

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101323\
 Data File : VX038286.D
 Acq On : 13 Oct 2023 15:52
 Operator : JC/MD
 Sample : 04889-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Oct 13 23:13:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

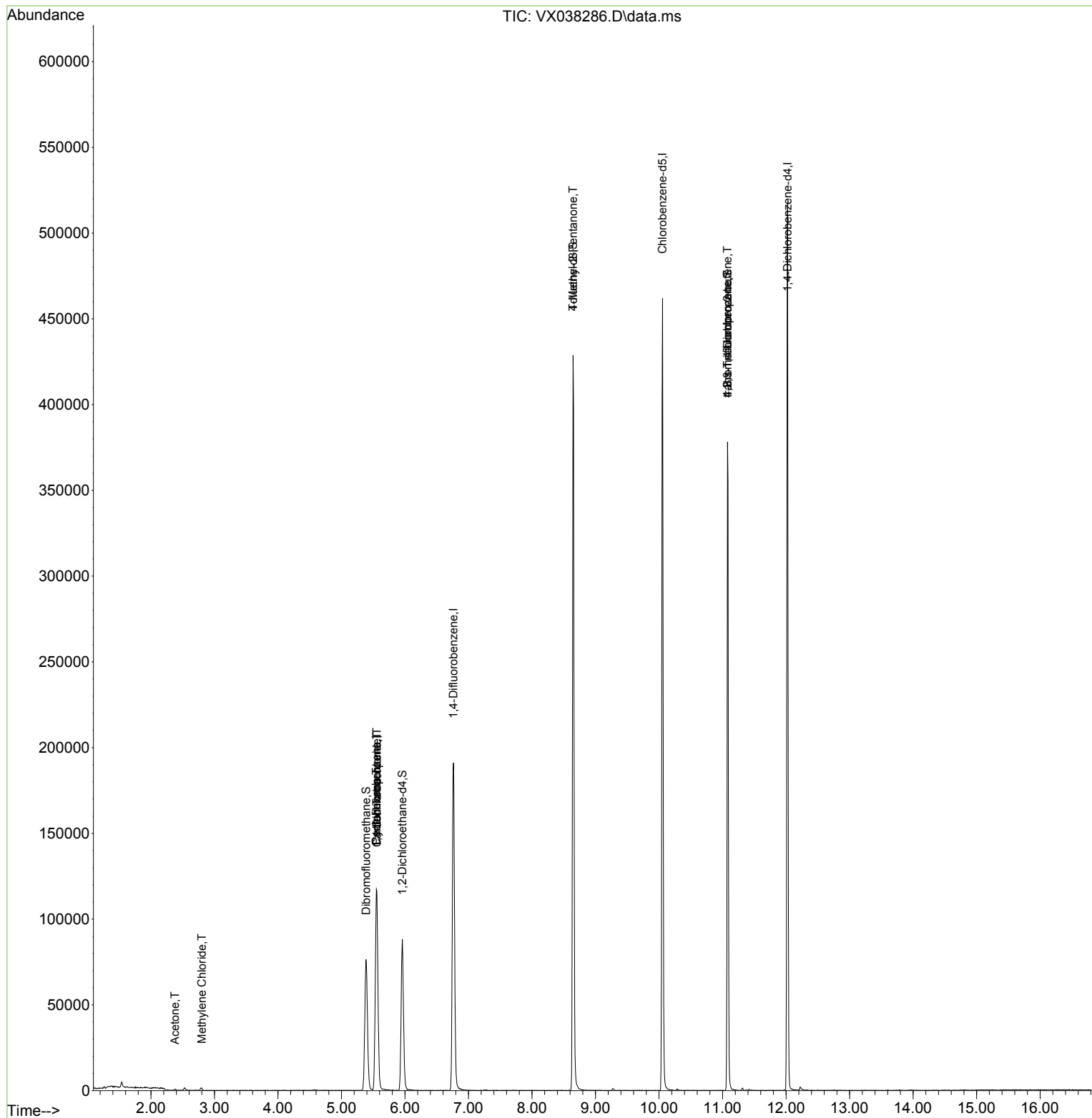
Internal Standards						
1) Pentafluorobenzene	5.550	168	110106	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	198934	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208077	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107425	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83058	46.899	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.800%
35) Dibromofluoromethane	5.385	113	64850	45.241	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.480%
50) Toluene-d8	8.647	98	255839	46.707	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.420%
62) 4-Bromofluorobenzene	11.079	95	97903	47.146	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.300%
Target Compounds						
						Qvalue
5) Bromomethane	1.618	94	42	Below Cal	#	3
6) Chloroethane	1.678	64	169	Below Cal	#	43
11) Tert butyl alcohol	2.953	59	30	Below Cal	#	78
16) Acetone	2.380	43	746	1.009	ug/l	91
20) Methylene Chloride	2.800	84	811	0.583	ug/l	# 67
31) Cyclohexane	5.550	56	2712	1.413	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	9519	4.816	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	11821	6.079	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.647	43	1240	0.513	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	53813	22.035	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	53813	63.184	ug/l	# 5

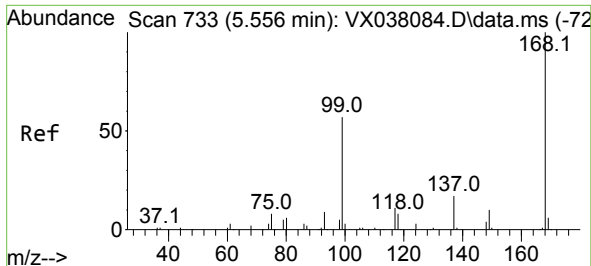
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101323\
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Quant Time: Oct 13 23:13:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration

