

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050323\
 Data File : VX035514.D
 Acq On : 03 May 2023 16:57
 Operator : JC/MD
 Sample : 02561-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: May 04 04:00:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

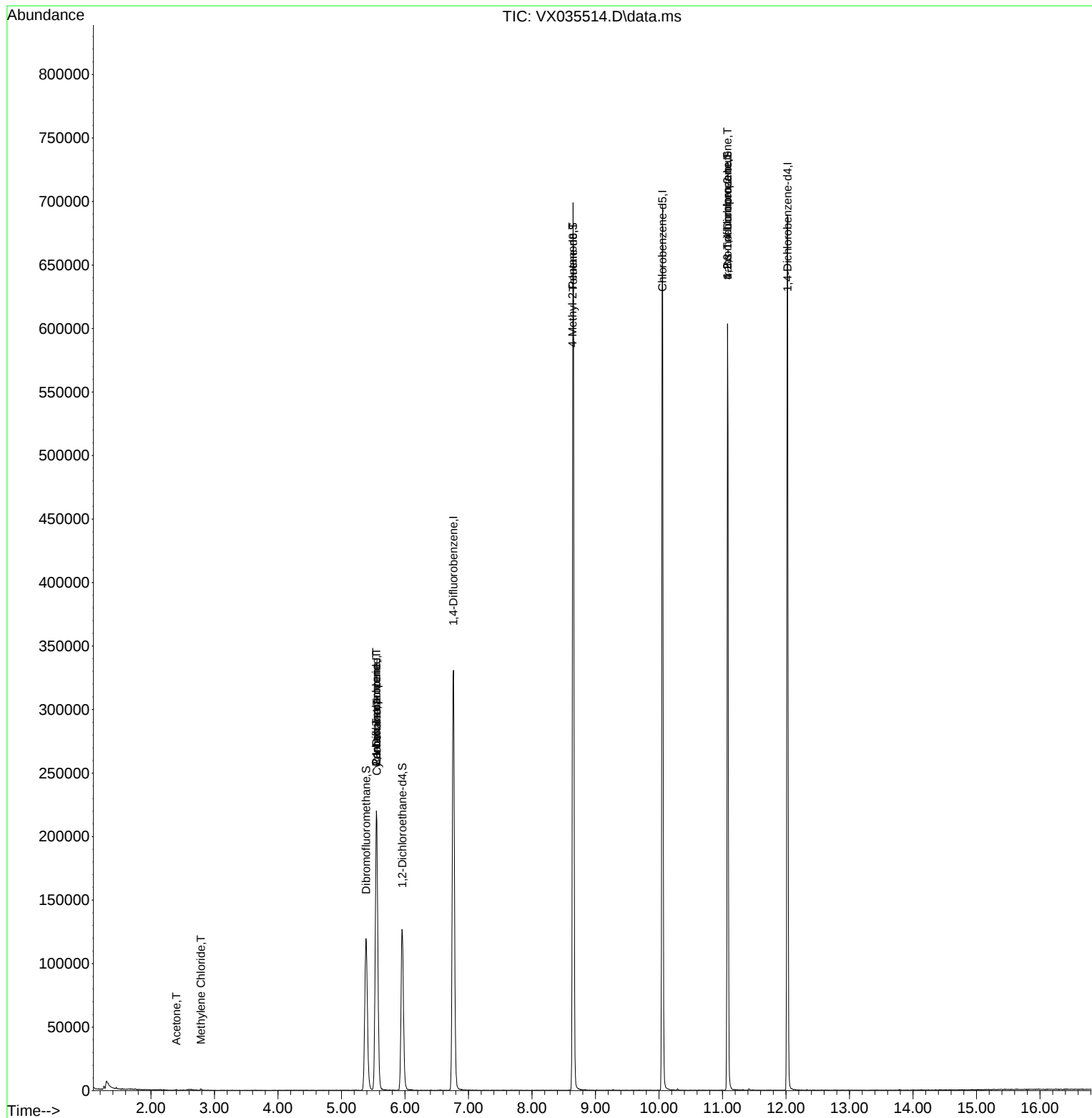
Internal Standards						
1) Pentafluorobenzene	5.550	168	215608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	350841	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	327557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	156446	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	126019	48.447	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.900%
35) Dibromofluoromethane	5.385	113	105804	49.134	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.260%
50) Toluene-d8	8.647	98	420326	51.744	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.480%
62) 4-Bromofluorobenzene	11.079	95	162213	53.084	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.160%
Target Compounds						
					Qvalue	
16) Acetone	2.398	43	701	0.620	ug/l #	82
20) Methylene Chloride	2.788	84	560	0.216	ug/l #	57
31) Cyclohexane	5.556	56	3807	1.032	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	15501	4.610	ug/l #	50
38) Carbon Tetrachloride	5.550	117	21427	6.713	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	1674	0.528	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	79154	25.364	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	79154	82.149	ug/l #	8

