

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030424\
 Data File : VX040574.D
 Acq On : 04 Mar 2024 17:15
 Operator : JC/MD
 Sample : P1661-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Mar 05 00:28:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

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

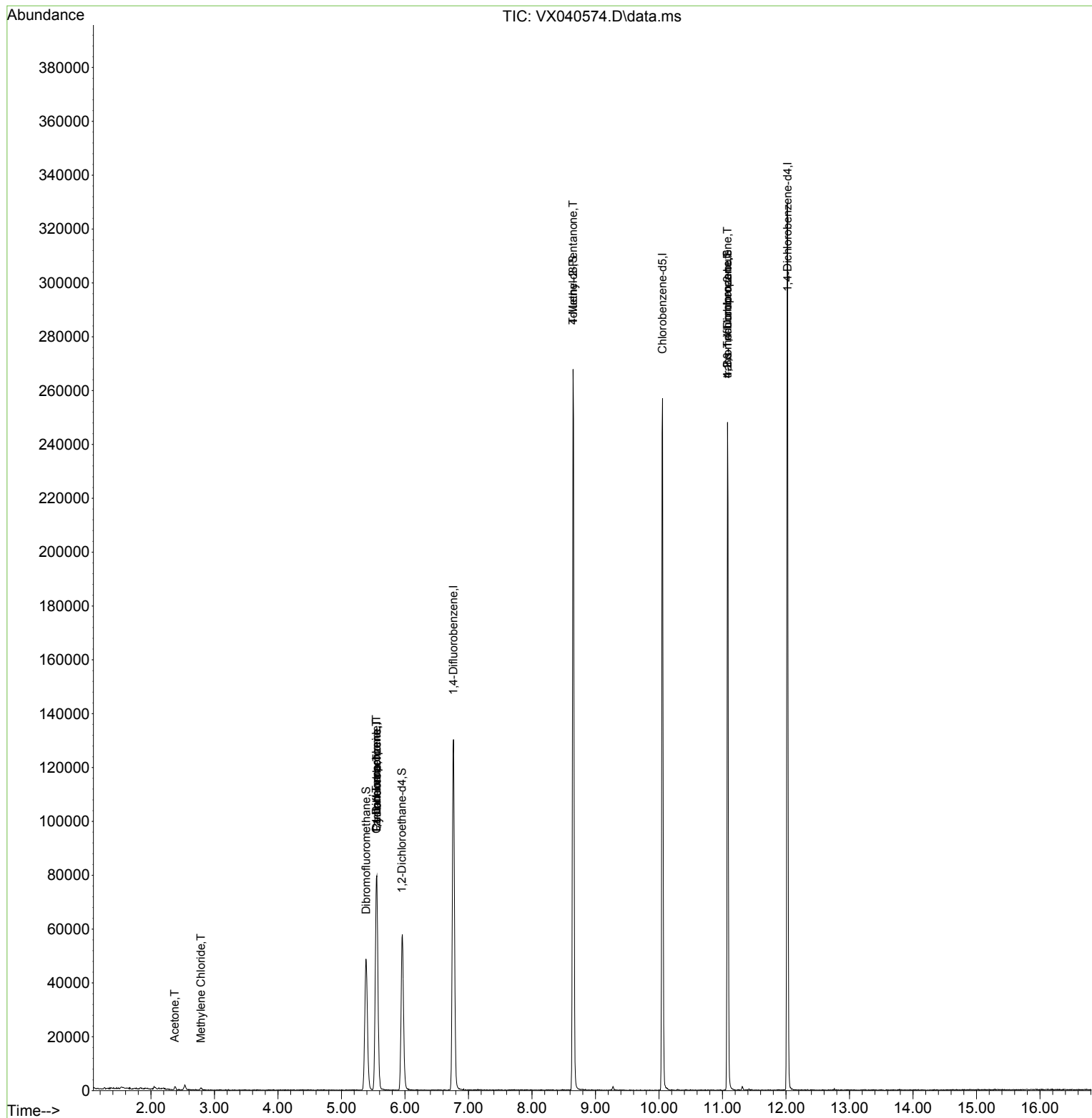
Internal Standards						
1) Pentafluorobenzene	5.556	168	70377	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	123525	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	109802	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64862	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59263	50.347	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.700%	
35) Dibromofluoromethane	5.385	113	42016	48.914	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.820%	
50) Toluene-d8	8.647	98	153749	49.310	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.620%	
62) 4-Bromofluorobenzene	11.079	95	61724	51.932	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 103.860%	
Target Compounds						
					Qvalue	
16) Acetone	2.374	43	1367	3.561	ug/l #	81
20) Methylene Chloride	2.788	84	362	0.394	ug/l #	77
31) Cyclohexane	5.556	56	1854	1.390	ug/l #	30
36) 1,1-Dichloropropene	5.550	75	6873	5.193	ug/l #	50
38) Carbon Tetrachloride	5.550	117	8065	6.308	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	834	0.555	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35483	24.857	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	35483	72.621	ug/l #	5