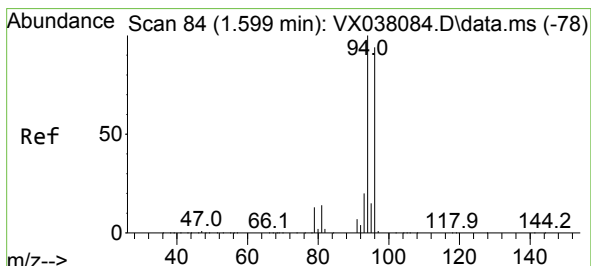
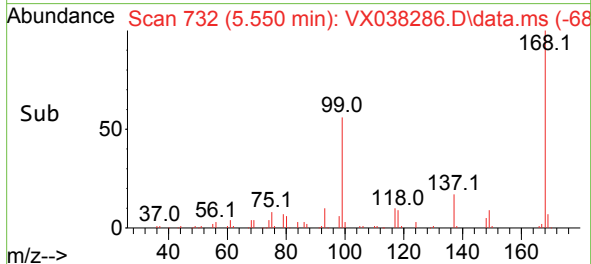
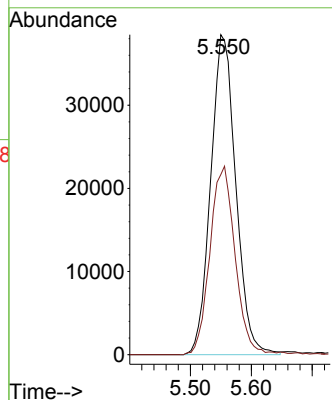
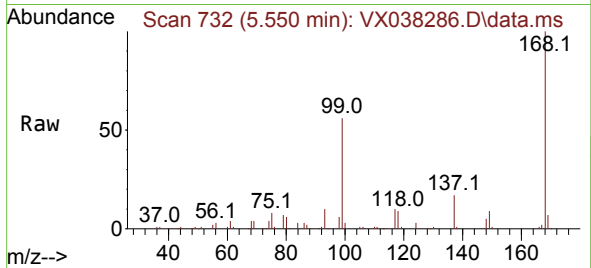




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038286.D
Acq: 13 Oct 2023 15:52

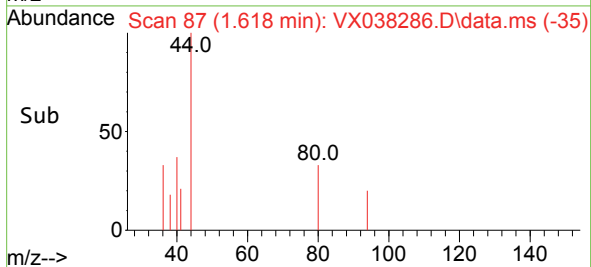
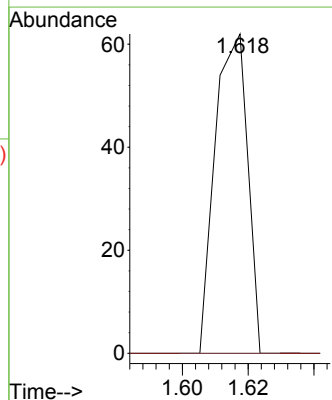
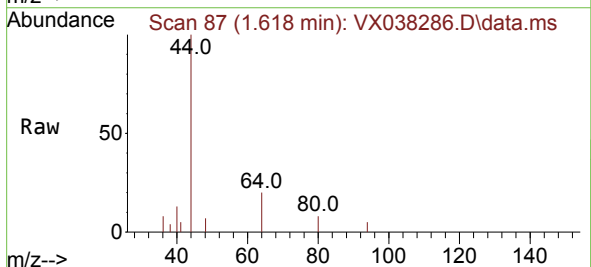
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

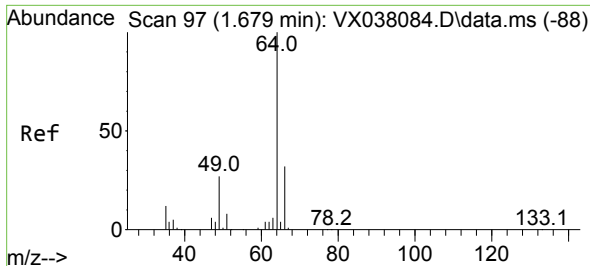
Tgt Ion:168 Resp: 110106
Ion Ratio Lower Upper
168 100
99 56.3 56.6 85.0#



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX038286.D
Acq: 13 Oct 2023 15:52

Tgt Ion: 94 Resp: 42
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

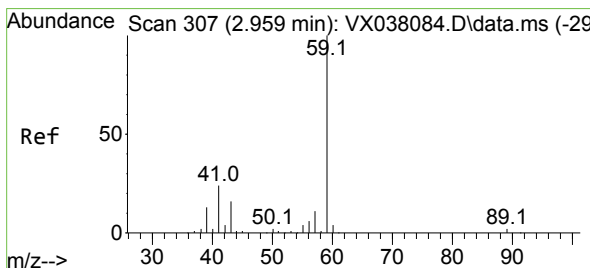
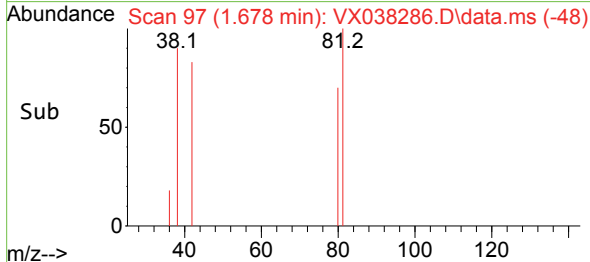
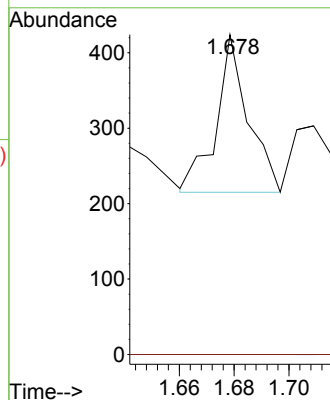
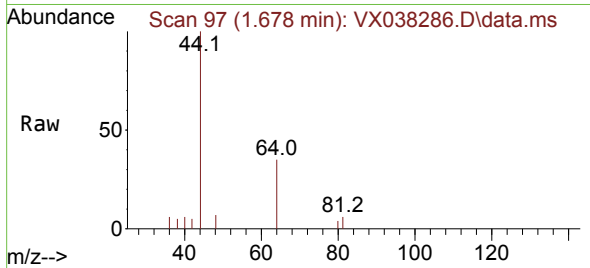




