

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060523\
 Data File : VX036014.D
 Acq On : 05 Jun 2023 19:36
 Operator : JC/MD
 Sample : 03027-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Jun 06 06:48:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

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

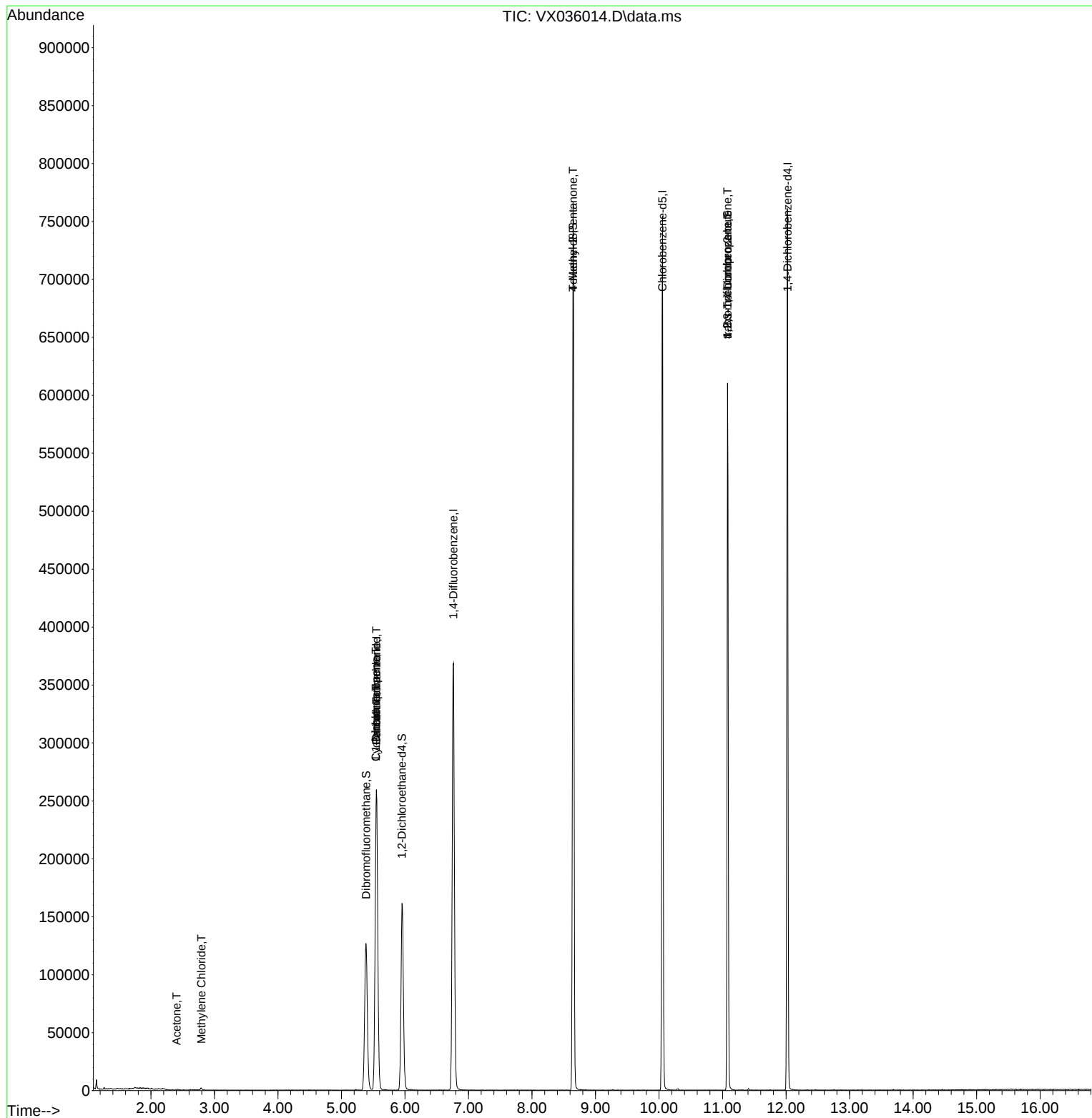
Internal Standards						
1) Pentafluorobenzene	5.550	168	229654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	367076	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	320583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	150173	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	157576	42.254	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.500%
35) Dibromofluoromethane	5.385	113	113463	45.956	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.920%
50) Toluene-d8	8.647	98	432098	48.765	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.520%
62) 4-Bromofluorobenzene	11.079	95	163192	46.654	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.300%
Target Compounds						
					Qvalue	
16) Acetone	2.404	43	974	0.633	ug/l #	75
20) Methylene Chloride	2.794	84	675	0.228	ug/l #	83
31) Cyclohexane	5.544	56	5505	1.410	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	20324	6.174	ug/l #	51
38) Carbon Tetrachloride	5.550	117	26114	8.140	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	2259	0.614	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	85842	25.344	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	85842	85.367	ug/l #	3