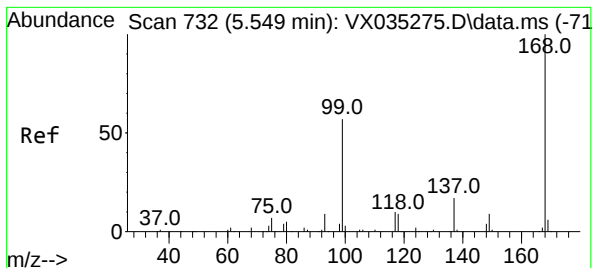
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050323\
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Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 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: VX035514.D

Acq: 03 May 2023 16:57

Instrument :

MSVOA_X

ClientSampleId :

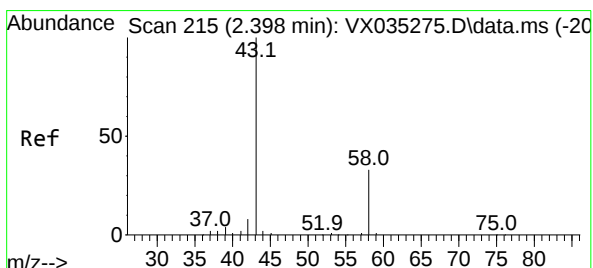
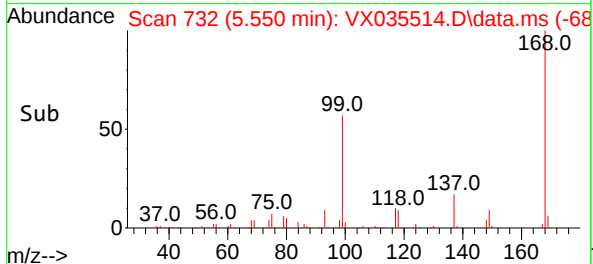
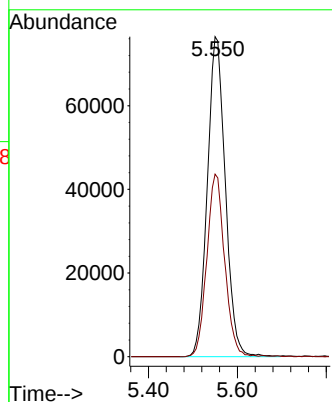
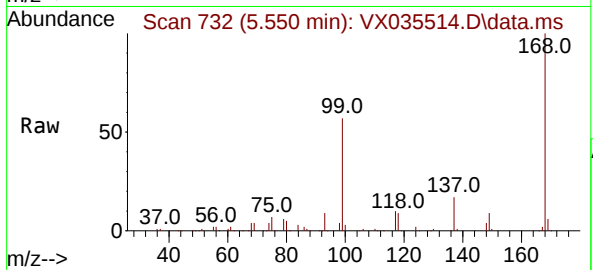
STORAGE-BLANK-WATER-REF-4

Tgt Ion:168 Resp: 215608

Ion Ratio Lower Upper

168 100

99 57.1 45.7 68.5



#16

Acetone

Concen: 0.620 ug/l

RT: 2.398 min Scan# 215

Delta R.T. 0.000 min

Lab File: VX035514.D

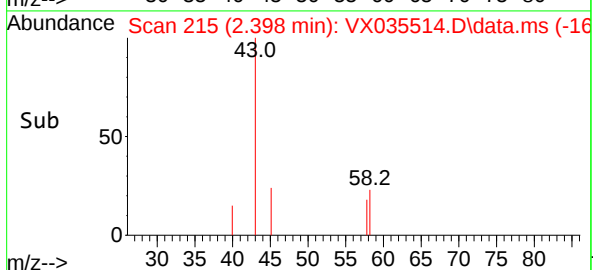
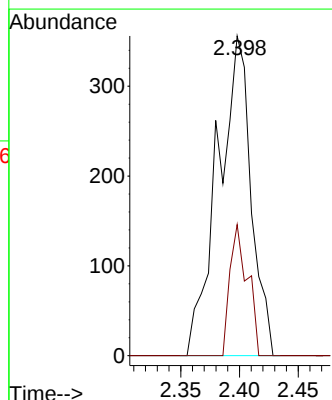
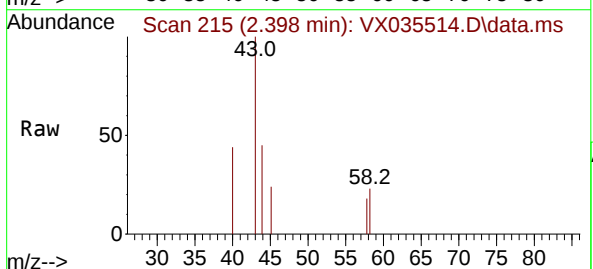
Acq: 03 May 2023 16:57

