

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022423\
 Data File : VX034264.D
 Acq On : 24 Feb 2023 14:26
 Operator : JC/MD
 Sample : 01674-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Feb 24 22:22:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

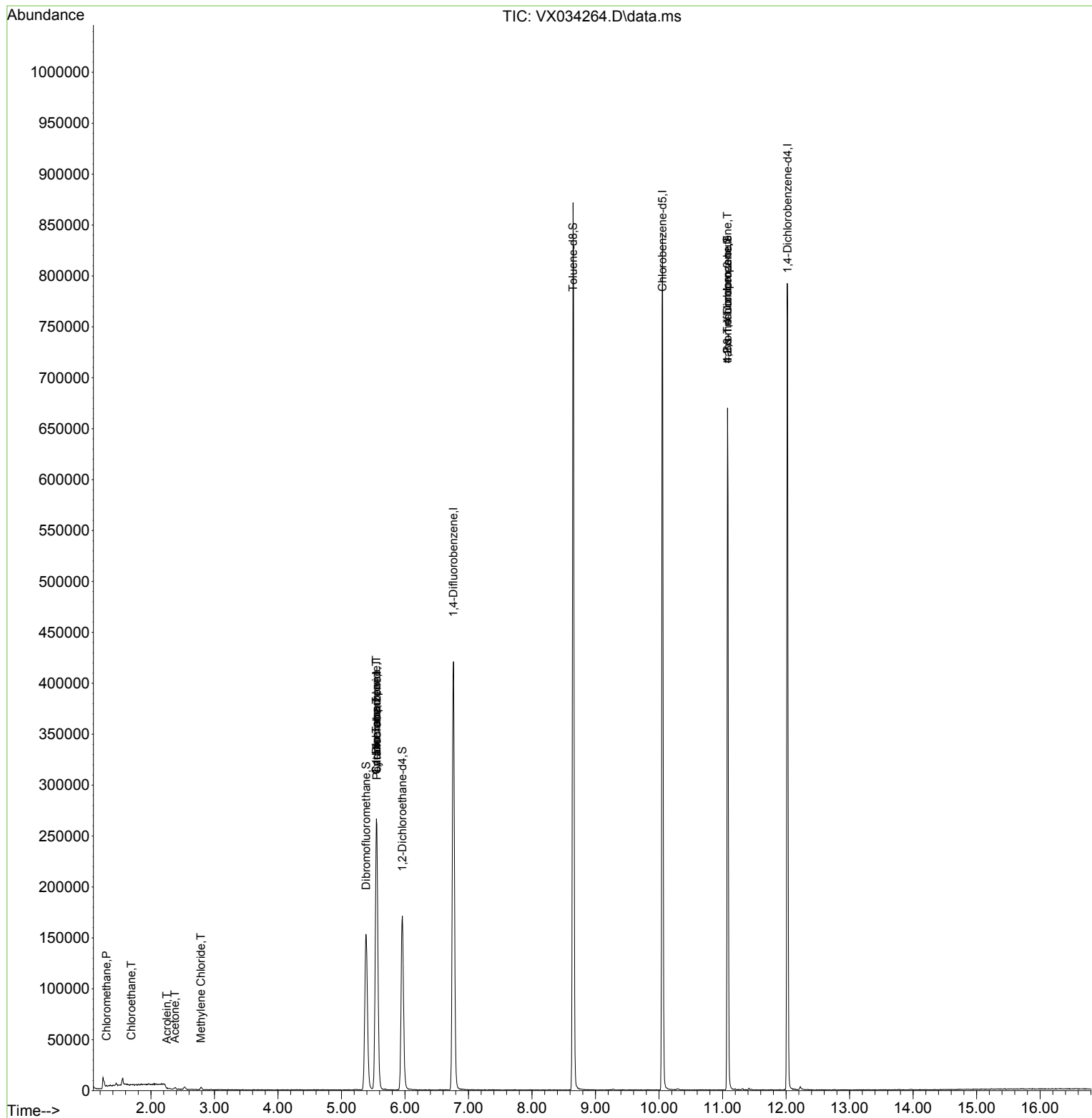
Internal Standards						
1) Pentafluorobenzene	5.556	168	268961	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	443574	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	386902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	171114	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	157537	43.491	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	86.980%	
35) Dibromofluoromethane	5.385	113	134849	46.691	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	93.380%	
50) Toluene-d8	8.647	98	519137	50.065	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	100.140%	
62) 4-Bromofluorobenzene	11.079	95	176899	44.601	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	89.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	754	0.225	ug/l	93
5) Bromomethane	1.617	94	196	Below Cal		81
6) Chloroethane	1.691	64	491	0.321	ug/l #	42
13) Acrolein	2.251	56	75	0.203	ug/l #	14
16) Acetone	2.380	43	1621	0.868	ug/l	97
20) Methylene Chloride	2.788	84	1165	0.346	ug/l	88
31) Cyclohexane	5.550	56	5527	1.022	ug/l #	6
36) 1,1-Dichloropropene	5.550	75	18852	4.414	ug/l #	48
38) Carbon Tetrachloride	5.550	117	26072	5.932	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	87512	20.325	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	87512	52.212	ug/l #	8

