

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050323\
 Data File : VX035515.D
 Acq On : 03 May 2023 17:20
 Operator : JC/MD
 Sample : 02561-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: May 04 04:00:43 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)

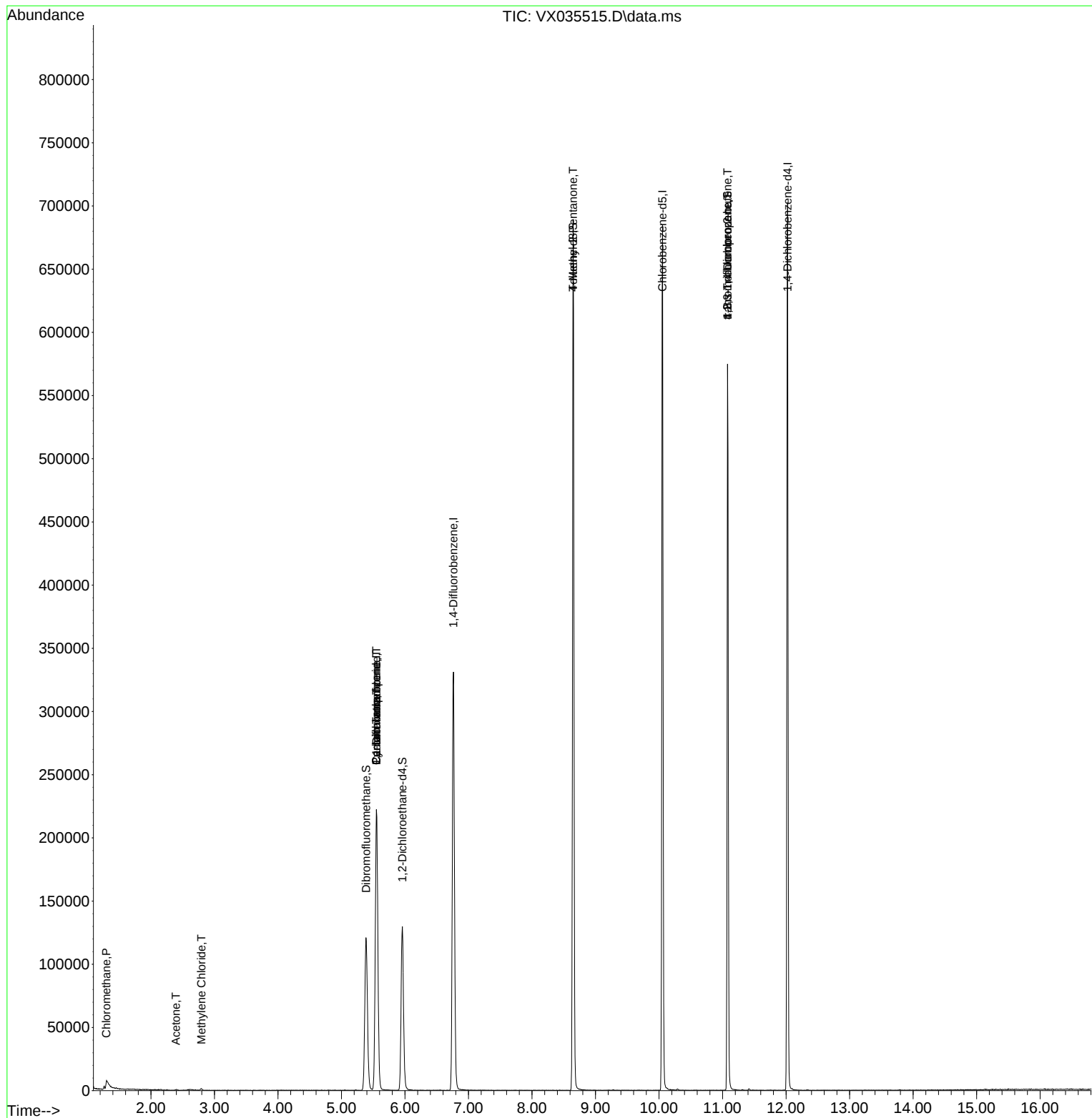
Internal Standards						
1) Pentafluorobenzene	5.550	168	218394	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	349578	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	325472	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	157468	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	126424	47.982	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.960%
35) Dibromofluoromethane	5.385	113	107320	50.018	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.040%
50) Toluene-d8	8.647	98	408368	50.454	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.900%
62) 4-Bromofluorobenzene	11.079	95	158120	51.931	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.860%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	435	0.207	ug/l #	42
16) Acetone	2.392	43	782	0.683	ug/l	100
20) Methylene Chloride	2.794	84	830	0.316	ug/l	86
31) Cyclohexane	5.550	56	3854	1.031	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	15076	4.500	ug/l #	52
38) Carbon Tetrachloride	5.550	117	21644	6.805	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1567	0.496	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	77182	24.571	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	77182	79.582	ug/l #	8

