

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022423\
 Data File : VX034263.D
 Acq On : 24 Feb 2023 14:02
 Operator : JC/MD
 Sample : 01674-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Feb 24 22:22:38 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	272592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	451454	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	394134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	174305	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	160750	43.787	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.580%
35) Dibromofluoromethane	5.385	113	138470	47.108	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.220%
50) Toluene-d8	8.647	98	530854	50.301	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.600%
62) 4-Bromofluorobenzene	11.079	95	181068	44.855	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.700%

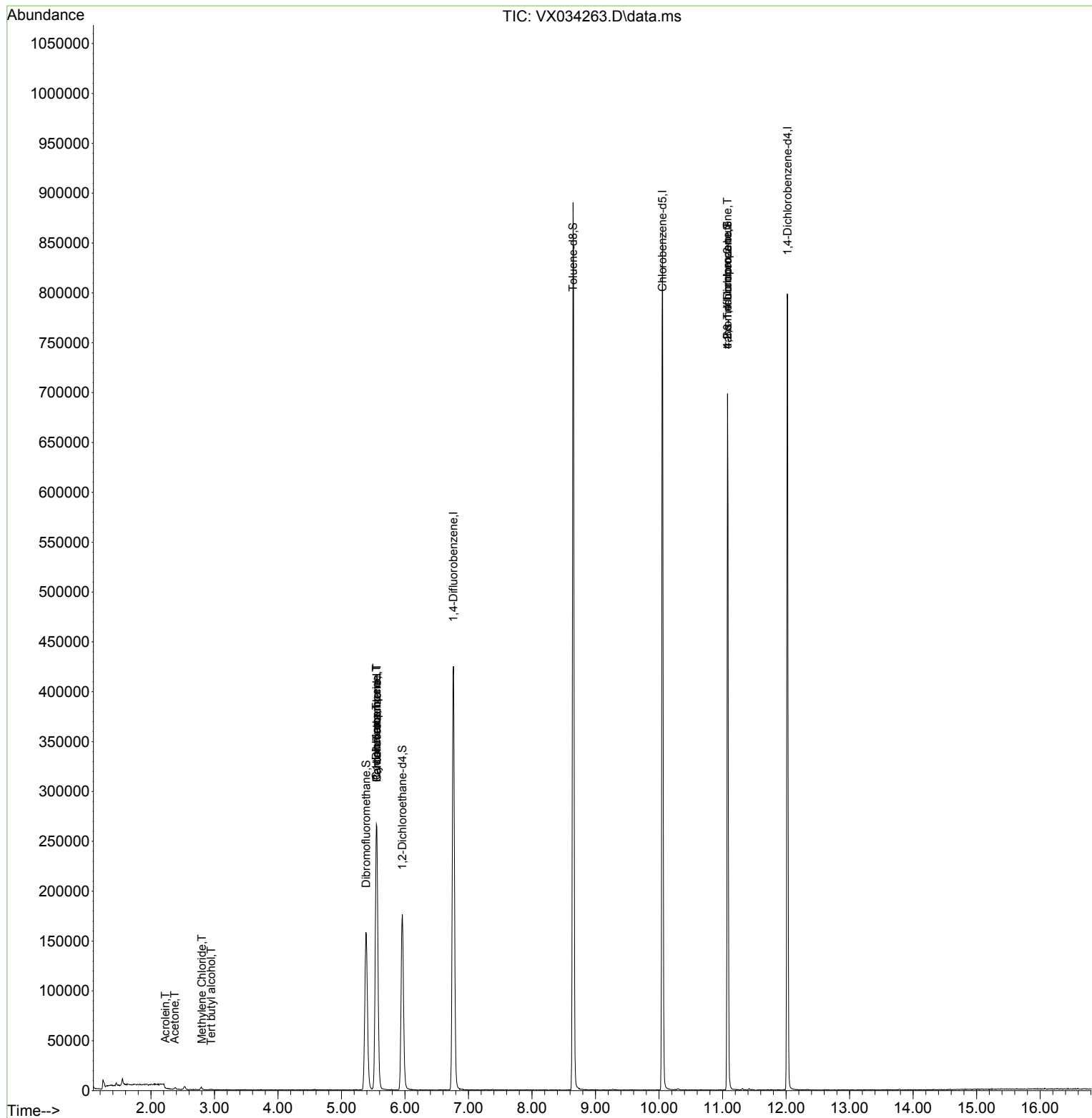
Target Compounds					Qvalue	
5) Bromomethane	1.581	94	31	Below Cal	#	3
11) Tert butyl alcohol	2.947	59	229	0.279	ug/l #	86
13) Acrolein	2.227	56	141	0.376	ug/l #	14
16) Acetone	2.374	43	1918	1.013	ug/l #	88
20) Methylene Chloride	2.800	84	887	0.260	ug/l #	83
31) Cyclohexane	5.550	56	5574	1.017	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	19952	4.590	ug/l #	48
38) Carbon Tetrachloride	5.556	117	25573	5.717	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	90191	20.563	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	90191	52.826	ug/l #	8

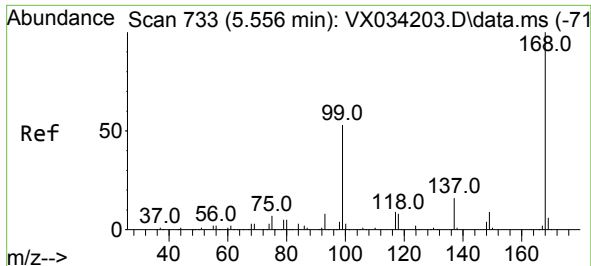
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022423\
Data File : VX034263.D
Acq On : 24 Feb 2023 14:02
Operator : JC/MD
Sample : 01674-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Quant Time: Feb 24 22:22:38 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