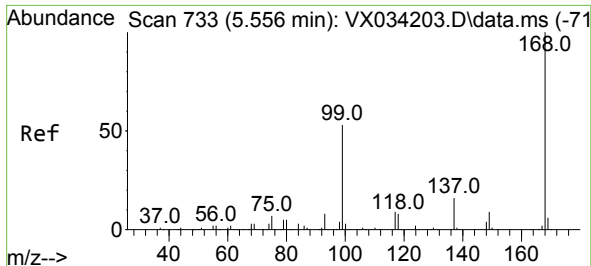
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
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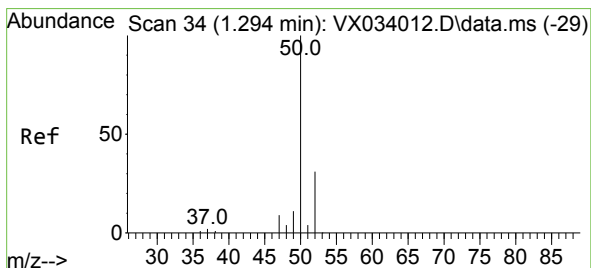
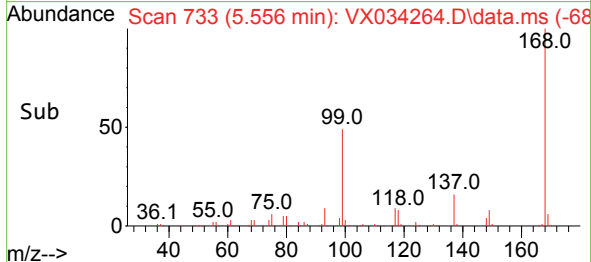
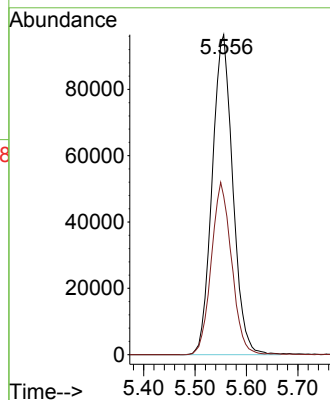
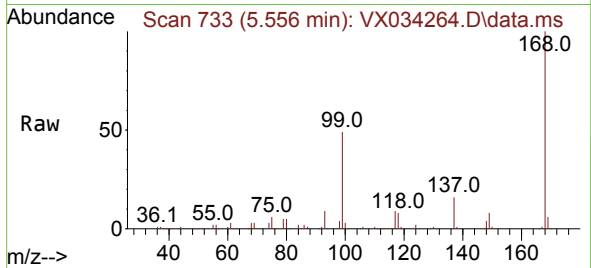




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034264.D
Acq: 24 Feb 2023 14:26

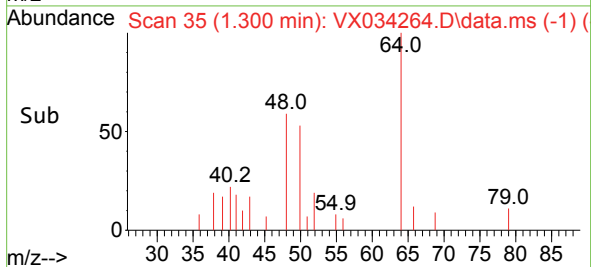
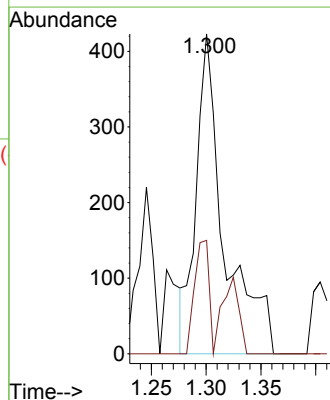
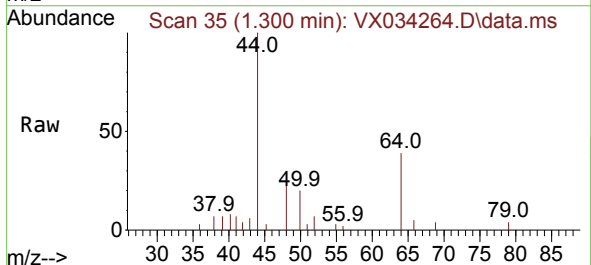
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

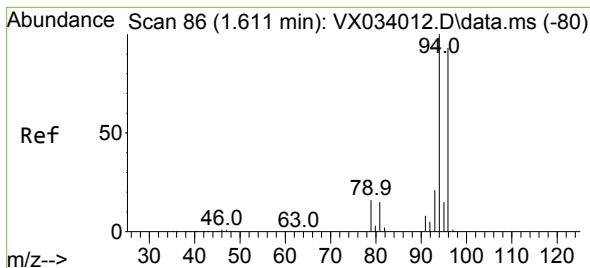
Tgt Ion:168 Resp: 268961
Ion Ratio Lower Upper
168 100
99 49.4 39.6 59.4



#3
Chloromethane
Concen: 0.225 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX034264.D
Acq: 24 Feb 2023 14:26

Tgt Ion: 50 Resp: 754
Ion Ratio Lower Upper
50 100
52 35.5 25.2 37.8





#5

Bromomethane

Concen: Below Cal

RT: 1.617 min Scan# 81

Delta R.T. 0.018 min

Lab File: VX034264.D

Acq: 24 Feb 2023 14:26

Instrument :

MSVOA_X

ClientSampleId :

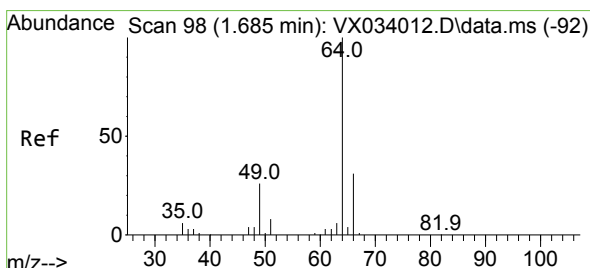
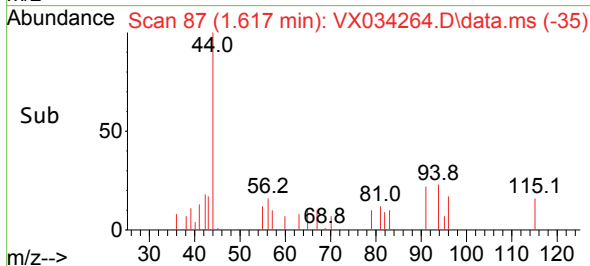
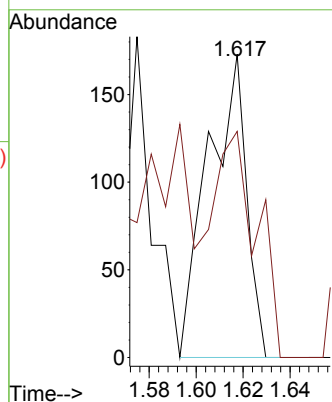
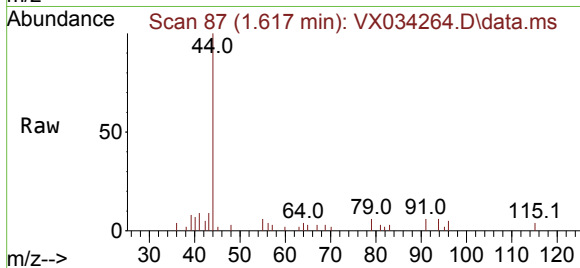
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 94 Resp: 196