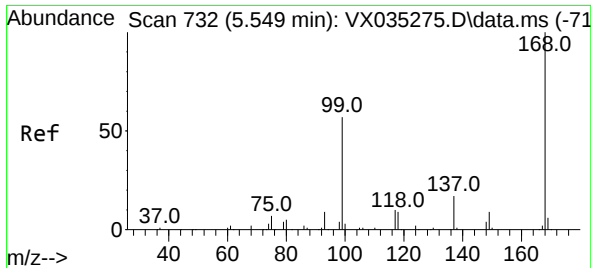
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050323\
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QLast Update : Tue Apr 25 16:31:40 2023
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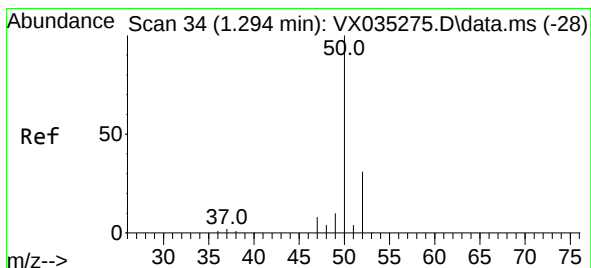
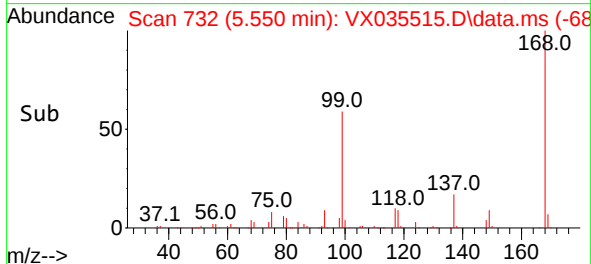
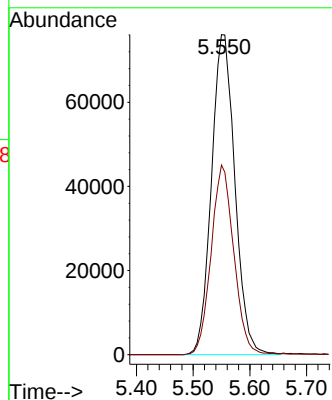
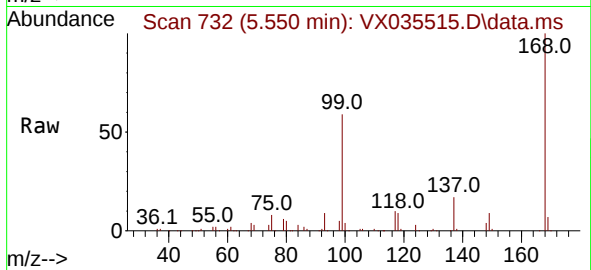




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035515.D
Acq: 03 May 2023 17:20

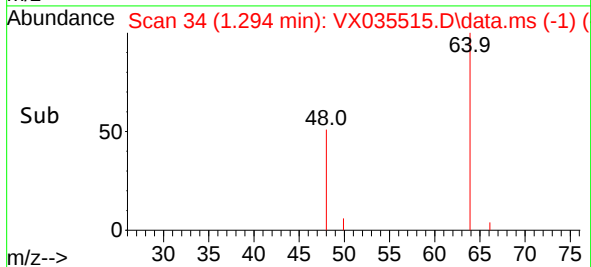
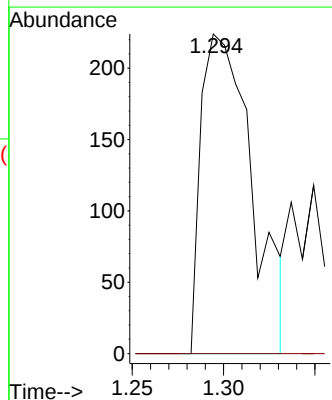
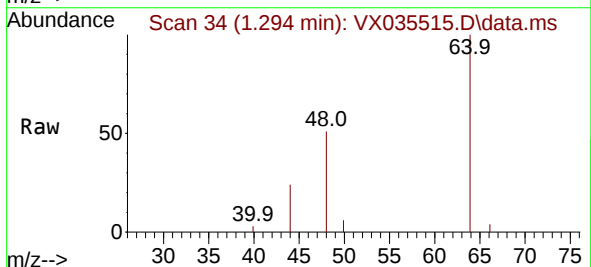
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

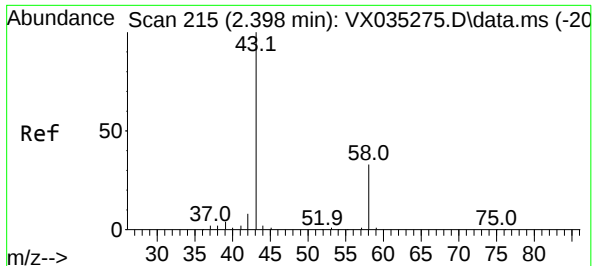
Tgt Ion:168 Resp: 218394
Ion Ratio Lower Upper
168 100
99 59.3 45.7 68.5



#3
Chloromethane
Concen: 0.207 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035515.D
Acq: 03 May 2023 17:20