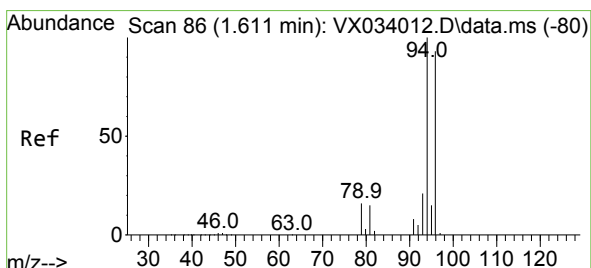
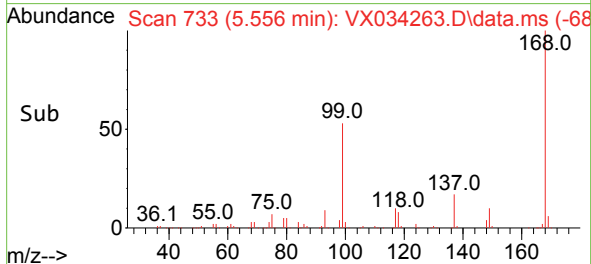
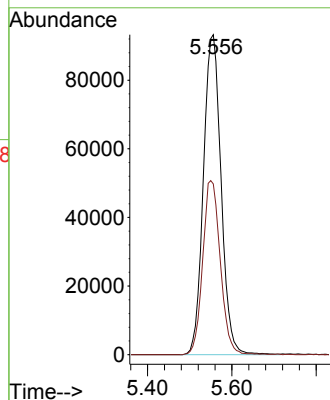
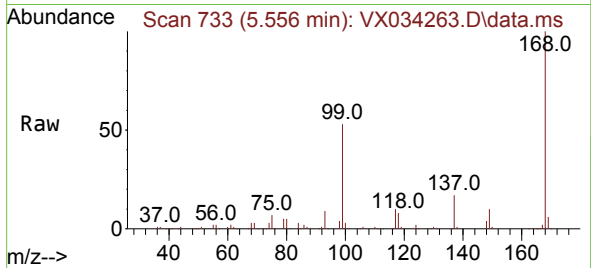




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034263.D
Acq: 24 Feb 2023 14:02

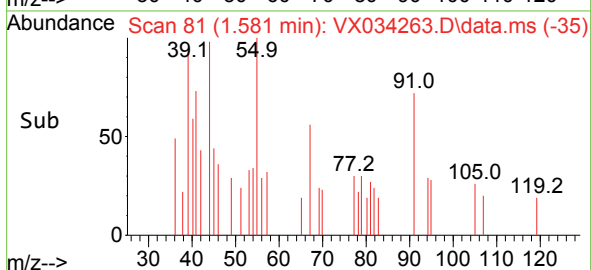
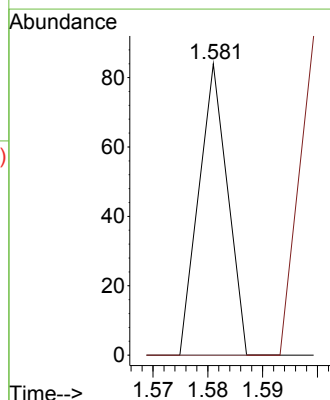
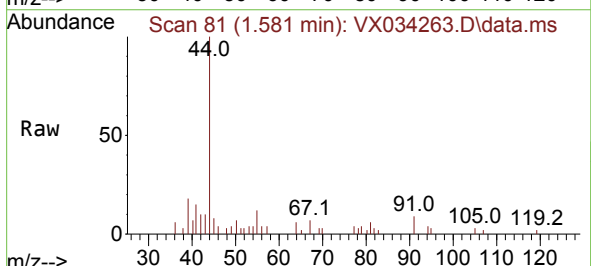
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

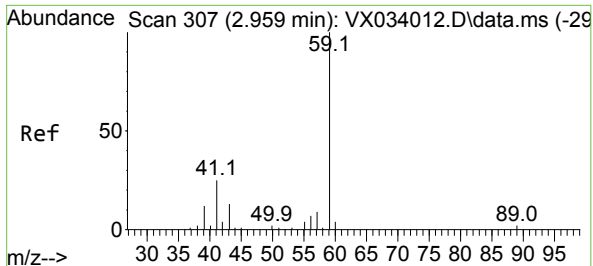
Tgt Ion:168 Resp: 272592
Ion Ratio Lower Upper
168 100
99 53.3 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.581 min Scan# 81
Delta R.T. -0.018 min
Lab File: VX034263.D
Acq: 24 Feb 2023 14:02

Tgt Ion: 94 Resp: 31
Ion Ratio Lower Upper
94 100
96 0.0 74.3 111.5#





#11

Tert butyl alcohol

Concen: 0.279 ug/l

RT: 2.947 min Scan# 30

Delta R.T. -0.006 min

Lab File: VX034263.D

Acq: 24 Feb 2023 14:02

Instrument :

MSVOA_X

ClientSampleId :