Ion Ratio Lower Upper

94 100

96 74.6 74.3 111.5



#6

Chloroethane

Concen: 0.321 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.006 min

Lab File: VX034264.D

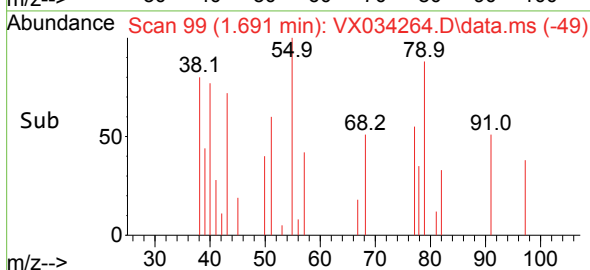
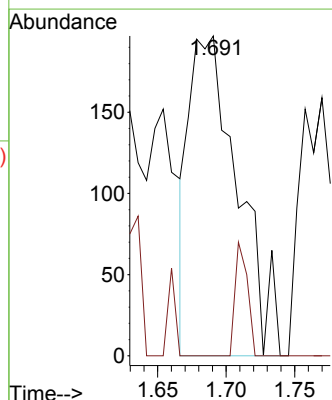
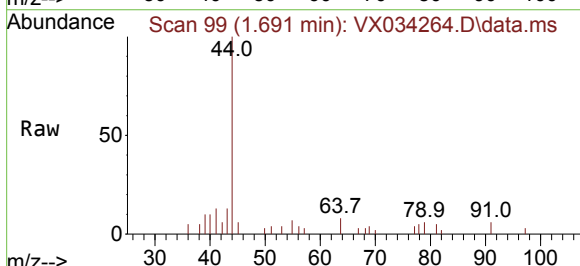
Acq: 24 Feb 2023 14:26

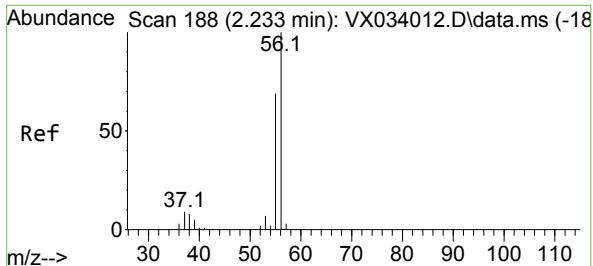
Tgt Ion: 64 Resp: 491

Ion Ratio Lower Upper

64 100

66 0.0 26.1 39.1#

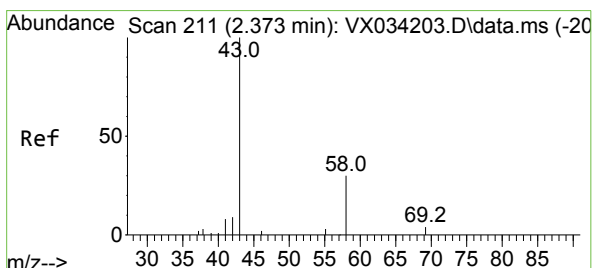
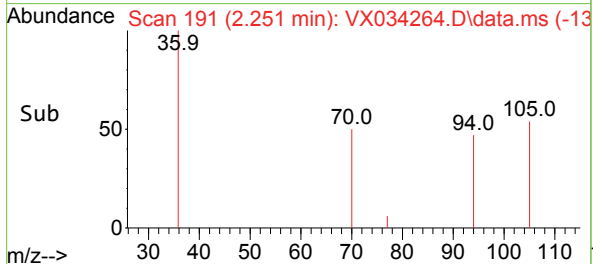
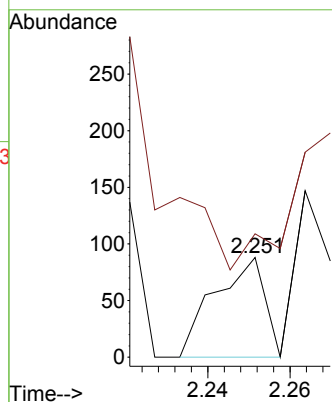
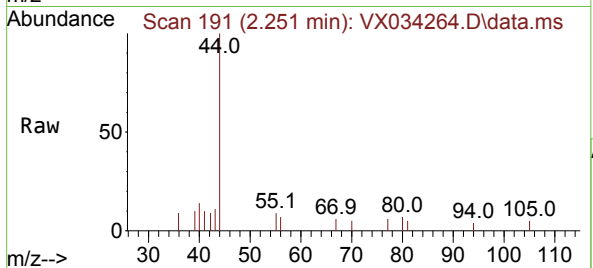




#13
Acrolein
Concen: 0.203 ug/l
RT: 2.251 min Scan# 191
Delta R.T. 0.018 min
Lab File: VX034264.D
Acq: 24 Feb 2023 14:26

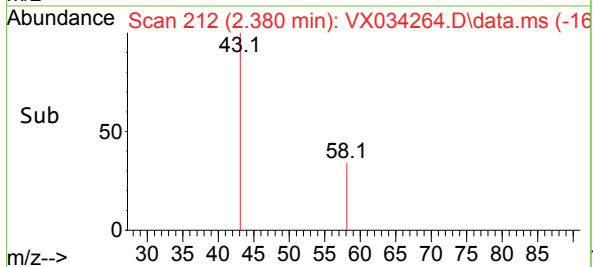
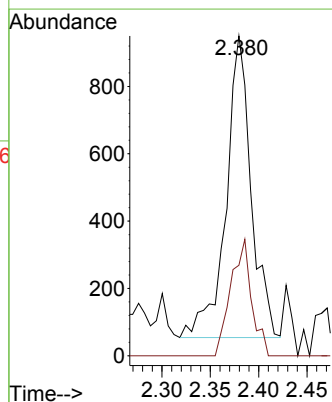
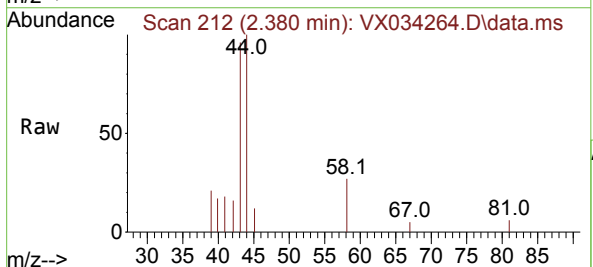
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

