

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032823\
 Data File : VX034806.D
 Acq On : 28 Mar 2023 20:19
 Operator : JC/MD
 Sample : 02098-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

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

Quant Time: Mar 29 04:07:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

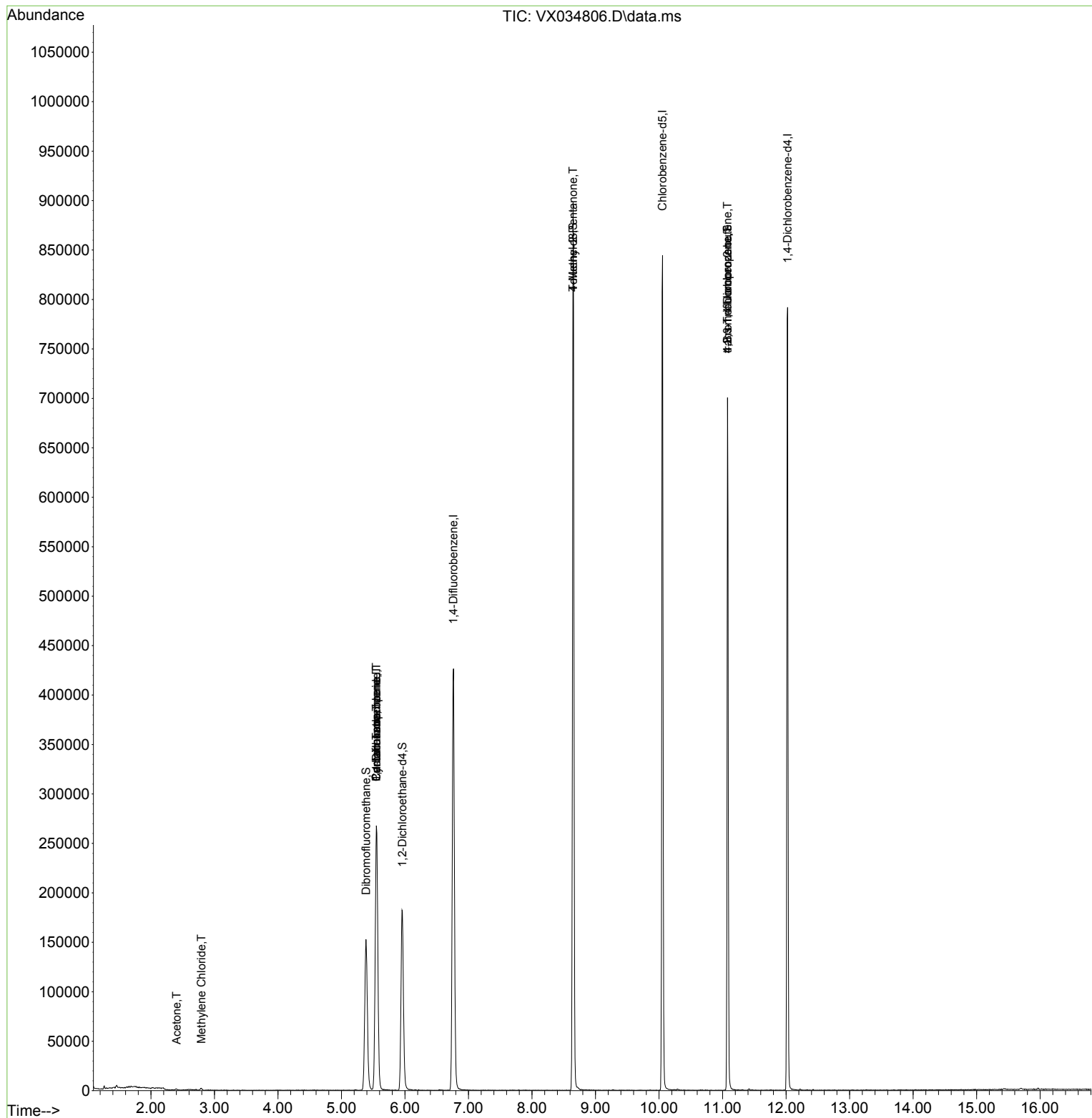
Internal Standards						
1) Pentafluorobenzene	5.550	168	249256	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	425045	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	372884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	160837	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	175540	48.409	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.820%
35) Dibromofluoromethane	5.385	113	129109	46.006	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.020%
50) Toluene-d8	8.647	98	511637	48.838	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.680%
62) 4-Bromofluorobenzene	11.079	95	178884	42.273	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.540%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	378	Below Cal	#	84
16) Acetone	2.404	43	1449	0.848	ug/l #	76
20) Methylene Chloride	2.794	84	946	0.285	ug/l #	73
31) Cyclohexane	5.550	56	6151	1.210	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	20906	4.850	ug/l #	50
38) Carbon Tetrachloride	5.550	117	26465	6.172	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	2810	0.607	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	95802	25.941	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	95802	70.180	ug/l #	8

