

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
 Data File : VX034884.D
 Acq On : 31 Mar 2023 17:31
 Operator : JC/MD
 Sample : 02149-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Apr 03 01:21:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

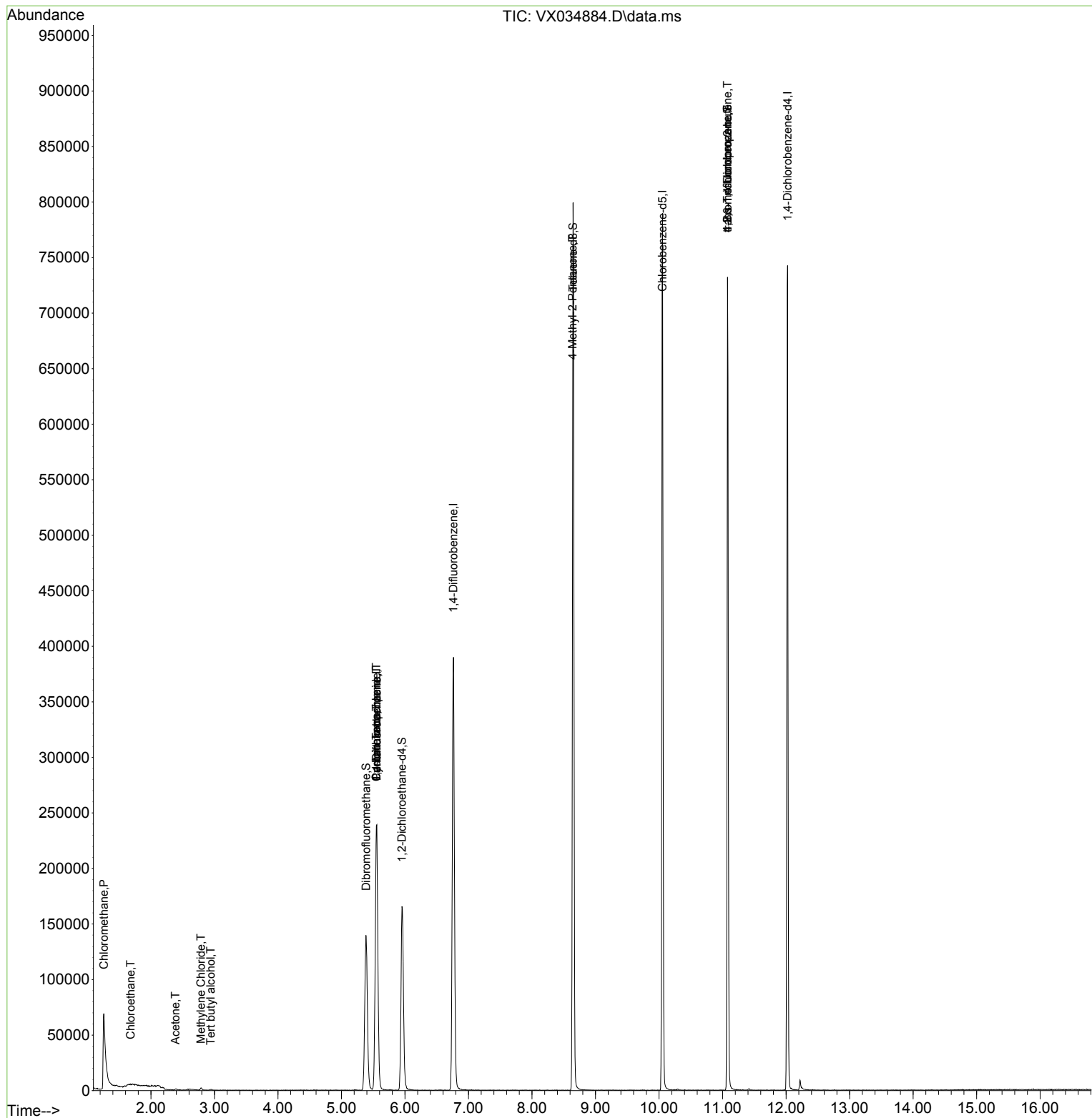
Internal Standards						
1) Pentafluorobenzene	5.556	168	218173	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	381421	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	337993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147830	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	160557	48.119	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.240%		
35) Dibromofluoromethane	5.385	113	118832	47.103	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.200%		
50) Toluene-d8	8.647	98	457987	49.184	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.360%		
62) 4-Bromofluorobenzene	11.079	95	192315	53.370	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.740%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.258	50	3421	1.256	ug/l #	42
6) Chloroethane	1.678	64	867	0.494	ug/l #	42
11) Tert butyl alcohol	2.940	59	379	0.647	ug/l #	73
16) Acetone	2.386	43	1263	0.932	ug/l	89
20) Methylene Chloride	2.788	84	873	0.326	ug/l	91
31) Cyclohexane	5.550	56	5922	1.458	ug/l #	33
36) 1,1-Dichloropropene	5.550	75	18944	5.069	ug/l #	50
38) Carbon Tetrachloride	5.550	117	23496	6.668	ug/l #	16
51) 4-Methyl-2-Pentanone	8.641	43	2588	0.669	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	109711	36.832	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	109711	110.384	ug/l #	8