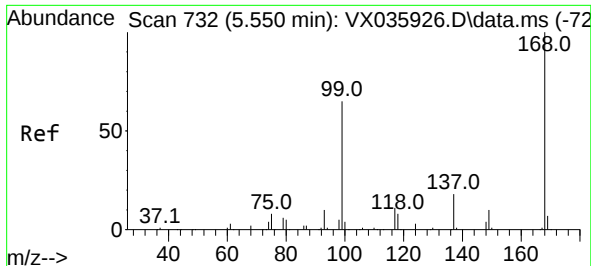
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 31 12:50:30 2023
Response via : Initial Calibration

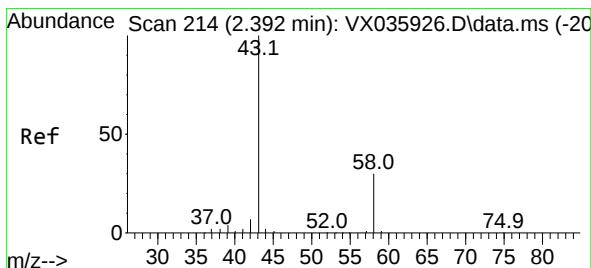
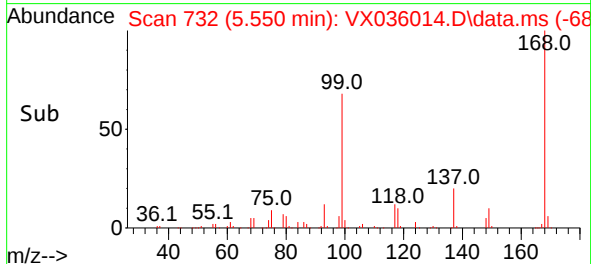
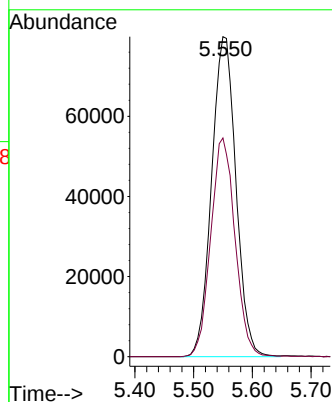
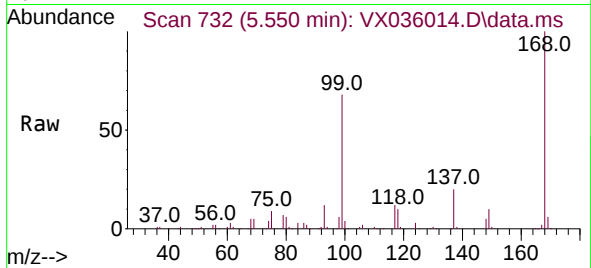




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036014.D
Acq: 05 Jun 2023 19:36

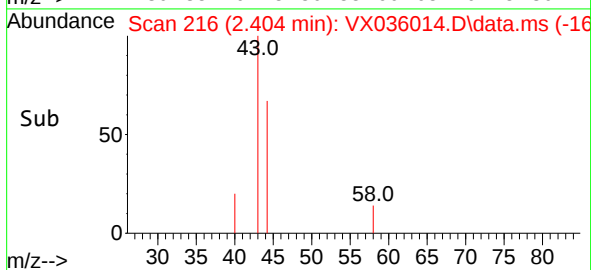
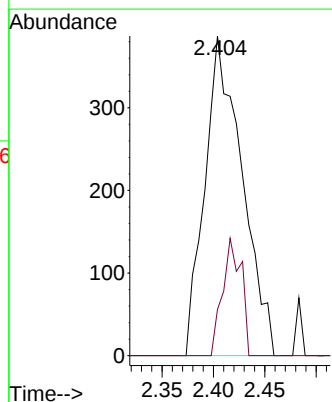
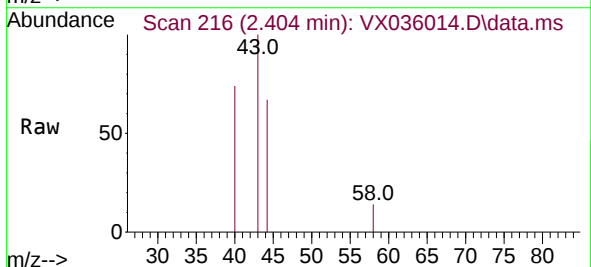
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

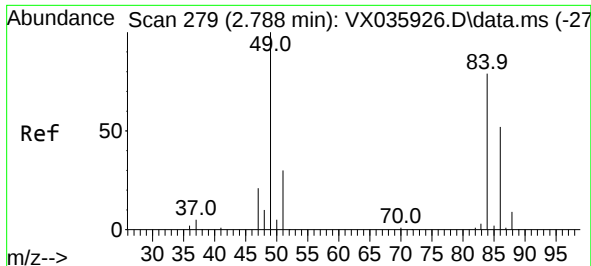
Tgt Ion:168 Resp: 229654
Ion Ratio Lower Upper
168 100
99 68.4 57.0 85.6



#16
Acetone
Concen: 0.633 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.013 min
Lab File: VX036014.D
Acq: 05 Jun 2023 19:36