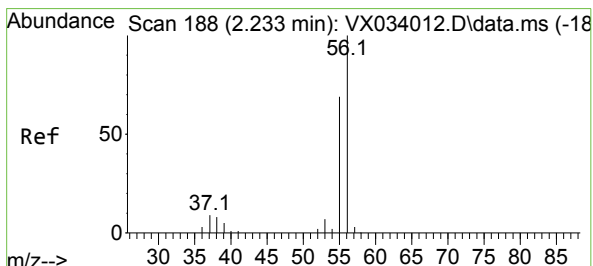
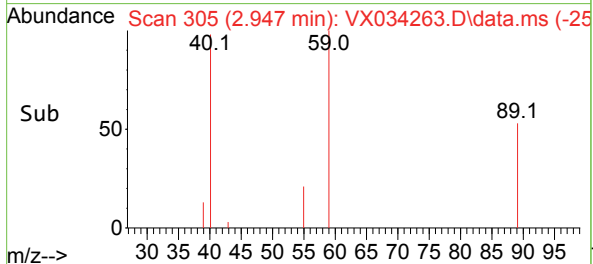
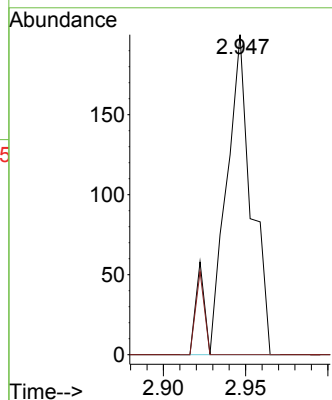
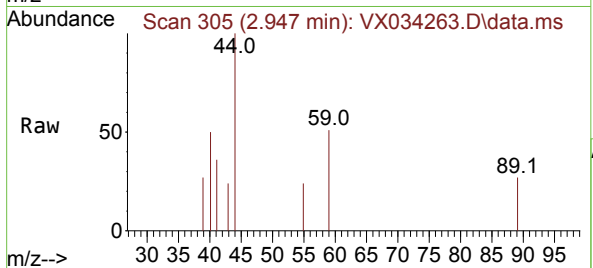
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 59 Resp: 229

Ion Ratio Lower Upper

59 100

57 0.0 3.7 5.5#



#13

Acrolein

Concen: 0.376 ug/l

RT: 2.227 min Scan# 187

Delta R.T. -0.006 min

Lab File: VX034263.D

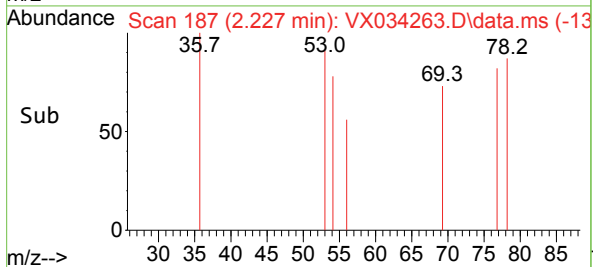
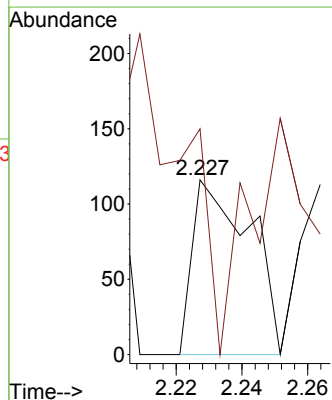
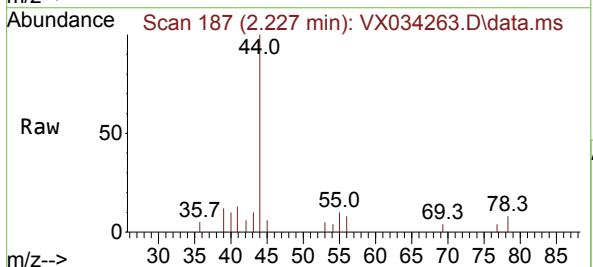
Acq: 24 Feb 2023 14:02

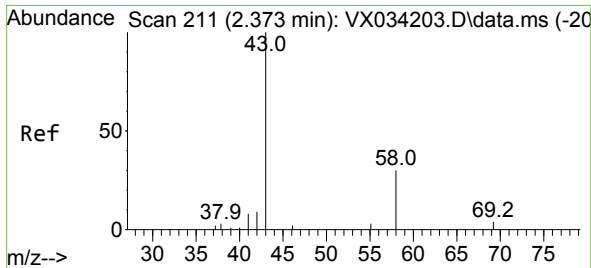
Tgt Ion: 56 Resp: 141

Ion Ratio Lower Upper

56 100

55 0.0 56.3 84.5#





#16

Acetone

Concen: 1.013 ug/l

RT: 2.374 min Scan# 211

Delta R.T. 0.000 min

Lab File: VX034263.D

Acq: 24 Feb 2023 14:02

Instrument :

MSVOA_X

ClientSampleId :

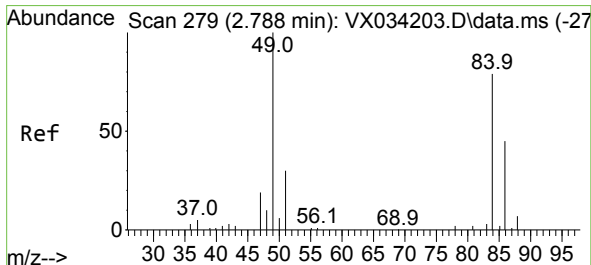
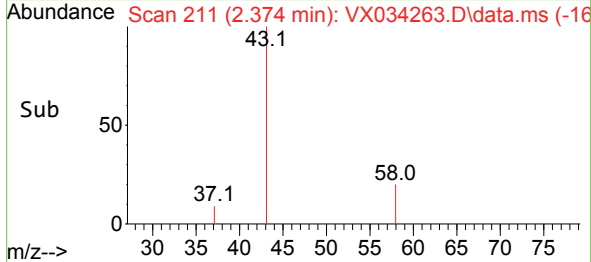
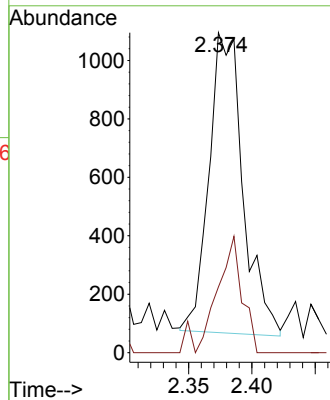
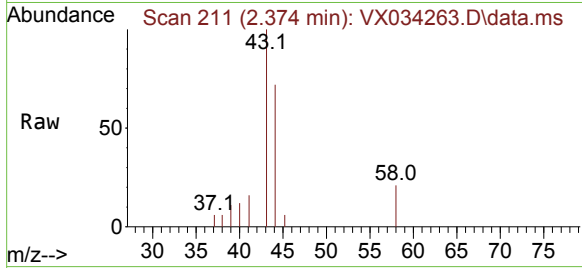
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 43 Resp: 1918