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

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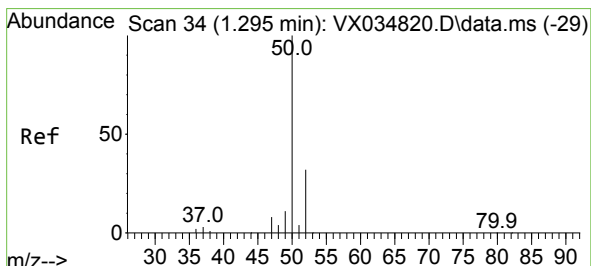
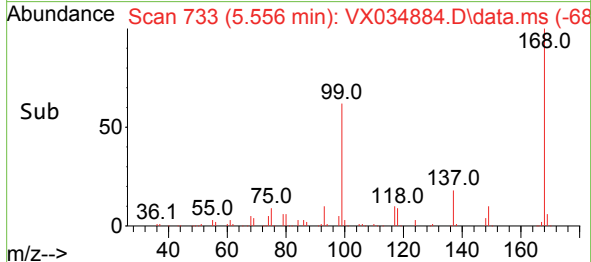
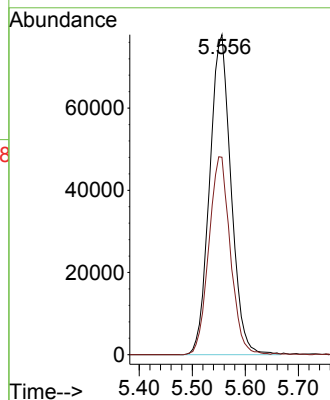
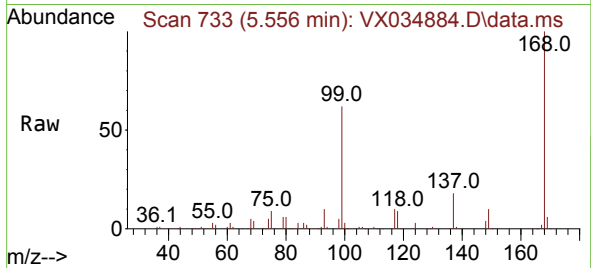




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034884.D
Acq: 31 Mar 2023 17:31

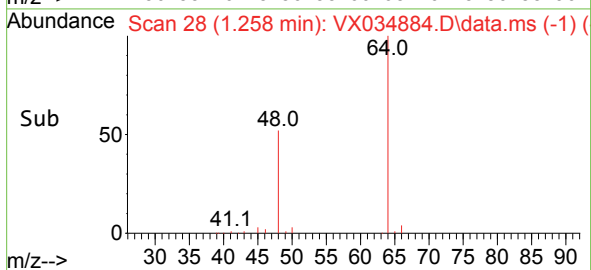
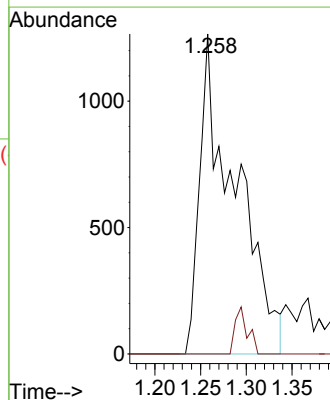
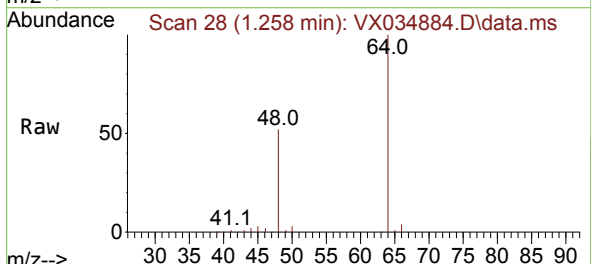
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

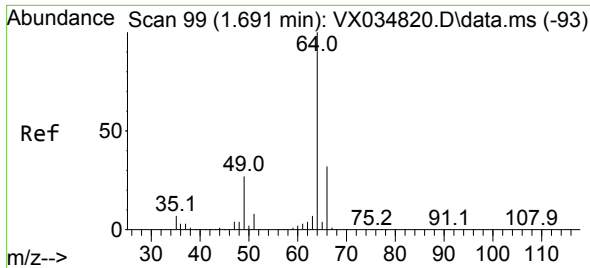
Tgt Ion:168 Resp: 218173
Ion Ratio Lower Upper
168 100
99 61.7 45.7 68.5



#3
Chloromethane
Concen: 1.256 ug/l
RT: 1.258 min Scan# 28
Delta R.T. -0.037 min
Lab File: VX034884.D
Acq: 31 Mar 2023 17:31

Tgt Ion: 50 Resp: 3421
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

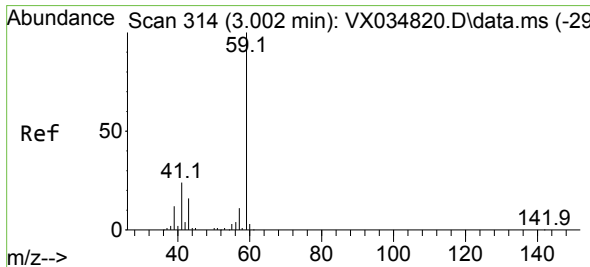
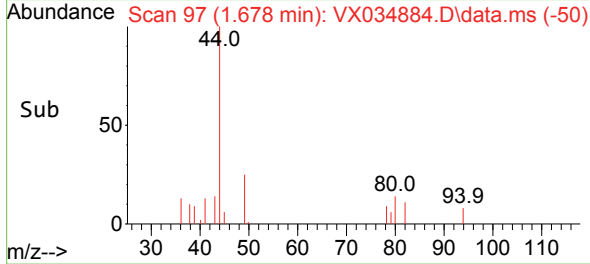
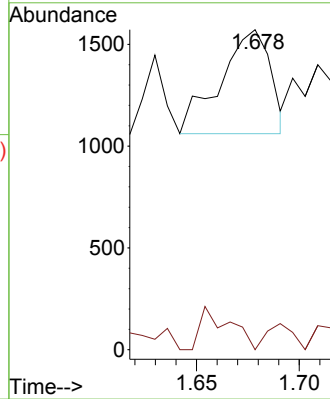
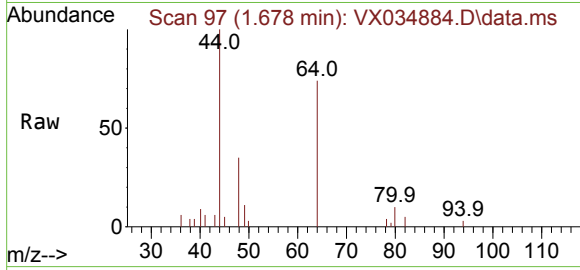