Tgt Ion: 50 Resp: 435
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

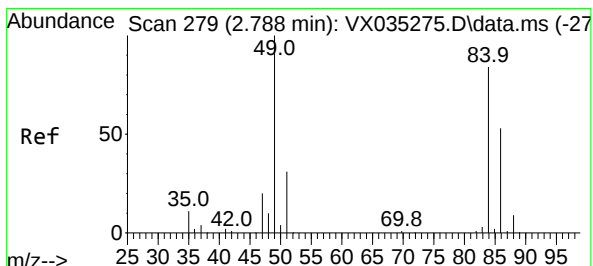
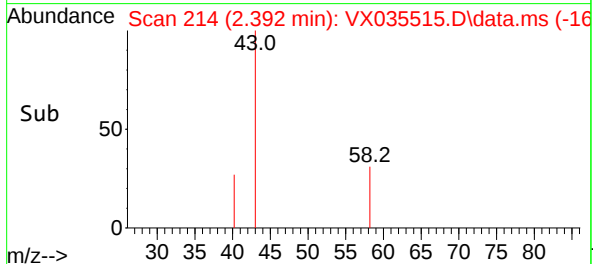
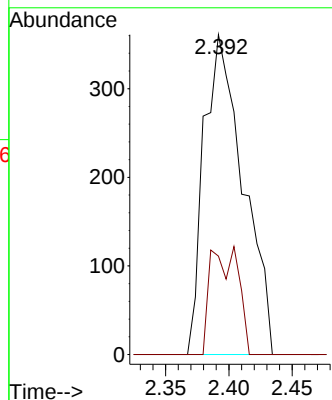
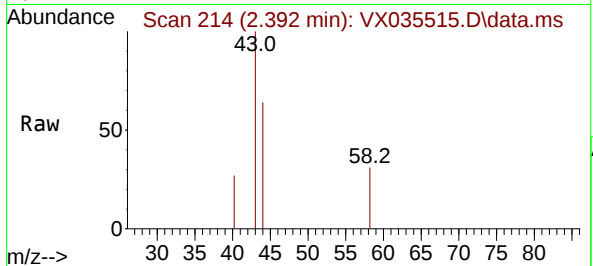




#16
Acetone
Concen: 0.683 ug/l
RT: 2.392 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX035515.D
Acq: 03 May 2023 17:20

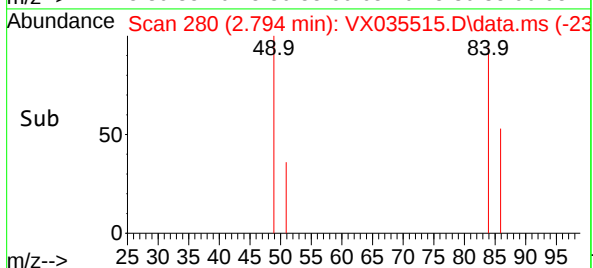
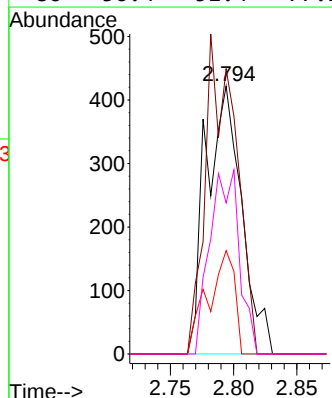
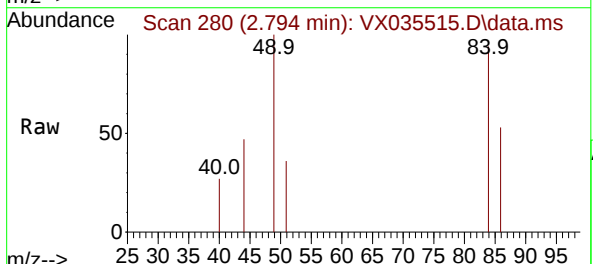
Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-SAMPLE-MANAG

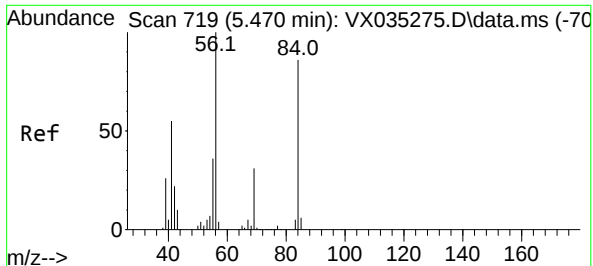
Tgt Ion: 43 Resp: 782
Ion Ratio Lower Upper
43 100
58 30.7 24.7 37.1



#20
Methylene Chloride
Concen: 0.316 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX035515.D
Acq: 03 May 2023 17:20

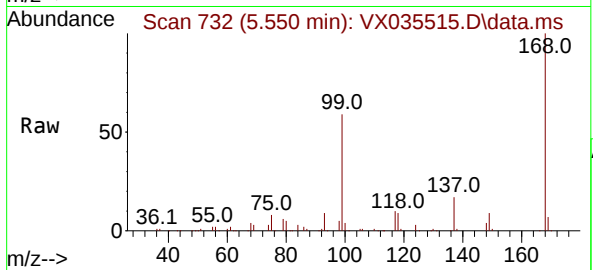
Tgt Ion: 84 Resp: 830
Ion Ratio Lower Upper
84 100
49 106.4 103.8 155.8
51 38.6 31.8 47.8
86 56.4 51.4 77.2



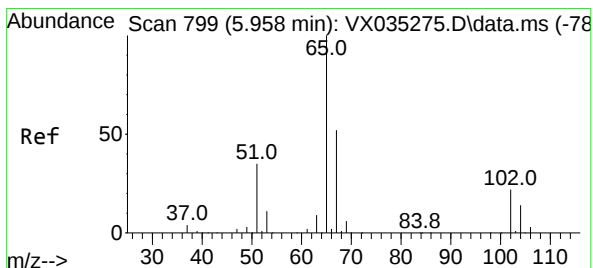
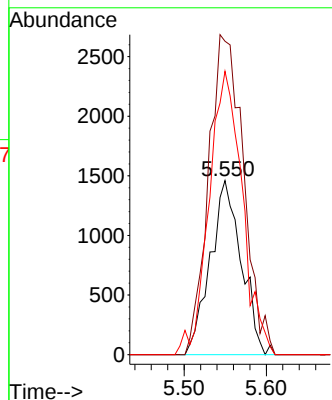
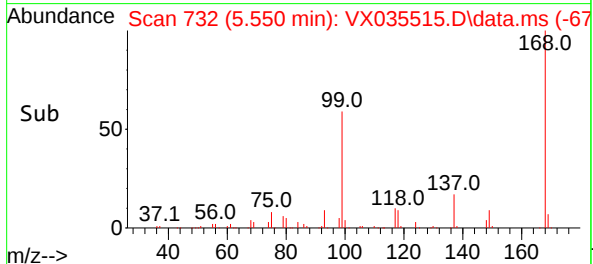