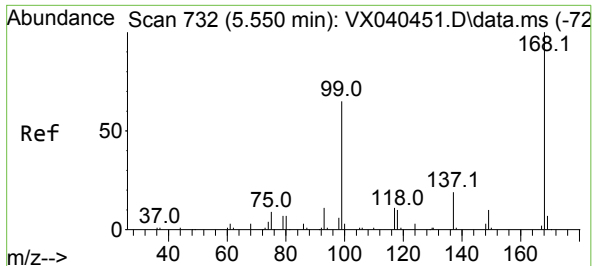
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

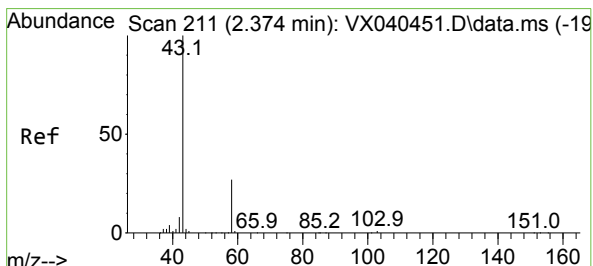
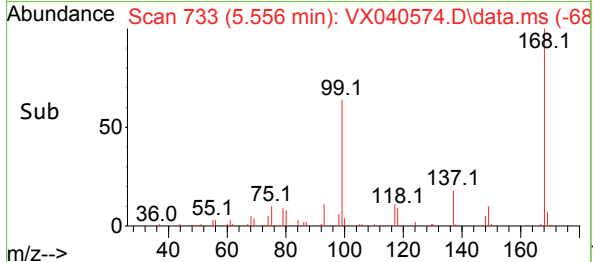
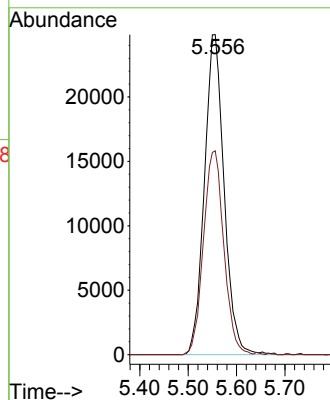
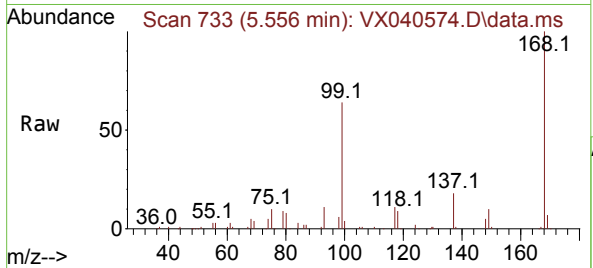




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.006 min
Lab File: VX040574.D
Acq: 04 Mar 2024 17:15

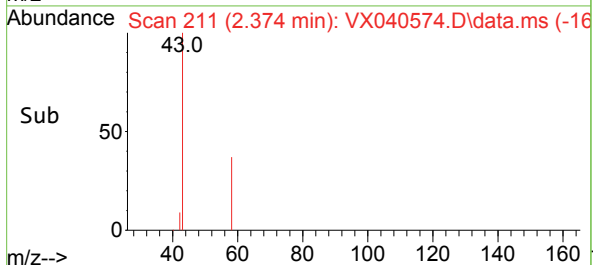
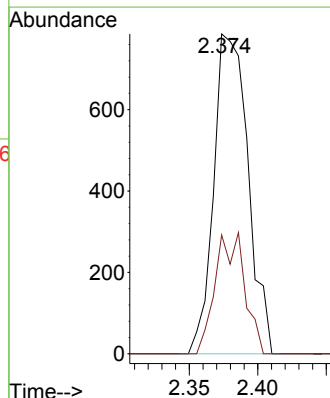
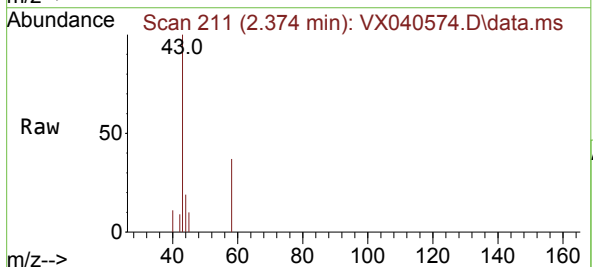
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

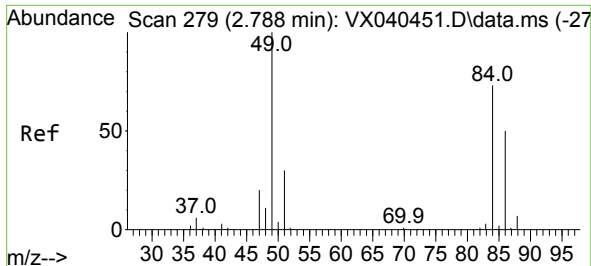
Tgt Ion:168 Resp: 70377
Ion Ratio Lower Upper
168 100
99 63.7 56.6 85.0



#16
Acetone
Concen: 3.561 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX040574.D
Acq: 04 Mar 2024 17:15

