

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050823\
 Data File : VX035563.D
 Acq On : 08 May 2023 16:24
 Operator : JC/MD
 Sample : 02656-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: May 09 03:45:37 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)

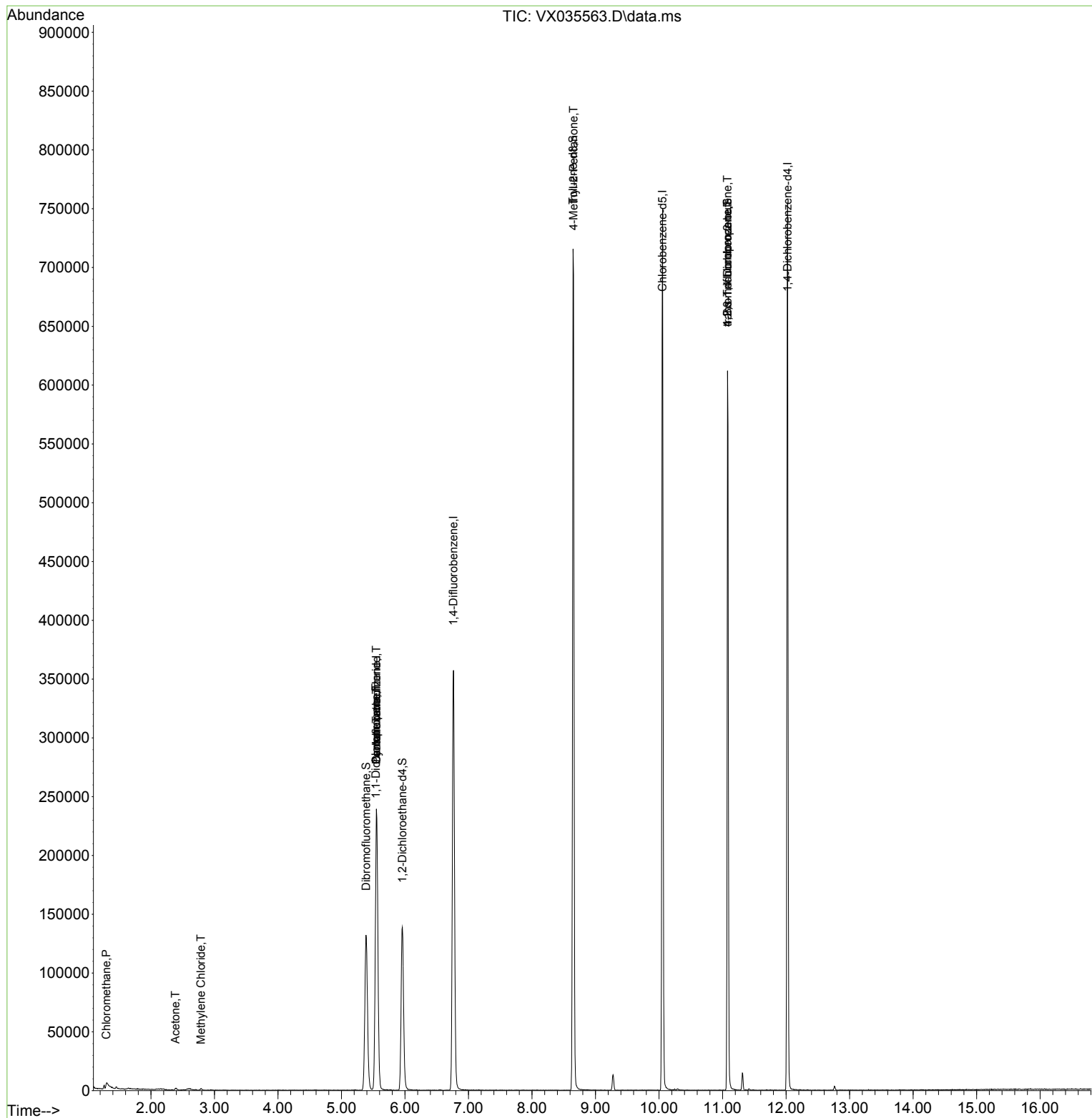
Internal Standards						
1) Pentafluorobenzene	5.550	168	231271	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	374523	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	345501	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	164442	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	139367	49.950	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.900%
35) Dibromofluoromethane	5.385	113	117033	50.912	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.820%
50) Toluene-d8	8.647	98	443591	51.155	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.320%
62) 4-Bromofluorobenzene	11.079	95	170502	52.268	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.540%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	614	0.276	ug/l #	86
16) Acetone	2.386	43	2136	1.763	ug/l	97
20) Methylene Chloride	2.788	84	676	0.243	ug/l #	88
31) Cyclohexane	5.550	56	4550	1.150	ug/l #	1
36) 1,1-Dichloropropene	5.543	75	16809	4.683	ug/l #	52
38) Carbon Tetrachloride	5.550	117	23491	6.894	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	1787	0.528	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	84826	25.860	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	84826	83.755	ug/l #	8