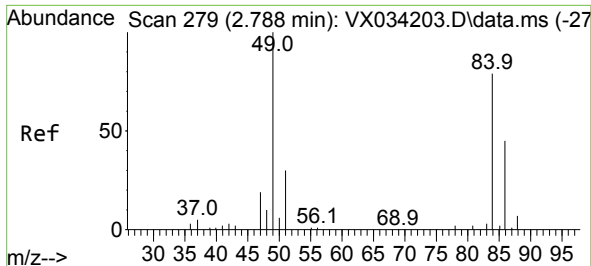
Tgt Ion: 56 Resp: 75
Ion Ratio Lower Upper
56 100
55 0.0 56.3 84.5#



#16
Acetone
Concen: 0.868 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034264.D
Acq: 24 Feb 2023 14:26

Tgt Ion: 43 Resp: 1621
Ion Ratio Lower Upper
43 100
58 30.0 22.6 33.8



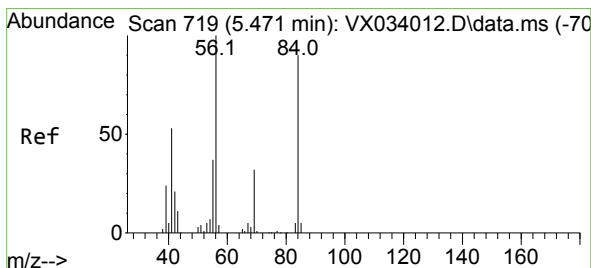
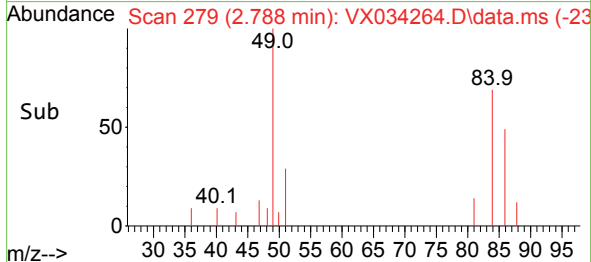
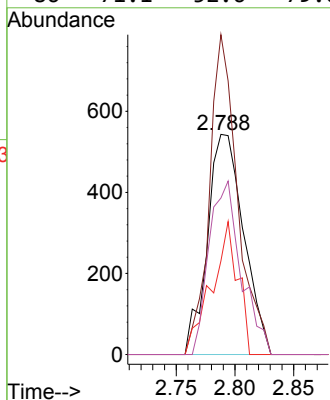
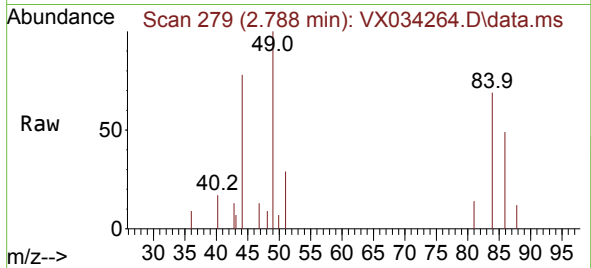


#20
Methylene Chloride
Concen: 0.346 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX034264.D
Acq: 24 Feb 2023 14:26

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

Tgt Ion: 84 Resp: 1165

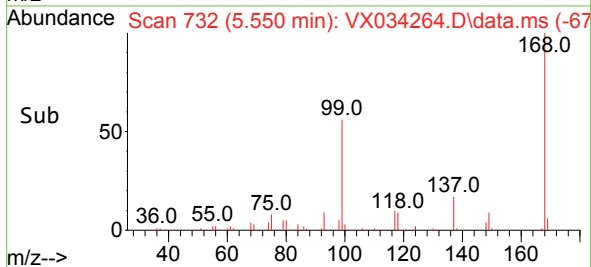
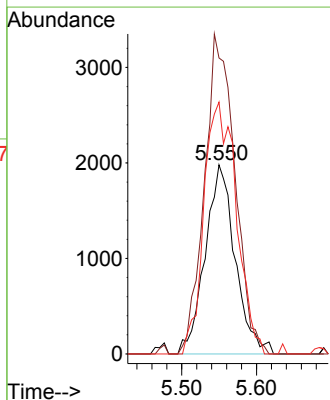
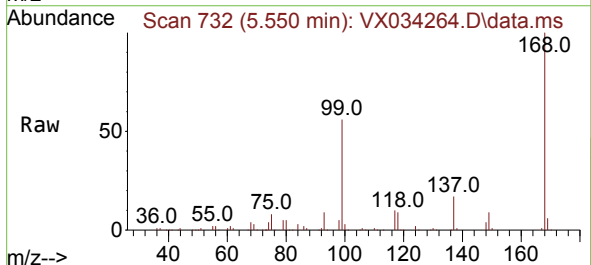
Ion	Ratio	Lower	Upper
84	100		
49	145.3	101.1	151.7
51	42.5	31.0	46.6
86	71.1	52.6	79.0

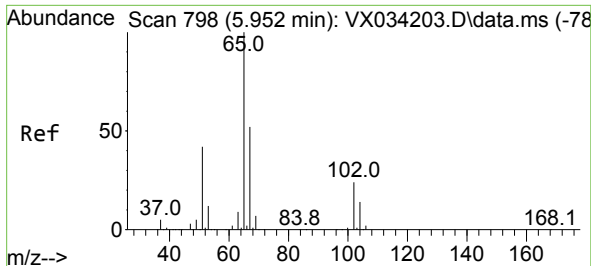


#31
Cyclohexane
Concen: 1.022 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX034264.D
Acq: 24 Feb 2023 14:26