#6
Chloroethane
Concen: 0.494 ug/l
RT: 1.678 min Scan# 91
Delta R.T. -0.012 min
Lab File: VX034884.D
Acq: 31 Mar 2023 17:31

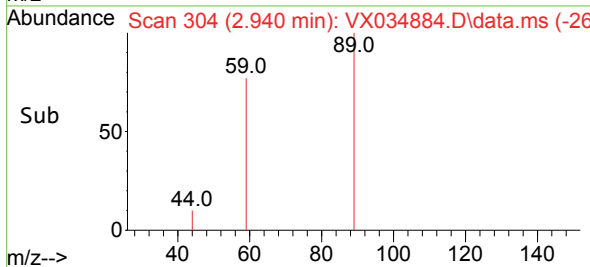
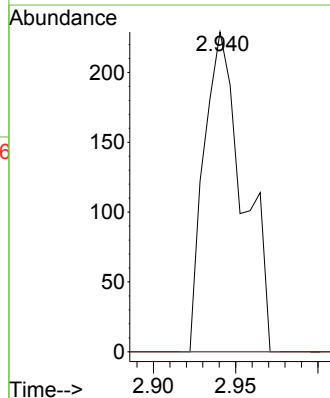
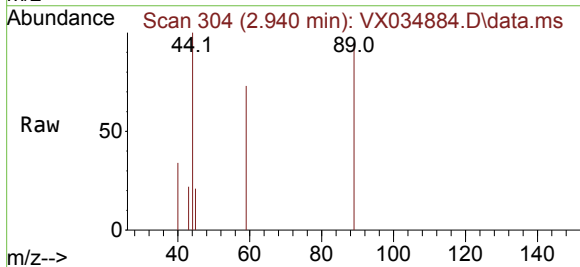
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

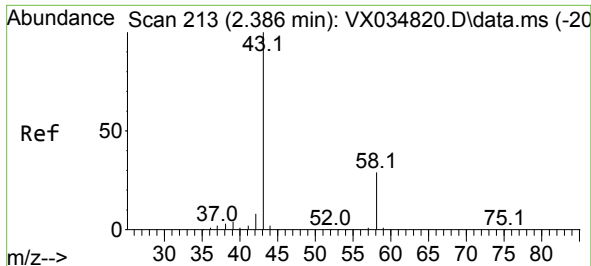
Tgt Ion: 64 Resp: 867
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 0.647 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.061 min
Lab File: VX034884.D
Acq: 31 Mar 2023 17:31

Tgt Ion: 59 Resp: 379
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#16

Acetone

Concen: 0.932 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX034884.D

Acq: 31 Mar 2023 17:31

Instrument :

MSVOA_X

ClientSampleId :

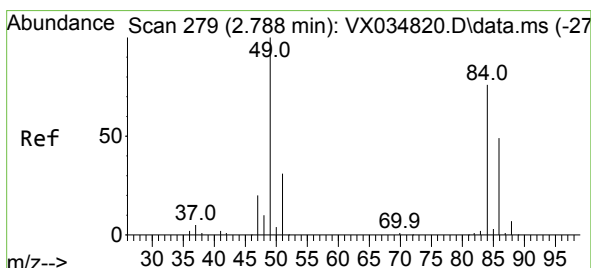
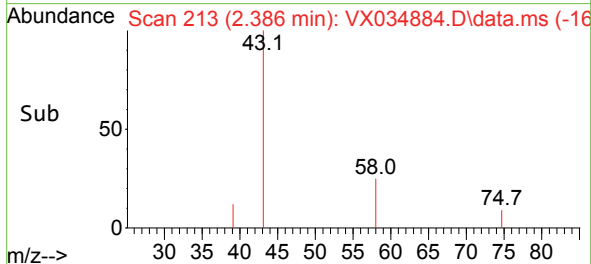
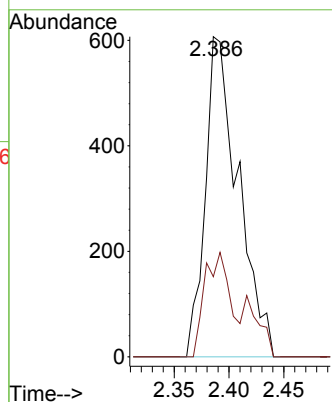
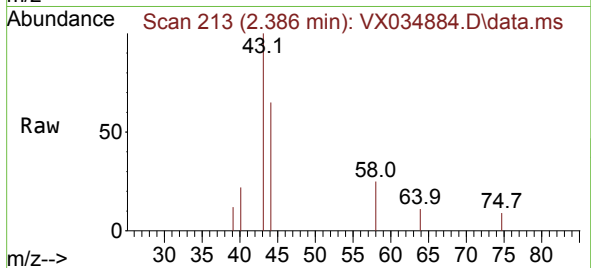
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 43 Resp: 1263

Ion Ratio Lower Upper

43 100

58 25.0 24.7 37.1



#20

Methylene Chloride

Concen: 0.326 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX034884.D

Acq: 31 Mar 2023 17:31

Tgt Ion: 84 Resp: 873

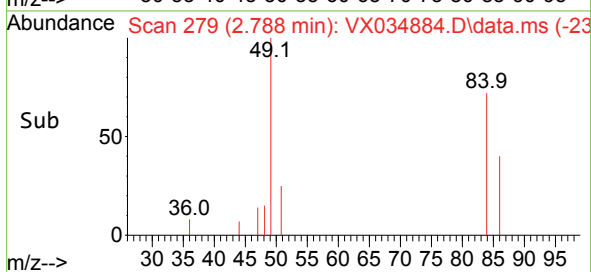
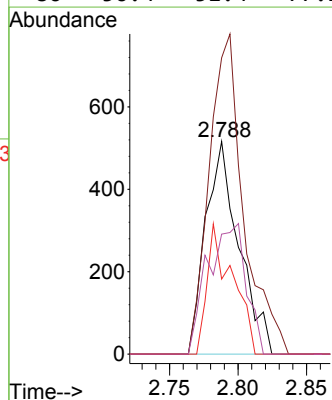
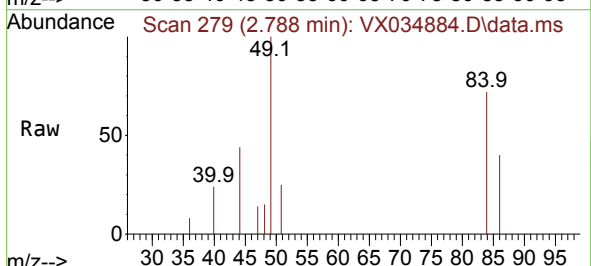
Ion Ratio Lower Upper