#6
Chloroethane
Concen: Below Cal
RT: 1.678 min Scan# 91
Delta R.T. -0.001 min
Lab File: VX038286.D
Acq: 13 Oct 2023 15:52

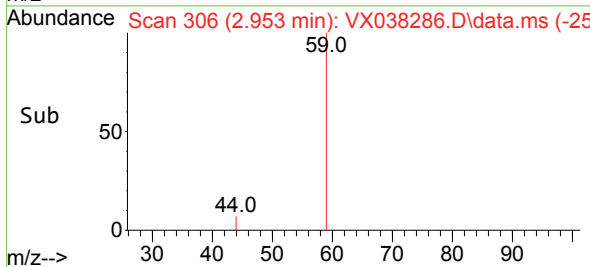
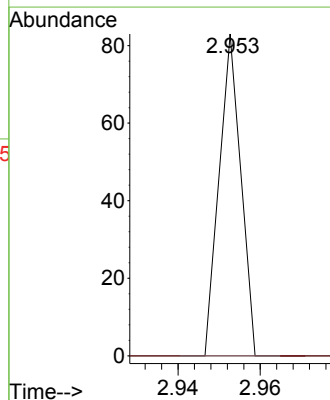
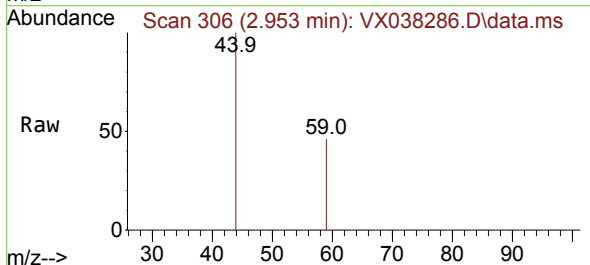
Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-SAMPLE-MANAG

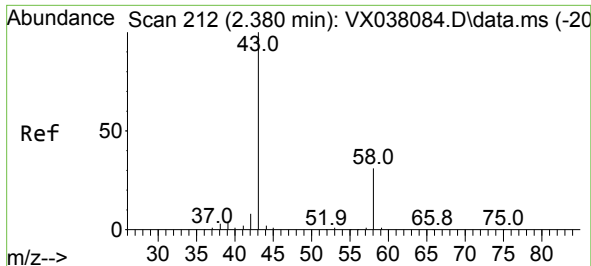
Tgt Ion: 64 Resp: 169
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX038286.D
Acq: 13 Oct 2023 15:52

Tgt Ion: 59 Resp: 30
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

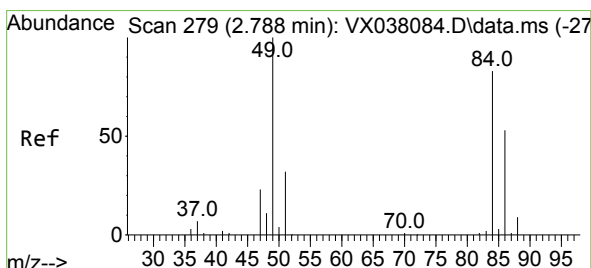
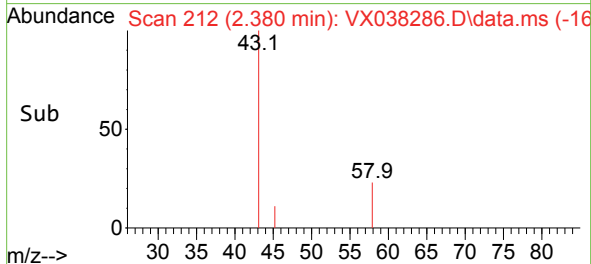
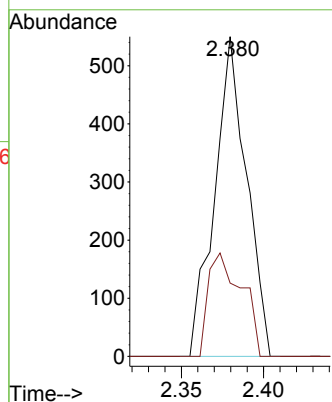
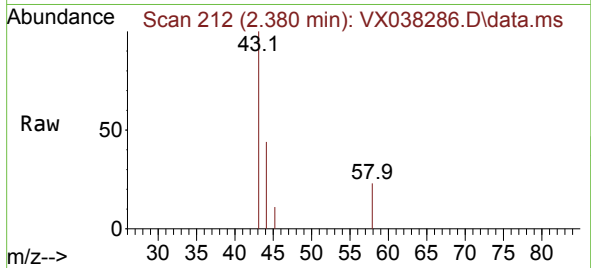




#16
Acetone
Concen: 1.009 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038286.D
Acq: 13 Oct 2023 15:52

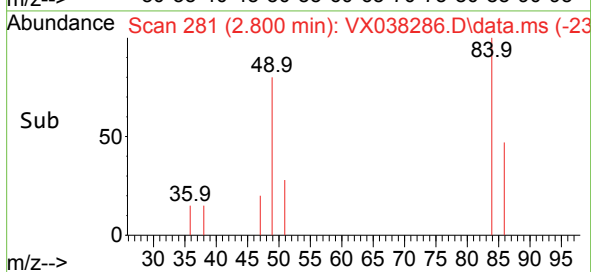
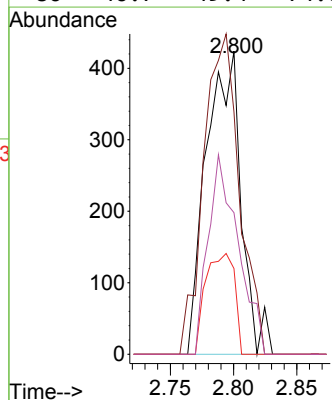
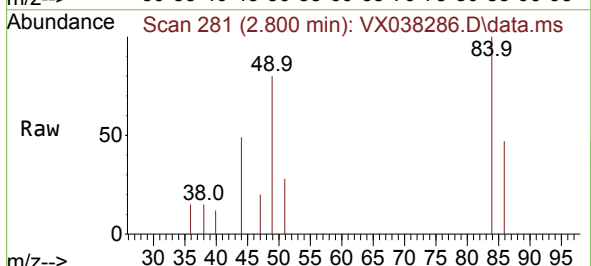
Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-SAMPLE-MANAG