Tgt Ion: 43 Resp: 974
Ion Ratio Lower Upper
43 100
58 14.5 22.2 33.2#

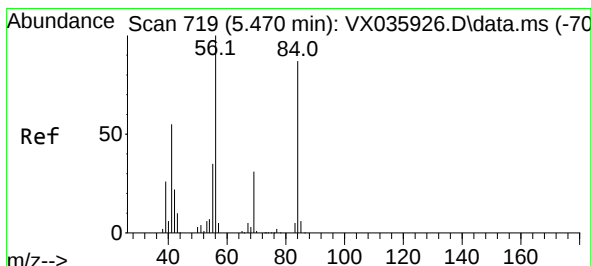
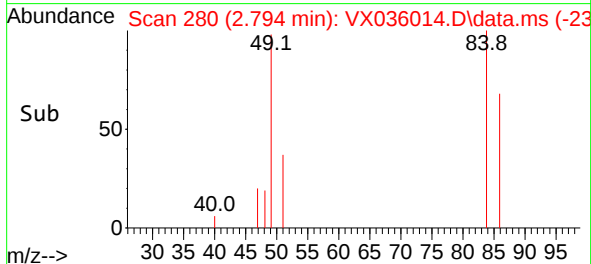
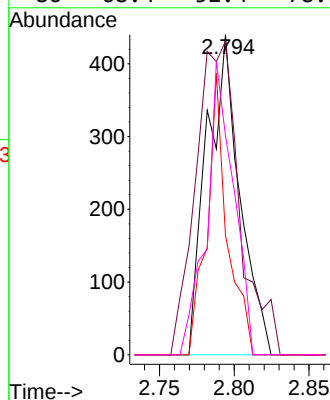
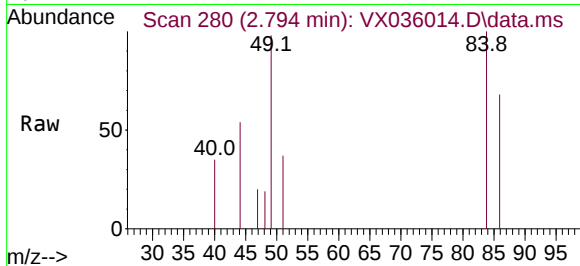




#20
Methylene Chloride
Concen: 0.228 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX036014.D
Acq: 05 Jun 2023 19:36

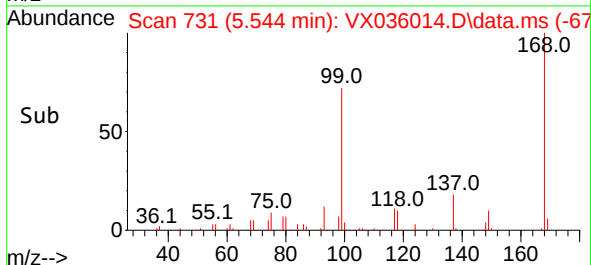
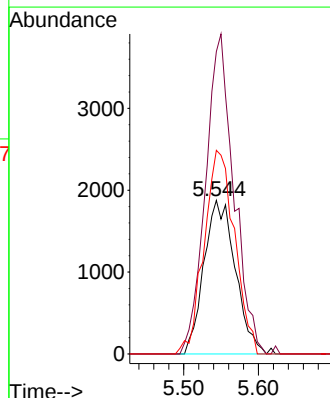
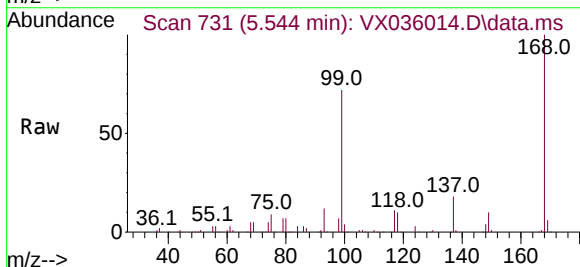
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

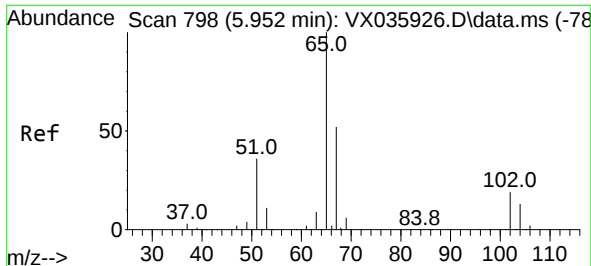
Tgt Ion:	84	Resp:	675
Ion	Ratio	Lower	Upper
84	100		
49	98.0	104.6	156.8#
51	37.3	32.2	48.4
86	68.4	52.4	78.6



#31
Cyclohexane
Concen: 1.410 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.074 min
Lab File: VX036014.D
Acq: 05 Jun 2023 19:36

Tgt Ion:	56	Resp:	5505
Ion	Ratio	Lower	Upper
56	100		
69	197.0	25.9	38.9#
84	132.6	67.6	101.4#





#33

1,2-Dichloroethane-d4

Concen: 42.254 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX036014.D

Acq: 05 Jun 2023 19:36

Instrument :

MSVOA_X

ClientSampleId :