Tgt Ion: 43 Resp: 1367
Ion Ratio Lower Upper
43 100
58 37.2 21.9 32.9#



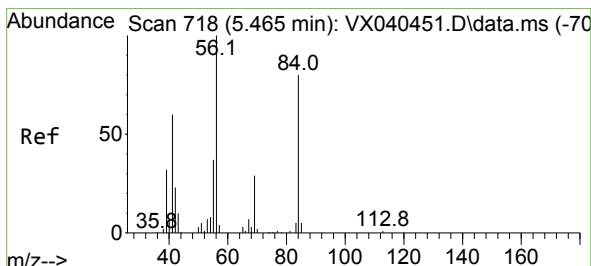
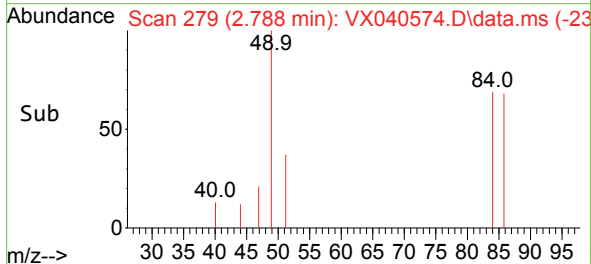
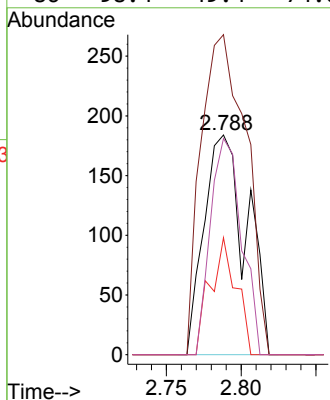
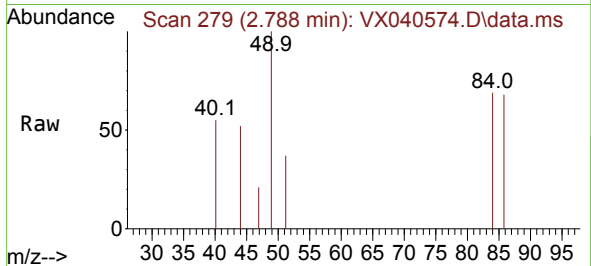


#20
Methylene Chloride
Concen: 0.394 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX040574.D
Acq: 04 Mar 2024 17:15

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

Tgt Ion: 84 Resp: 362

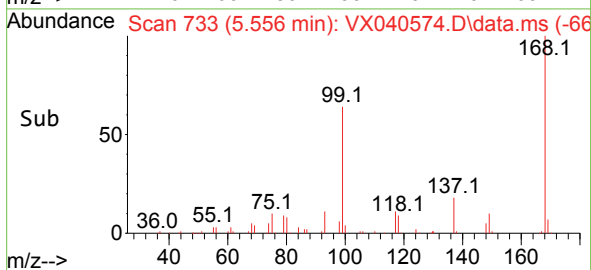
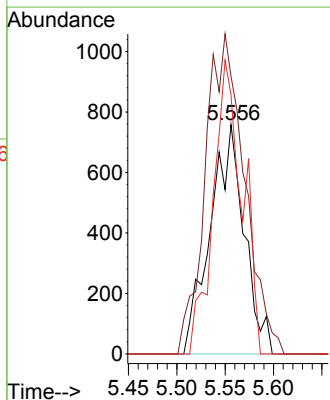
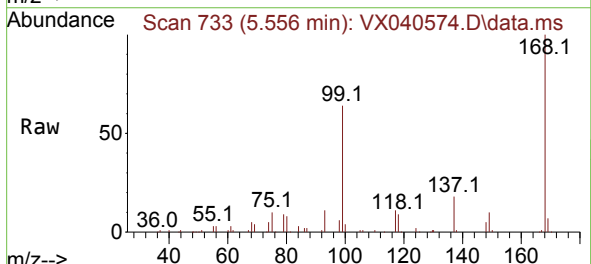
Ion	Ratio	Lower	Upper
84	100		
49	145.7	103.6	155.4
51	53.3	33.8	50.6#
86	98.4	49.4	74.0#

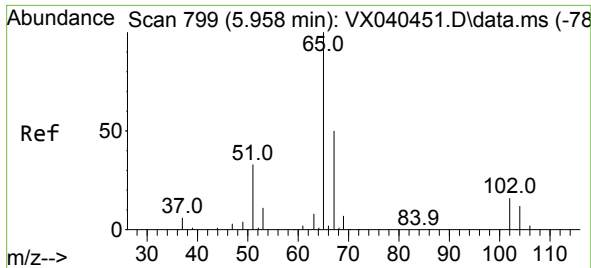


#31
Cyclohexane
Concen: 1.390 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.091 min
Lab File: VX040574.D
Acq: 04 Mar 2024 17:15

Tgt Ion: 56 Resp: 1854

Ion	Ratio	Lower	Upper
56	100		
69	121.1	23.4	35.2#
84	113.1	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 50.347 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX040574.D

Acq: 04 Mar 2024 17:15

Instrument :

MSVOA_X

ClientSampleId :