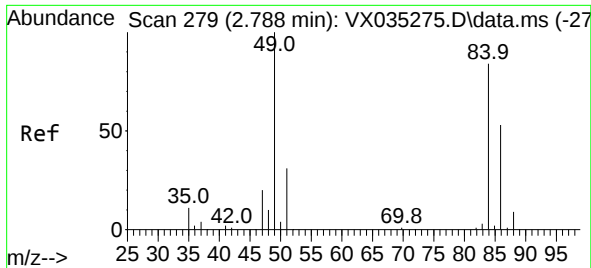
Tgt Ion: 43 Resp: 701

Ion Ratio Lower Upper

43 100

58 41.0 24.7 37.1#





#20

Methylene Chloride

Concen: 0.216 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX035514.D

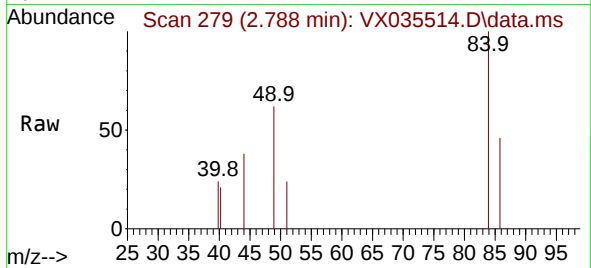
Acq: 03 May 2023 16:57

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4



Tgt Ion: 84 Resp: 560

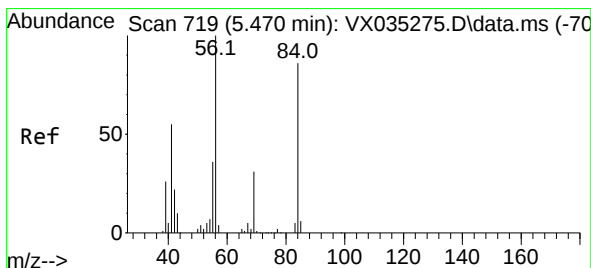
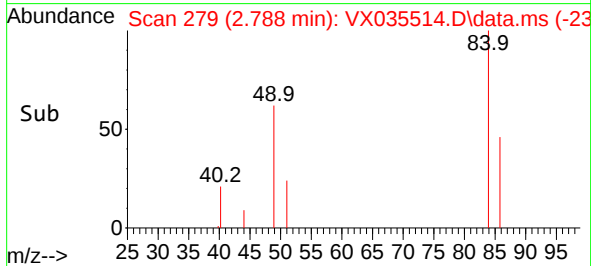
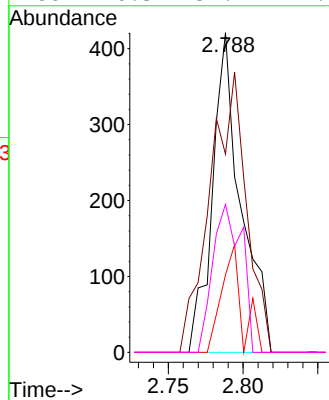
Ion Ratio Lower Upper

84 100

49 62.0 103.8 155.8#

51 24.2 31.8 47.8#

86 46.3 51.4 77.2#



#31

Cyclohexane

Concen: 1.032 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.086 min

Lab File: VX035514.D

Acq: 03 May 2023 16:57

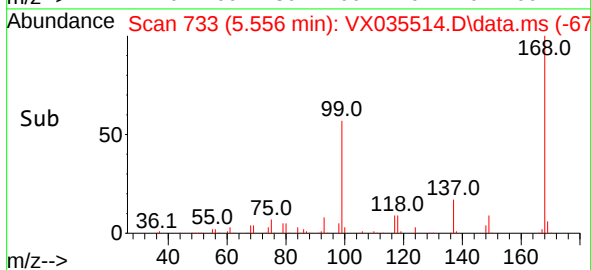
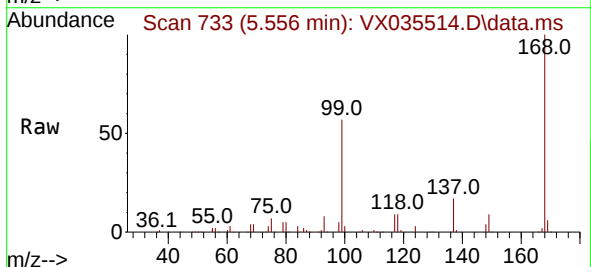
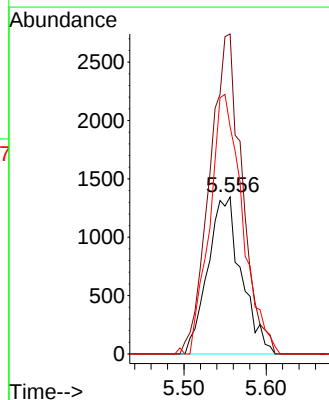
Tgt Ion: 56 Resp: 3807