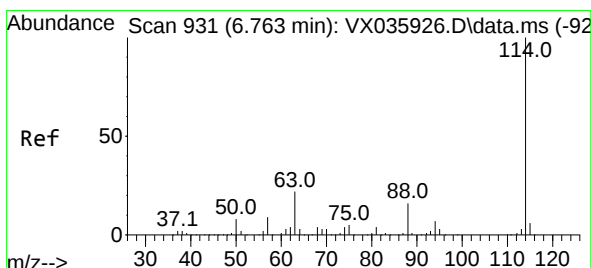
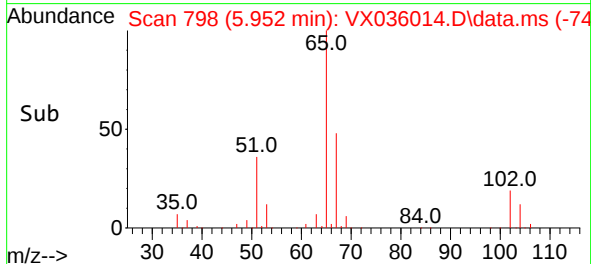
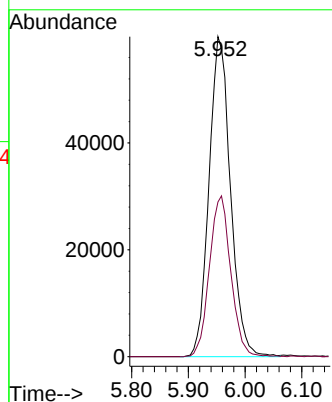
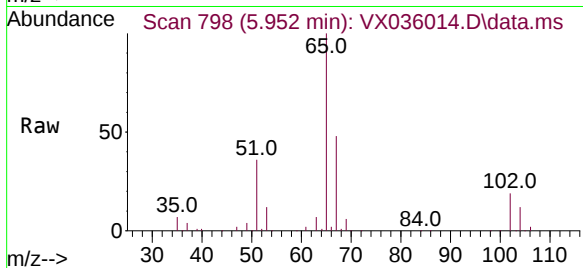
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 65 Resp: 157576

Ion Ratio Lower Upper

65 100

67 50.1 0.0 99.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX036014.D

Acq: 05 Jun 2023 19:36

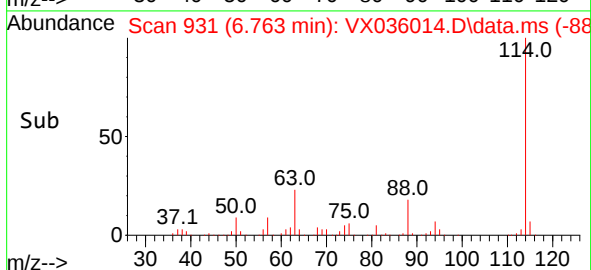
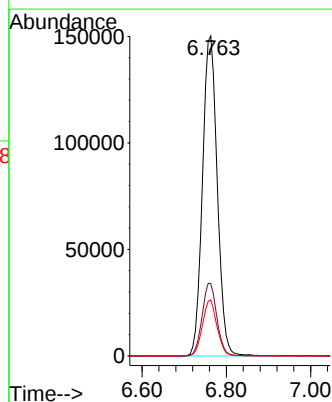
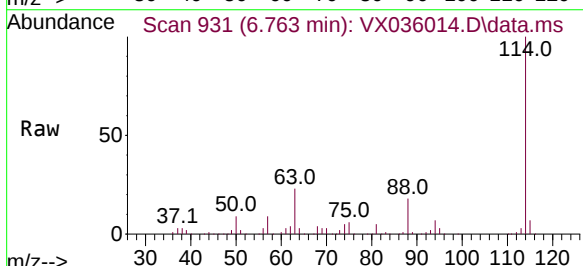
Tgt Ion: 114 Resp: 367076