#31
Cyclohexane
Concen: 1.031 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX035515.D
Acq: 03 May 2023 17:20

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

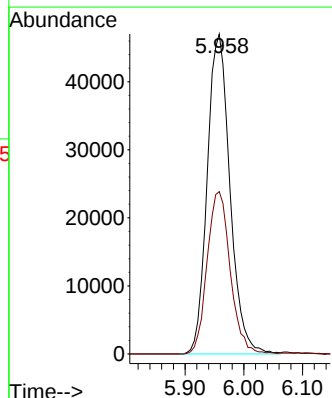
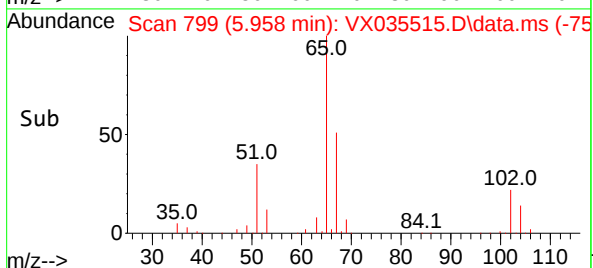
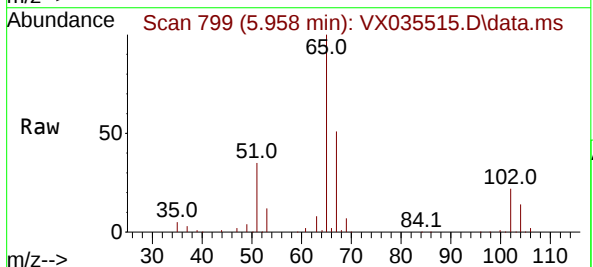


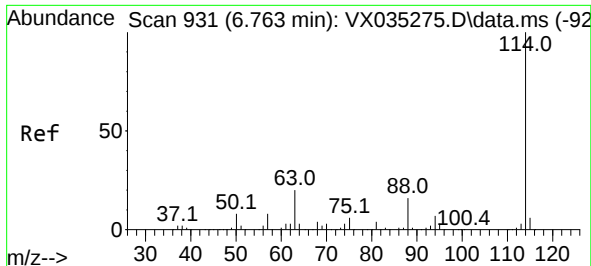
Tgt Ion: 56 Resp: 3854
Ion Ratio Lower Upper
56 100
69 180.1 23.7 35.5#
84 162.7 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 47.982 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX035515.D
Acq: 03 May 2023 17:20

Tgt Ion: 65 Resp: 126424
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.0

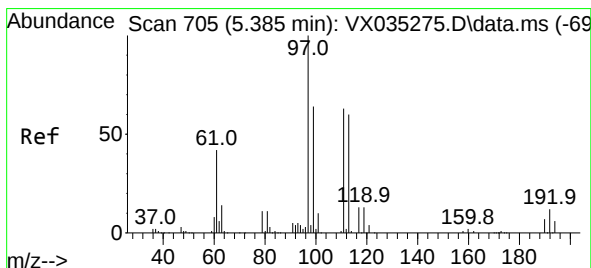
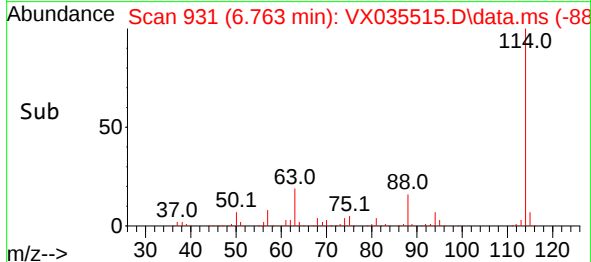
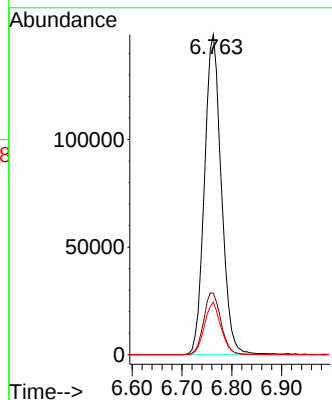
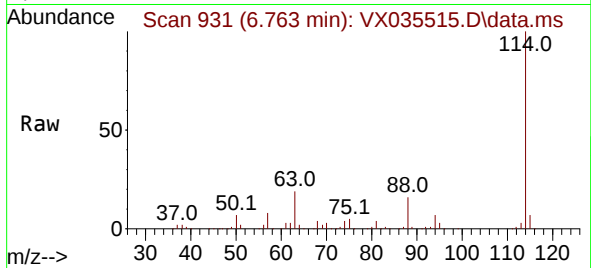




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035515.D
Acq: 03 May 2023 17:20