Ion Ratio Lower Upper

43 100

58 22.1 22.6 33.8#



#20

Methylene Chloride

Concen: 0.260 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.012 min

Lab File: VX034263.D

Acq: 24 Feb 2023 14:02

Tgt Ion: 84 Resp: 887

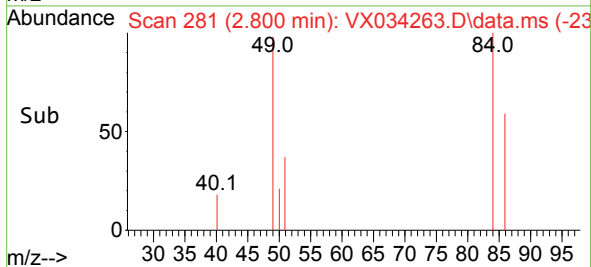
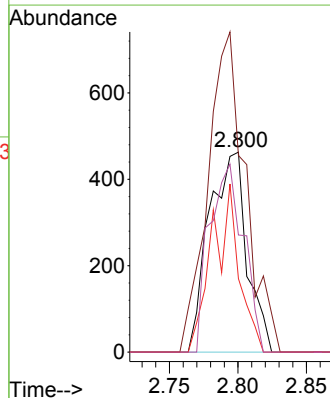
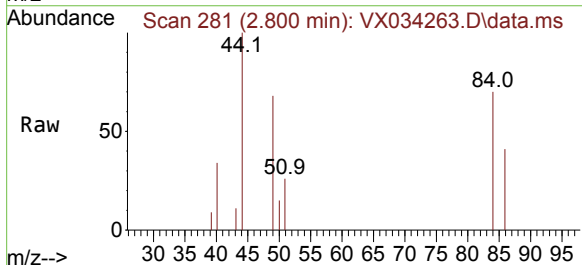
Ion Ratio Lower Upper

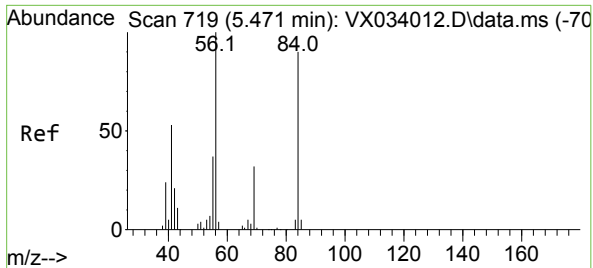
84 100

49 98.3 101.1 151.7#

51 36.7 31.0 46.6

86 58.5 52.6 79.0

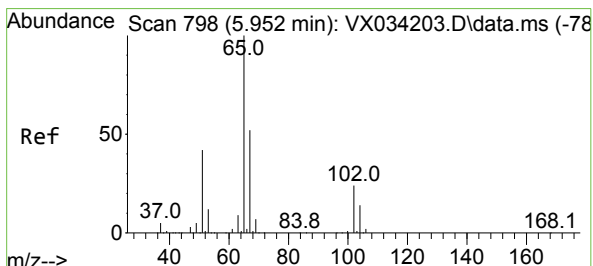
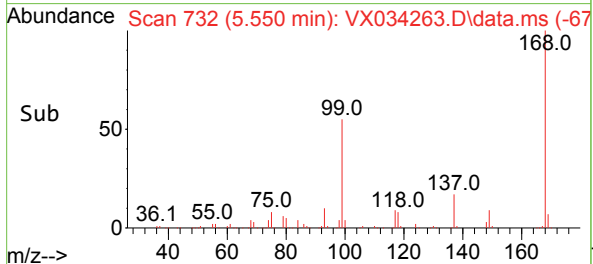
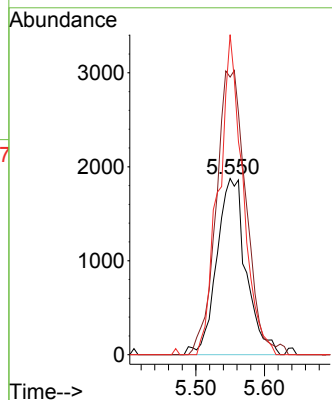
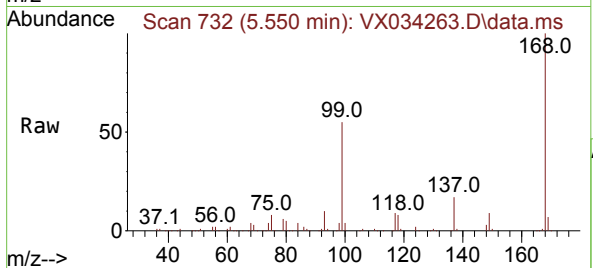




#31
Cyclohexane
Concen: 1.017 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX034263.D
Acq: 24 Feb 2023 14:02