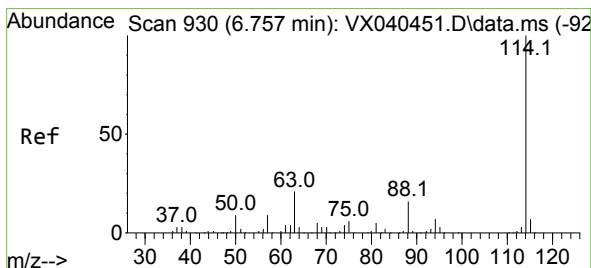
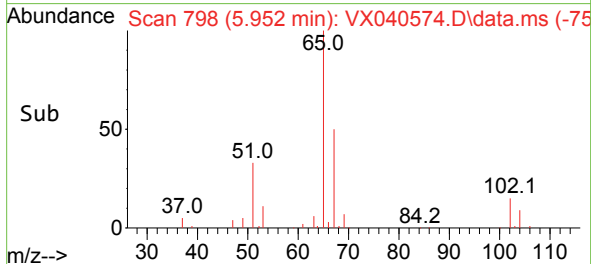
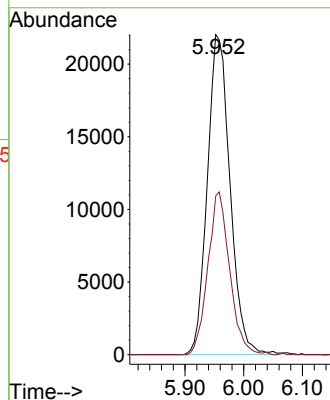
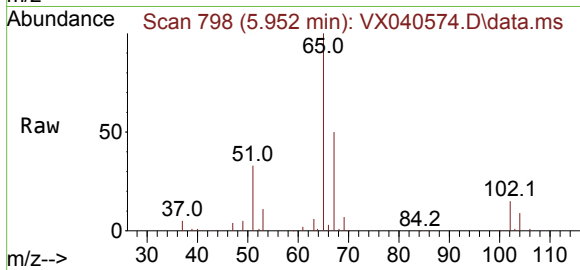
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 65 Resp: 59263

Ion Ratio Lower Upper

65 100

67 48.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX040574.D

Acq: 04 Mar 2024 17:15

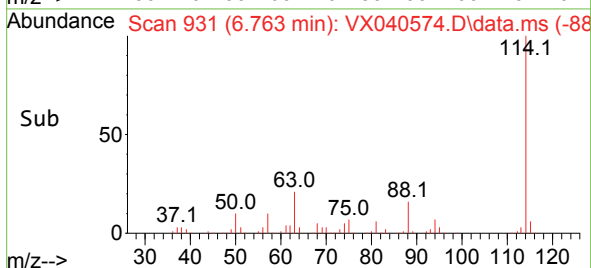
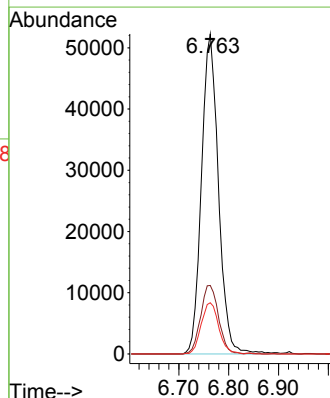
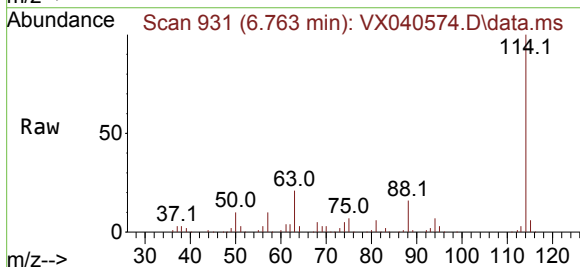
Tgt Ion: 114 Resp: 123525