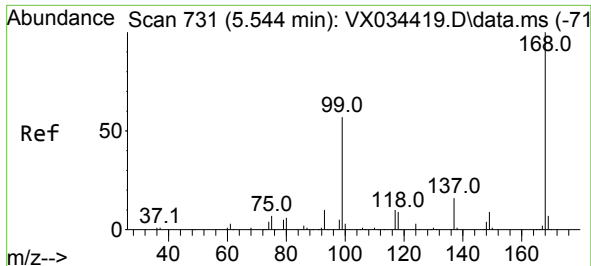
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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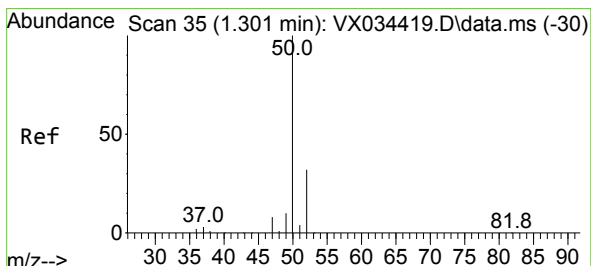
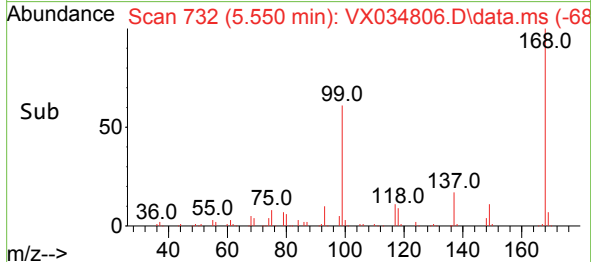
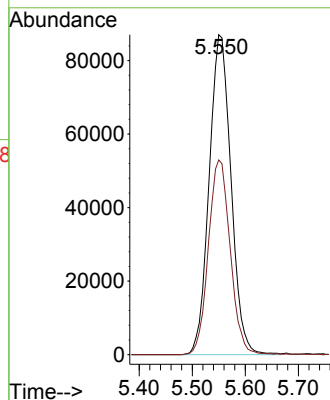
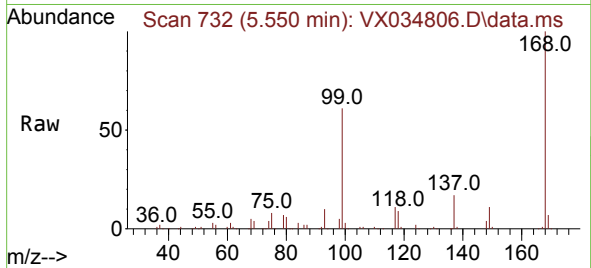




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034806.D
Acq: 28 Mar 2023 20:19

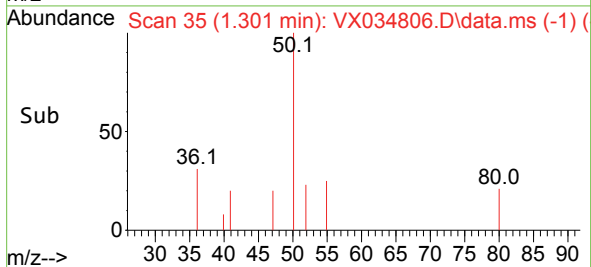
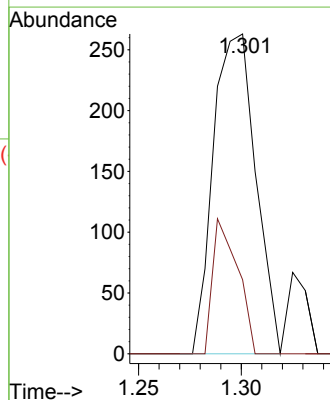
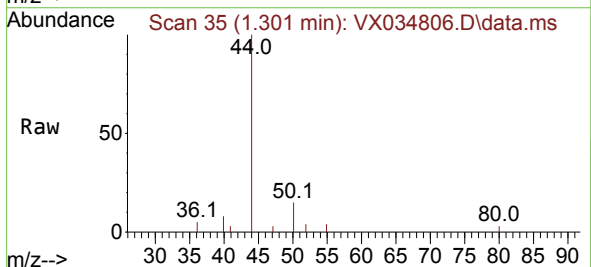
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

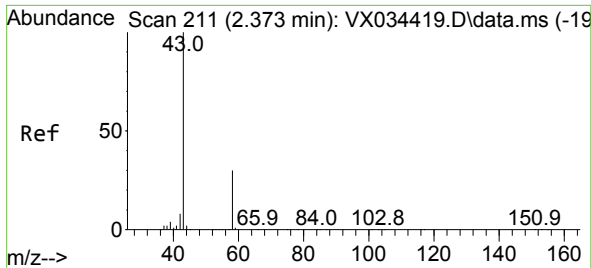
Tgt Ion:168 Resp: 249256
Ion Ratio Lower Upper
168 100
99 60.9 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX034806.D
Acq: 28 Mar 2023 20:19