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

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STORAGE-BLANK-WATER-REF-4

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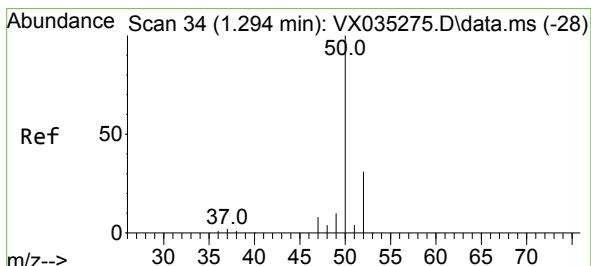
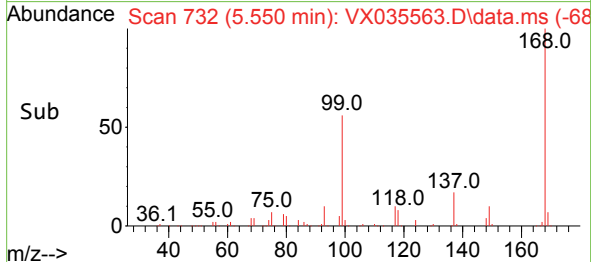
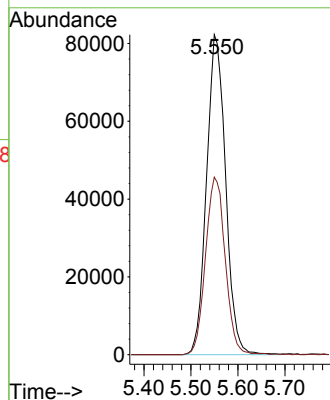
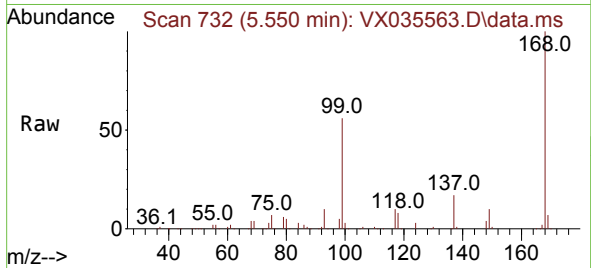




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035563.D
Acq: 08 May 2023 16:24

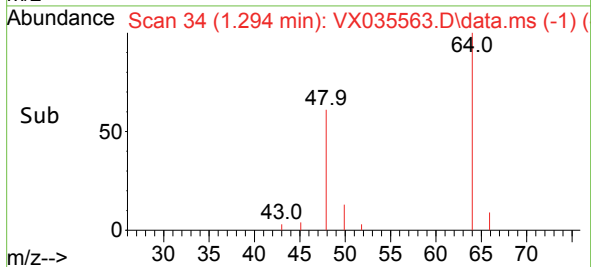
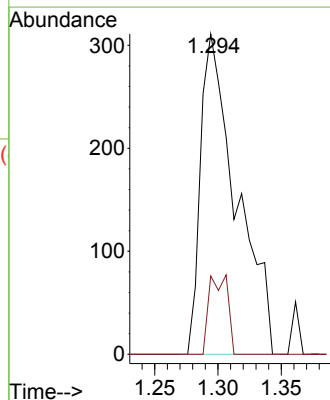
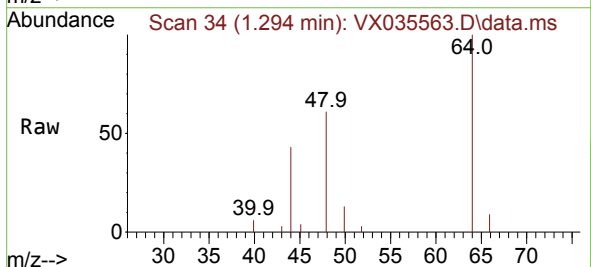
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

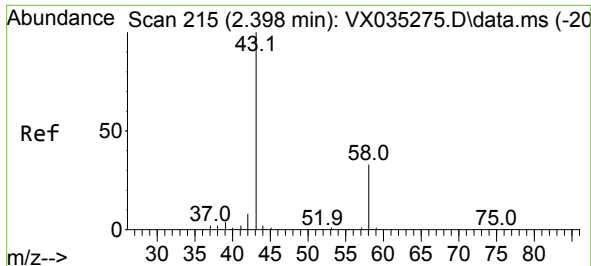
Tgt Ion:168 Resp: 231271
Ion Ratio Lower Upper
168 100
99 55.5 45.7 68.5



#3
Chloromethane
Concen: 0.276 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035563.D
Acq: 08 May 2023 16:24

Tgt Ion: 50 Resp: 614
Ion Ratio Lower Upper
50 100
52 24.4 25.9 38.9#

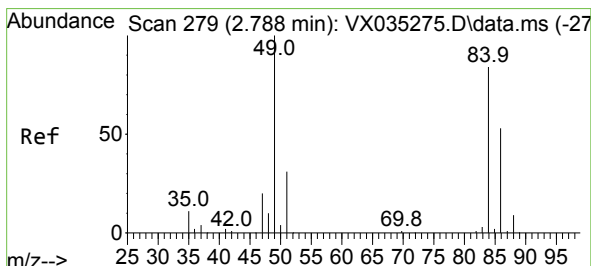
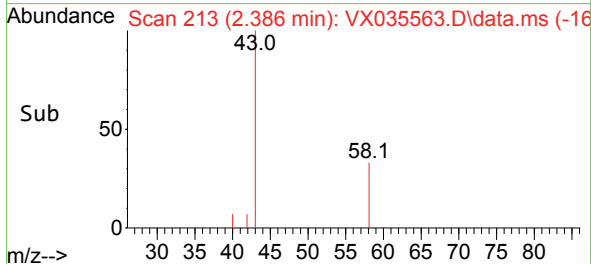
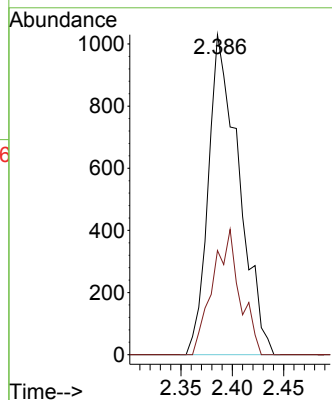
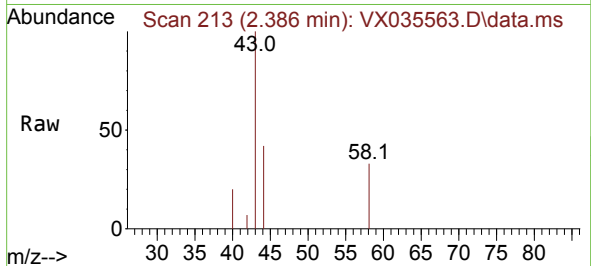