Tgt Ion: 56 Resp: 5527

Ion	Ratio	Lower	Upper
56	100		
69	156.4	24.6	37.0#
84	133.2	71.0	106.6#





#33

1,2-Dichloroethane-d4

Concen: 43.491 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX034264.D

Acq: 24 Feb 2023 14:26

Instrument :

MSVOA_X

ClientSampleId :

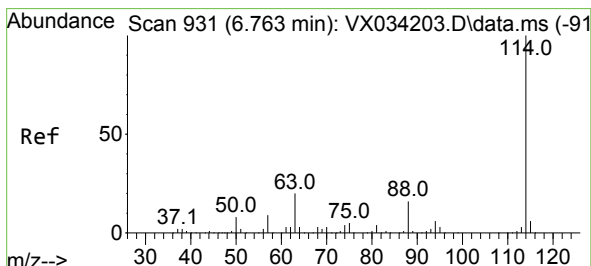
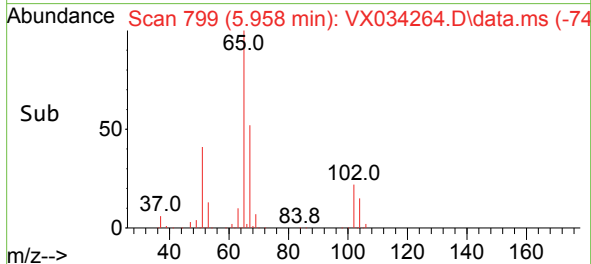
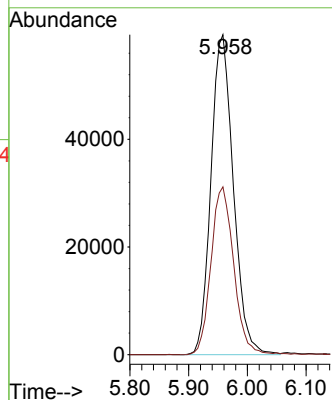
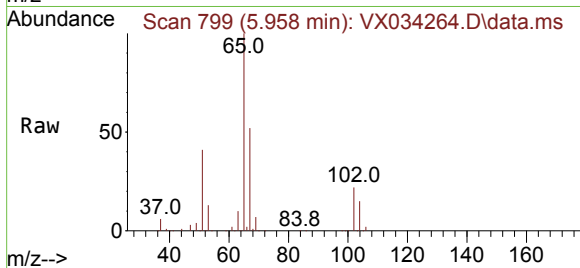
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 65 Resp: 157537

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034264.D

Acq: 24 Feb 2023 14:26

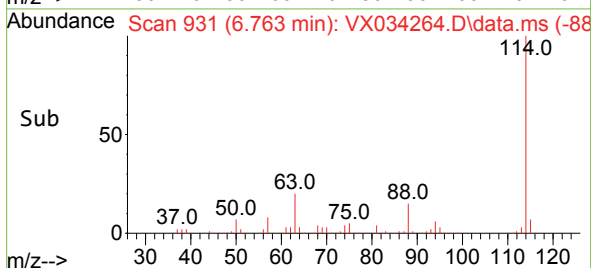
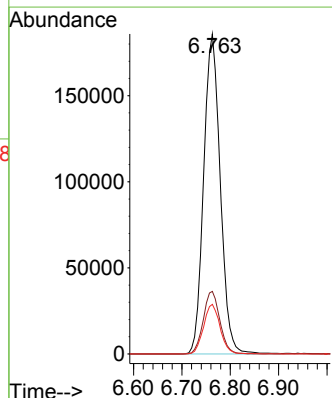
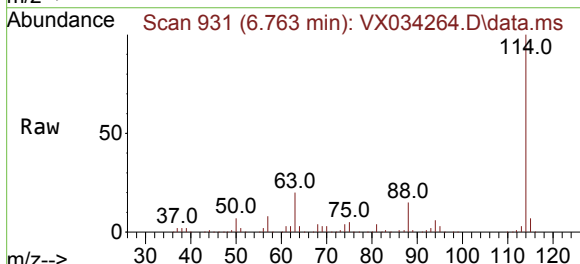
Tgt Ion: 114 Resp: 443574

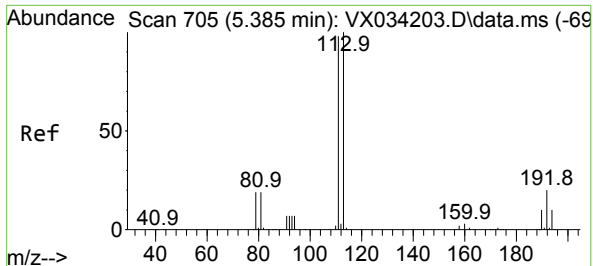
Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.4

88 15.5 0.0 30.6

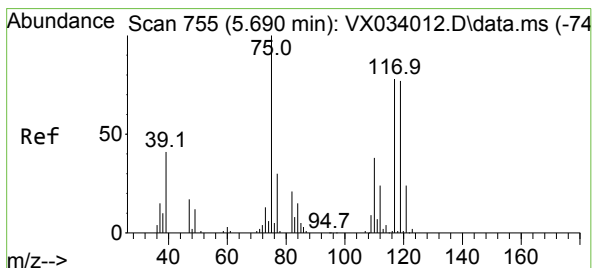
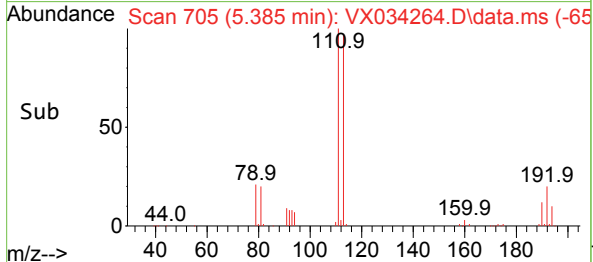
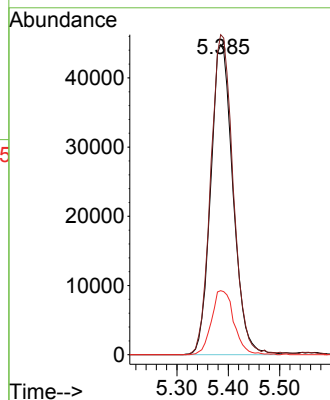
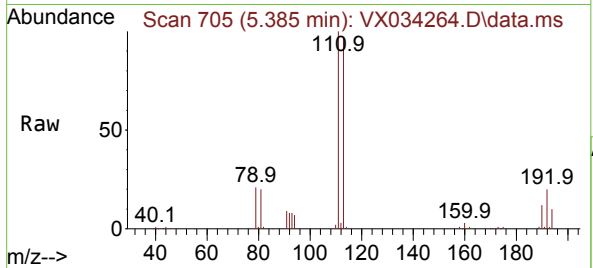