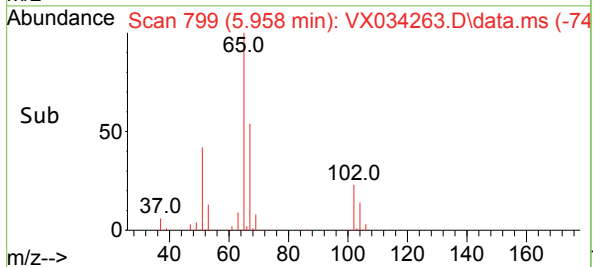
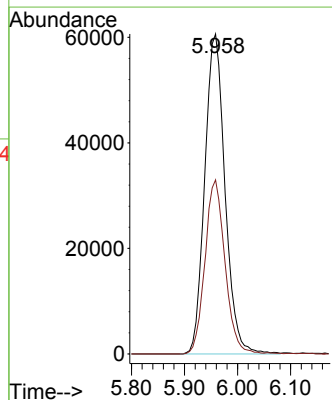
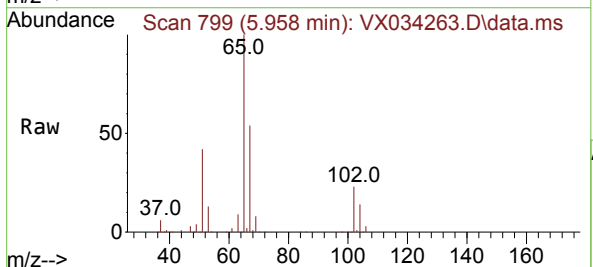
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

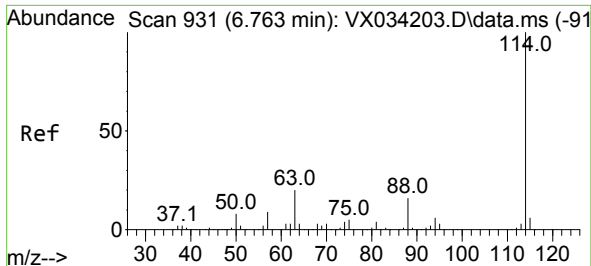
Tgt Ion: 56 Resp: 5574
Ion Ratio Lower Upper
56 100
69 157.5 24.6 37.0#
84 181.7 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 43.787 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX034263.D
Acq: 24 Feb 2023 14:02

Tgt Ion: 65 Resp: 160750
Ion Ratio Lower Upper
65 100
67 53.7 0.0 104.8

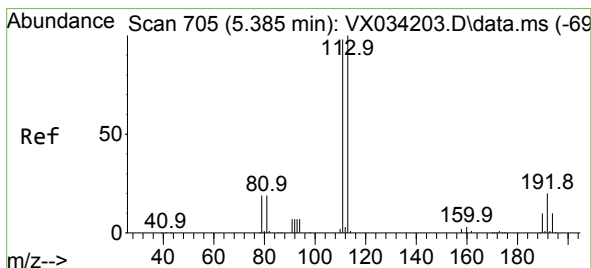
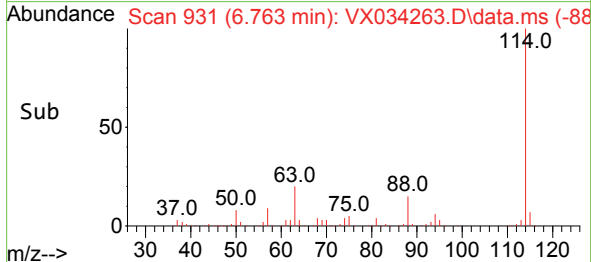
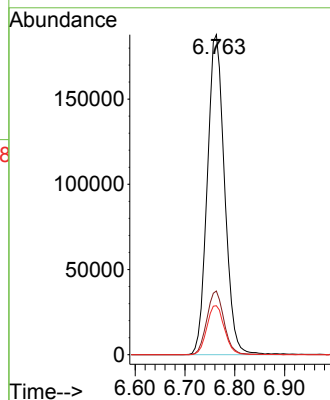
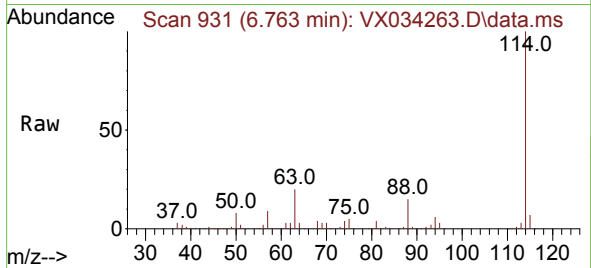




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034263.D
Acq: 24 Feb 2023 14:02

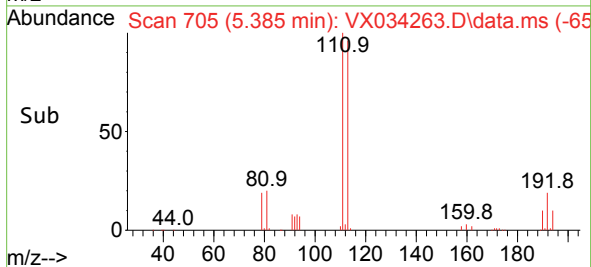
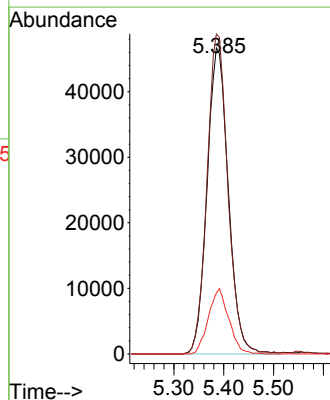
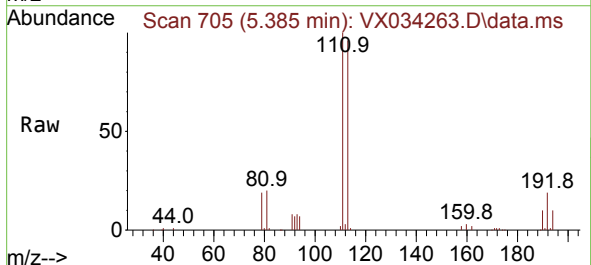
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