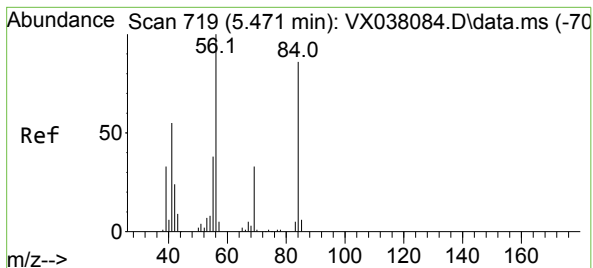
Tgt Ion: 43 Resp: 746
Ion Ratio Lower Upper
43 100
58 22.9 21.9 32.9



#20
Methylene Chloride
Concen: 0.583 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX038286.D
Acq: 13 Oct 2023 15:52

Tgt Ion: 84 Resp: 811
Ion Ratio Lower Upper
84 100
49 80.0 103.6 155.4#
51 28.3 33.8 50.6#
86 46.7 49.4 74.0#





#31

Cyclohexane

Concen: 1.413 ug/l

RT: 5.550 min Scan# 719

Delta R.T. 0.079 min

Lab File: VX038286.D

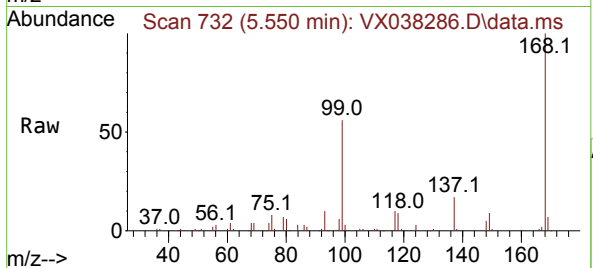
Acq: 13 Oct 2023 15:52

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG



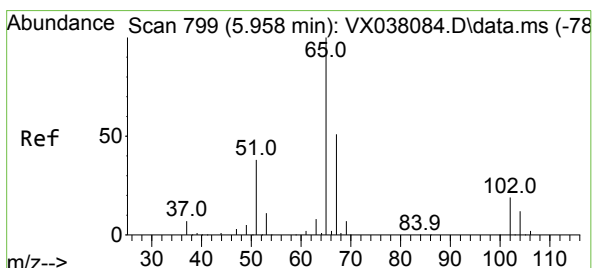
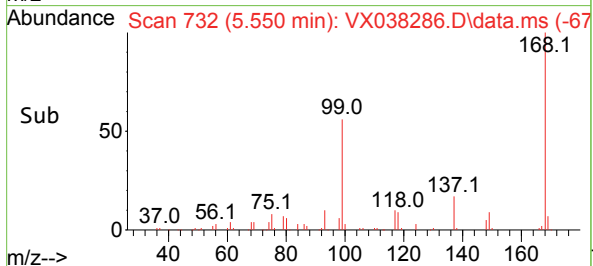
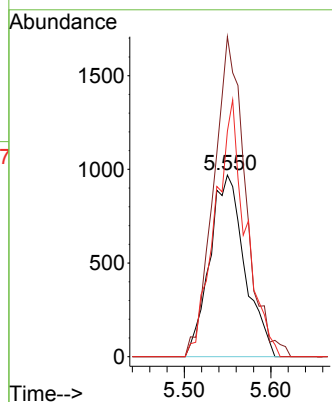
Tgt Ion: 56 Resp: 2712

Ion Ratio Lower Upper

56 100

69 176.3 23.4 35.2#

84 124.1 65.9 98.9#



#33

1,2-Dichloroethane-d4

Concen: 46.899 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038286.D

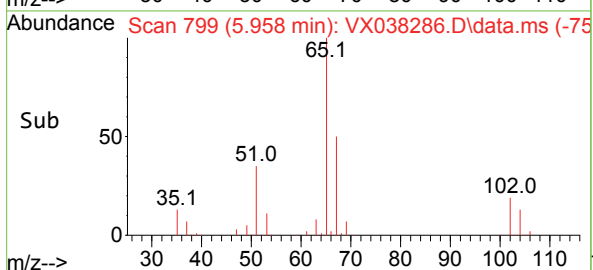
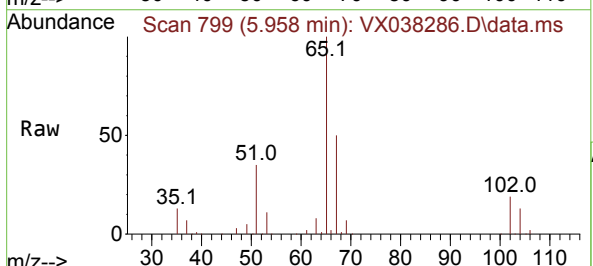
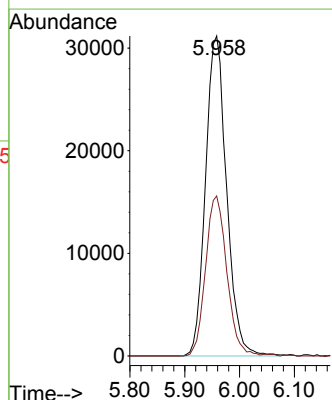
Acq: 13 Oct 2023 15:52