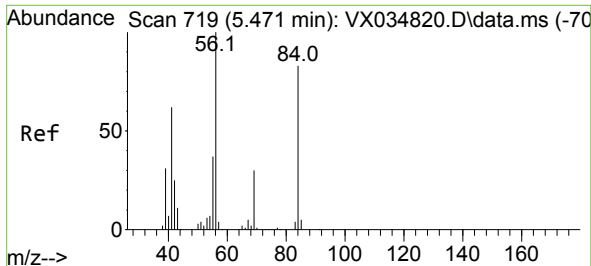
84 100

49 139.3 103.8 155.8

51 35.3 31.8 47.8

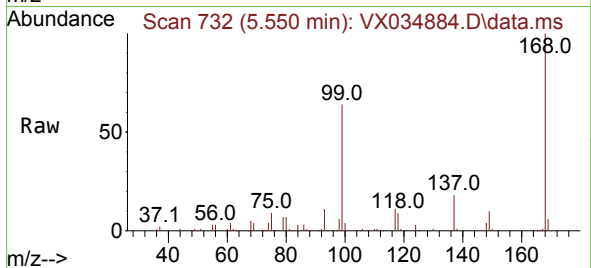
86 56.4 51.4 77.2



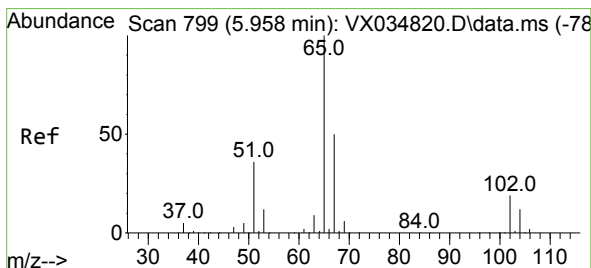
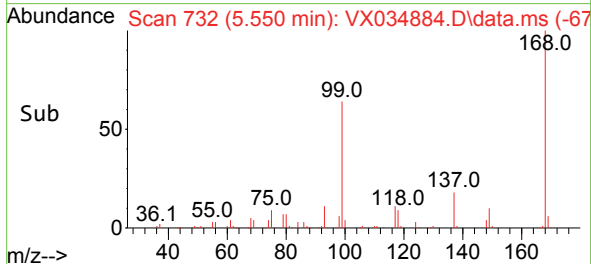
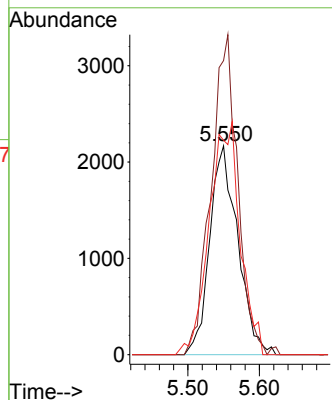


#31
Cyclohexane
Concen: 1.458 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX034884.D
Acq: 31 Mar 2023 17:31

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

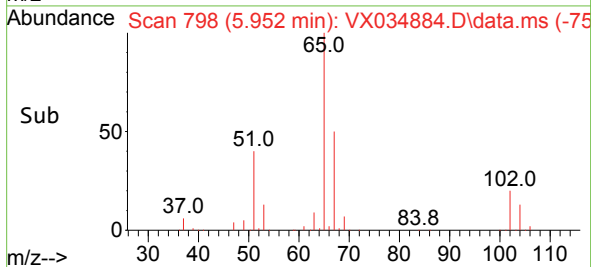
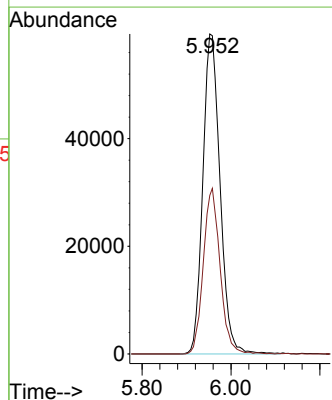
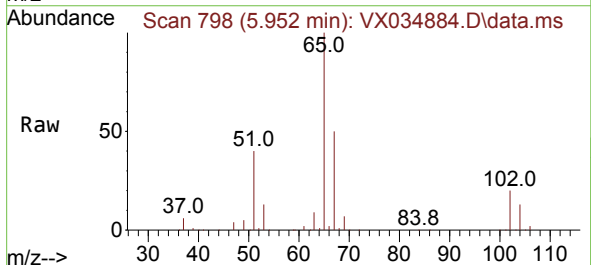


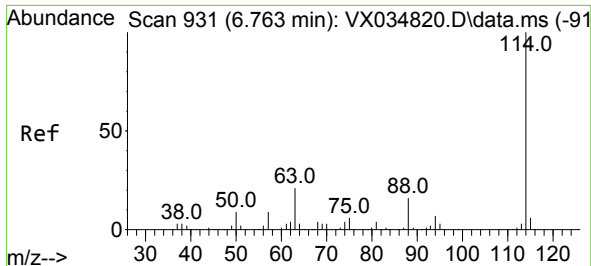
Tgt Ion: 56 Resp: 5922
Ion Ratio Lower Upper
56 100
69 140.8 23.7 35.5#
84 102.6 68.5 102.7