Tgt Ion: 50 Resp: 378
Ion Ratio Lower Upper
50 100
52 23.2 25.9 38.9#

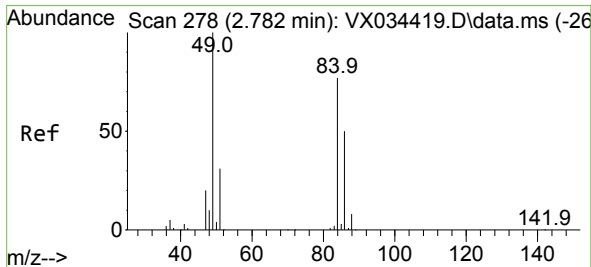
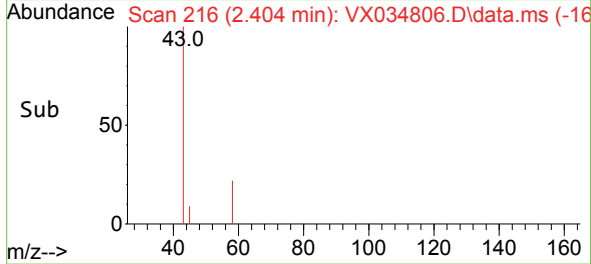
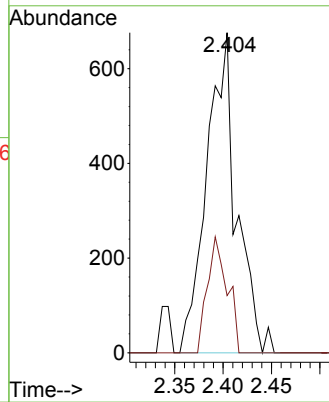
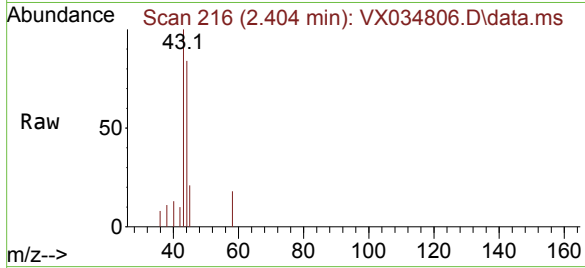




#16
Acetone
Concen: 0.848 ug/l
RT: 2.404 min Scan# 211
Delta R.T. 0.031 min
Lab File: VX034806.D
Acq: 28 Mar 2023 20:19

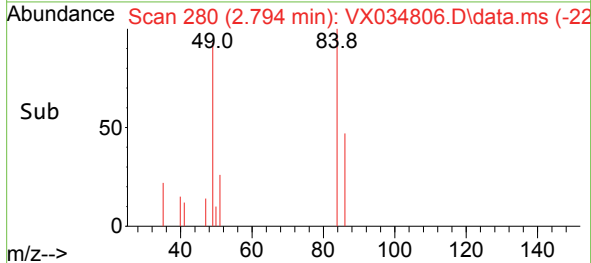
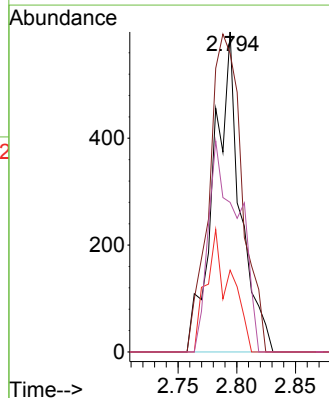
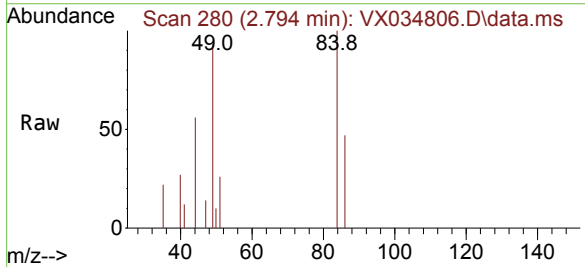
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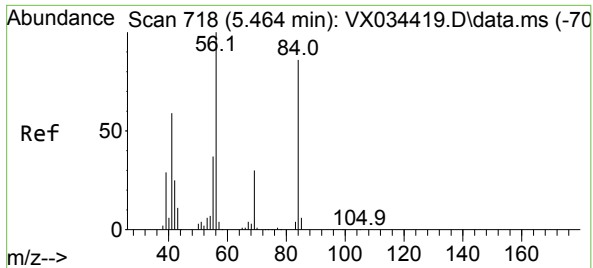
Tgt Ion: 43 Resp: 1449
Ion Ratio Lower Upper
43 100
58 17.9 24.7 37.1#



#20
Methylene Chloride
Concen: 0.285 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.012 min
Lab File: VX034806.D
Acq: 28 Mar 2023 20:19

Tgt Ion: 84 Resp: 946
Ion Ratio Lower Upper
84 100
49 93.3 103.8 155.8#
51 25.5 31.8 47.8#
86 46.7 51.4 77.2#

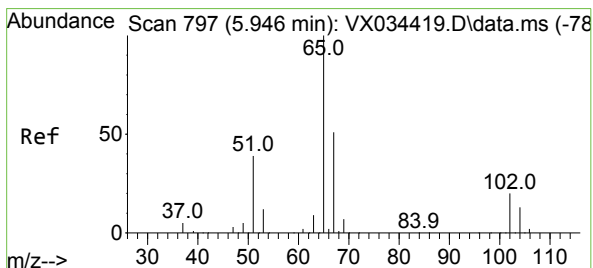
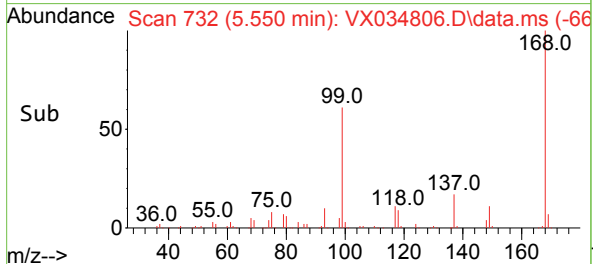
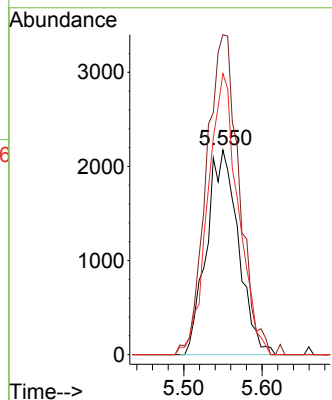
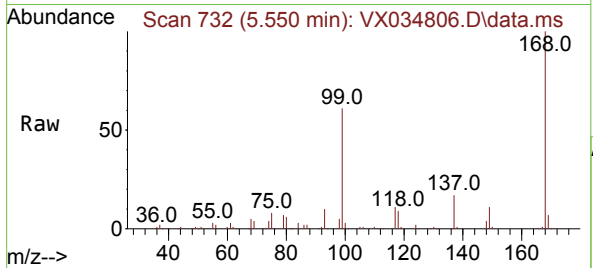