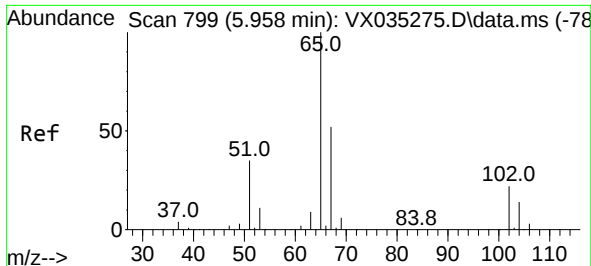
Ion Ratio Lower Upper

56 100

69 203.8 23.7 35.5#

84 144.6 68.5 102.7#

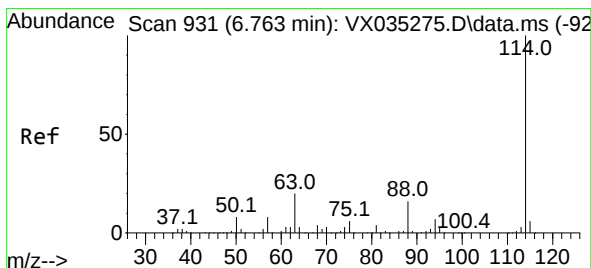
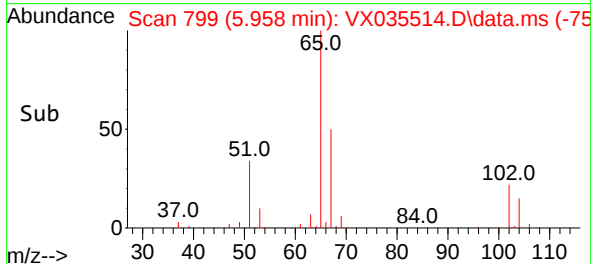
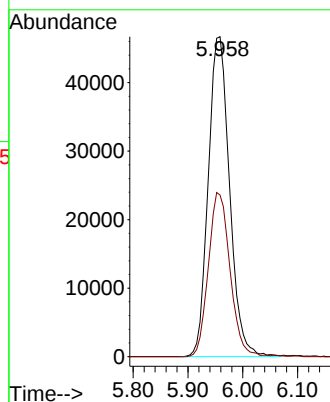
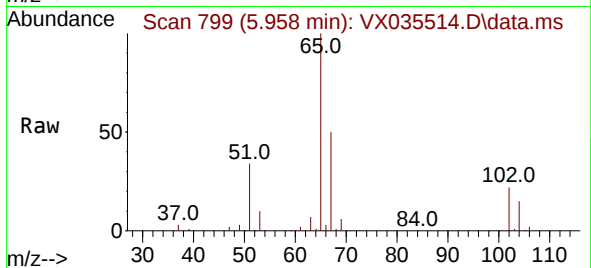




#33
 1,2-Dichloroethane-d4
 Concen: 48.447 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX035514.D
 Acq: 03 May 2023 16:57

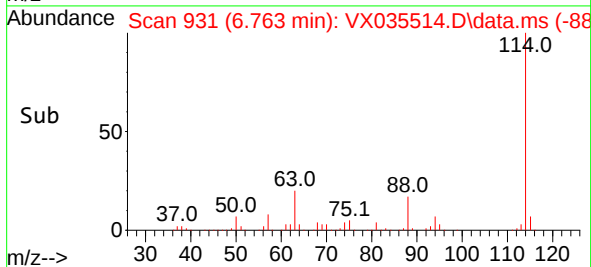
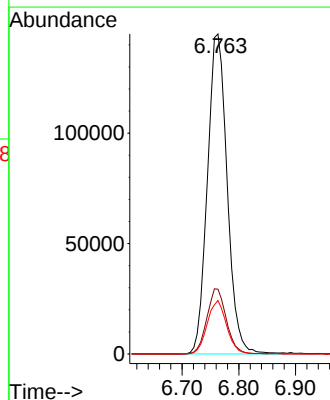
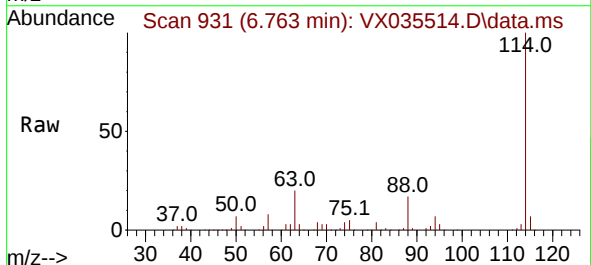
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

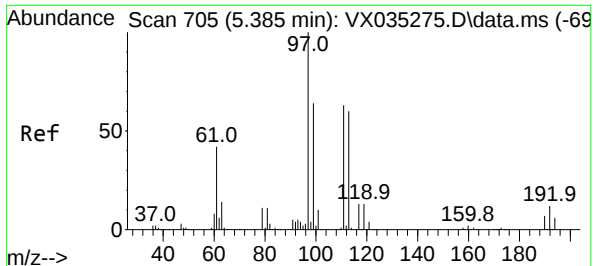
Tgt Ion: 65 Resp: 126019
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX035514.D
 Acq: 03 May 2023 16:57

Tgt Ion: 114 Resp: 350841
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 42.2
 88 16.7 0.0 33.2