#33
1,2-Dichloroethane-d4
Concen: 48.119 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX034884.D
Acq: 31 Mar 2023 17:31

Tgt Ion: 65 Resp: 160557
Ion Ratio Lower Upper
65 100
67 50.5 0.0 104.0

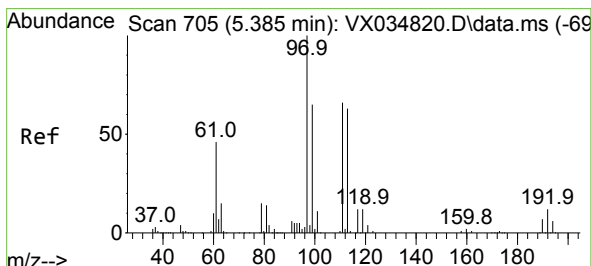
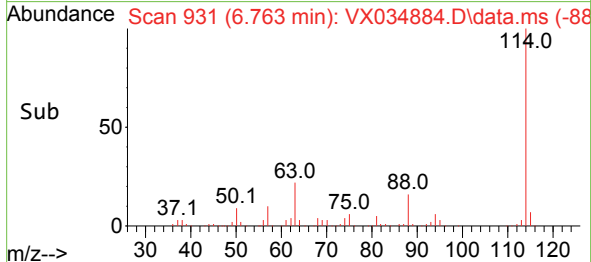
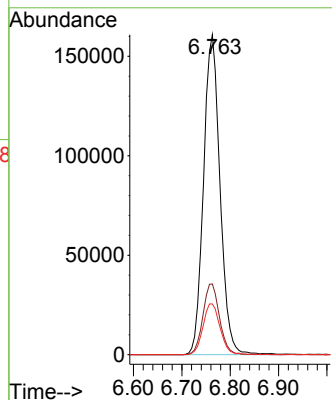
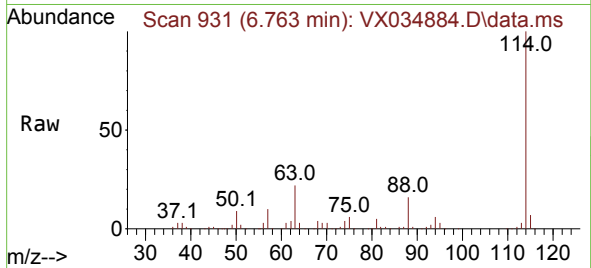




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX034884.D
Acq: 31 Mar 2023 17:31

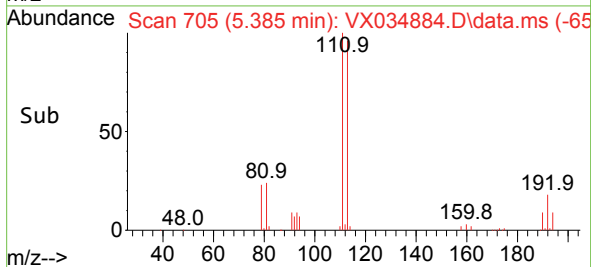
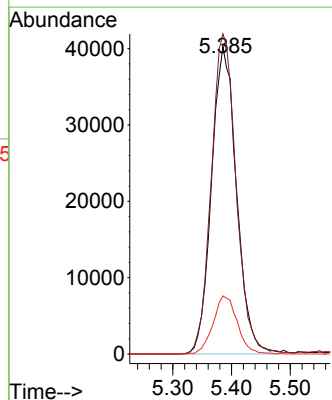
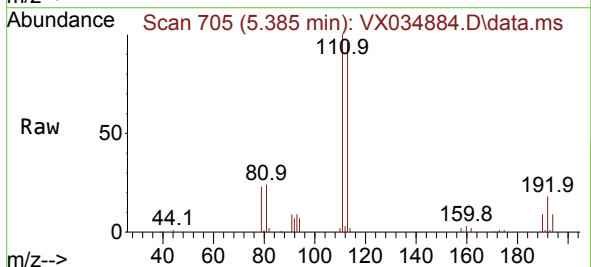
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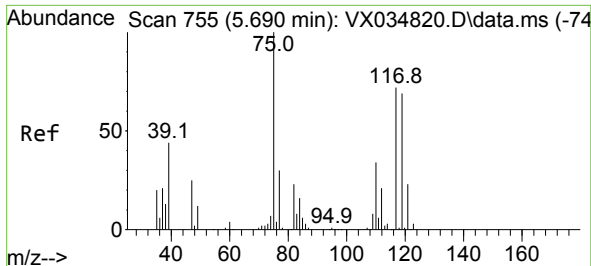
Tgt Ion:114 Resp: 381421
Ion Ratio Lower Upper
114 100
63 22.1 0.0 42.2
88 15.8 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.103 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034884.D
Acq: 31 Mar 2023 17:31

Tgt Ion:113 Resp: 118832
Ion Ratio Lower Upper
113 100
111 103.8 83.7 125.5
192 18.3 15.4 23.2