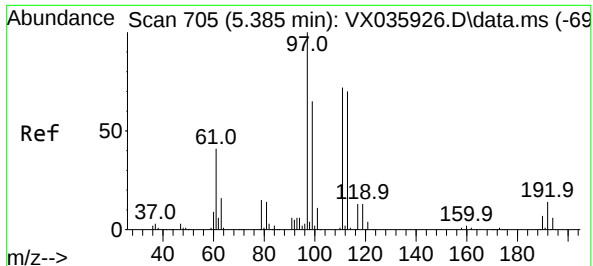
Ion Ratio Lower Upper

114 100

63 22.7 0.0 46.0

88 17.5 0.0 35.2

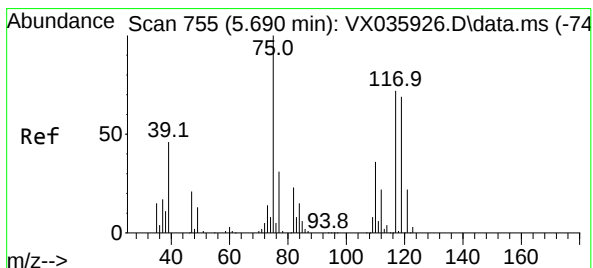
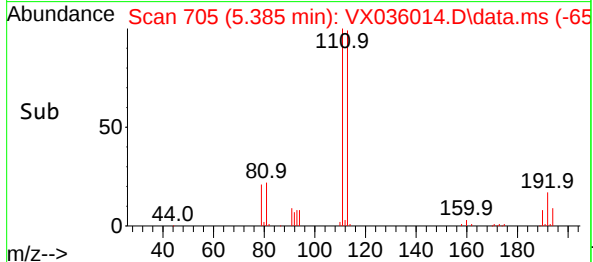
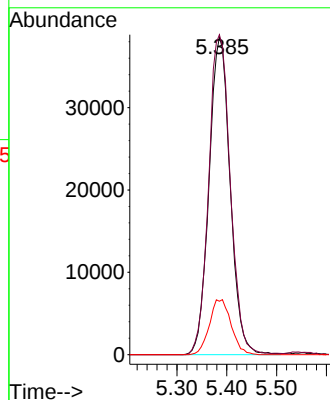
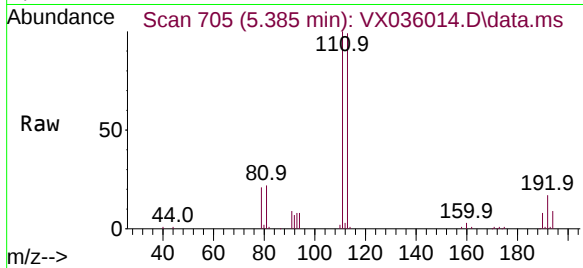




#35
Dibromofluoromethane
Concen: 45.956 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036014.D
Acq: 05 Jun 2023 19:36

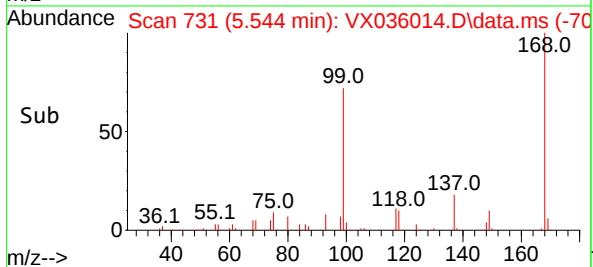
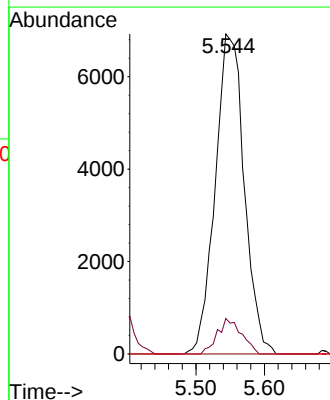
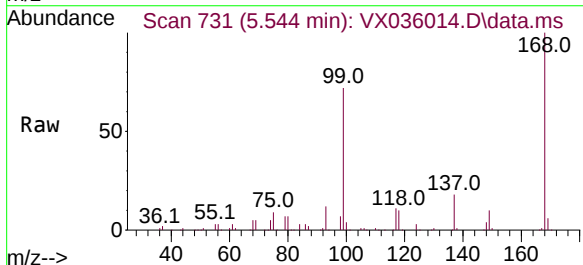
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

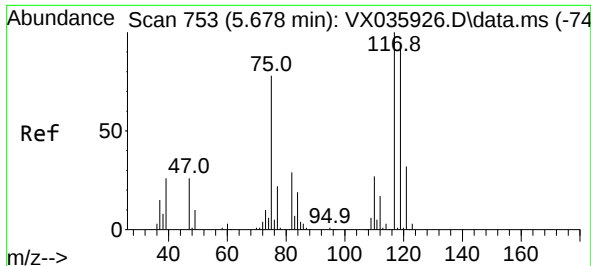
Tgt Ion:113 Resp: 113463
Ion Ratio Lower Upper
113 100
111 103.3 81.7 122.5
192 17.8 13.5 20.3



#36
1,1-Dichloropropene
Concen: 6.174 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX036014.D
Acq: 05 Jun 2023 19:36

Tgt Ion: 75 Resp: 20324
Ion Ratio Lower Upper
75 100
110 9.2 16.6 49.7#
77 0.0 24.4 36.6#

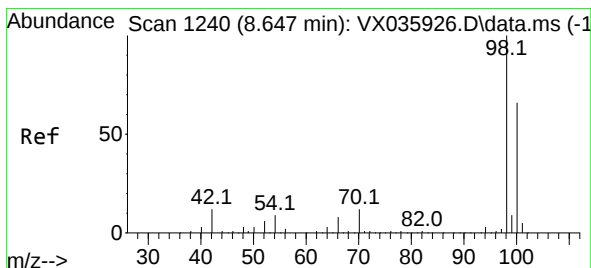
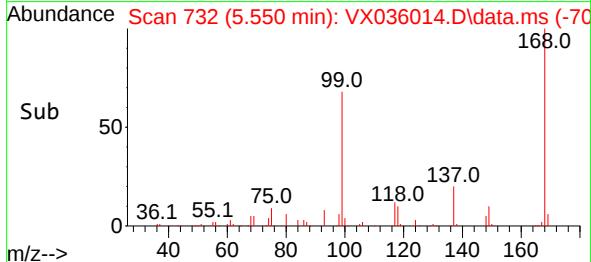
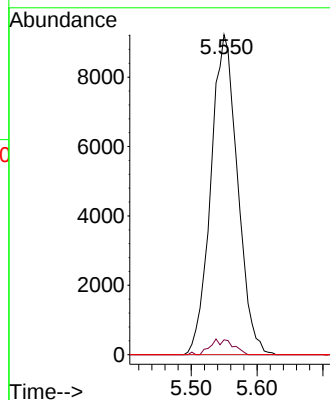
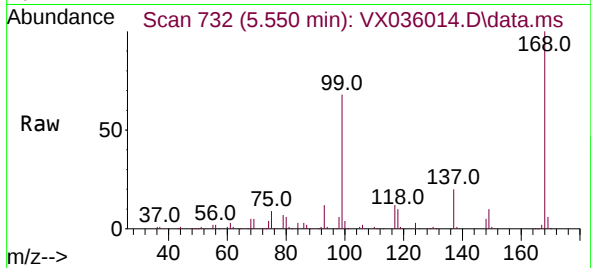