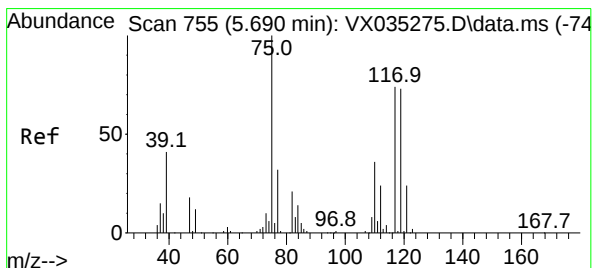
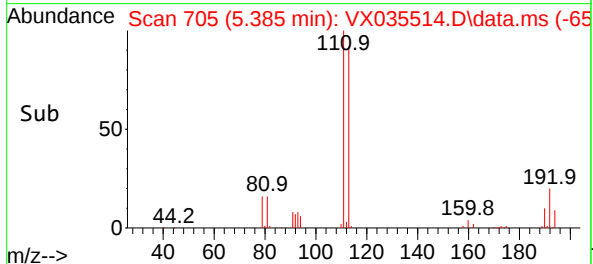
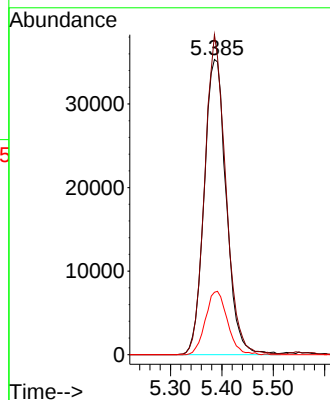
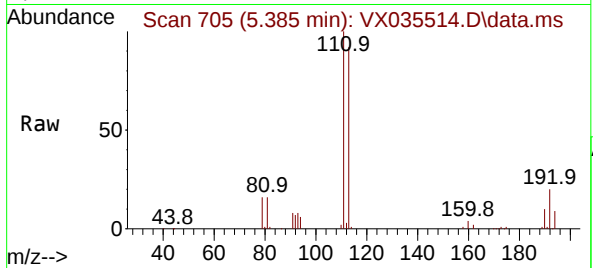




#35
Dibromofluoromethane
Concen: 49.134 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035514.D
Acq: 03 May 2023 16:57

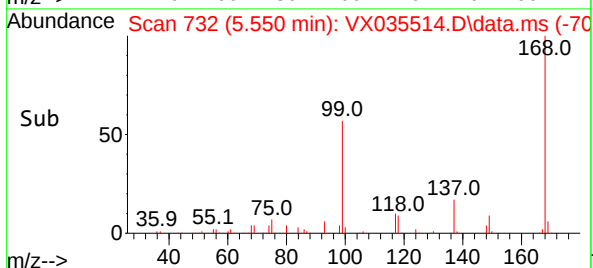
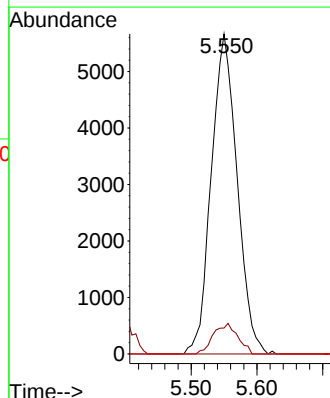
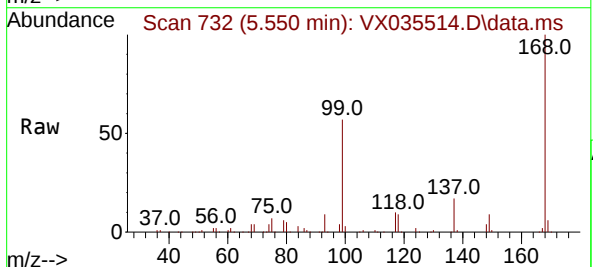
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

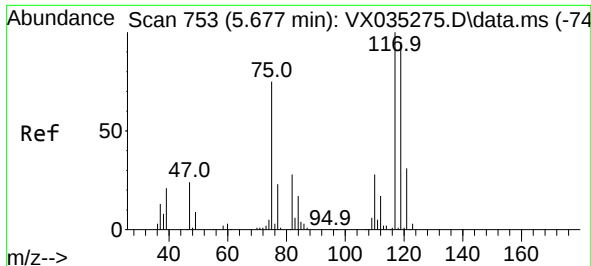
Tgt Ion:113 Resp: 105804
Ion Ratio Lower Upper
113 100
111 103.2 83.7 125.5
192 21.2 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.610 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX035514.D
Acq: 03 May 2023 16:57

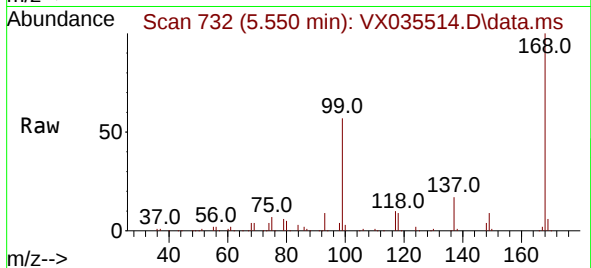
Tgt Ion: 75 Resp: 15501
Ion Ratio Lower Upper
75 100
110 9.0 17.5 52.5#
77 0.0 24.3 36.5#