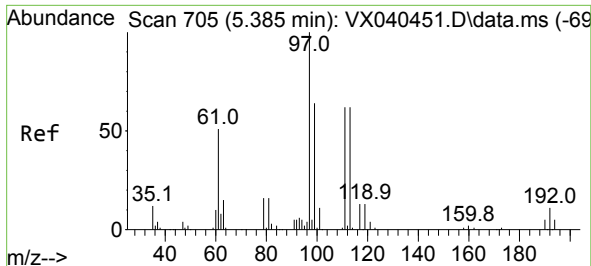
Ion Ratio Lower Upper

114 100

63 21.4 0.0 45.0

88 16.0 0.0 36.6

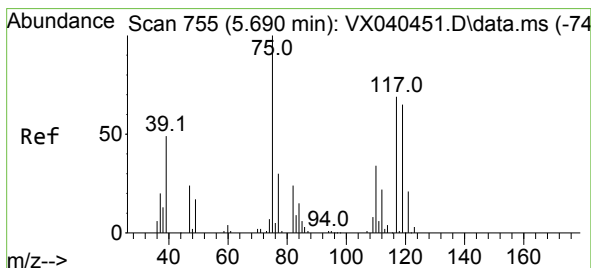
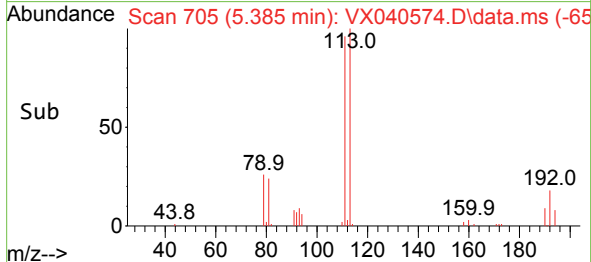
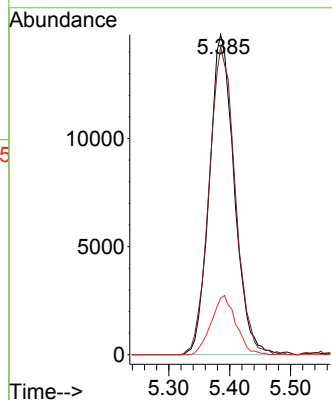
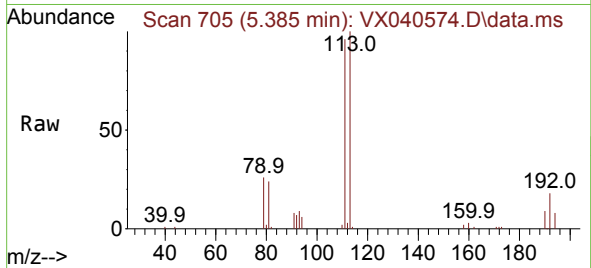




#35
Dibromofluoromethane
Concen: 48.914 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040574.D
Acq: 04 Mar 2024 17:15

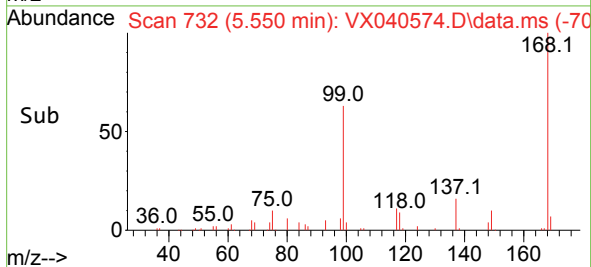
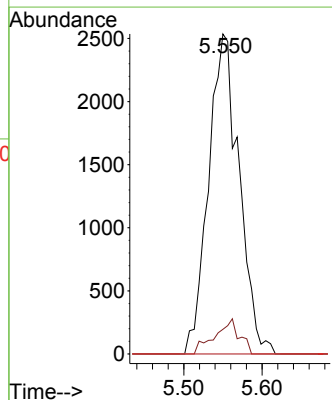
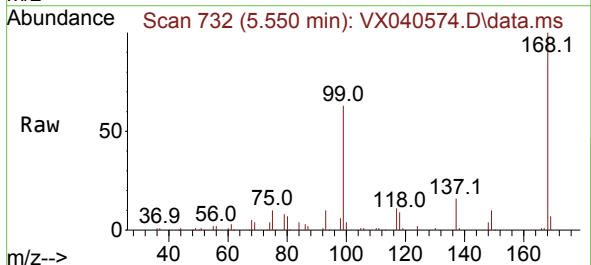
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

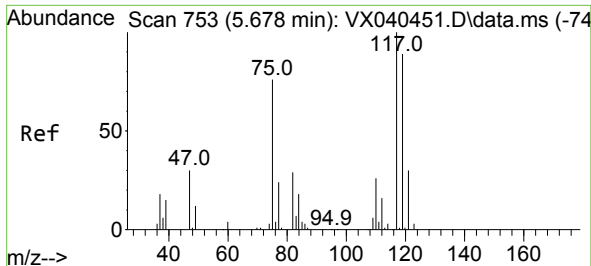
Tgt Ion:113 Resp: 42016
Ion Ratio Lower Upper
113 100
111 101.1 82.9 124.3
192 18.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.193 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX040574.D
Acq: 04 Mar 2024 17:15

Tgt Ion: 75 Resp: 6873
Ion Ratio Lower Upper
75 100
110 8.8 17.0 50.9#
77 0.0 24.7 37.1#

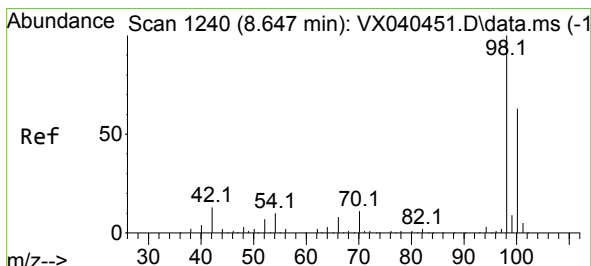
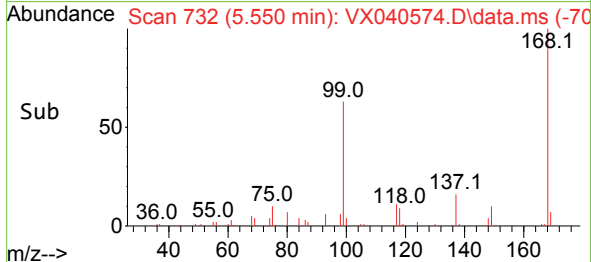
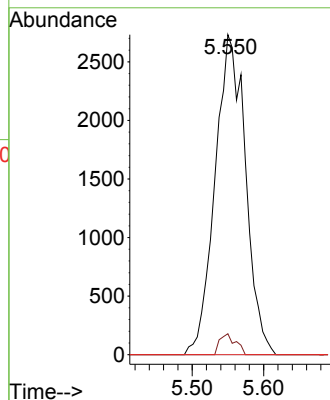
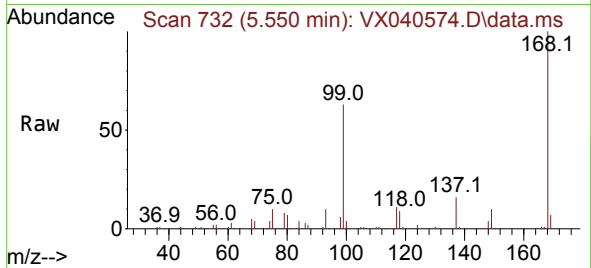