#38
Carbon Tetrachloride
Concen: 8.140 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX036014.D
Acq: 05 Jun 2023 19:36

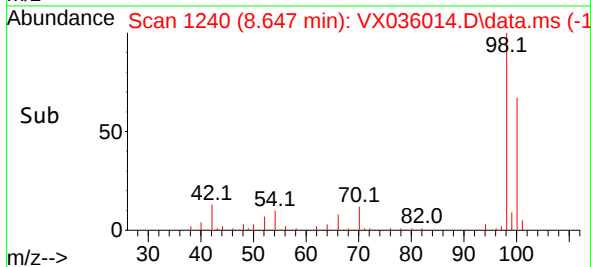
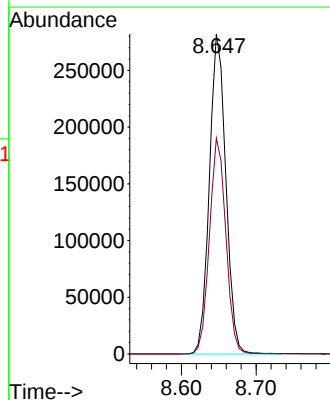
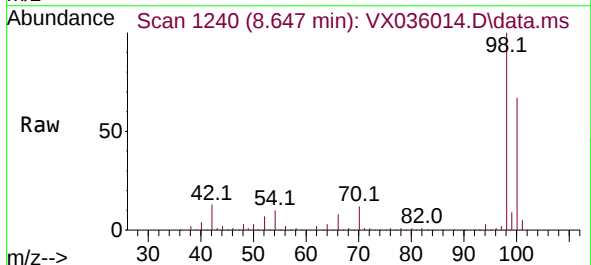
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

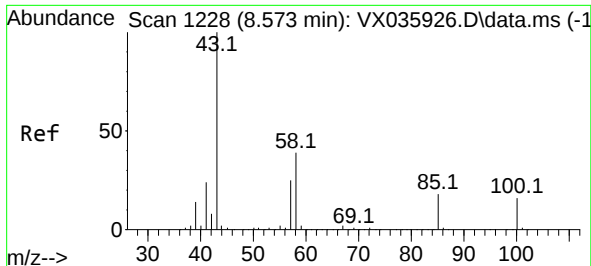
Tgt Ion:117 Resp: 26114
Ion Ratio Lower Upper
117 100
119 4.7 74.1 111.1#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 48.765 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036014.D
Acq: 05 Jun 2023 19:36

Tgt Ion: 98 Resp: 432098
Ion Ratio Lower Upper
98 100
100 67.3 53.4 80.0





#51

4-Methyl-2-Pentanone

Concen: 0.614 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.074 min

Lab File: VX036014.D

Acq: 05 Jun 2023 19:36

Instrument :

MSVOA_X

ClientSampleId :

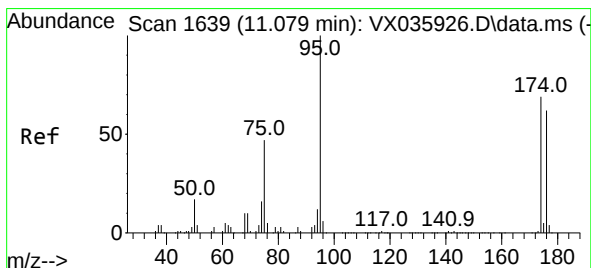
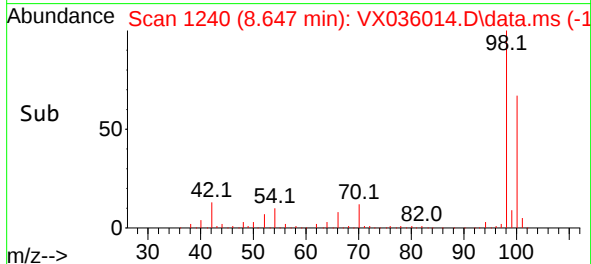
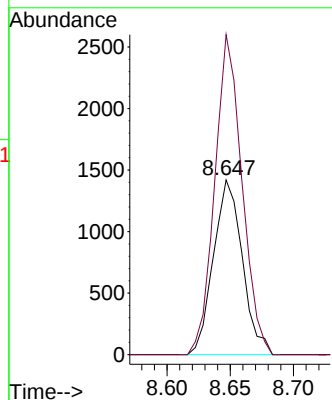
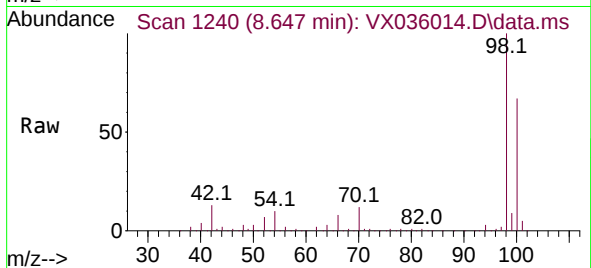
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 43 Resp: 2259