#31
Cyclohexane
Concen: 1.210 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX034806.D
Acq: 28 Mar 2023 20:19

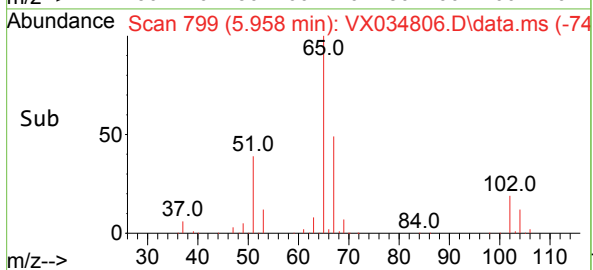
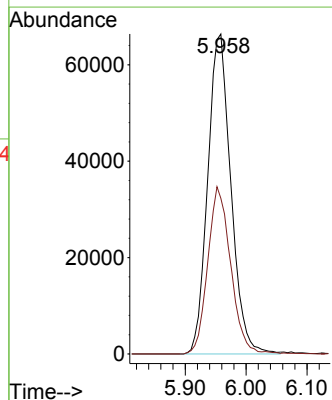
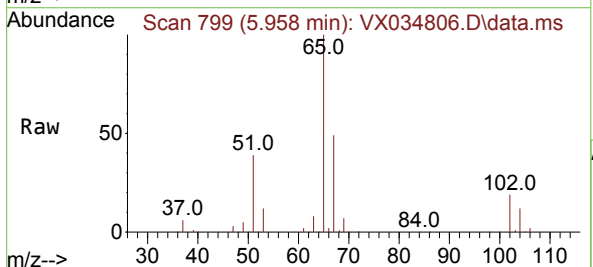
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

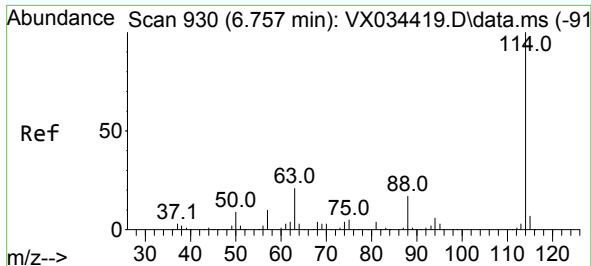
Tgt Ion: 56 Resp: 6151
Ion Ratio Lower Upper
56 100
69 151.7 23.7 35.5#
84 137.4 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 48.409 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.012 min
Lab File: VX034806.D
Acq: 28 Mar 2023 20:19

Tgt Ion: 65 Resp: 175540
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX034806.D

Acq: 28 Mar 2023 20:19

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

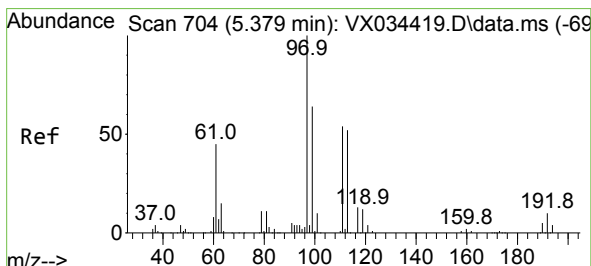
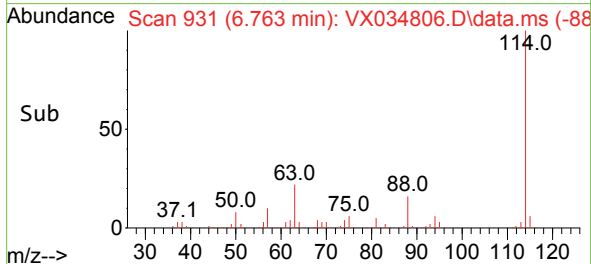
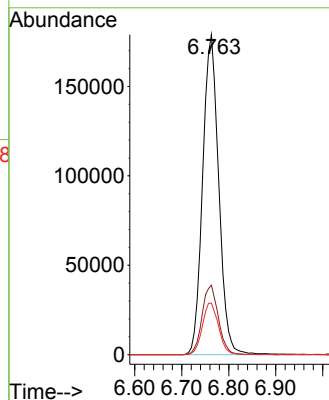
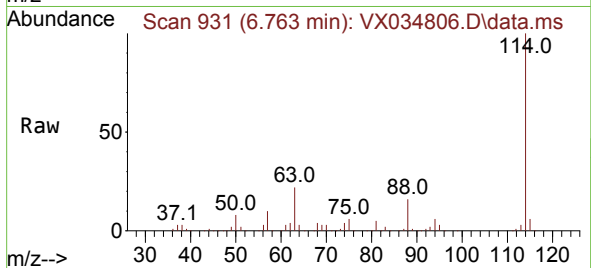
Tgt Ion:114 Resp: 425045