#38
Carbon Tetrachloride
Concen: 6.308 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX040574.D
Acq: 04 Mar 2024 17:15

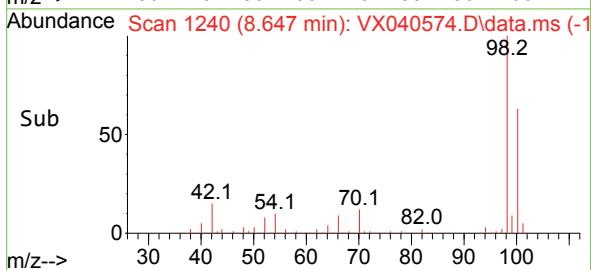
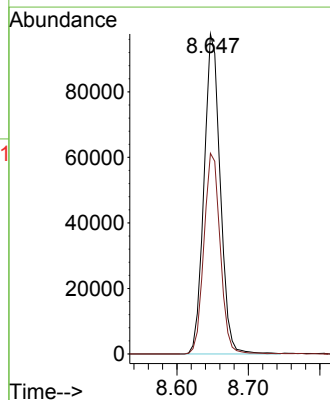
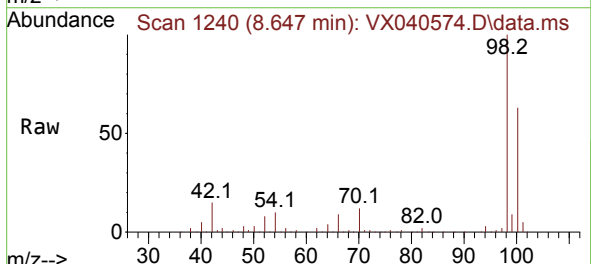
Instrument :
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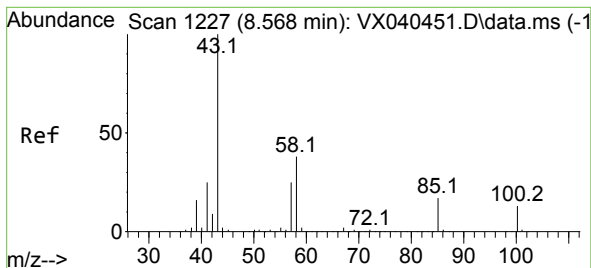
Tgt Ion:117 Resp: 8065
Ion Ratio Lower Upper
117 100
119 6.6 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.310 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040574.D
Acq: 04 Mar 2024 17:15

Tgt Ion: 98 Resp: 153749
Ion Ratio Lower Upper
98 100
100 63.1 53.1 79.7

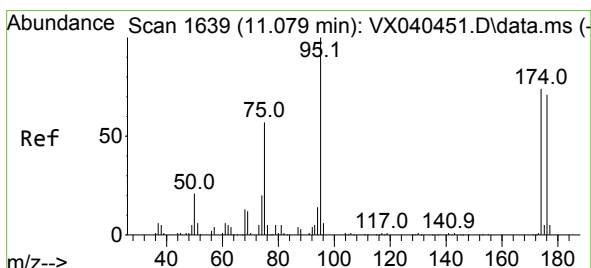
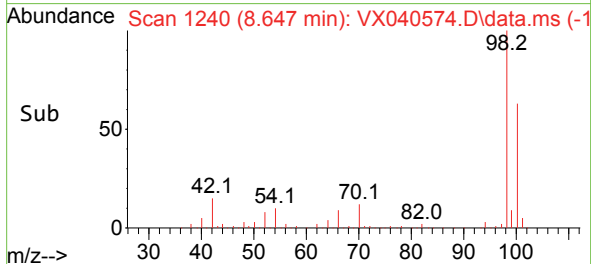
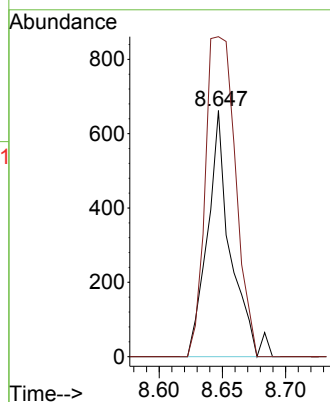
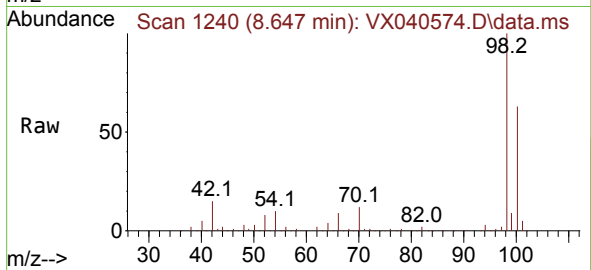