Ion Ratio Lower Upper

43 100

58 172.5 30.1 45.1#



#62

4-Bromofluorobenzene

Concen: 46.654 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX036014.D

Acq: 05 Jun 2023 19:36

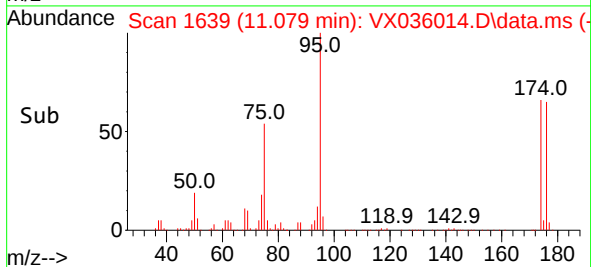
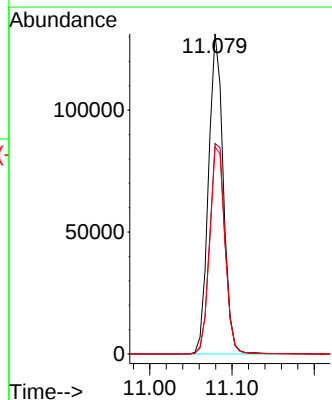
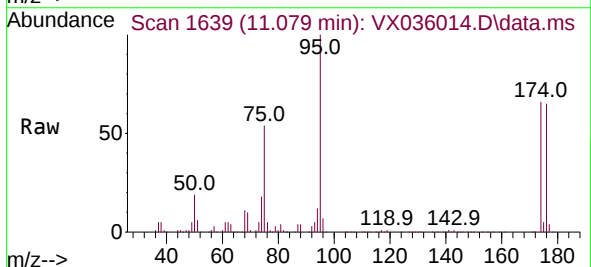
Tgt Ion: 95 Resp: 163192

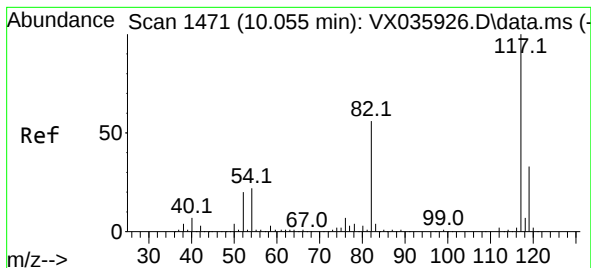
Ion Ratio Lower Upper

95 100

174 68.7 0.0 132.6

176 66.9 0.0 128.0

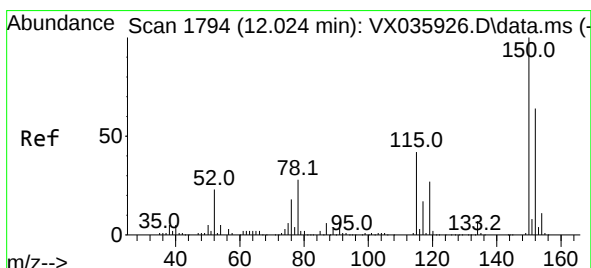
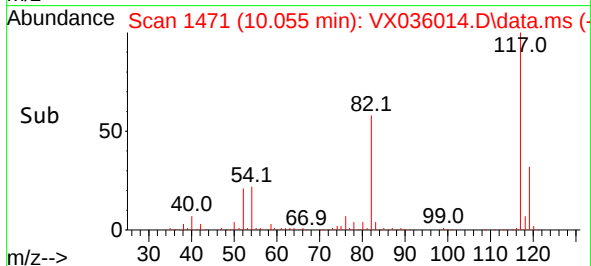
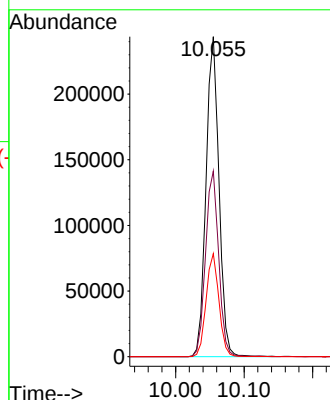
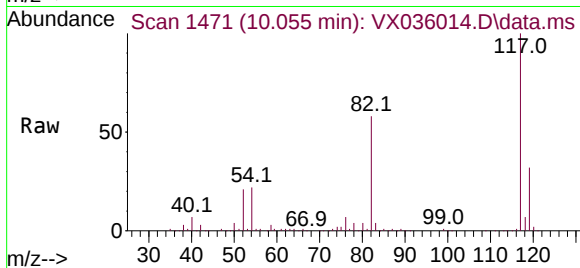