#16
Acetone
Concen: 1.763 ug/l
RT: 2.386 min Scan# 215
Delta R.T. -0.012 min
Lab File: VX035563.D
Acq: 08 May 2023 16:24

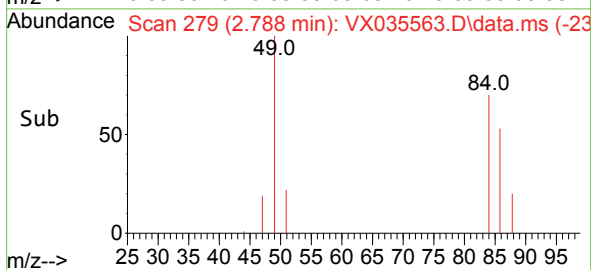
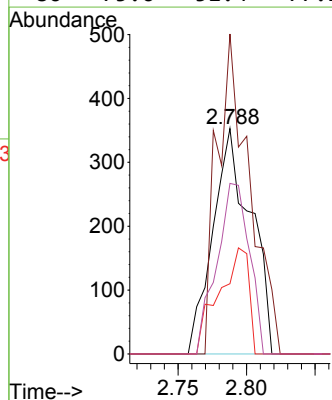
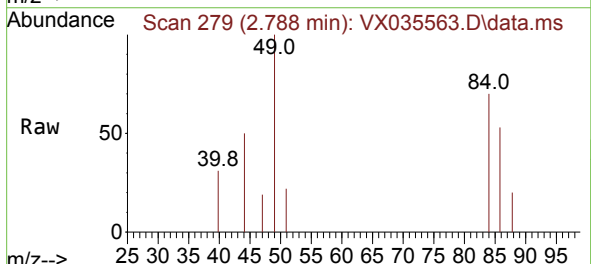
Instrument :
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ClientSampleId :
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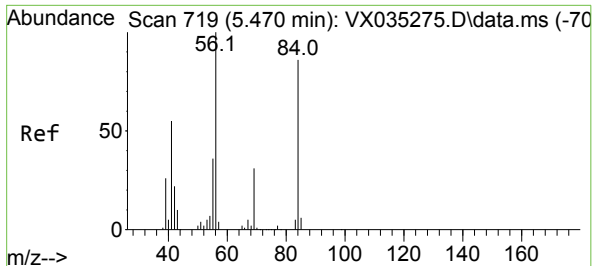
Tgt Ion: 43 Resp: 2136
Ion Ratio Lower Upper
43 100
58 32.5 24.7 37.1



#20
Methylene Chloride
Concen: 0.243 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX035563.D
Acq: 08 May 2023 16:24

Tgt Ion: 84 Resp: 676
Ion Ratio Lower Upper
84 100
49 141.9 103.8 155.8
51 31.2 31.8 47.8#
86 75.6 51.4 77.2

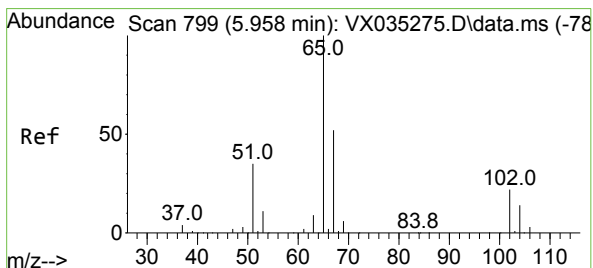
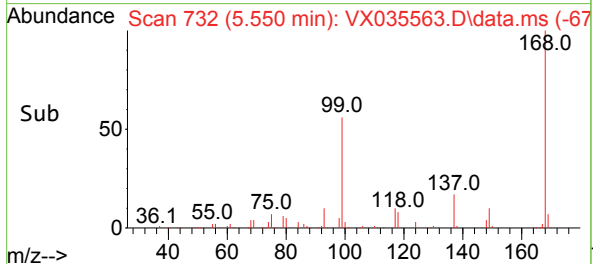
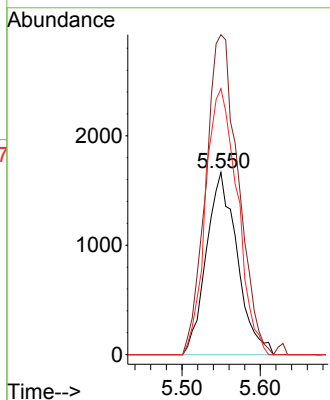
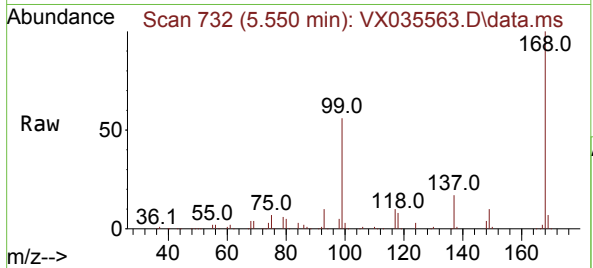