#51
4-Methyl-2-Pentanone
Concen: 0.555 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX040574.D
Acq: 04 Mar 2024 17:15

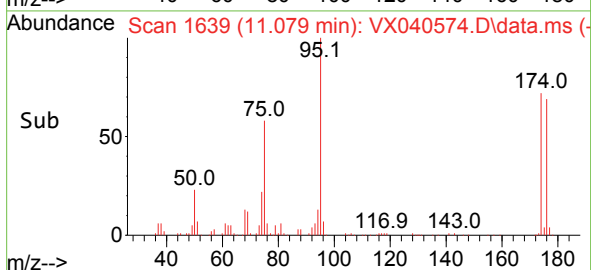
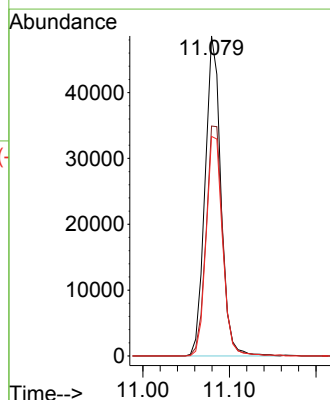
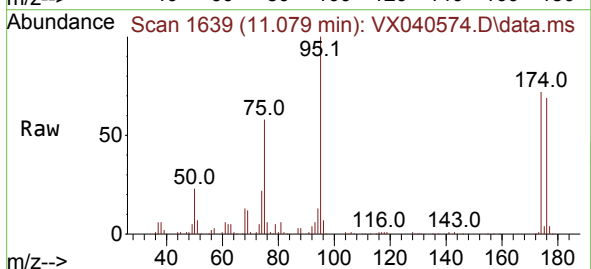
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ClientSampleId :
STORAGE-BLANK-WATER-REF-5

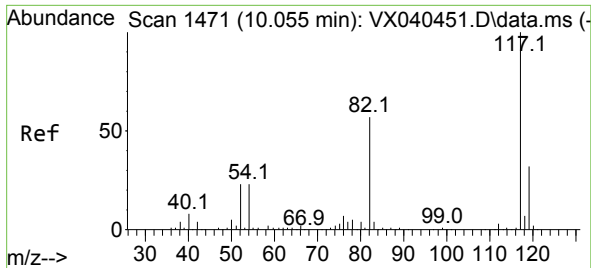
Tgt Ion: 43 Resp: 834
Ion Ratio Lower Upper
43 100
58 172.2 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 51.932 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040574.D
Acq: 04 Mar 2024 17:15

Tgt Ion: 95 Resp: 61724
Ion Ratio Lower Upper
95 100
174 76.0 0.0 135.6
176 71.3 0.0 131.0

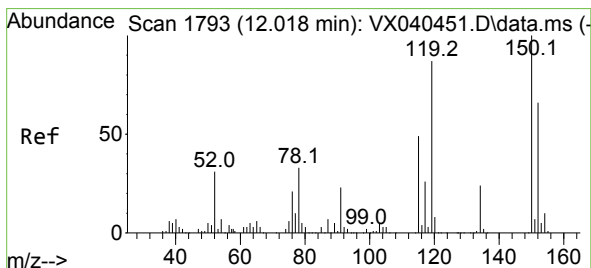
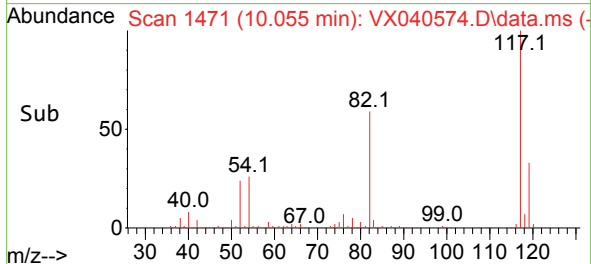
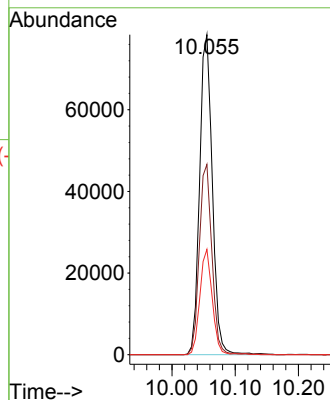
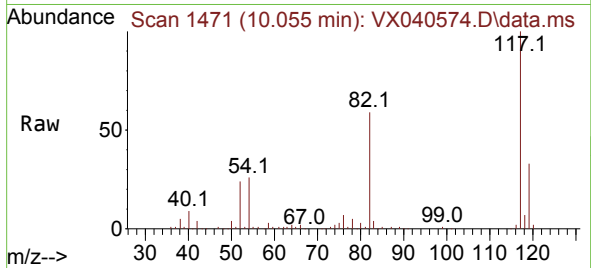