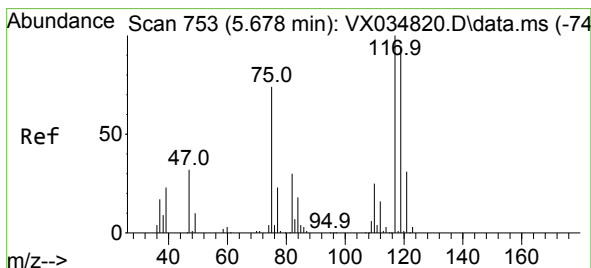
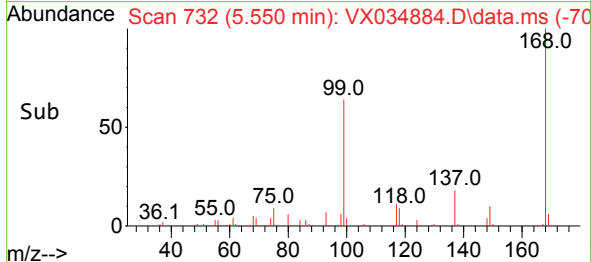
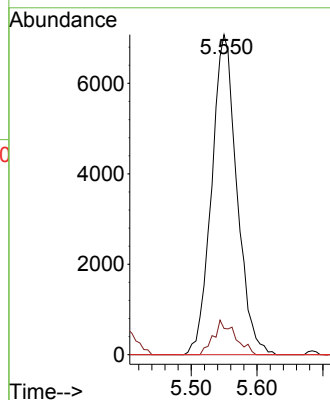
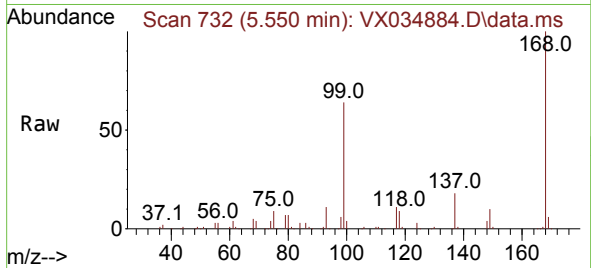




#36
1,1-Dichloropropene
Concen: 5.069 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX034884.D
Acq: 31 Mar 2023 17:31

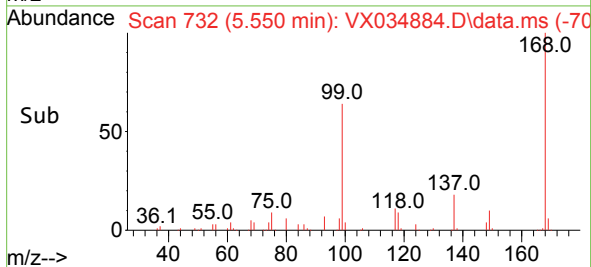
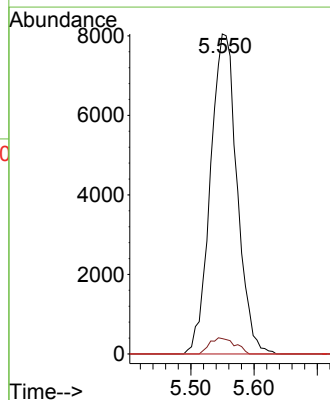
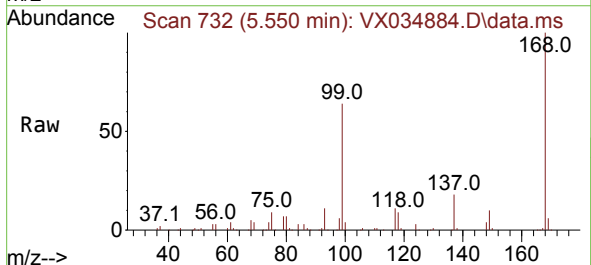
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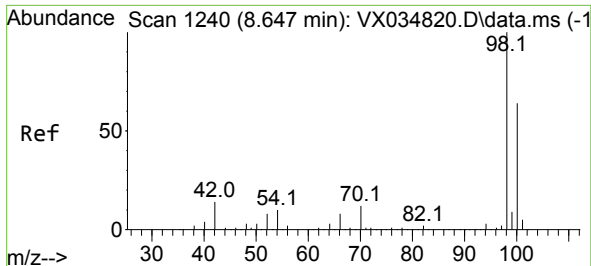
Tgt Ion: 75 Resp: 18944
Ion Ratio Lower Upper
75 100
110 9.1 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.668 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX034884.D
Acq: 31 Mar 2023 17:31

Tgt Ion: 117 Resp: 23496
Ion Ratio Lower Upper
117 100
119 4.8 76.6 114.8#
121 0.0 23.8 35.6#

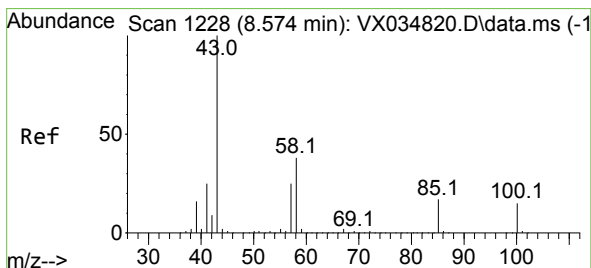
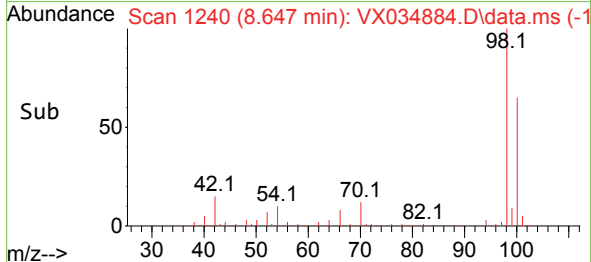
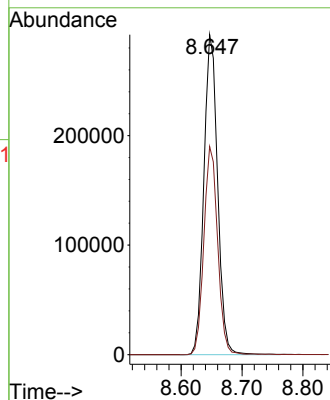
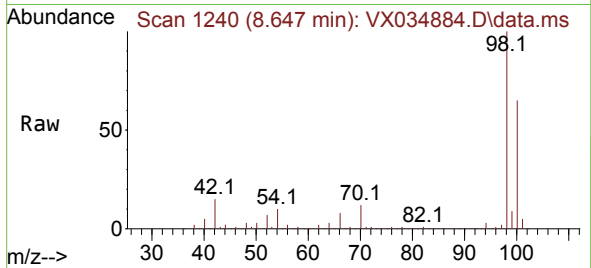




#50
Toluene-d8
Concen: 49.184 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034884.D
Acq: 31 Mar 2023 17:31