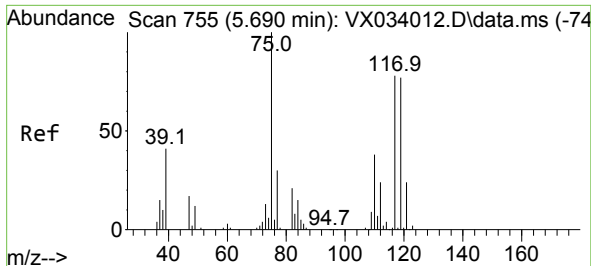
Tgt Ion:114 Resp: 451454
Ion Ratio Lower Upper
114 100
63 19.9 0.0 37.4
88 15.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 47.108 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034263.D
Acq: 24 Feb 2023 14:02

Tgt Ion:113 Resp: 138470
Ion Ratio Lower Upper
113 100
111 102.7 83.0 124.6
192 20.4 19.0 28.4

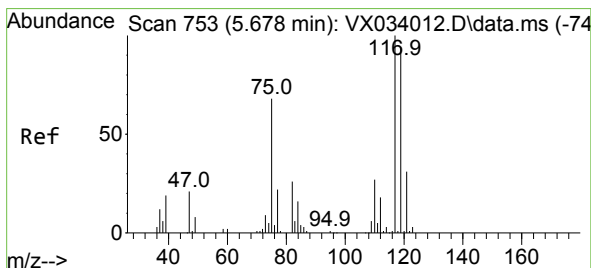
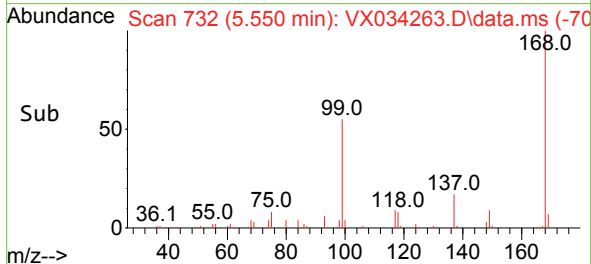
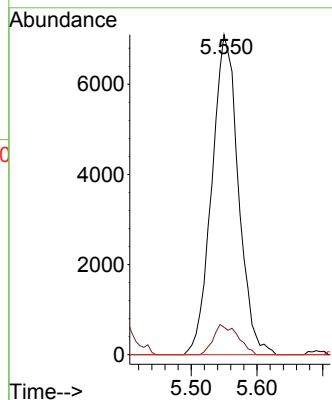
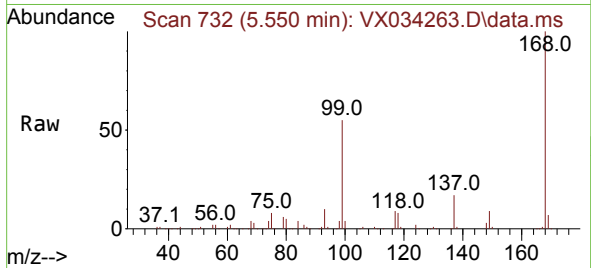




#36
1,1-Dichloropropene
Concen: 4.590 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX034263.D
Acq: 24 Feb 2023 14:02

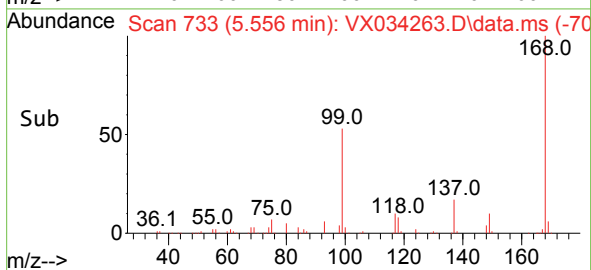
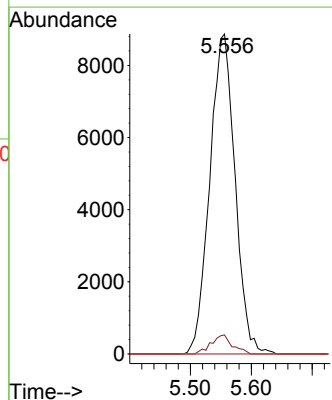
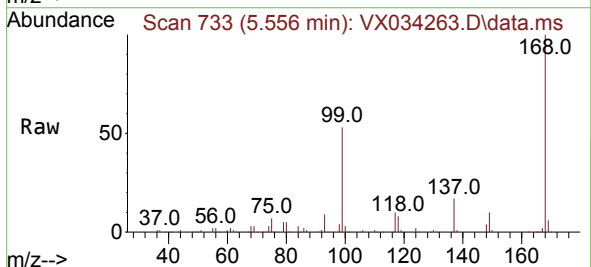
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

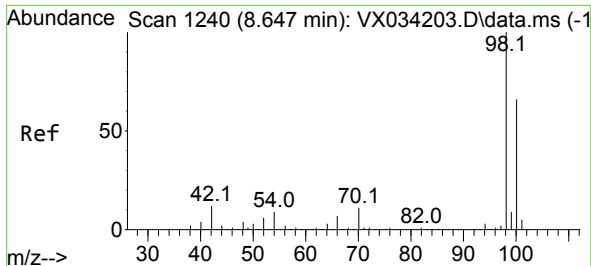
Tgt Ion: 75 Resp: 19952
Ion Ratio Lower Upper
75 100
110 8.7 18.8 56.4#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.717 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.116 min
Lab File: VX034263.D
Acq: 24 Feb 2023 14:02

Tgt Ion: 117 Resp: 25573
Ion Ratio Lower Upper
117 100
119 5.9 78.0 117.0#
121 0.0 24.4 36.6#