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040574.D
Acq: 04 Mar 2024 17:15

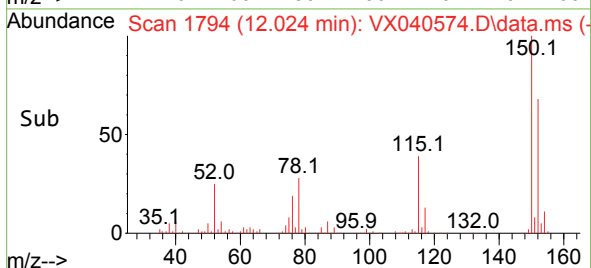
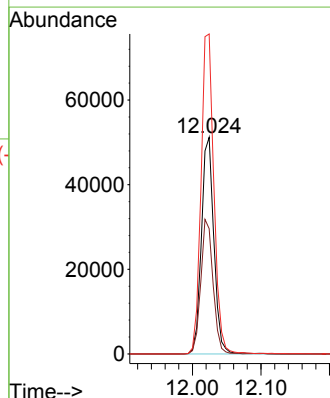
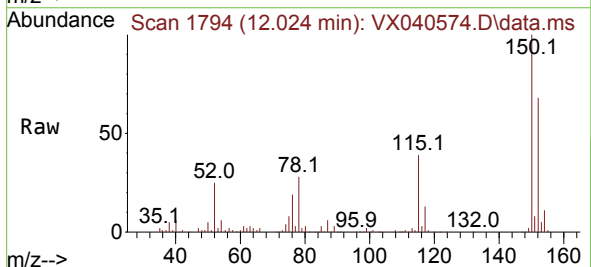
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

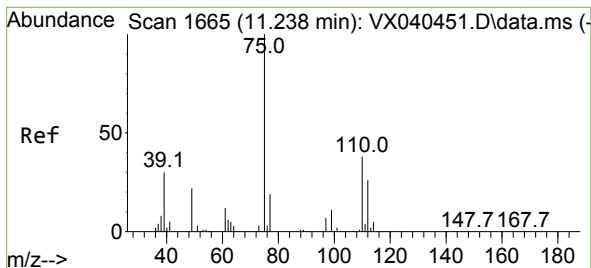
Tgt Ion:117 Resp: 109802
Ion Ratio Lower Upper
117 100
82 59.4 46.2 69.4
119 32.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX040574.D
Acq: 04 Mar 2024 17:15

Tgt Ion:152 Resp: 64862
Ion Ratio Lower Upper
152 100
115 61.1 43.3 129.9
150 152.4 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.857 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX040574.D

Acq: 04 Mar 2024 17:15

Instrument :

MSVOA_X

ClientSampleId :

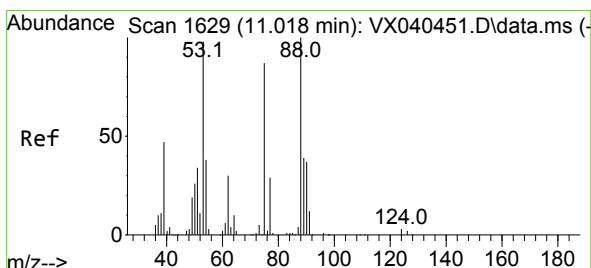
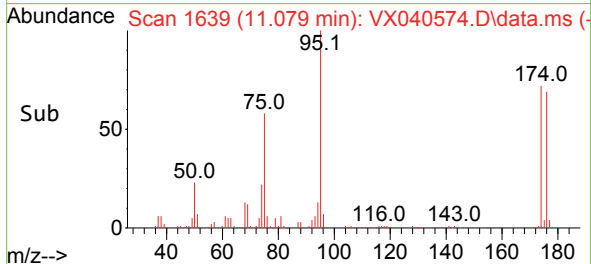
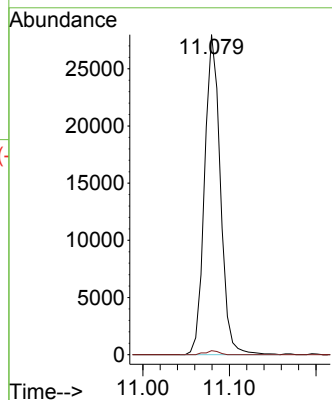
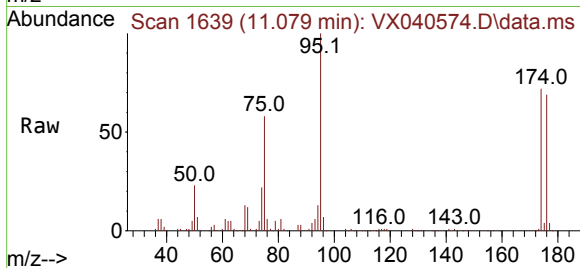
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 75 Resp: 35483

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 72.621 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040574.D

Acq: 04 Mar 2024 17:15

Tgt Ion: 75 Resp: 35483

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