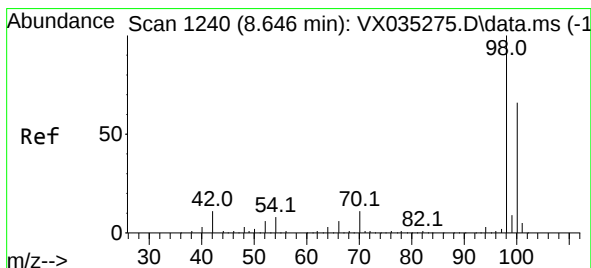
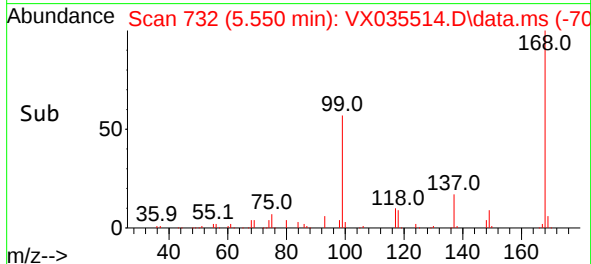
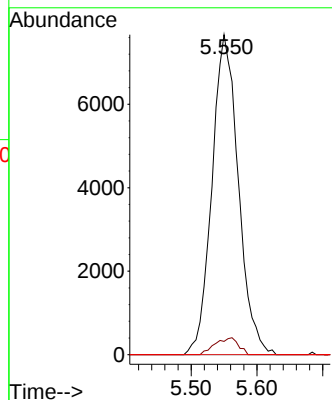


#38
Carbon Tetrachloride
Concen: 6.713 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX035514.D
Acq: 03 May 2023 16:57

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

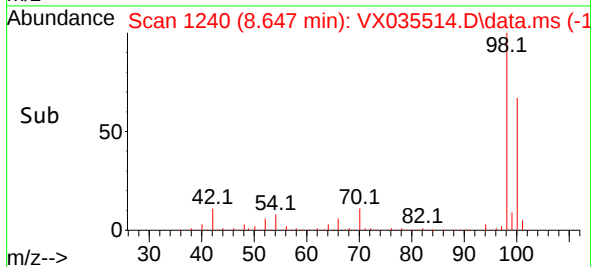
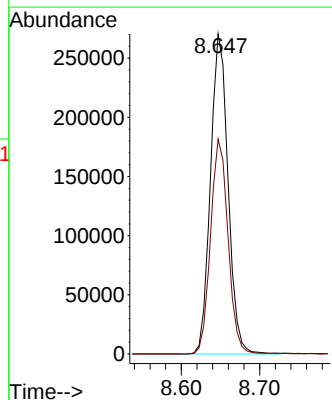
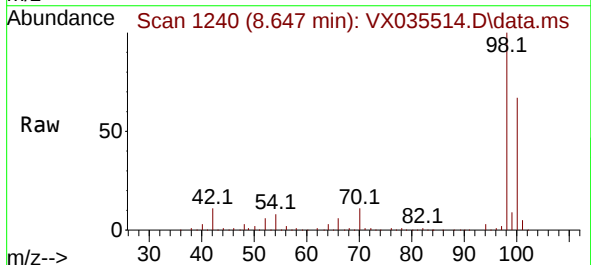


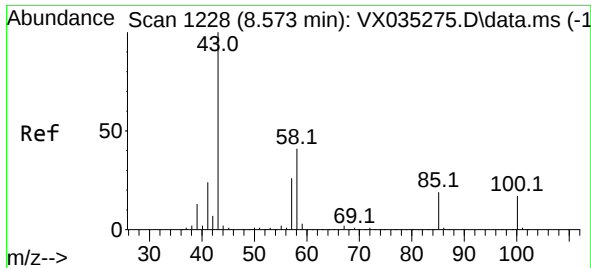
Tgt Ion:117 Resp: 21427
Ion Ratio Lower Upper
117 100
119 4.2 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 51.744 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035514.D
Acq: 03 May 2023 16:57

Tgt Ion: 98 Resp: 420326
Ion Ratio Lower Upper
98 100
100 67.0 52.5 78.7

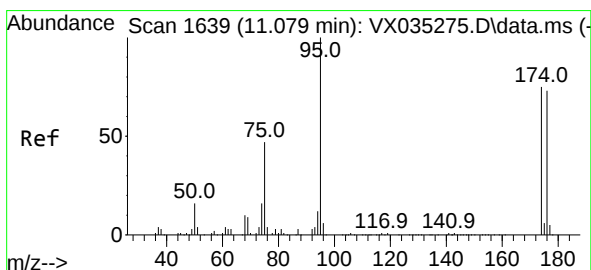
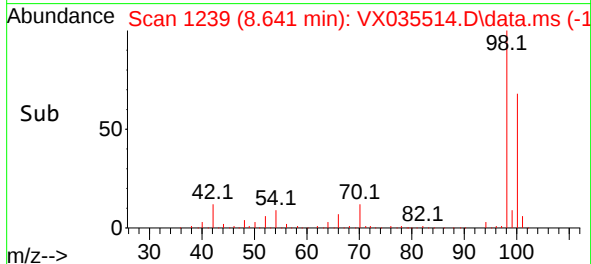
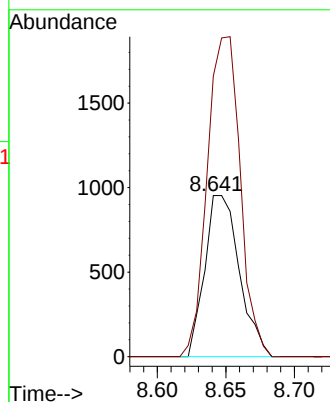
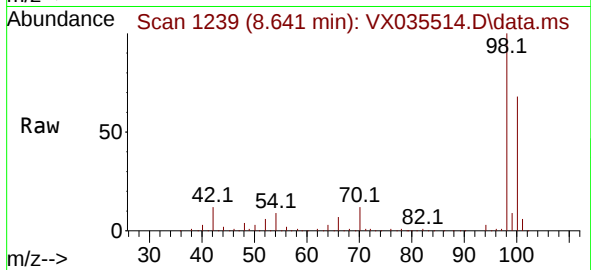