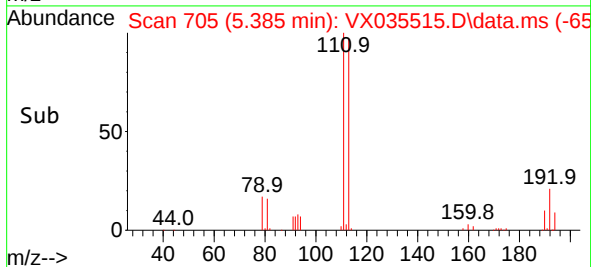
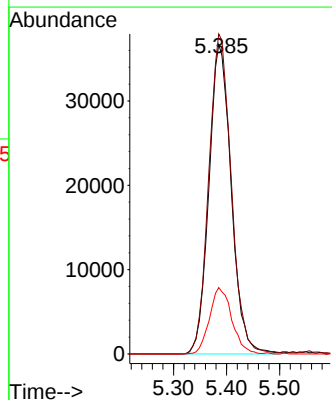
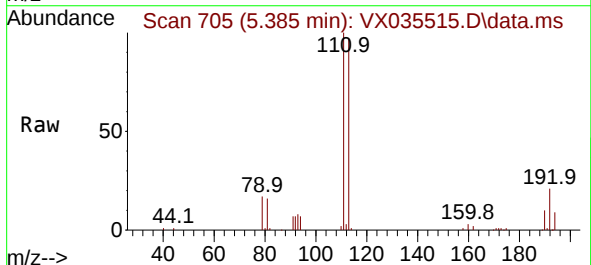
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

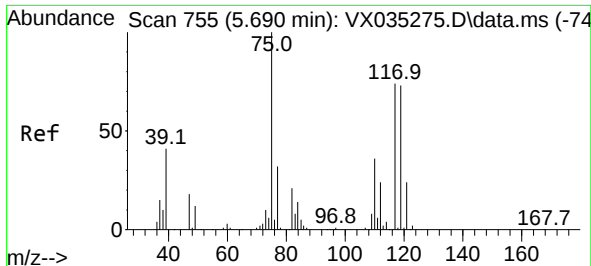
Tgt Ion:114 Resp: 349578
Ion Ratio Lower Upper
114 100
63 19.2 0.0 42.2
88 16.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.018 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035515.D
Acq: 03 May 2023 17:20

Tgt Ion:113 Resp: 107320
Ion Ratio Lower Upper
113 100
111 104.0 83.7 125.5
192 21.4 15.4 23.2

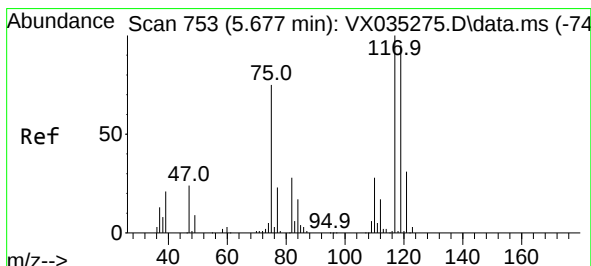
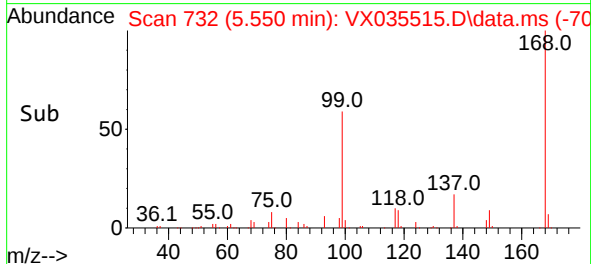
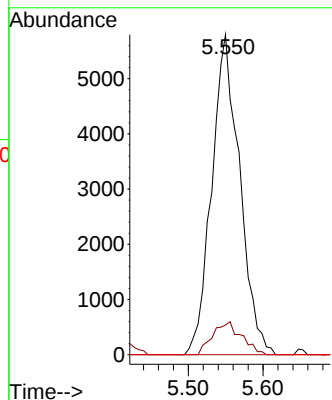
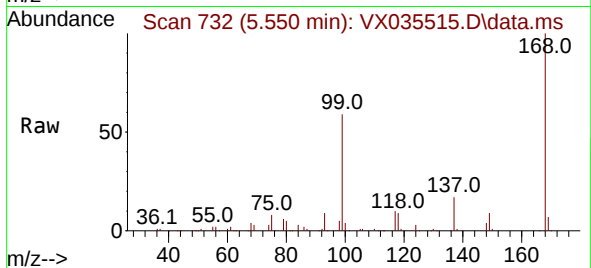




#36
1,1-Dichloropropene
Concen: 4.500 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX035515.D
Acq: 03 May 2023 17:20