#31
Cyclohexane
Concen: 1.150 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX035563.D
Acq: 08 May 2023 16:24

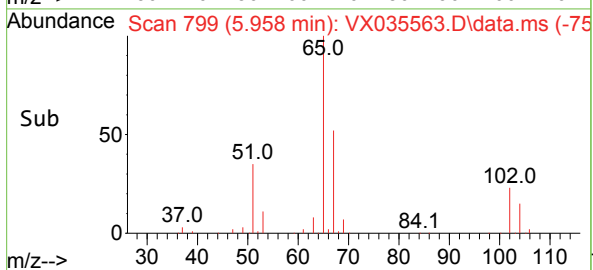
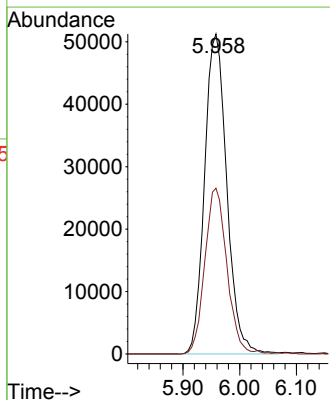
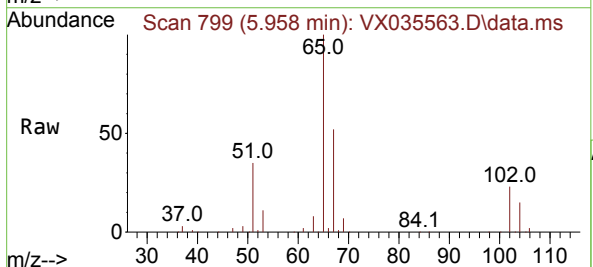
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

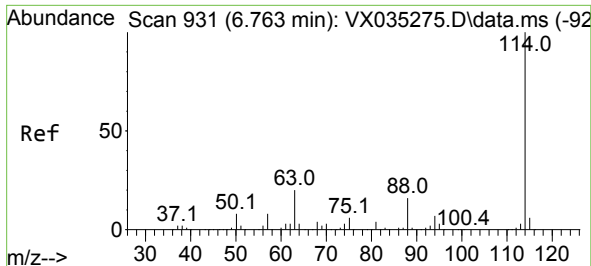
Tgt Ion: 56 Resp: 4550
Ion Ratio Lower Upper
56 100
69 175.6 23.7 35.5#
84 146.0 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 49.950 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX035563.D
Acq: 08 May 2023 16:24

Tgt Ion: 65 Resp: 139367
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.0

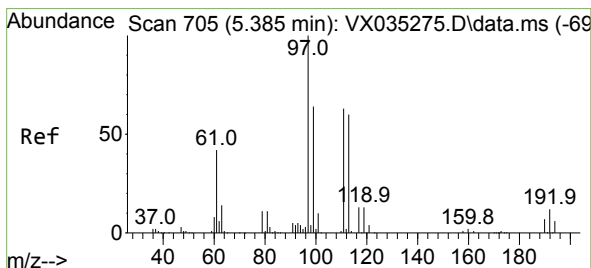
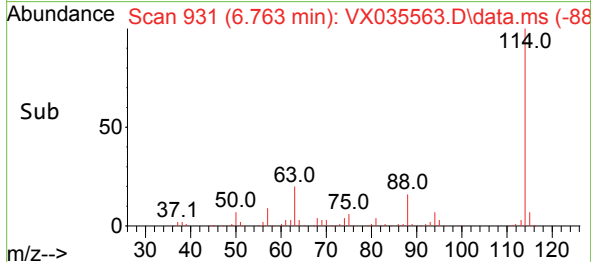
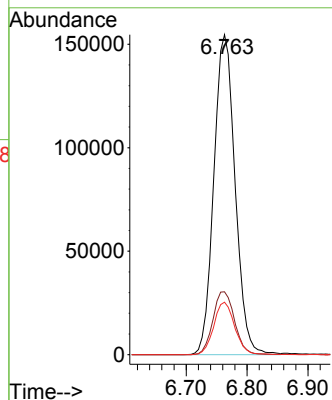
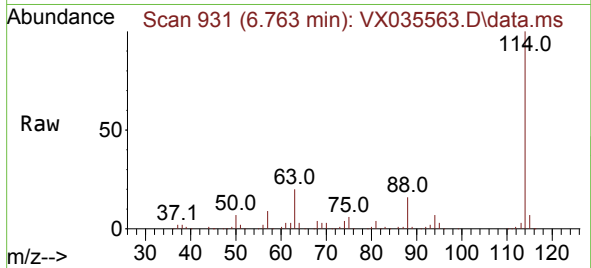




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035563.D
Acq: 08 May 2023 16:24