#51
4-Methyl-2-Pentanone
Concen: 0.528 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.068 min
Lab File: VX035514.D
Acq: 03 May 2023 16:57

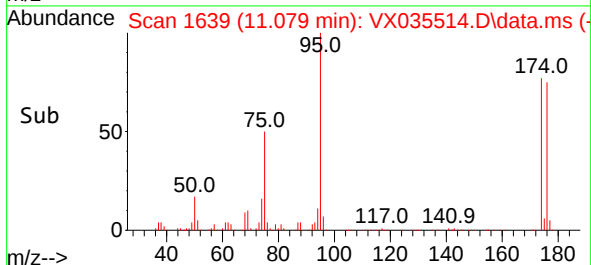
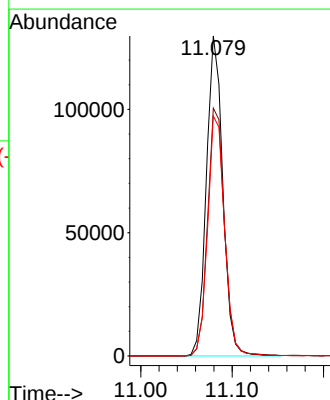
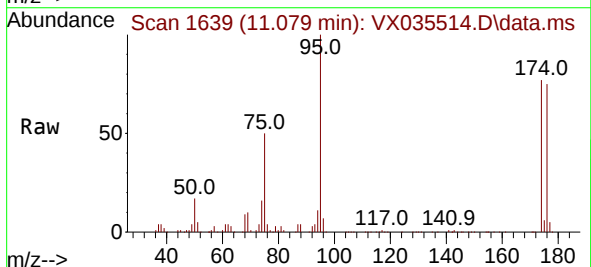
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STORAGE-BLANK-WATER-REF-4

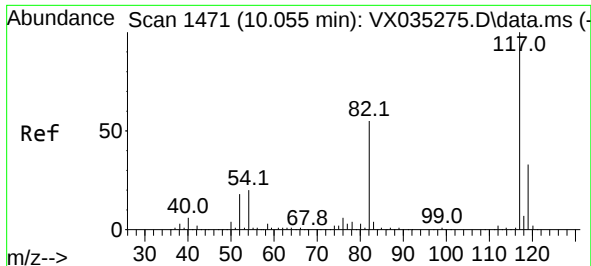
Tgt Ion: 43 Resp: 1674
Ion Ratio Lower Upper
43 100
58 189.5 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 53.084 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035514.D
Acq: 03 May 2023 16:57

Tgt Ion: 95 Resp: 162213
Ion Ratio Lower Upper
95 100
174 79.7 0.0 147.4
176 77.7 0.0 140.6

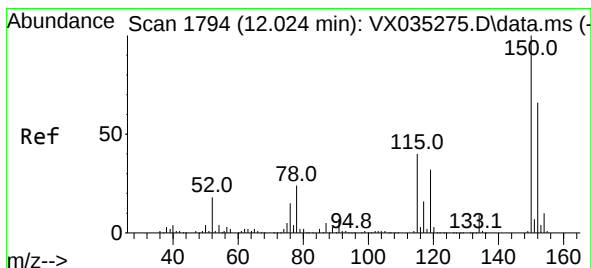
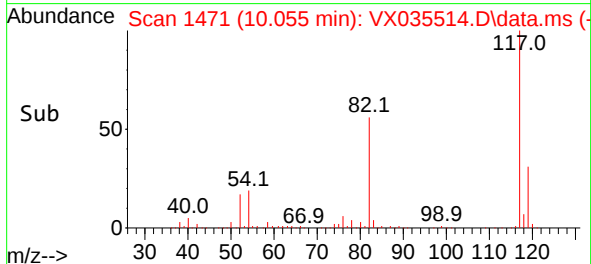
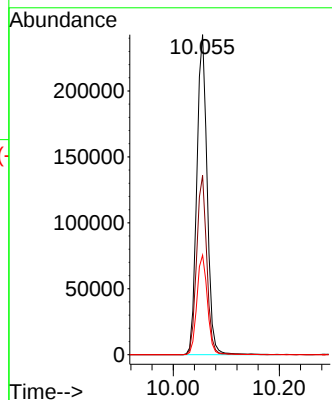
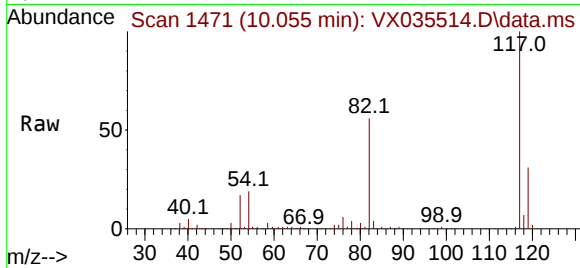