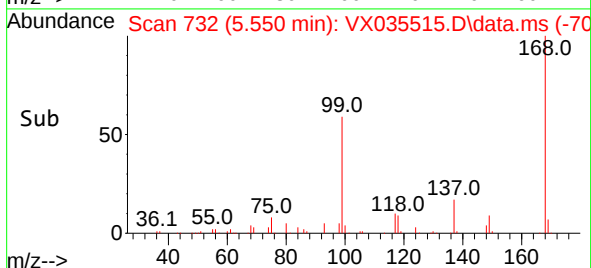
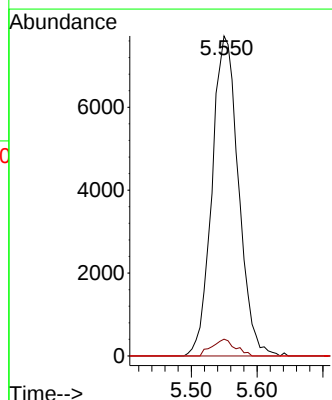
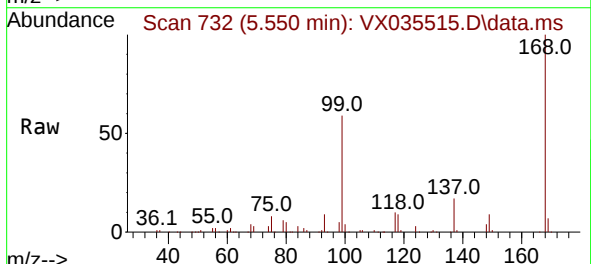
Instrument :
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ClientSampleId :
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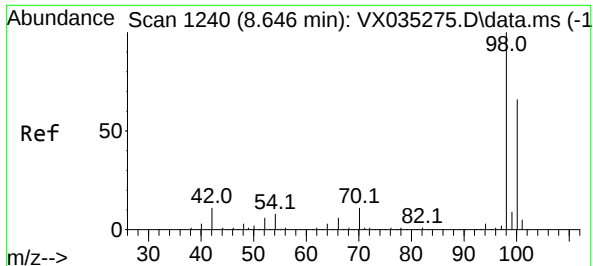
Tgt Ion: 75 Resp: 15076
Ion Ratio Lower Upper
75 100
110 10.6 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.805 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.127 min
Lab File: VX035515.D
Acq: 03 May 2023 17:20

Tgt Ion: 117 Resp: 21644
Ion Ratio Lower Upper
117 100
119 5.3 76.6 114.8#
121 0.0 23.8 35.6#





#50

Toluene-d8

Concen: 50.454 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX035515.D

Acq: 03 May 2023 17:20

Instrument :

MSVOA_X

ClientSampleId :

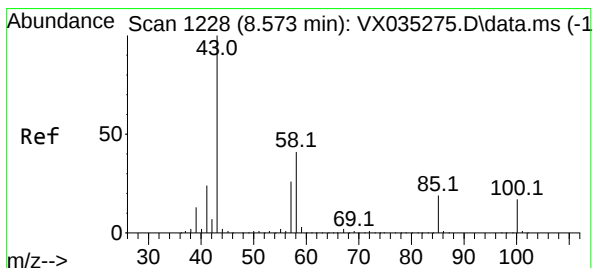
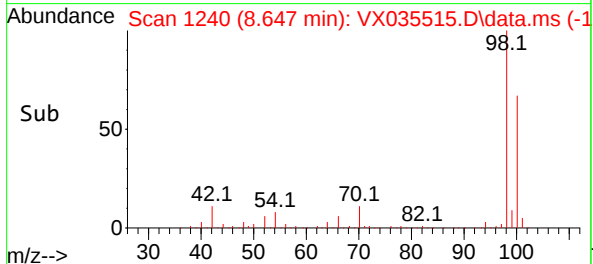
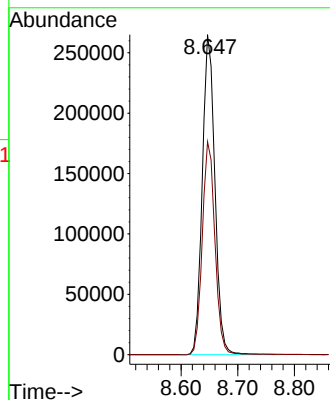
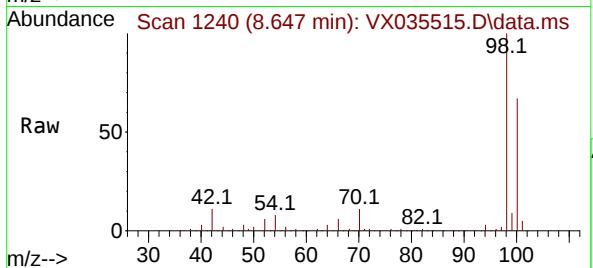
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 98 Resp: 408368

Ion Ratio Lower Upper

98 100

100 66.9 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.496 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.074 min

Lab File: VX035515.D

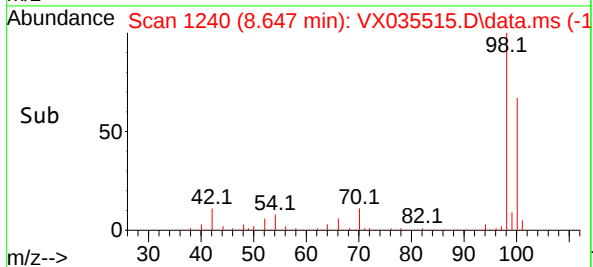
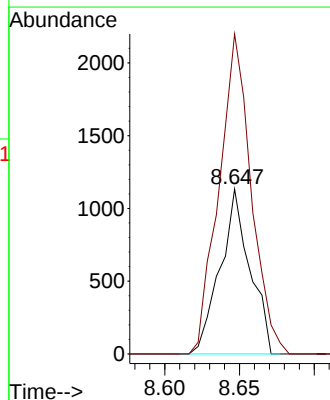
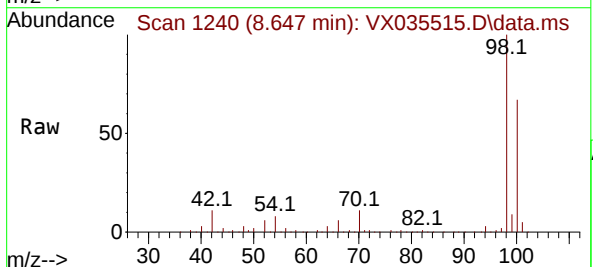
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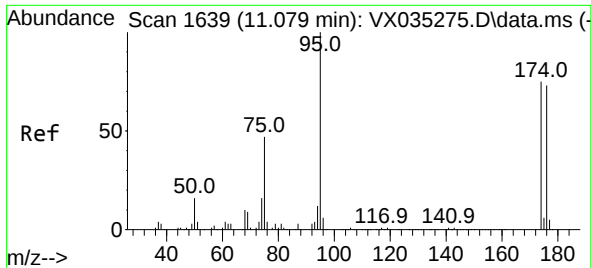
Tgt Ion: 43 Resp: 1567