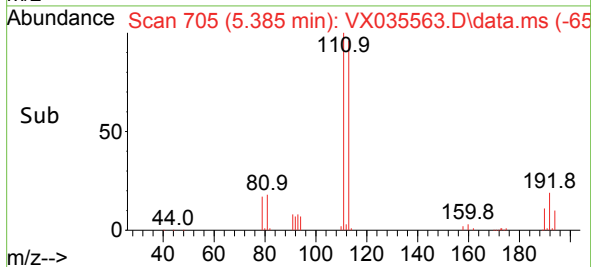
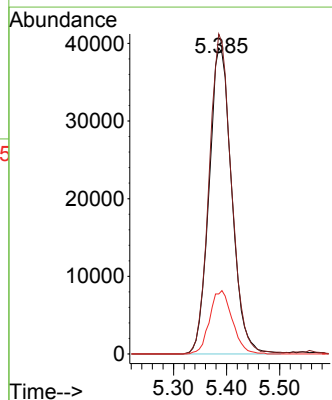
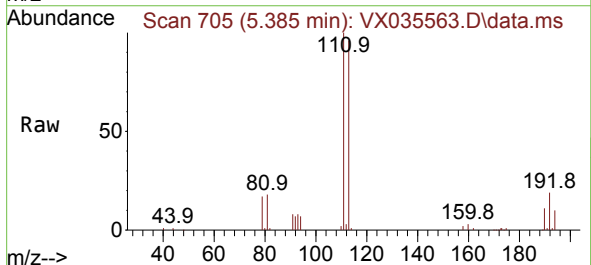
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

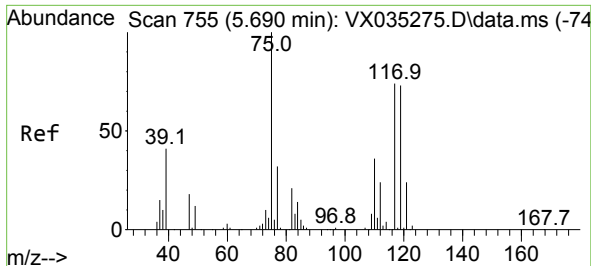
Tgt Ion:114 Resp: 374523
Ion Ratio Lower Upper
114 100
63 19.6 0.0 42.2
88 16.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.912 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035563.D
Acq: 08 May 2023 16:24

Tgt Ion:113 Resp: 117033
Ion Ratio Lower Upper
113 100
111 103.0 83.7 125.5
192 20.7 15.4 23.2

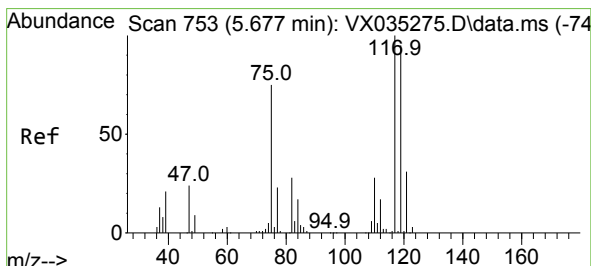
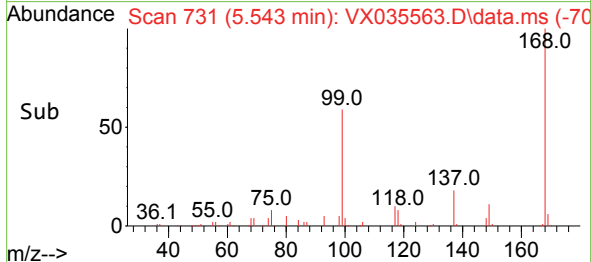
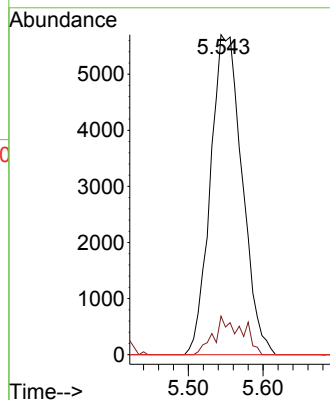
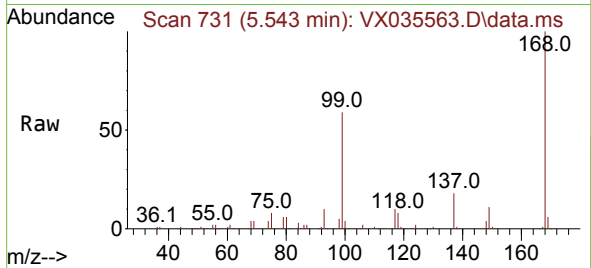




#36
1,1-Dichloropropene
Concen: 4.683 ug/l
RT: 5.543 min Scan# 711
Delta R.T. -0.147 min
Lab File: VX035563.D
Acq: 08 May 2023 16:24

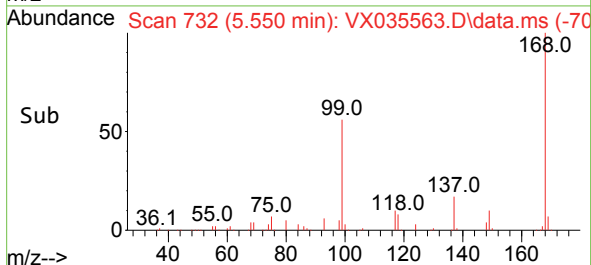
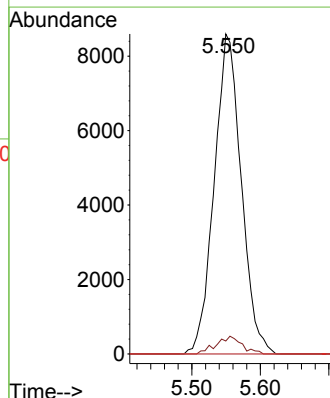
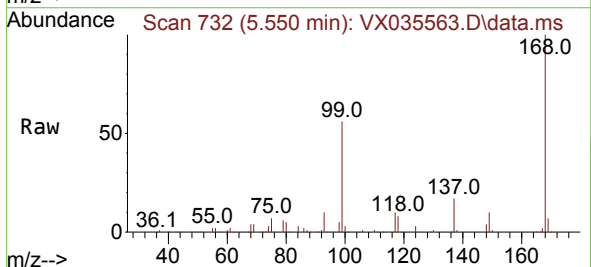
Instrument :
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ClientSampleId :
STORAGE-BLANK-WATER-REF-4