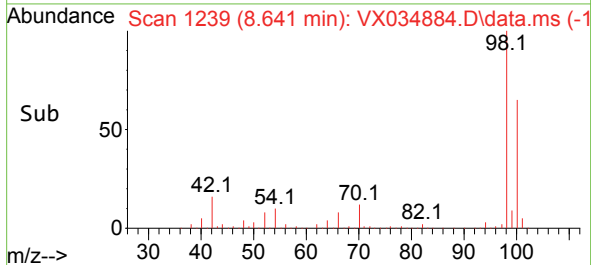
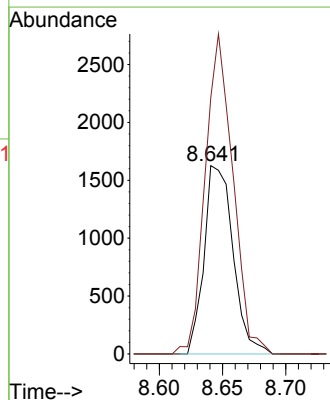
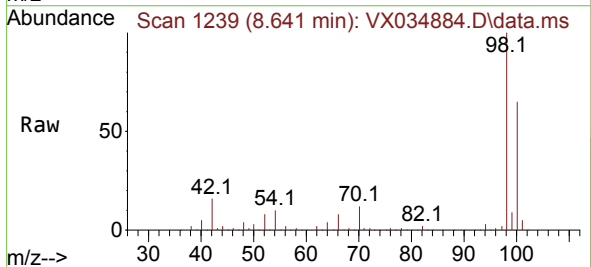
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

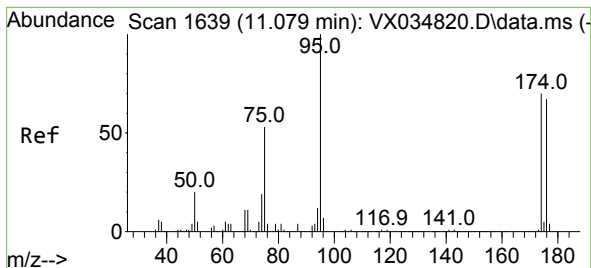
Tgt Ion: 98 Resp: 457987
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.669 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX034884.D
Acq: 31 Mar 2023 17:31

Tgt Ion: 43 Resp: 2588
Ion Ratio Lower Upper
43 100
58 162.8 30.6 46.0#

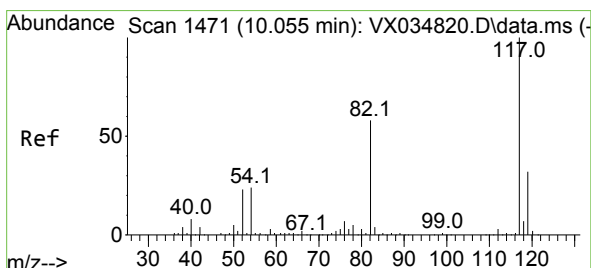
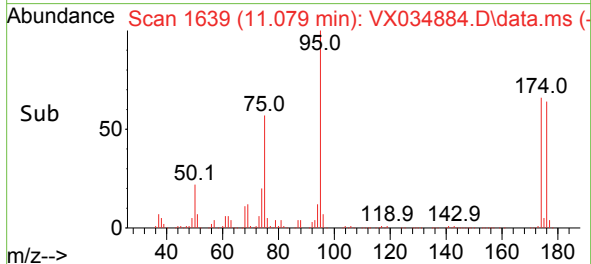
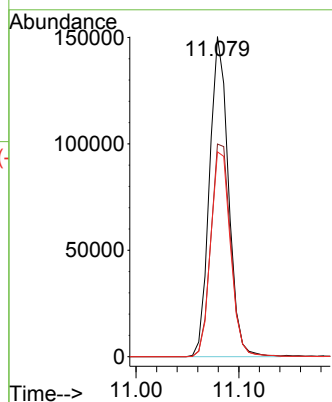
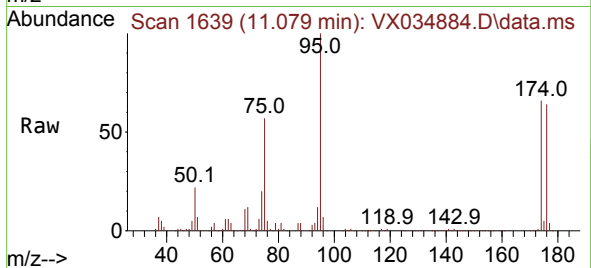




#62
4-Bromofluorobenzene
Concen: 53.370 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX034884.D
Acq: 31 Mar 2023 17:31

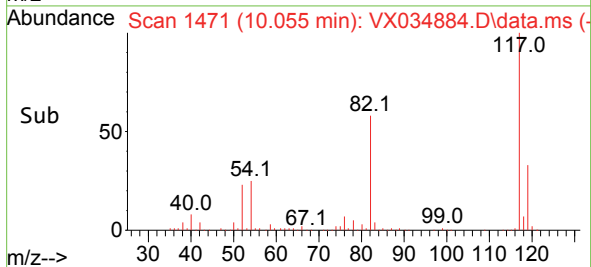
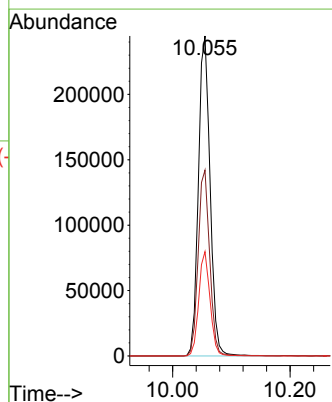
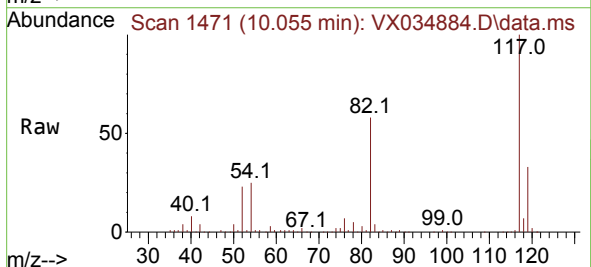
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