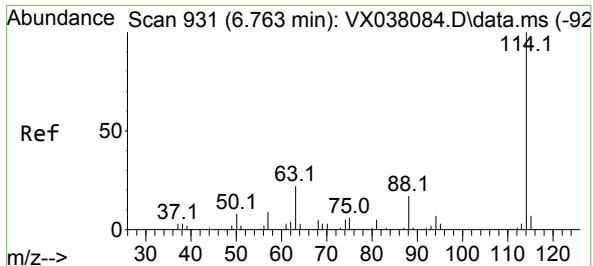
Tgt Ion: 65 Resp: 83058

Ion Ratio Lower Upper

65 100

67 50.4 0.0 100.2

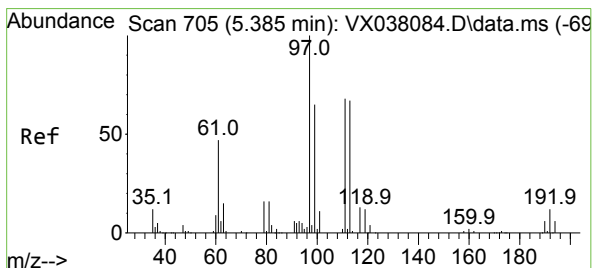
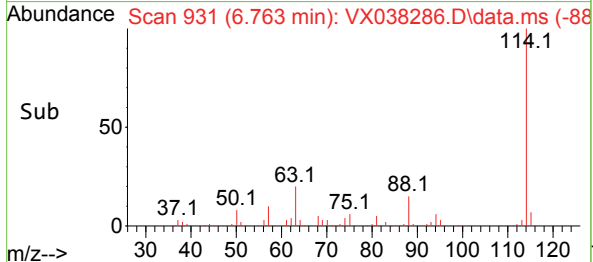
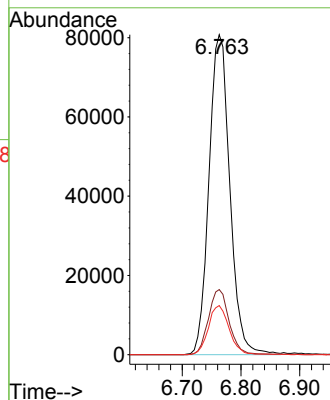
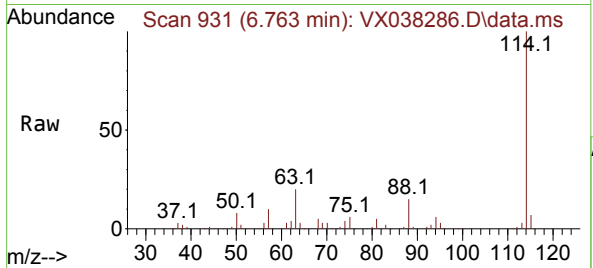




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038286.D
Acq: 13 Oct 2023 15:52

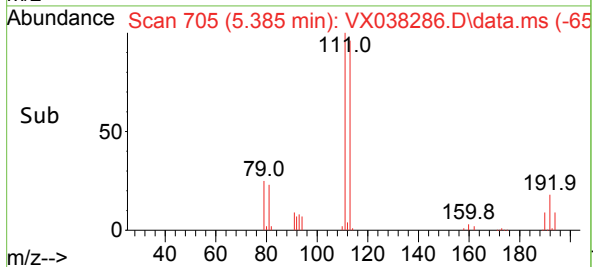
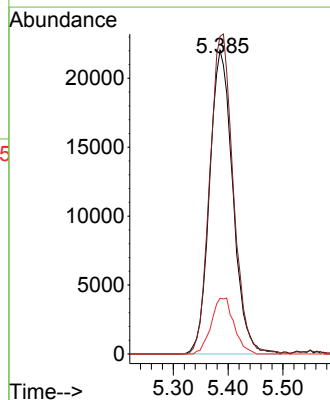
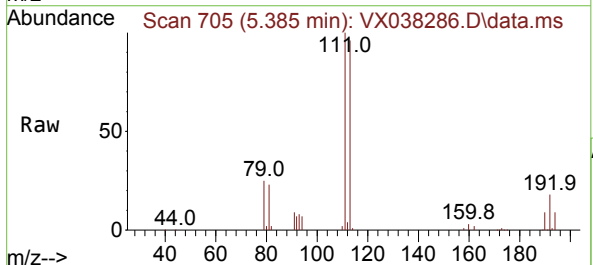
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

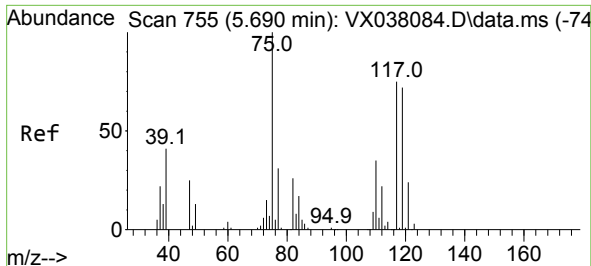
Tgt Ion:114 Resp: 198934
Ion Ratio Lower Upper
114 100
63 20.3 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.241 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038286.D
Acq: 13 Oct 2023 15:52

Tgt Ion:113 Resp: 64850
Ion Ratio Lower Upper
113 100
111 106.1 82.9 124.3
192 18.0 13.3 19.9