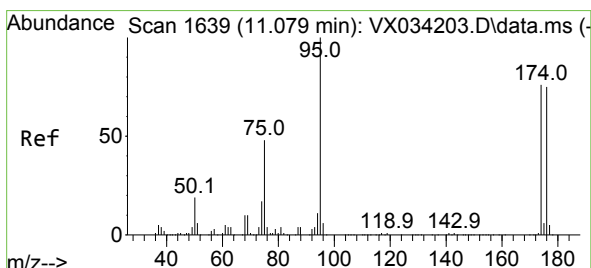
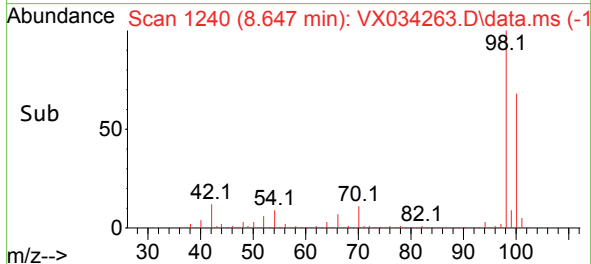
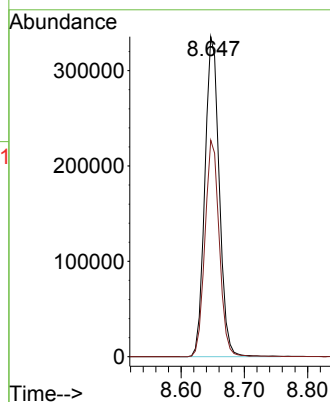
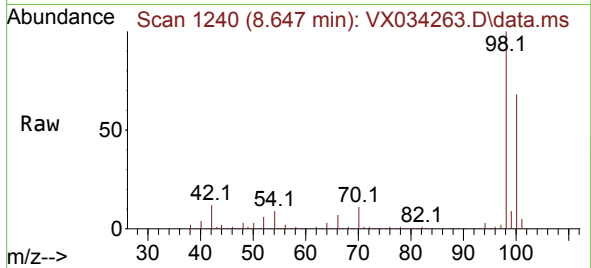




#50
Toluene-d8
Concen: 50.301 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034263.D
Acq: 24 Feb 2023 14:02

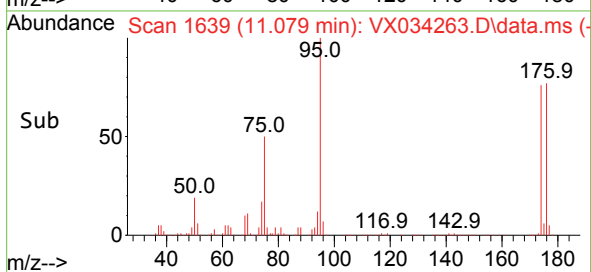
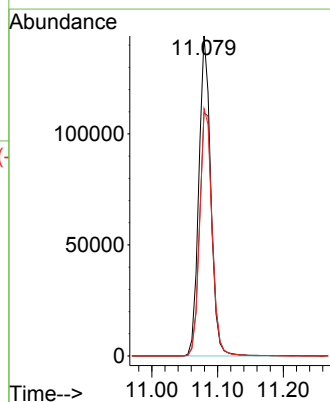
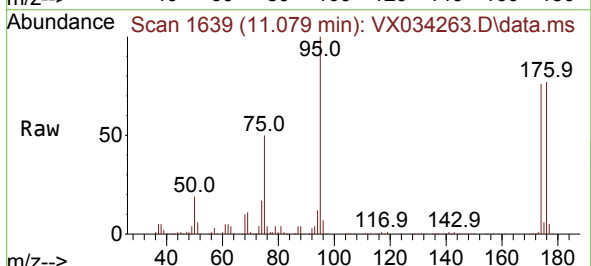
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

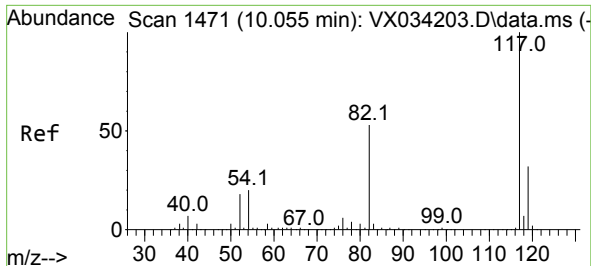
Tgt Ion: 98 Resp: 530854
Ion Ratio Lower Upper
98 100
100 67.5 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 44.855 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034263.D
Acq: 24 Feb 2023 14:02

Tgt Ion: 95 Resp: 181068
Ion Ratio Lower Upper
95 100
174 81.3 0.0 184.4
176 79.6 0.0 178.8

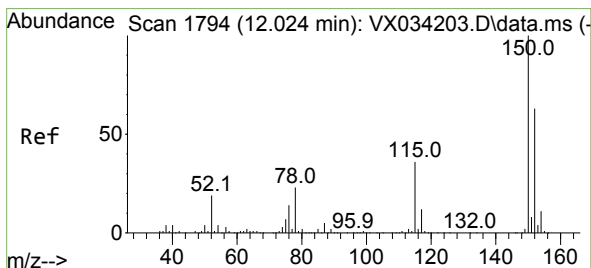
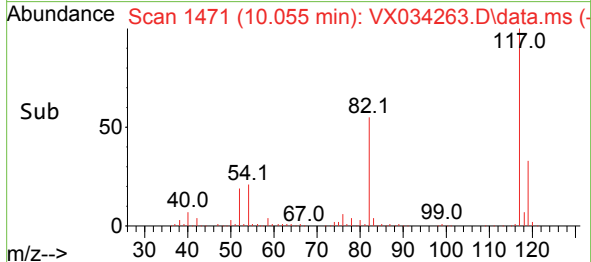
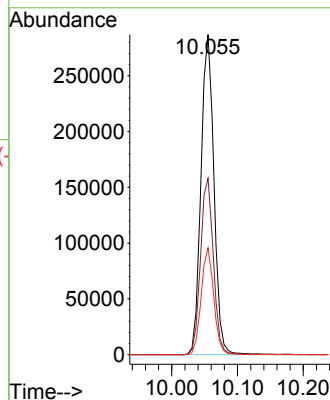
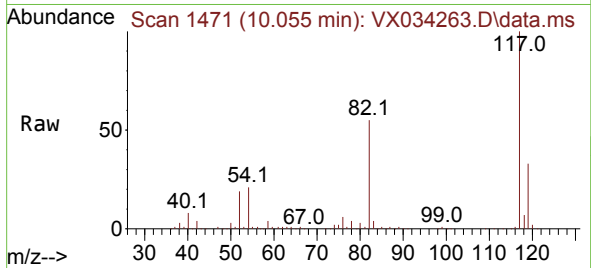