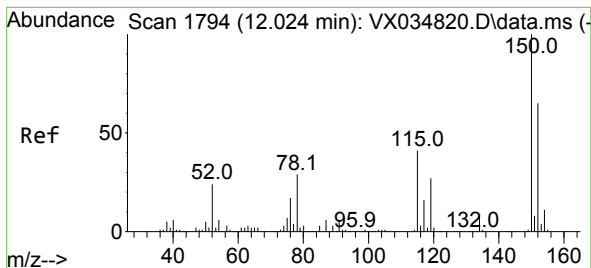
Tgt Ion: 95 Resp: 192315
Ion Ratio Lower Upper
95 100
174 70.0 0.0 147.4
176 67.3 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034884.D
Acq: 31 Mar 2023 17:31

Tgt Ion: 117 Resp: 337993
Ion Ratio Lower Upper
117 100
82 58.1 45.0 67.4
119 32.6 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034884.D

Acq: 31 Mar 2023 17:31

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

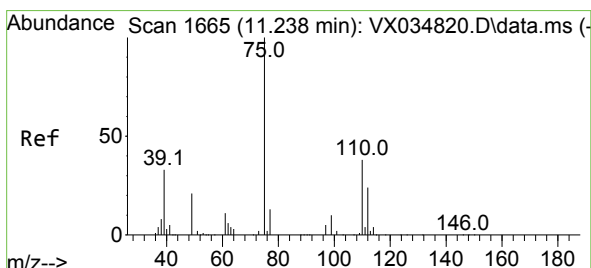
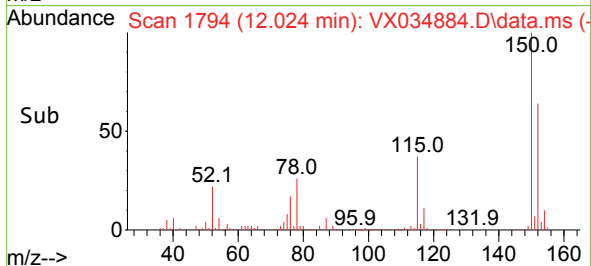
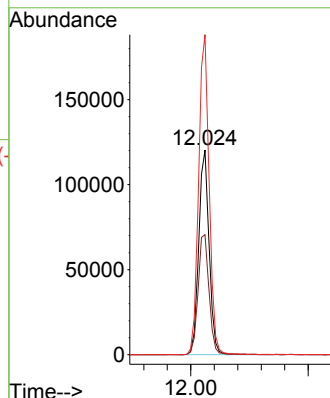
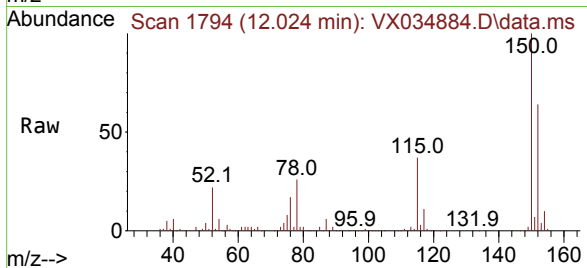
Tgt Ion:152 Resp: 147830

Ion Ratio Lower Upper

152 100

115 61.8 45.0 135.0

150 158.7 0.0 352.4



#76

1,2,3-Trichloropropane

Concen: 36.832 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX034884.D

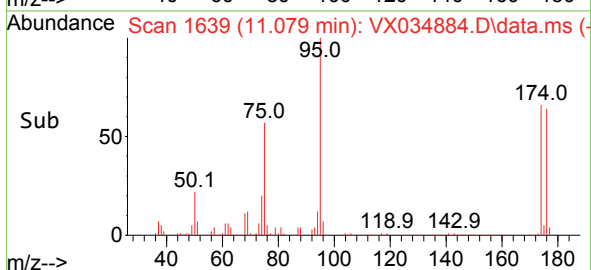
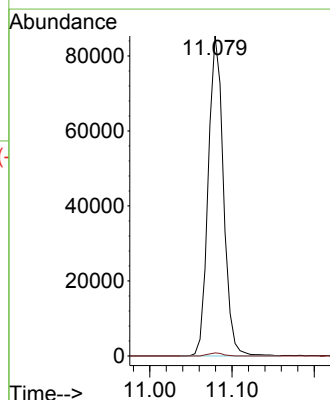
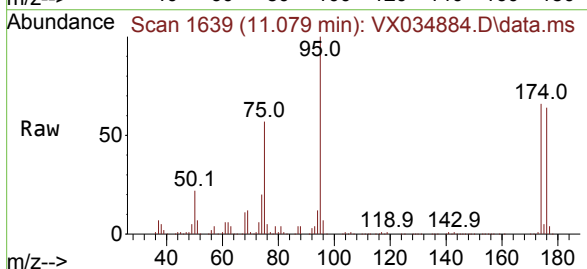
Acq: 31 Mar 2023 17:31

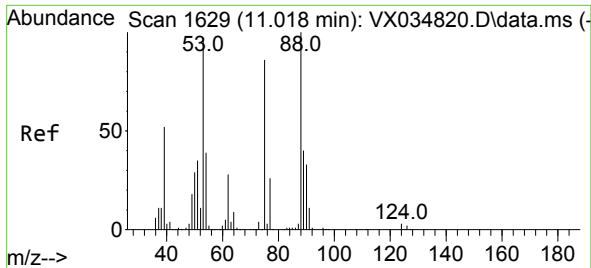
Tgt Ion: 75 Resp: 109711

Ion Ratio Lower Upper

75 100

77 0.9 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.384 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX034884.D
 Acq: 31 Mar 2023 17:31

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

Tgt Ion: 75 Resp: 109711
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