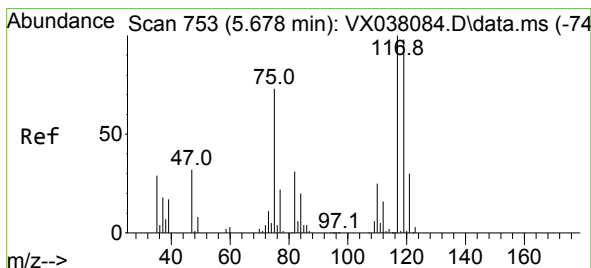
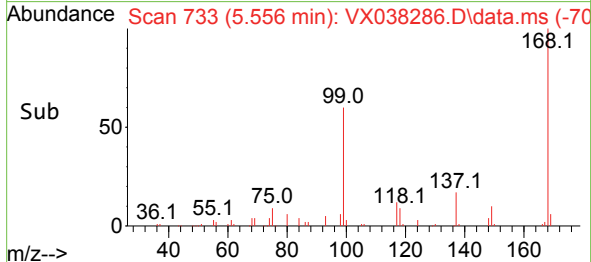
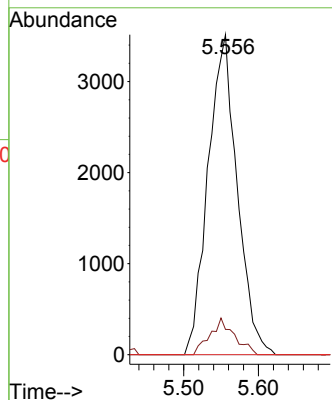
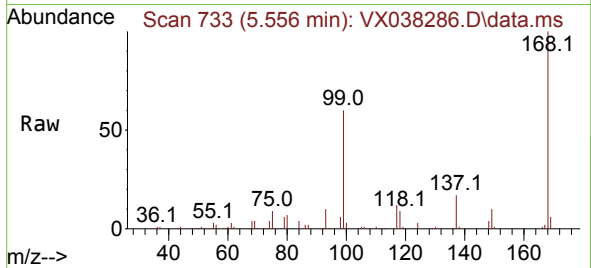




#36
1,1-Dichloropropene
Concen: 4.816 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX038286.D
Acq: 13 Oct 2023 15:52

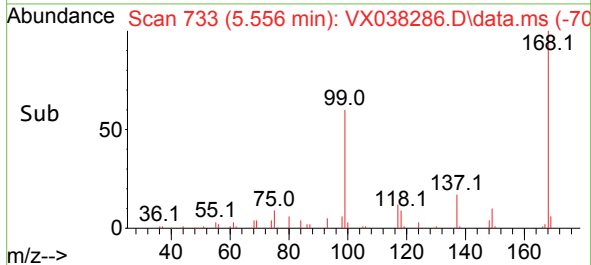
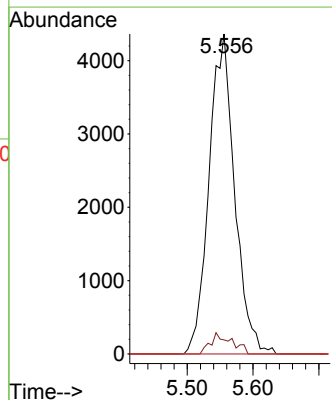
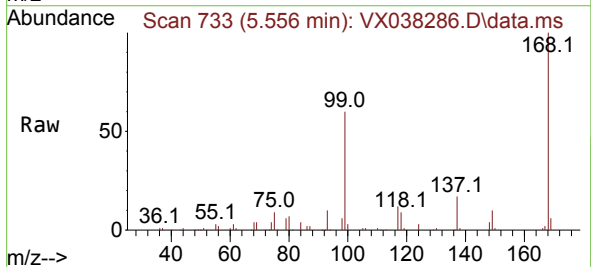
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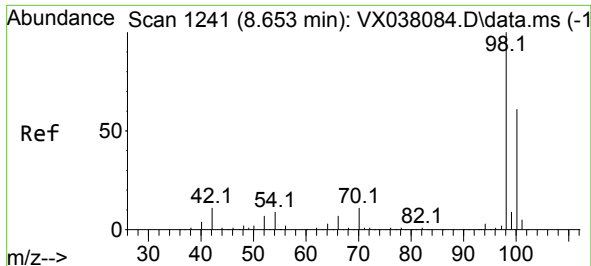
Tgt Ion: 75 Resp: 9519
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.079 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX038286.D
Acq: 13 Oct 2023 15:52

Tgt Ion: 117 Resp: 11821
Ion Ratio Lower Upper
117 100
119 4.4 78.2 117.2#
121 0.0 24.4 36.6#

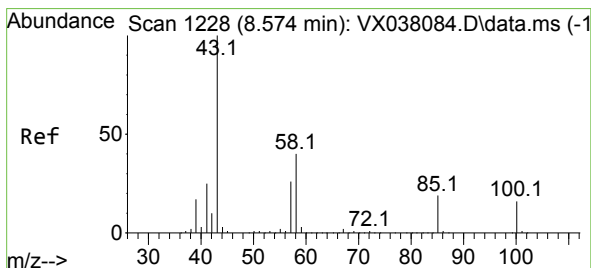
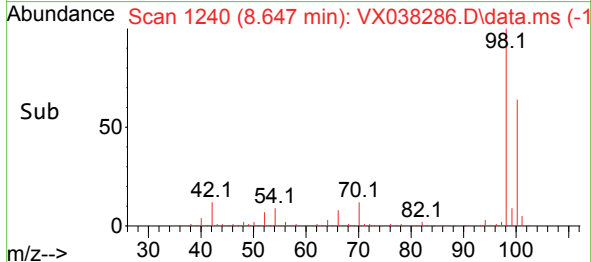
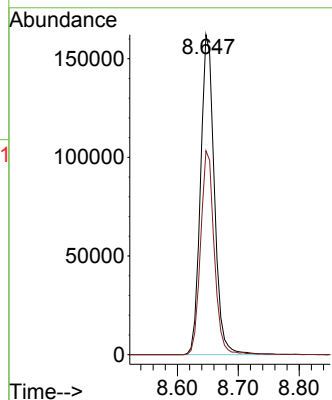
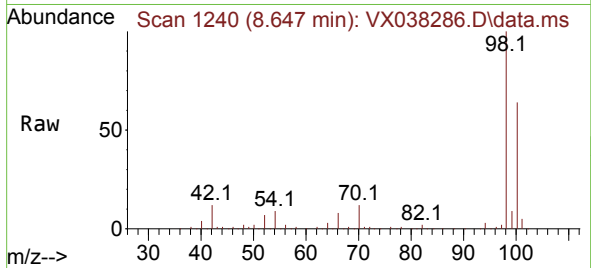