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036014.D
Acq: 05 Jun 2023 19:36

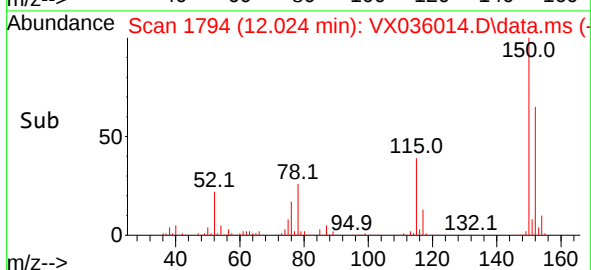
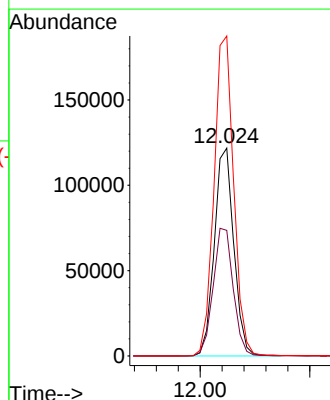
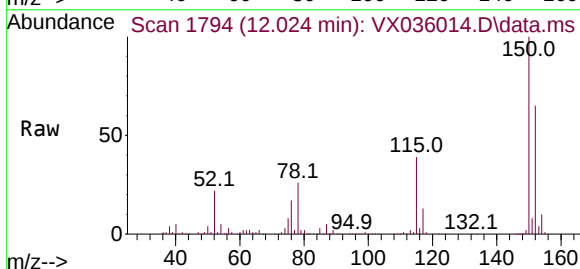
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

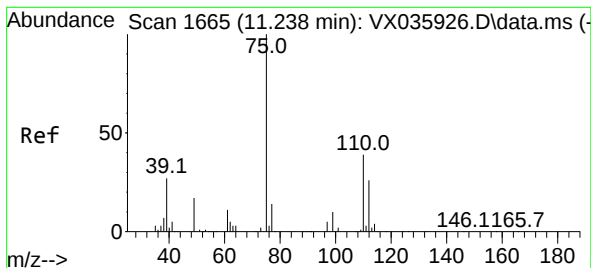
Tgt Ion:117 Resp: 320583
Ion Ratio Lower Upper
117 100
82 58.0 46.6 69.8
119 32.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036014.D
Acq: 05 Jun 2023 19:36

Tgt Ion:152 Resp: 150173
Ion Ratio Lower Upper
152 100
115 63.3 45.5 136.5
150 155.7 0.0 345.2





#76

1,2,3-Trichloropropane

Concen: 25.344 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX036014.D

Acq: 05 Jun 2023 19:36

Instrument :

MSVOA_X

ClientSampleId :

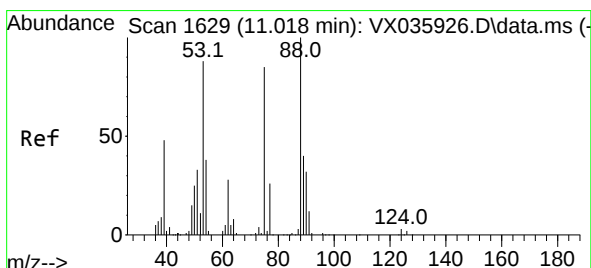
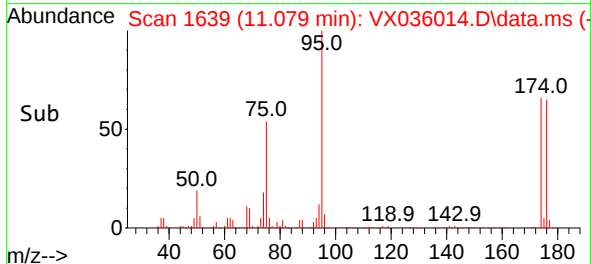
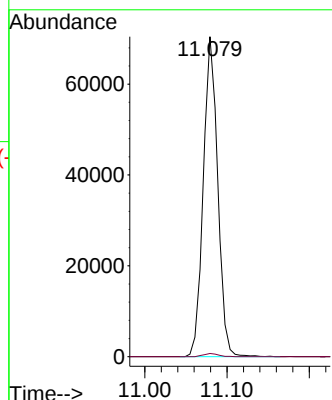
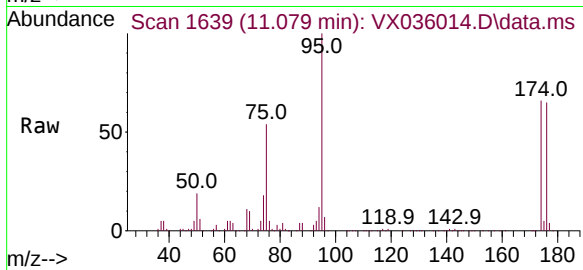
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 75 Resp: 85842

Ion Ratio Lower Upper

75 100

77 1.0 21.4 64.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 85.367 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX036014.D

Acq: 05 Jun 2023 19:36

Tgt Ion: 75 Resp: 85842

Ion Ratio Lower Upper

75 100

53 0.0 95.2 142.8#

89 0.0 38.0 57.0#