Ion Ratio Lower Upper

43 100

58 210.1 30.6 46.0#

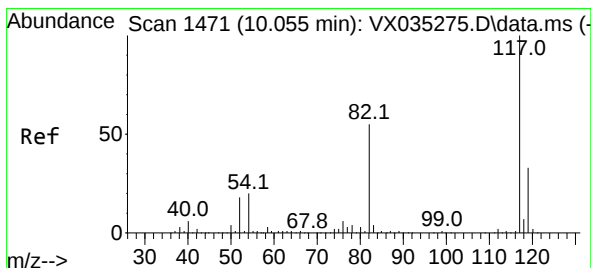
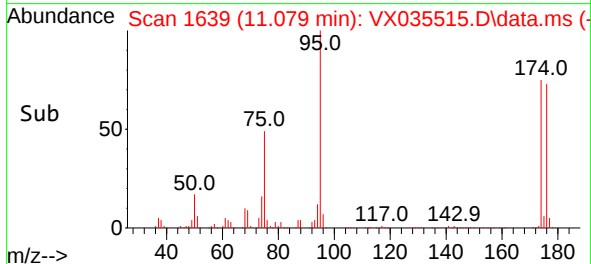
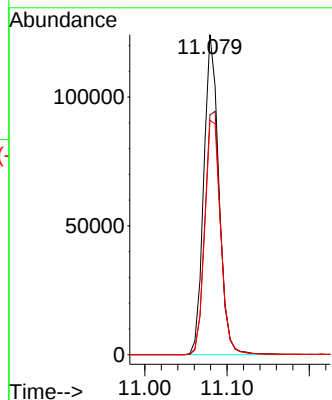
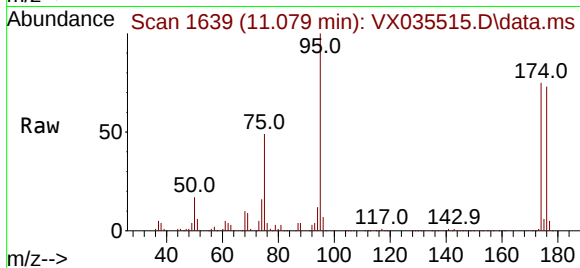




#62
4-Bromofluorobenzene
Concen: 51.931 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035515.D
Acq: 03 May 2023 17:20

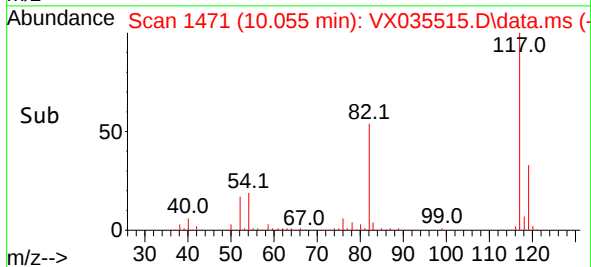
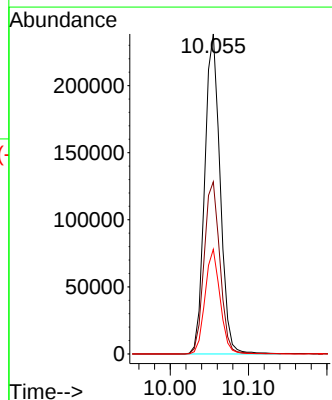
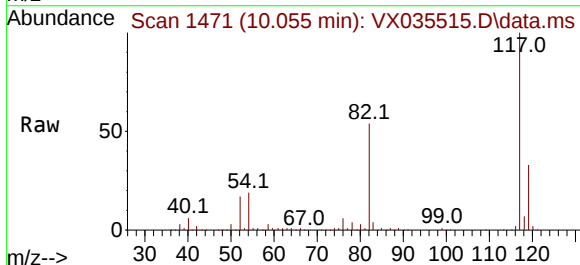
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

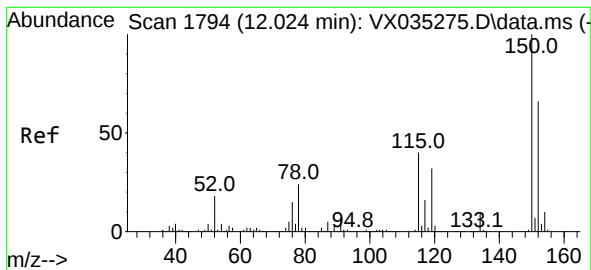
Tgt Ion: 95 Resp: 158120
Ion Ratio Lower Upper
95 100
174 79.6 0.0 147.4
176 77.2 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035515.D
Acq: 03 May 2023 17:20

Tgt Ion: 117 Resp: 325472
Ion Ratio Lower Upper
117 100
82 53.8 45.0 67.4
119 32.7 26.0 39.0