Ion Ratio Lower Upper

114 100

63 21.7 0.0 42.2

88 16.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 46.006 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX034806.D

Acq: 28 Mar 2023 20:19

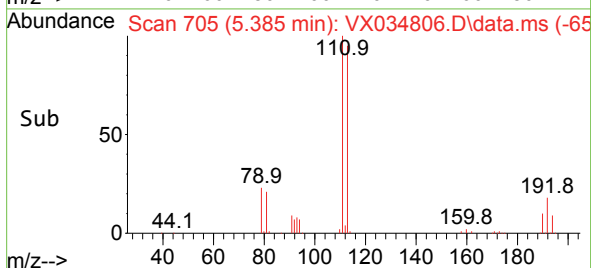
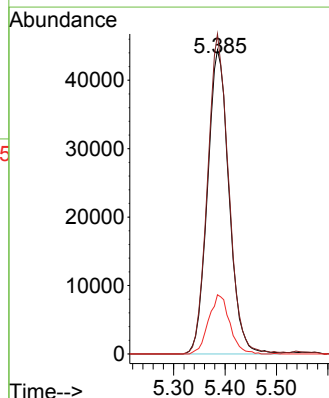
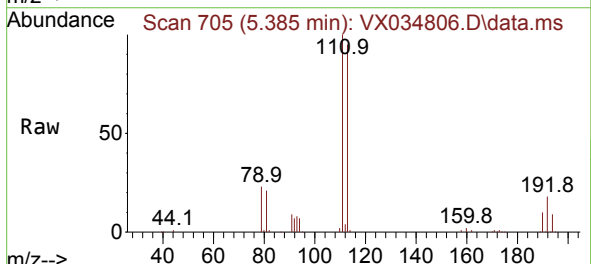
Tgt Ion:113 Resp: 129109

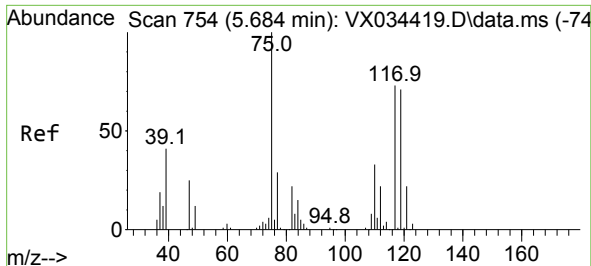
Ion Ratio Lower Upper

113 100

111 103.2 83.7 125.5

192 19.1 15.4 23.2

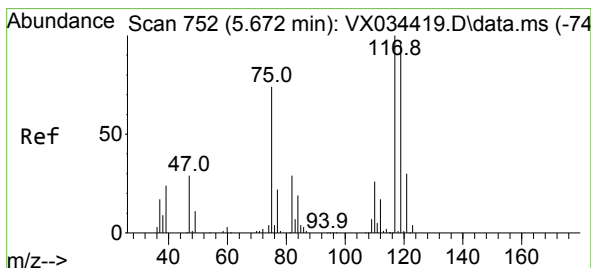
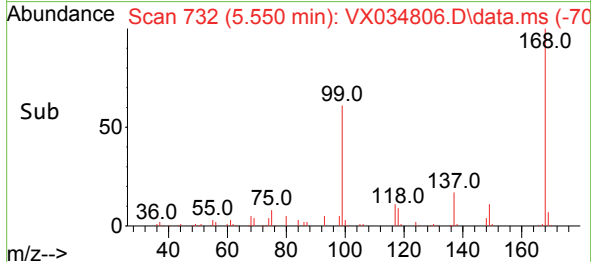
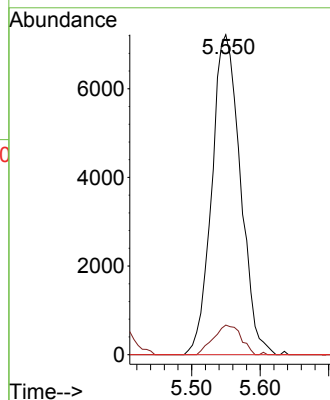
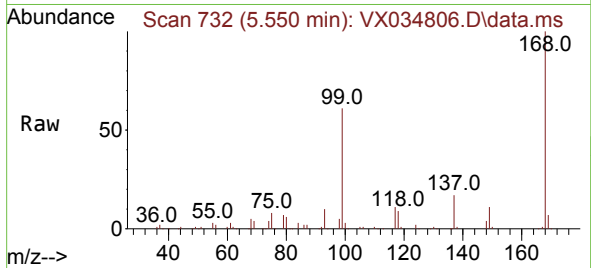




#36
1,1-Dichloropropene
Concen: 4.850 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.134 min
Lab File: VX034806.D
Acq: 28 Mar 2023 20:19