#35
Dibromofluoromethane
Concen: 46.691 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034264.D
Acq: 24 Feb 2023 14:26

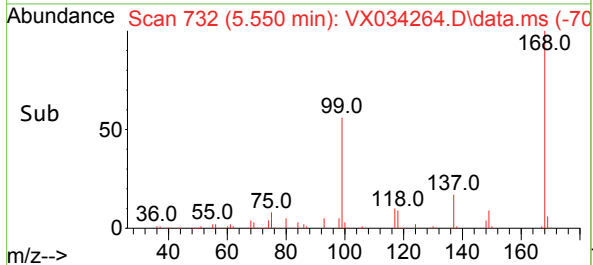
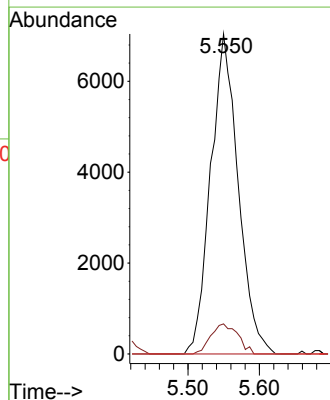
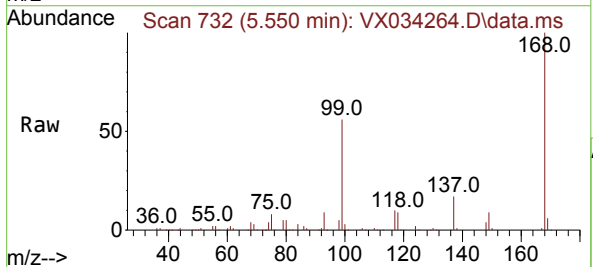
Instrument :
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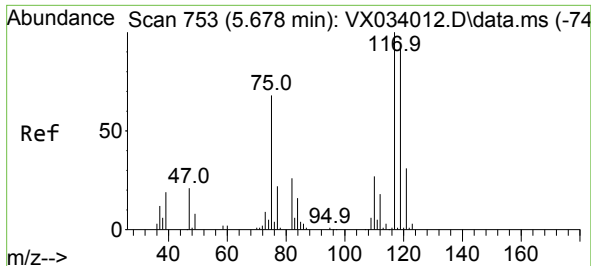
Tgt Ion:113 Resp: 134849
Ion Ratio Lower Upper
113 100
111 104.3 83.0 124.6
192 20.8 19.0 28.4



#36
1,1-Dichloropropene
Concen: 4.414 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX034264.D
Acq: 24 Feb 2023 14:26

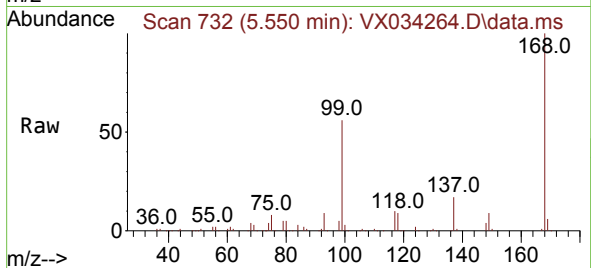
Tgt Ion: 75 Resp: 18852
Ion Ratio Lower Upper
75 100
110 9.3 18.8 56.4#
77 0.0 25.1 37.7#



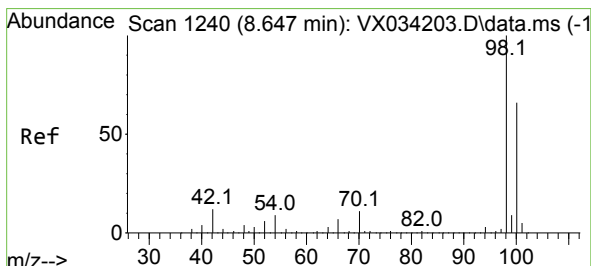
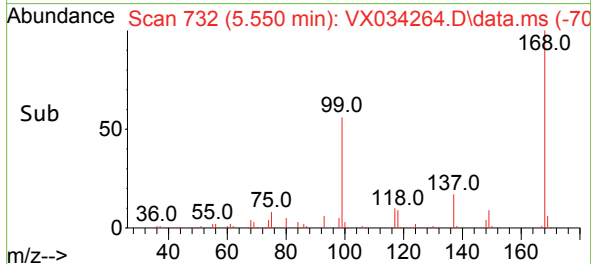
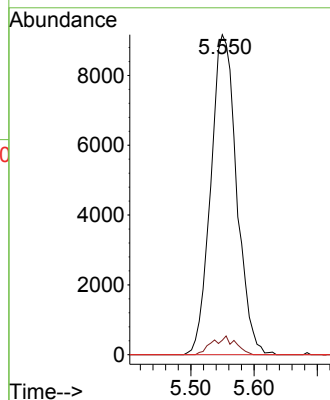


#38
Carbon Tetrachloride
Concen: 5.932 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX034264.D
Acq: 24 Feb 2023 14:26