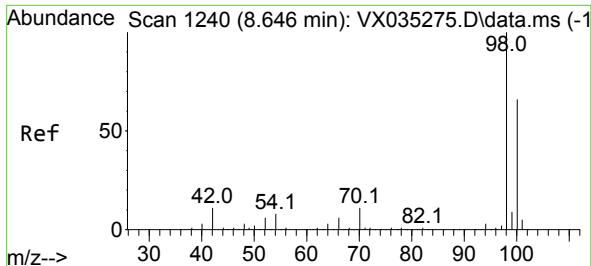
Tgt Ion: 75 Resp: 16809
Ion Ratio Lower Upper
75 100
110 10.6 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.894 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.127 min
Lab File: VX035563.D
Acq: 08 May 2023 16:24

Tgt Ion: 117 Resp: 23491
Ion Ratio Lower Upper
117 100
119 4.0 76.6 114.8#
121 0.0 23.8 35.6#

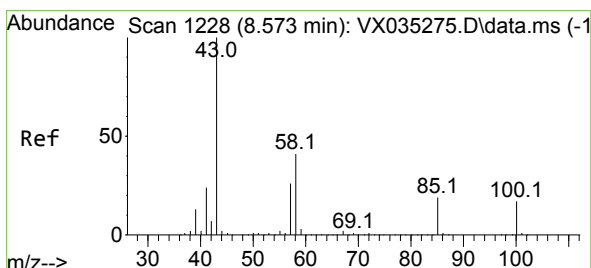
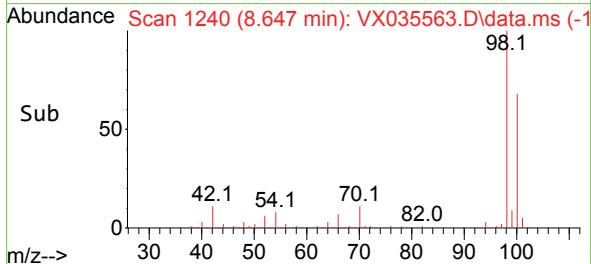
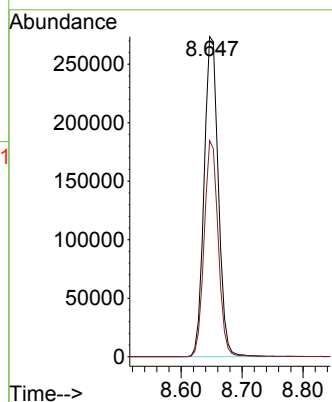
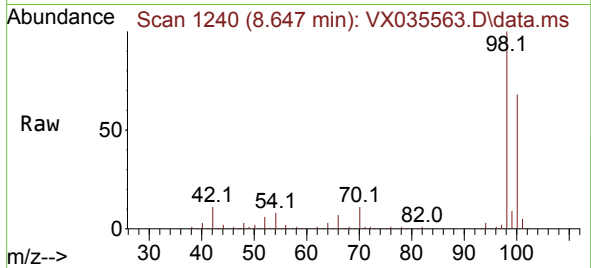




#50
Toluene-d8
Concen: 51.155 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035563.D
Acq: 08 May 2023 16:24

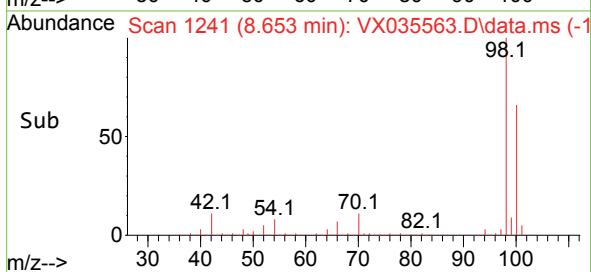
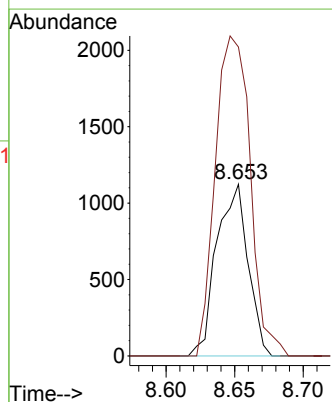
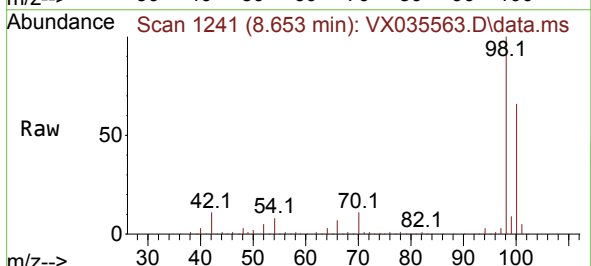
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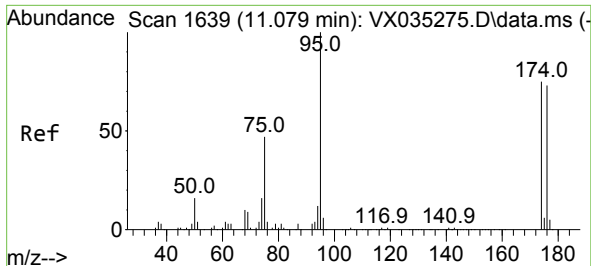
Tgt Ion: 98 Resp: 443591
Ion Ratio Lower Upper
98 100
100 66.5 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.528 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.080 min
Lab File: VX035563.D
Acq: 08 May 2023 16:24