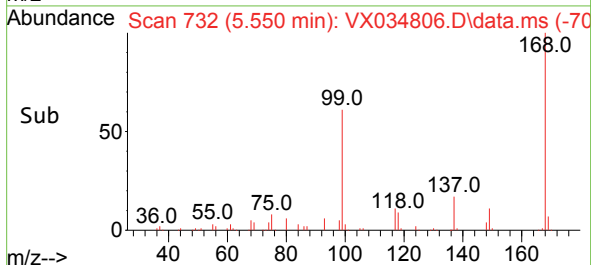
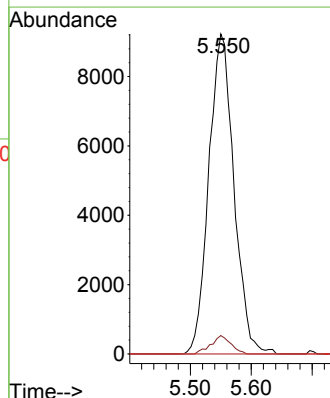
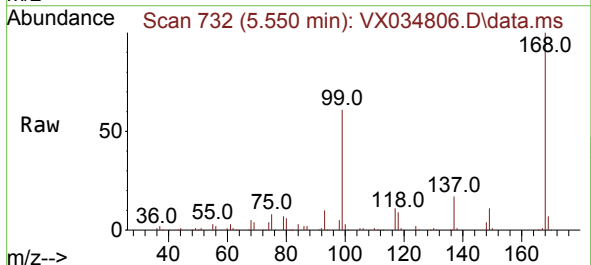
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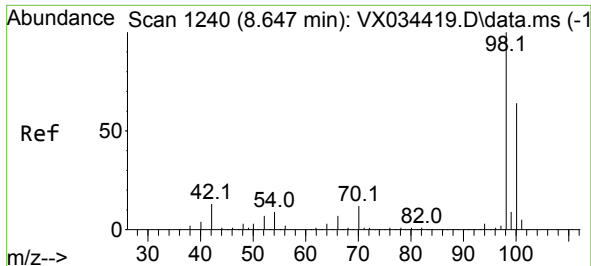
Tgt Ion: 75 Resp: 20906
Ion Ratio Lower Upper
75 100
110 8.9 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.172 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX034806.D
Acq: 28 Mar 2023 20:19

Tgt Ion: 117 Resp: 26465
Ion Ratio Lower Upper
117 100
119 5.7 76.6 114.8#
121 0.0 23.8 35.6#

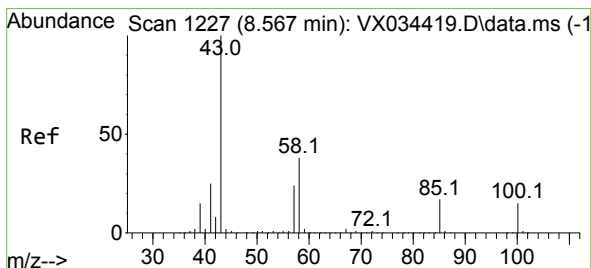
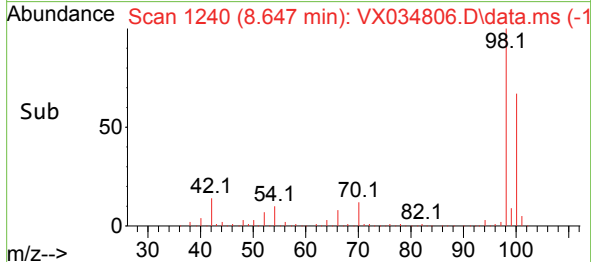
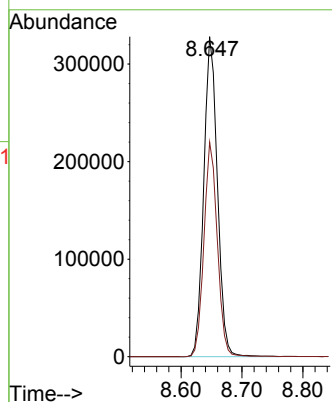
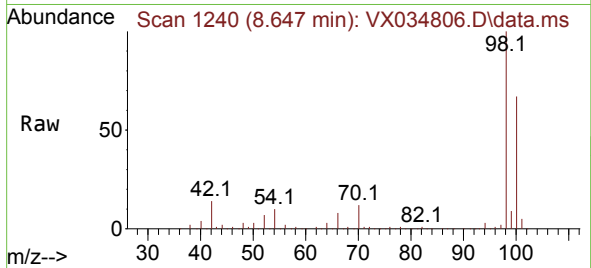




#50
Toluene-d8
Concen: 48.838 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034806.D
Acq: 28 Mar 2023 20:19

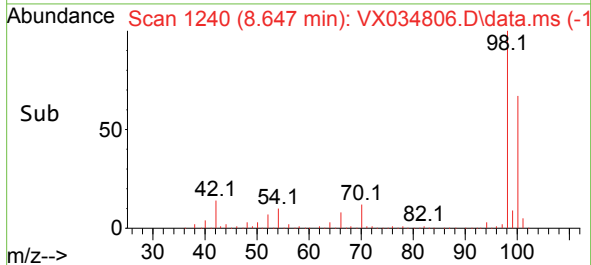
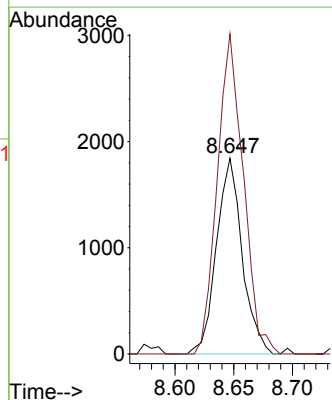
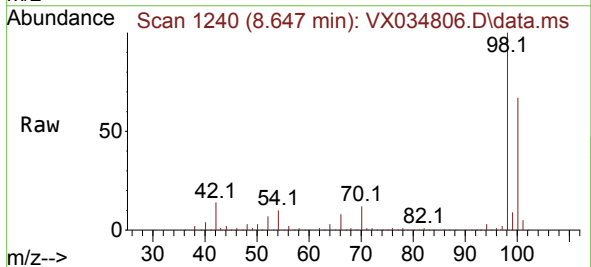
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ClientSampleId : STORAGE-BLANK-SAMPLE-MANAG