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

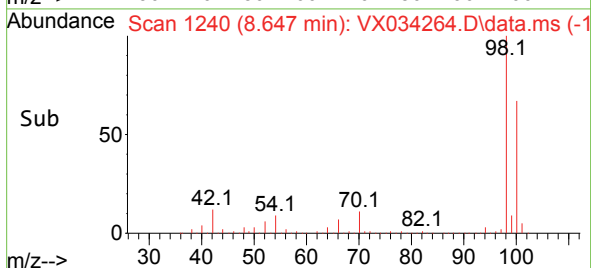
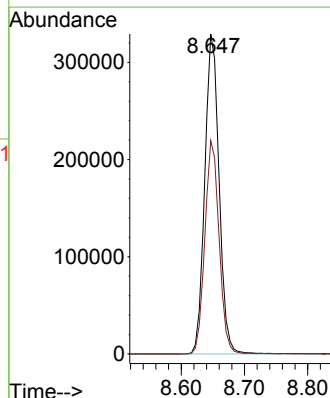
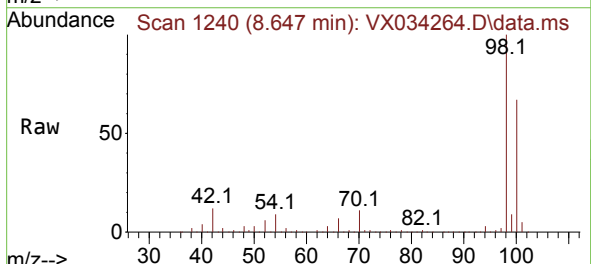


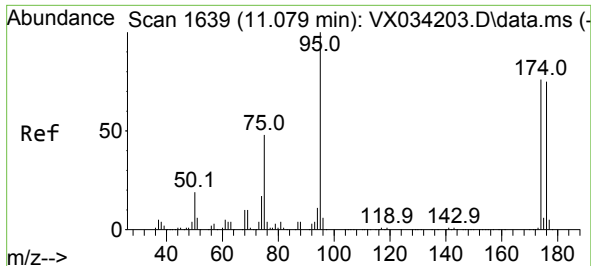
Tgt Ion:117 Resp: 26072
Ion Ratio Lower Upper
117 100
119 4.5 78.0 117.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.065 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034264.D
Acq: 24 Feb 2023 14:26

Tgt Ion: 98 Resp: 519137
Ion Ratio Lower Upper
98 100
100 66.3 53.6 80.4

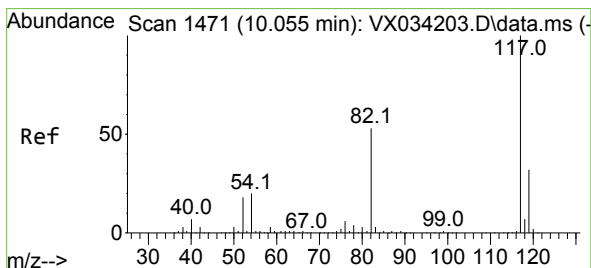
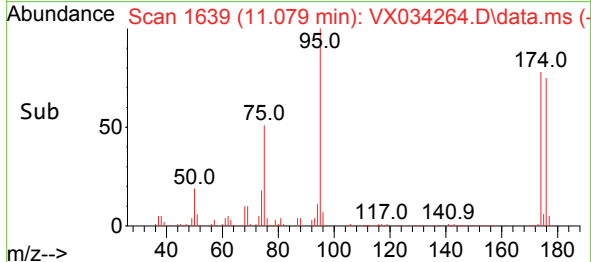
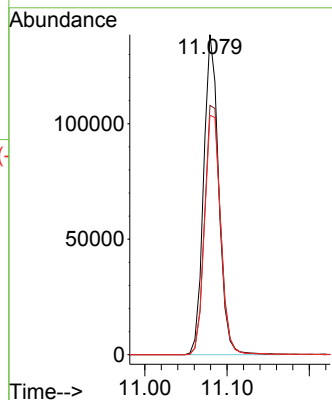
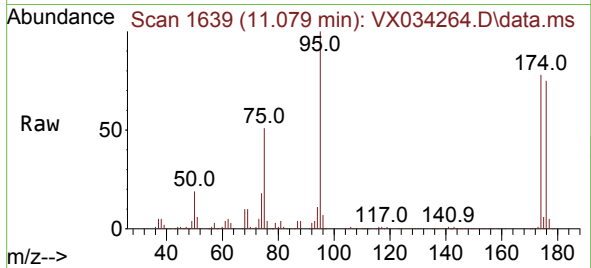




#62
4-Bromofluorobenzene
Concen: 44.601 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034264.D
Acq: 24 Feb 2023 14:26

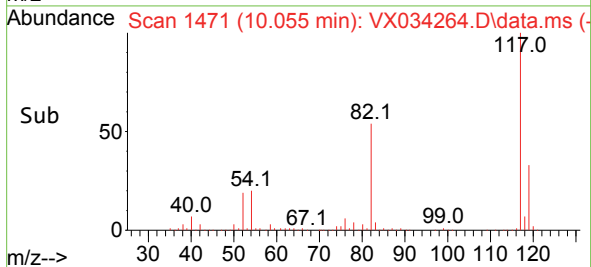
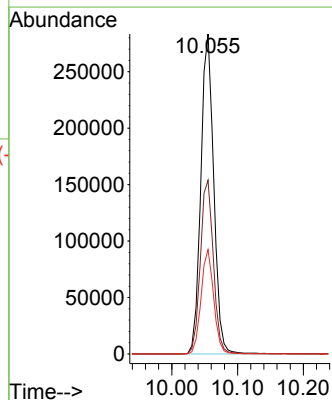
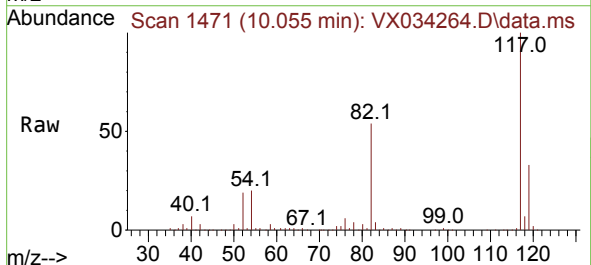
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