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034263.D
Acq: 24 Feb 2023 14:02

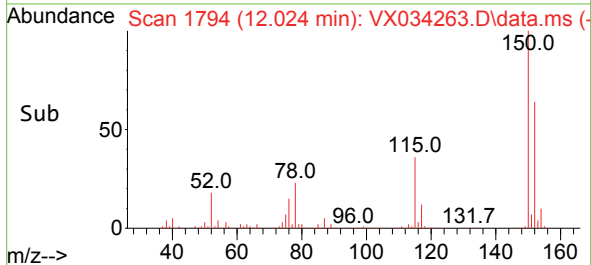
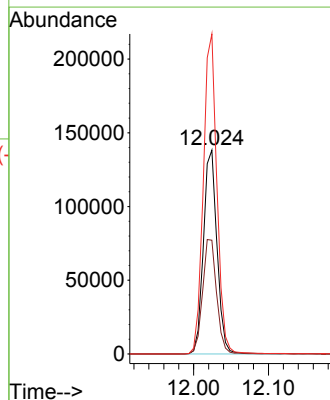
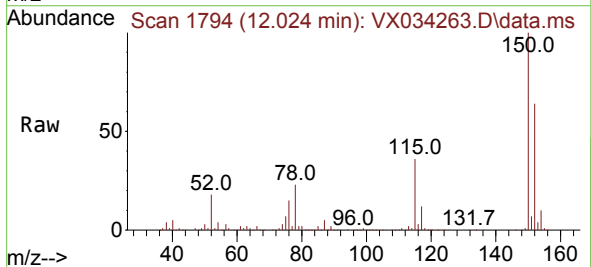
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

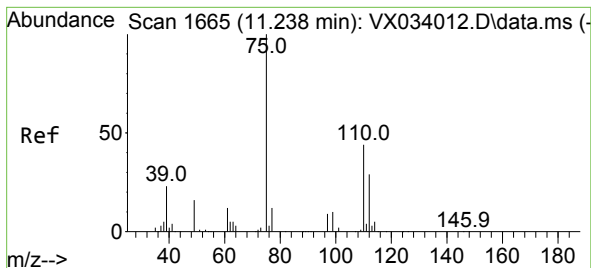
Tgt Ion:117 Resp: 394134
Ion Ratio Lower Upper
117 100
82 55.1 40.6 60.8
119 33.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034263.D
Acq: 24 Feb 2023 14:02

Tgt Ion:152 Resp: 174305
Ion Ratio Lower Upper
152 100
115 58.2 38.7 116.1
150 156.9 0.0 348.2





#76

1,2,3-Trichloropropane

Concen: 20.563 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX034263.D

Acq: 24 Feb 2023 14:02

Instrument :

MSVOA_X

ClientSampleId :

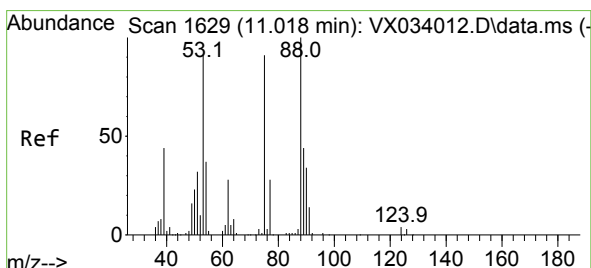
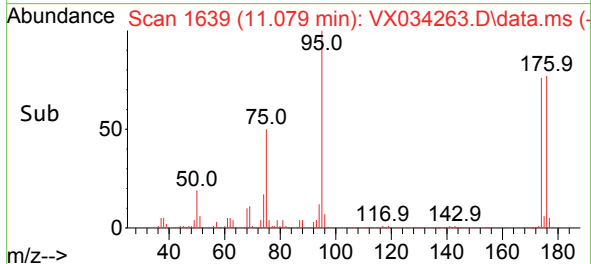
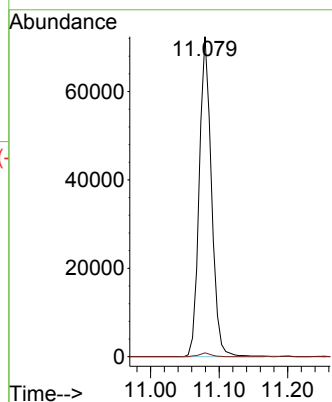
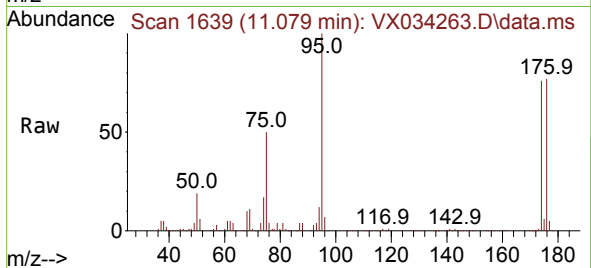
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 75 Resp: 90191

Ion Ratio Lower Upper

75 100

77 1.2 21.8 65.4#



#81

trans-1,4-Dichloro-2-butene

Concen: 52.826 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX034263.D

Acq: 24 Feb 2023 14:02

Tgt Ion: 75 Resp: 90191

Ion Ratio Lower Upper

75 100

53 0.0 83.0 124.6#

89 0.0 37.7 56.5#