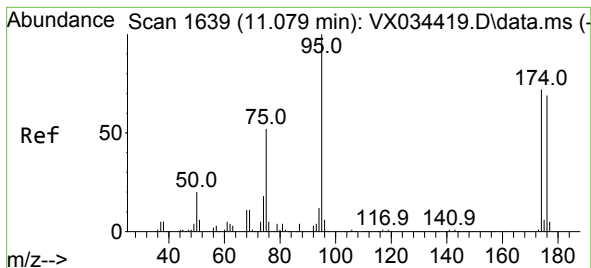
Tgt Ion: 98 Resp: 511637
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.607 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.079 min
Lab File: VX034806.D
Acq: 28 Mar 2023 20:19

Tgt Ion: 43 Resp: 2810
Ion Ratio Lower Upper
43 100
58 165.6 30.6 46.0#

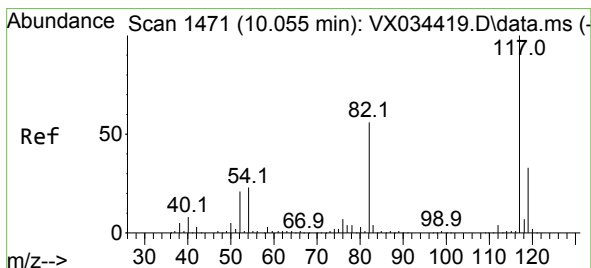
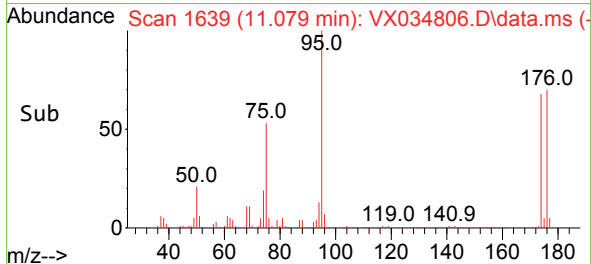
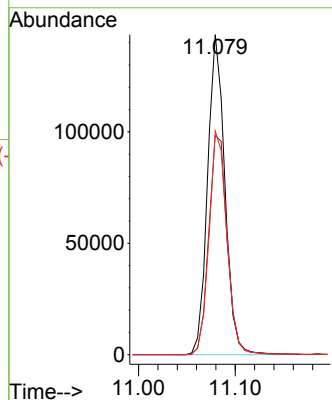
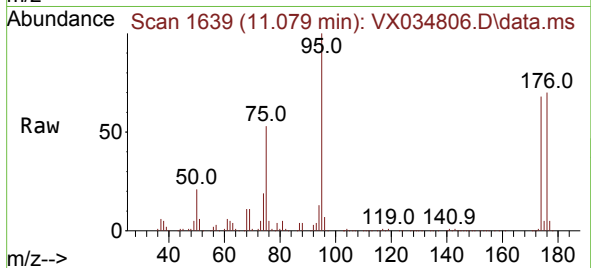




#62
4-Bromofluorobenzene
Concen: 42.273 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034806.D
Acq: 28 Mar 2023 20:19

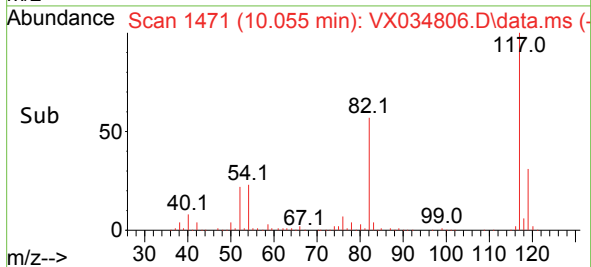
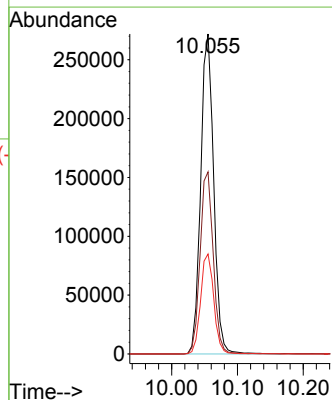
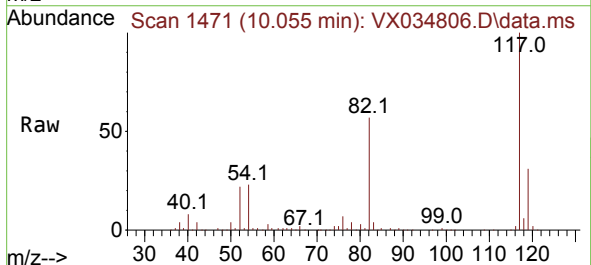
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