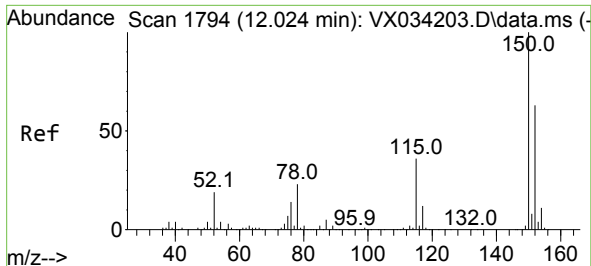
Tgt Ion: 95 Resp: 176899
Ion Ratio Lower Upper
95 100
174 82.5 0.0 184.4
176 79.9 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034264.D
Acq: 24 Feb 2023 14:26

Tgt Ion: 117 Resp: 386902
Ion Ratio Lower Upper
117 100
82 54.3 40.6 60.8
119 32.6 25.6 38.4

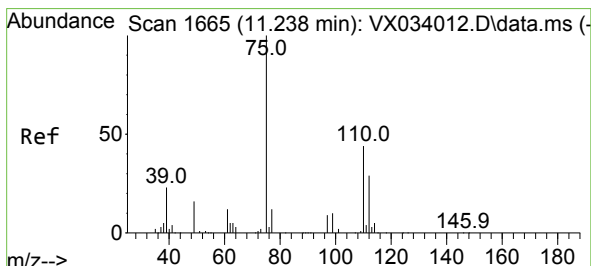
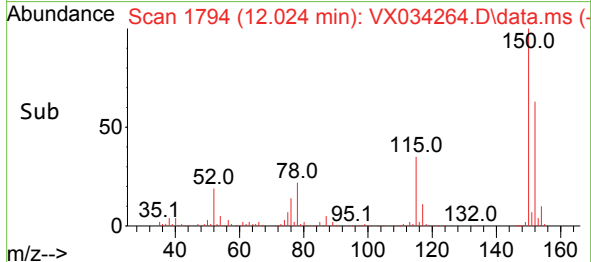
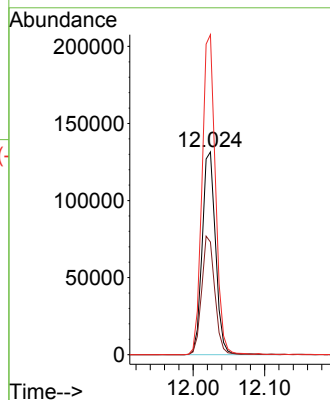
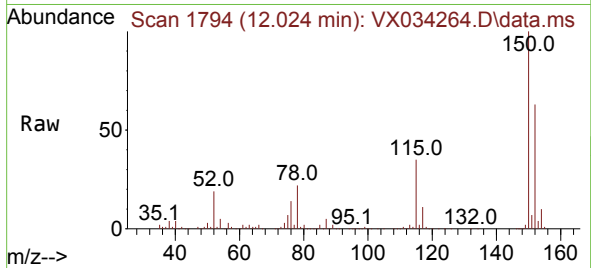




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034264.D
 Acq: 24 Feb 2023 14:26

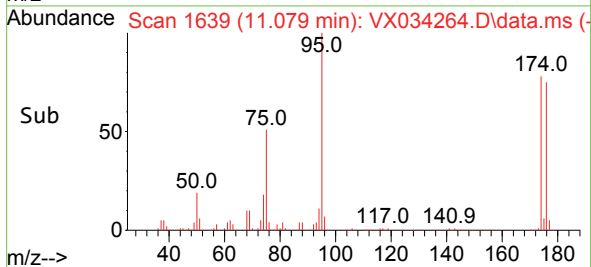
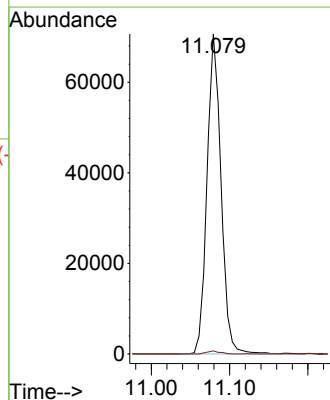
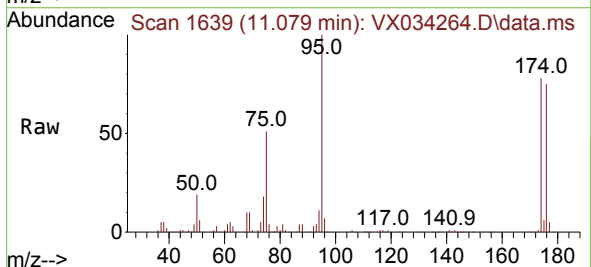
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

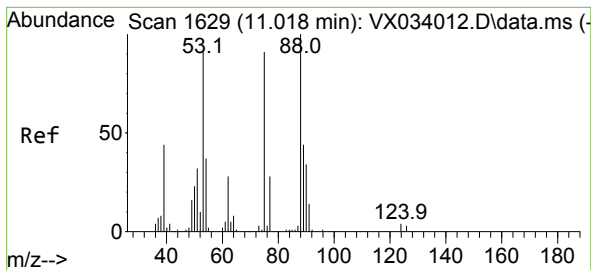
Tgt Ion:152 Resp: 171114
 Ion Ratio Lower Upper
 152 100
 115 57.5 38.7 116.1
 150 157.9 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 20.325 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX034264.D
 Acq: 24 Feb 2023 14:26

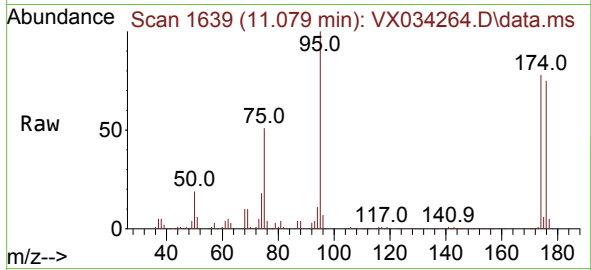
Tgt Ion: 75 Resp: 87512
 Ion Ratio Lower Upper
 75 100
 77 0.9 21.8 65.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.212 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034264.D
 Acq: 24 Feb 2023 14:26

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



Tgt Ion: 75 Resp: 87512
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.0 124.6#
 89 0.0 37.7 56.5#