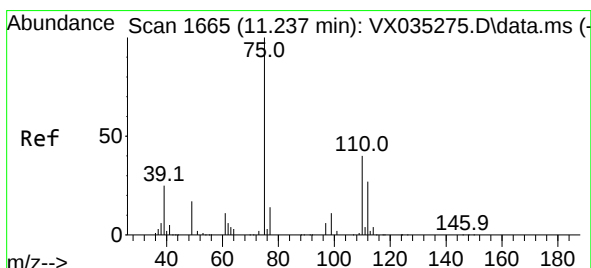
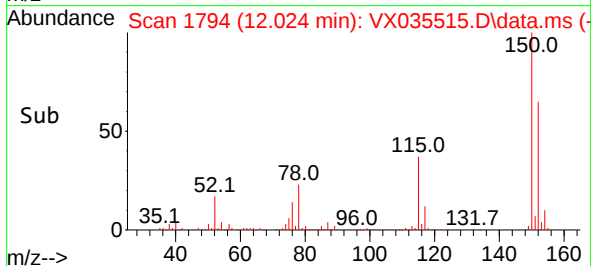
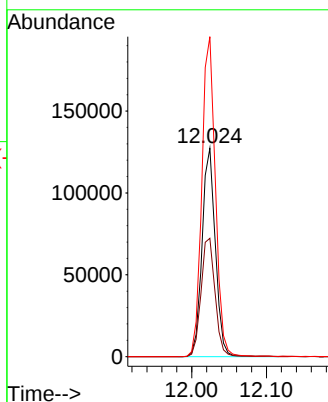
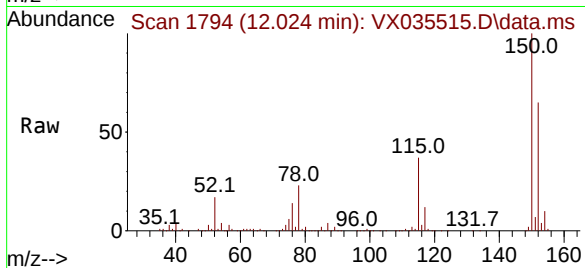




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX035515.D
 Acq: 03 May 2023 17:20

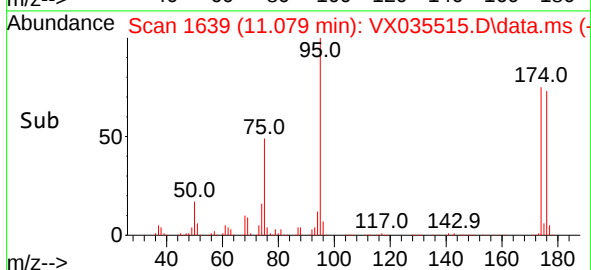
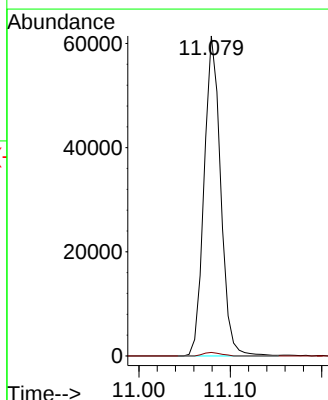
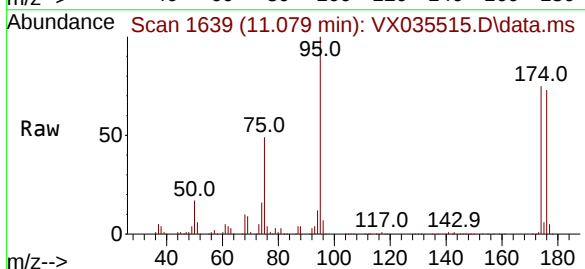
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

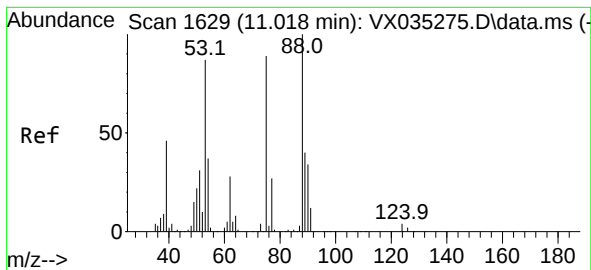
Tgt Ion:152 Resp: 157468
 Ion Ratio Lower Upper
 152 100
 115 60.1 45.0 135.0
 150 156.6 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 24.571 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX035515.D
 Acq: 03 May 2023 17:20

Tgt Ion: 75 Resp: 77182
 Ion Ratio Lower Upper
 75 100
 77 1.2 21.6 64.8#





#81

trans-1,4-Dichloro-2-butene

Concen: 79.582 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.061 min

Lab File: VX035515.D

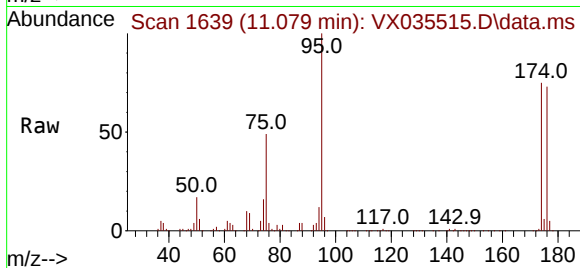
Acq: 03 May 2023 17:20

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG



Tgt Ion: 75 Resp: 77182

Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 36.9 55.3#