Tgt Ion: 43 Resp: 1787
Ion Ratio Lower Upper
43 100
58 207.8 30.6 46.0#

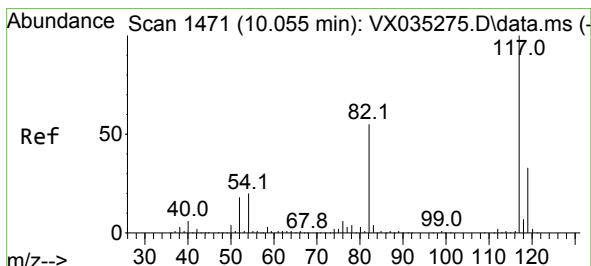
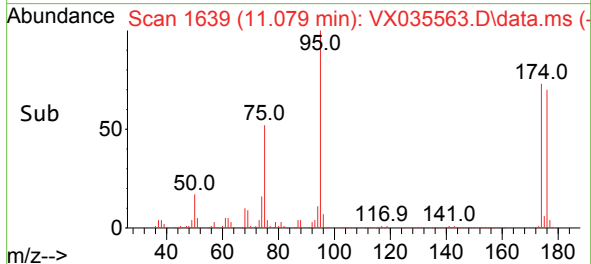
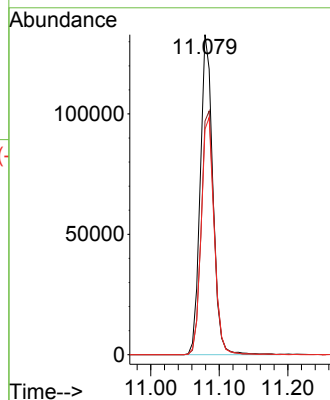
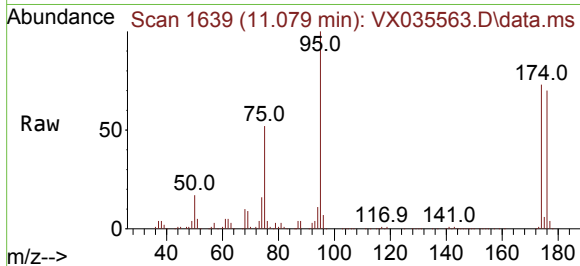




#62
4-Bromofluorobenzene
Concen: 52.268 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX035563.D
Acq: 08 May 2023 16:24

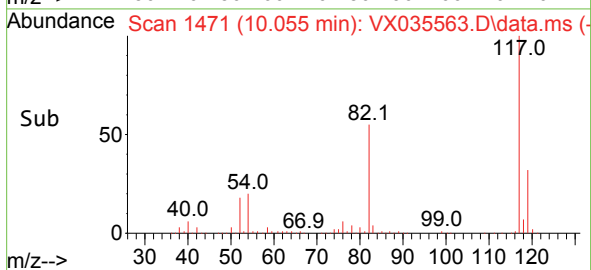
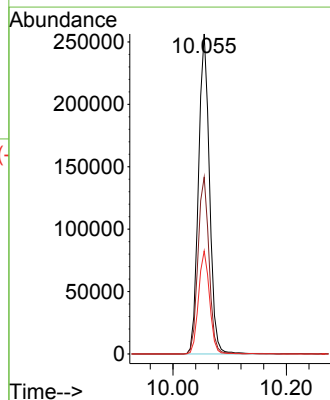
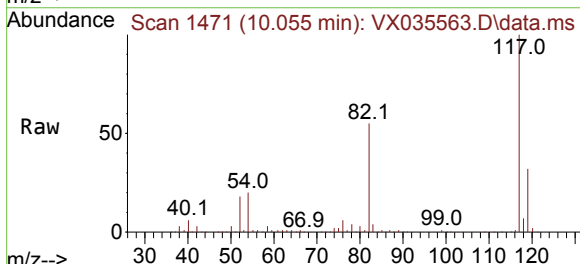
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

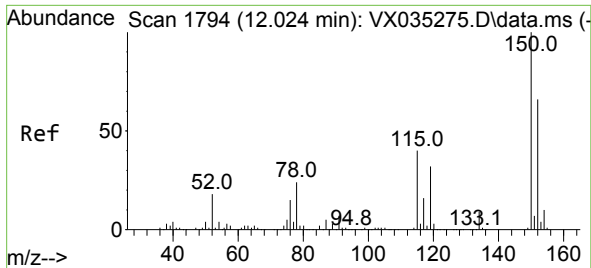
Tgt Ion: 95 Resp: 170502
Ion Ratio Lower Upper
95 100
174 78.5 0.0 147.4
176 76.3 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035563.D
Acq: 08 May 2023 16:24