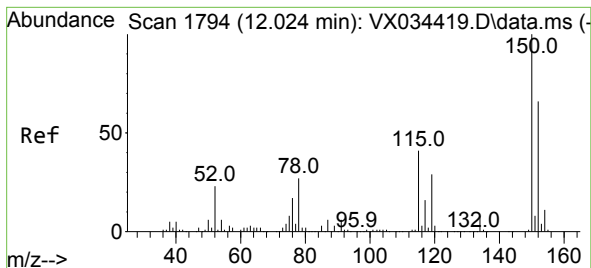
Tgt Ion: 95 Resp: 178884
Ion Ratio Lower Upper
95 100
174 73.2 0.0 147.4
176 71.7 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034806.D
Acq: 28 Mar 2023 20:19

Tgt Ion: 117 Resp: 372884
Ion Ratio Lower Upper
117 100
82 56.9 45.0 67.4
119 31.2 26.0 39.0

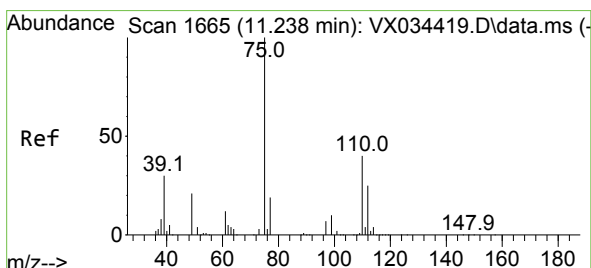
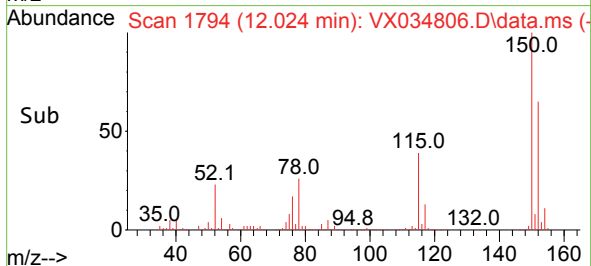
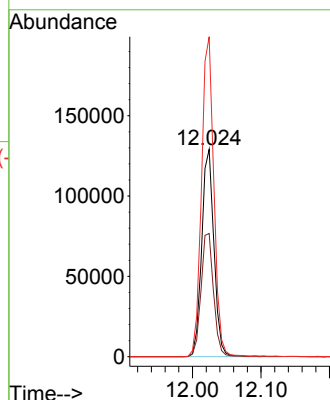
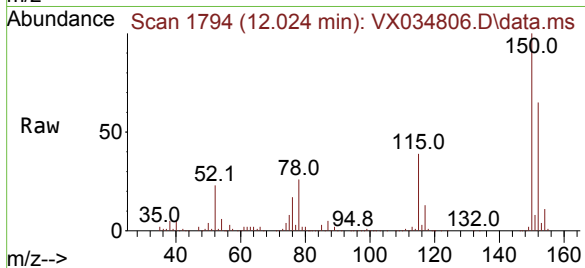




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034806.D
Acq: 28 Mar 2023 20:19

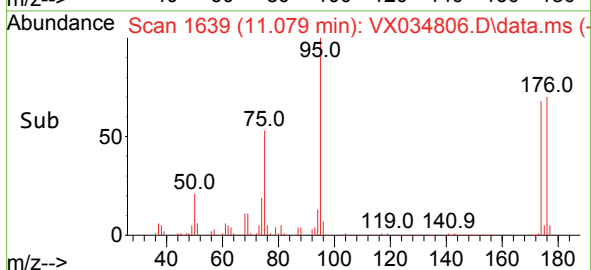
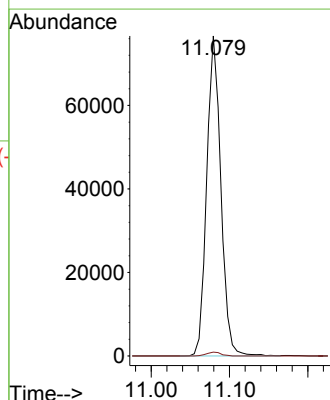
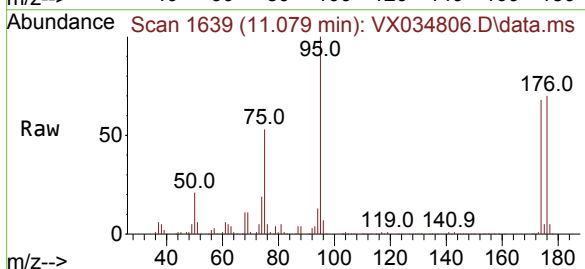
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

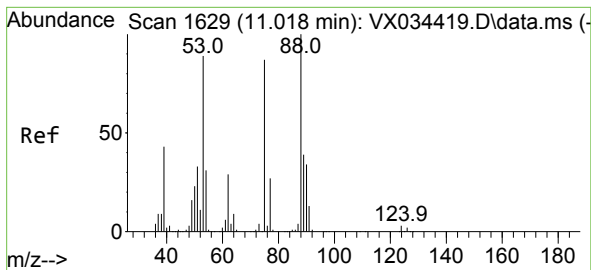
Tgt Ion:152 Resp: 160837
Ion Ratio Lower Upper
152 100
115 60.9 45.0 135.0
150 155.3 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 25.941 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034806.D
Acq: 28 Mar 2023 20:19

Tgt Ion: 75 Resp: 95802
Ion Ratio Lower Upper
75 100
77 1.2 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.180 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034806.D
 Acq: 28 Mar 2023 20:19

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

Tgt Ion: 75 Resp: 95802
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

