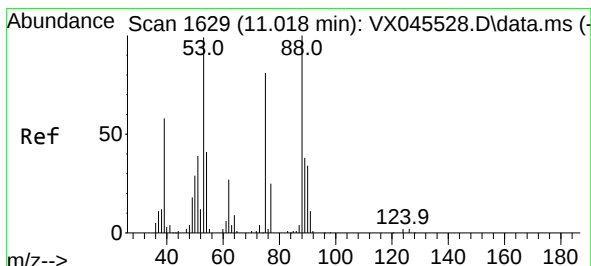
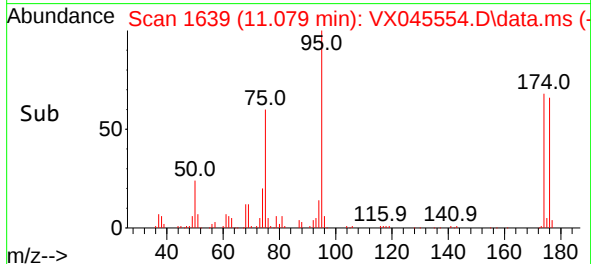
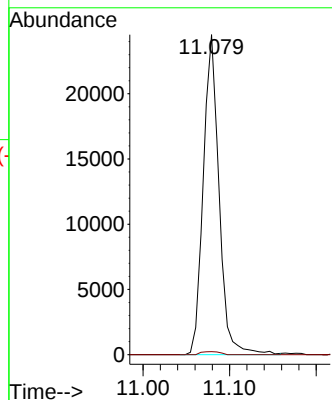
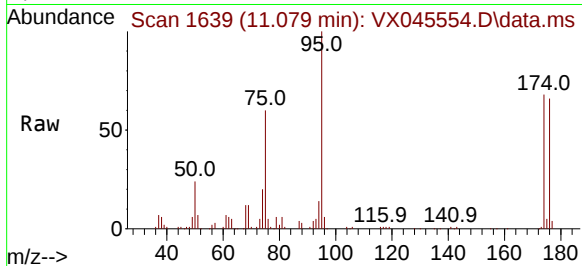




#76
1,2,3-Trichloropropane
Concen: 26.883 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045554.D
Acq: 02 Apr 2025 18:01

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

Tgt Ion: 75 Resp: 31058
Ion Ratio Lower Upper
75 100
77 1.2 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.238 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045554.D
Acq: 02 Apr 2025 18:01

Tgt Ion: 75 Resp: 31058
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 37.2 55.8#