Tgt Ion: 117 Resp: 345501
Ion Ratio Lower Upper
117 100
82 55.2 45.0 67.4
119 32.2 26.0 39.0

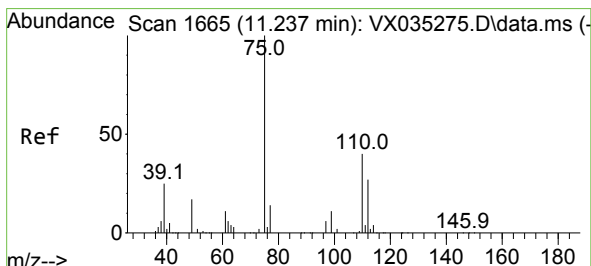
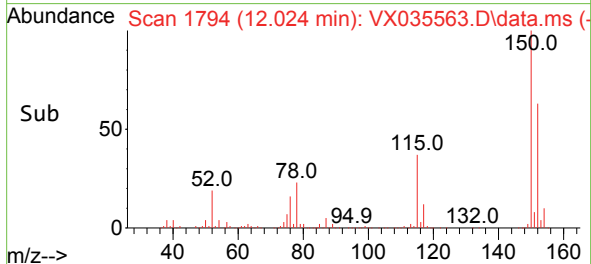
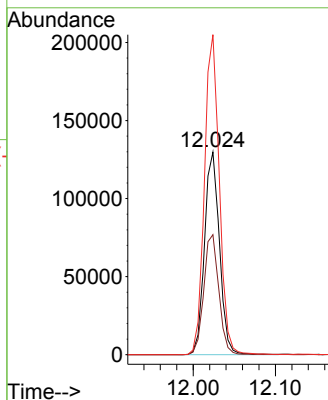
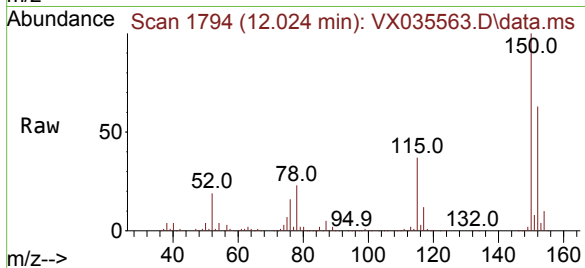




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX035563.D
 Acq: 08 May 2023 16:24

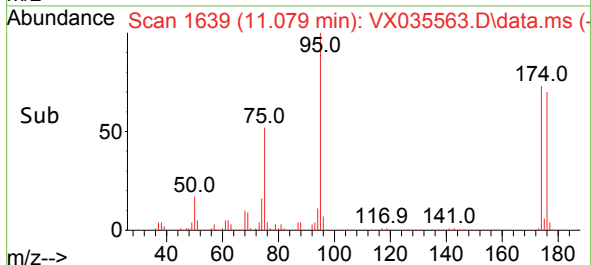
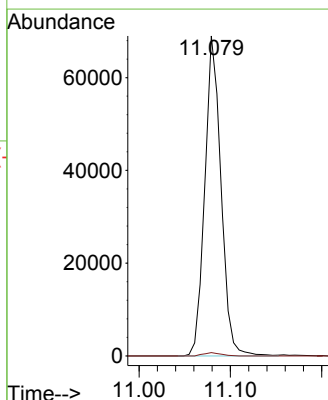
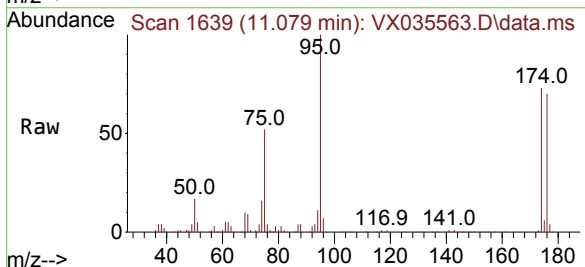
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

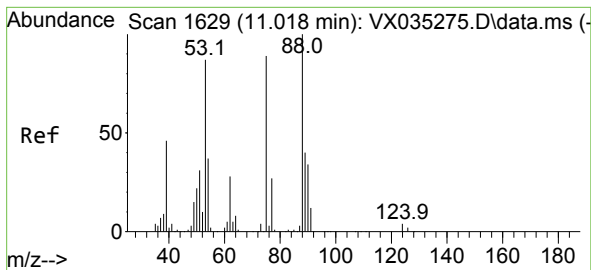
Tgt Ion:152 Resp: 164442
 Ion Ratio Lower Upper
 152 100
 115 59.6 45.0 135.0
 150 157.0 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 25.860 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX035563.D
 Acq: 08 May 2023 16:24

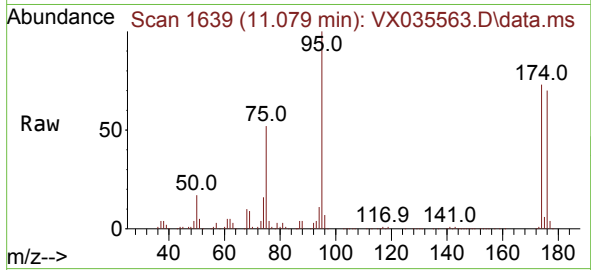
Tgt Ion: 75 Resp: 84826
 Ion Ratio Lower Upper
 75 100
 77 1.1 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.755 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX035563.D
 Acq: 08 May 2023 16:24

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



Tgt Ion: 75 Resp: 84826
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