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035514.D
Acq: 03 May 2023 16:57

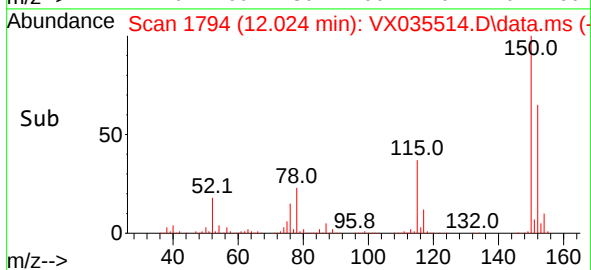
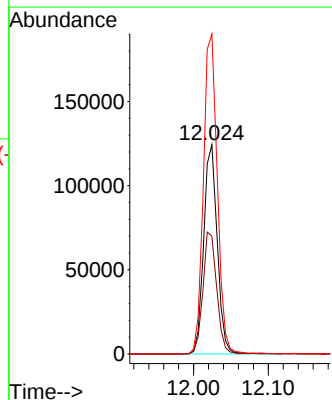
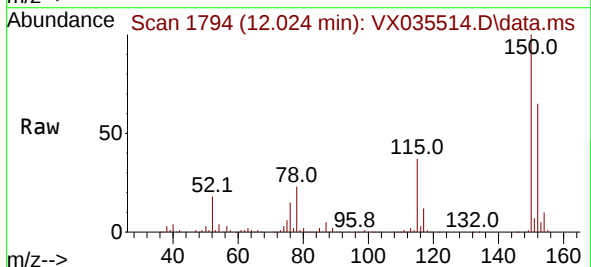
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

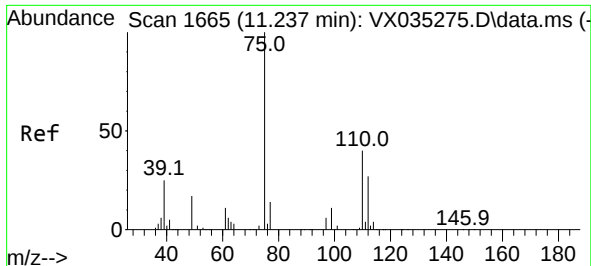
Tgt Ion:117 Resp: 327557
Ion Ratio Lower Upper
117 100
82 56.0 45.0 67.4
119 31.1 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035514.D
Acq: 03 May 2023 16:57

Tgt Ion:152 Resp: 156446
Ion Ratio Lower Upper
152 100
115 59.3 45.0 135.0
150 157.2 0.0 352.4

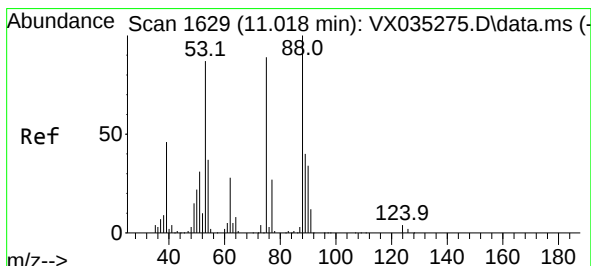
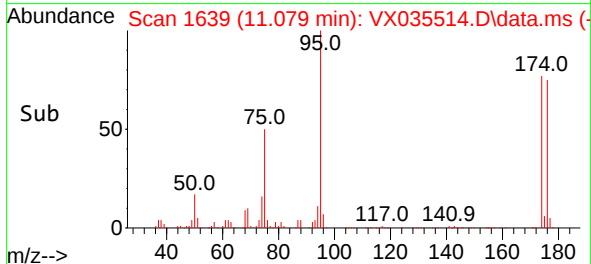
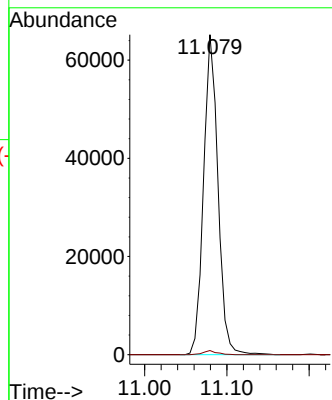
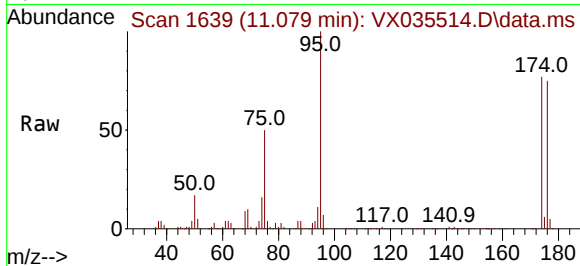




#76
1,2,3-Trichloropropane
Concen: 25.364 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035514.D
Acq: 03 May 2023 16:57

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

Tgt Ion: 75 Resp: 79154
Ion Ratio Lower Upper
75 100
77 1.2 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.149 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035514.D
Acq: 03 May 2023 16:57

Tgt Ion: 75 Resp: 79154
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