#50
Toluene-d8
Concen: 46.707 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038286.D
Acq: 13 Oct 2023 15:52

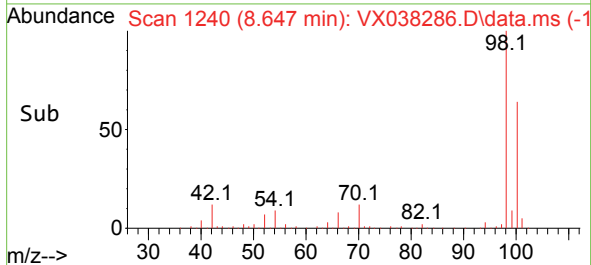
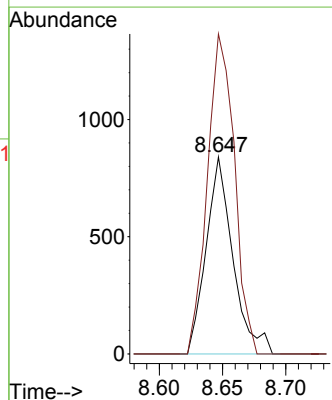
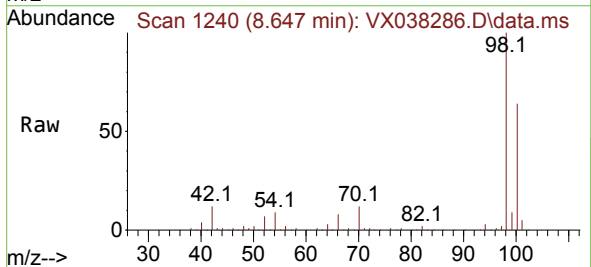
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

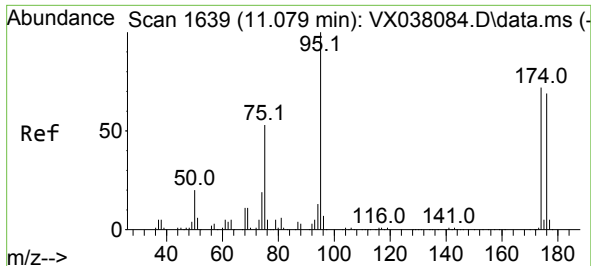
Tgt Ion: 98 Resp: 255839
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.513 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038286.D
Acq: 13 Oct 2023 15:52

Tgt Ion: 43 Resp: 1240
Ion Ratio Lower Upper
43 100
58 164.0 30.4 45.6#

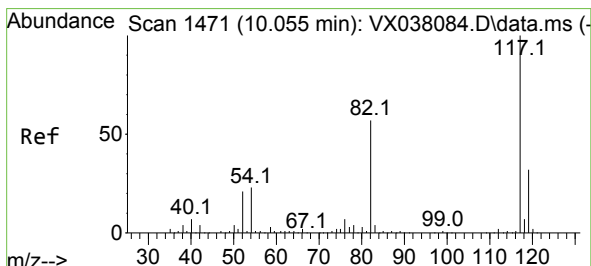
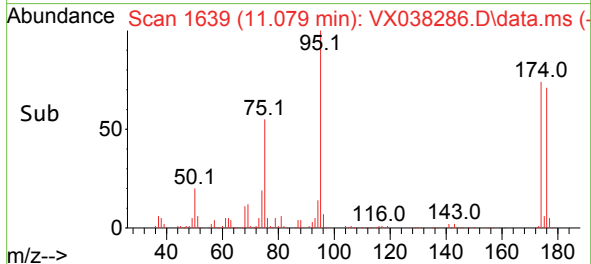
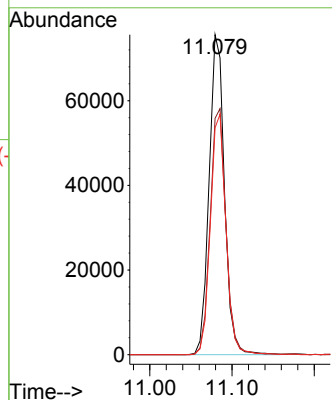
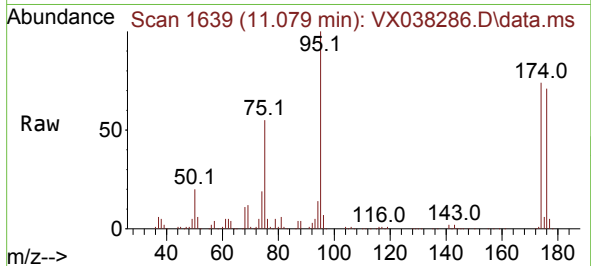




#62
4-Bromofluorobenzene
Concen: 47.146 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038286.D
Acq: 13 Oct 2023 15:52

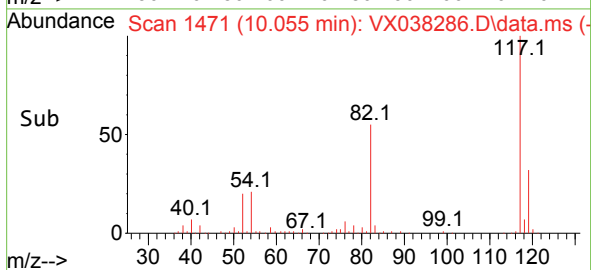
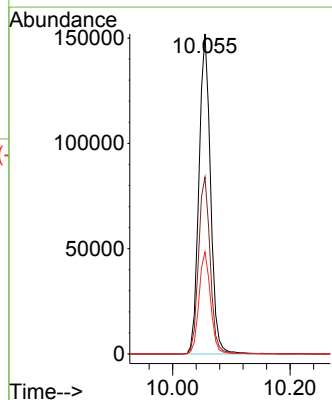
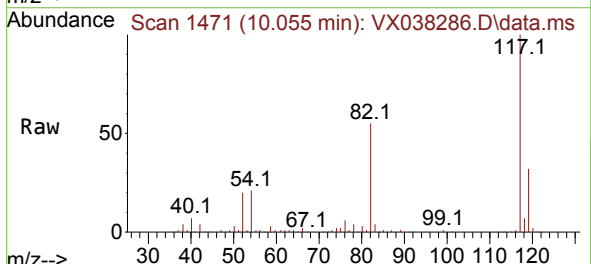
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ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

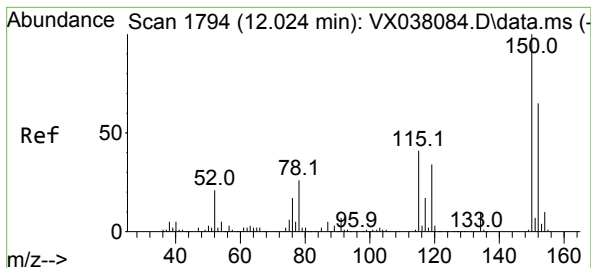
Tgt Ion: 95 Resp: 97903
Ion Ratio Lower Upper
95 100
174 79.2 0.0 135.6
176 76.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038286.D
Acq: 13 Oct 2023 15:52

Tgt Ion: 117 Resp: 208077
Ion Ratio Lower Upper
117 100
82 55.2 46.2 69.4
119 31.9 25.5 38.3

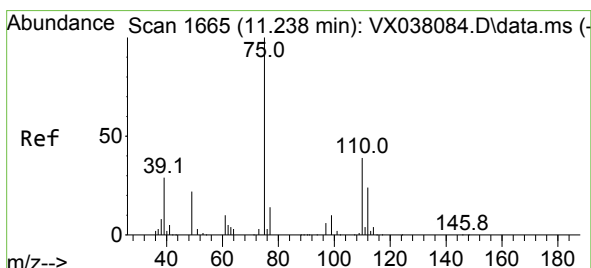
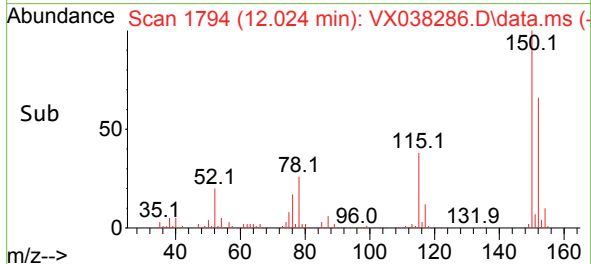
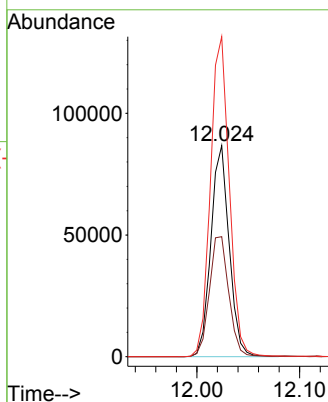
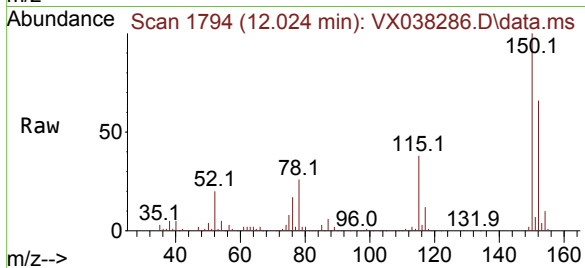




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX038286.D
 Acq: 13 Oct 2023 15:52

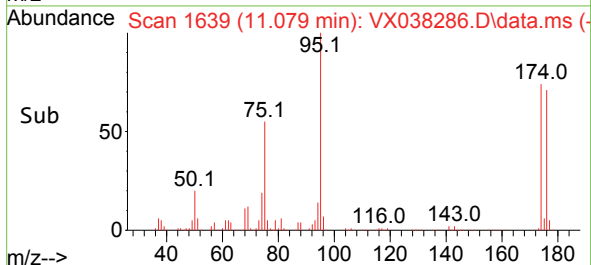
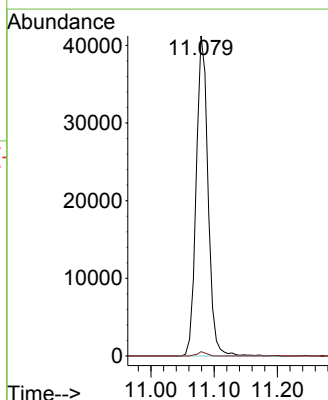
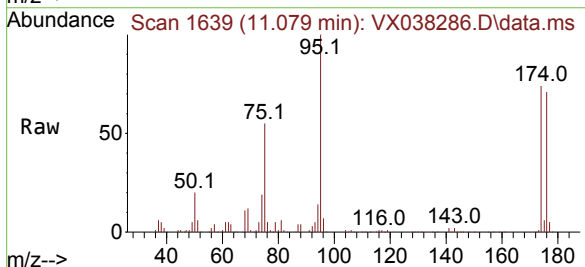
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

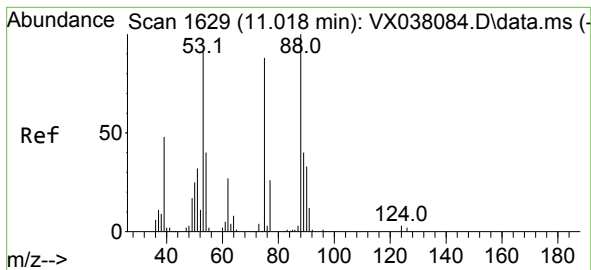
Tgt Ion:152 Resp: 107425
 Ion Ratio Lower Upper
 152 100
 115 60.7 43.3 129.9
 150 156.7 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 22.035 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX038286.D
 Acq: 13 Oct 2023 15:52

Tgt Ion: 75 Resp: 53813
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.184 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038286.D
 Acq: 13 Oct 2023 15:52

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

Tgt Ion: 75 Resp: 53813
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

