

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022423\
 Data File : VX034262.D
 Acq On : 24 Feb 2023 13:39
 Operator : JC/MD
 Sample : 01674-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Feb 24 22:22:18 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	285710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	472956	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	414140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	180625	50.000	ug/l	0.00

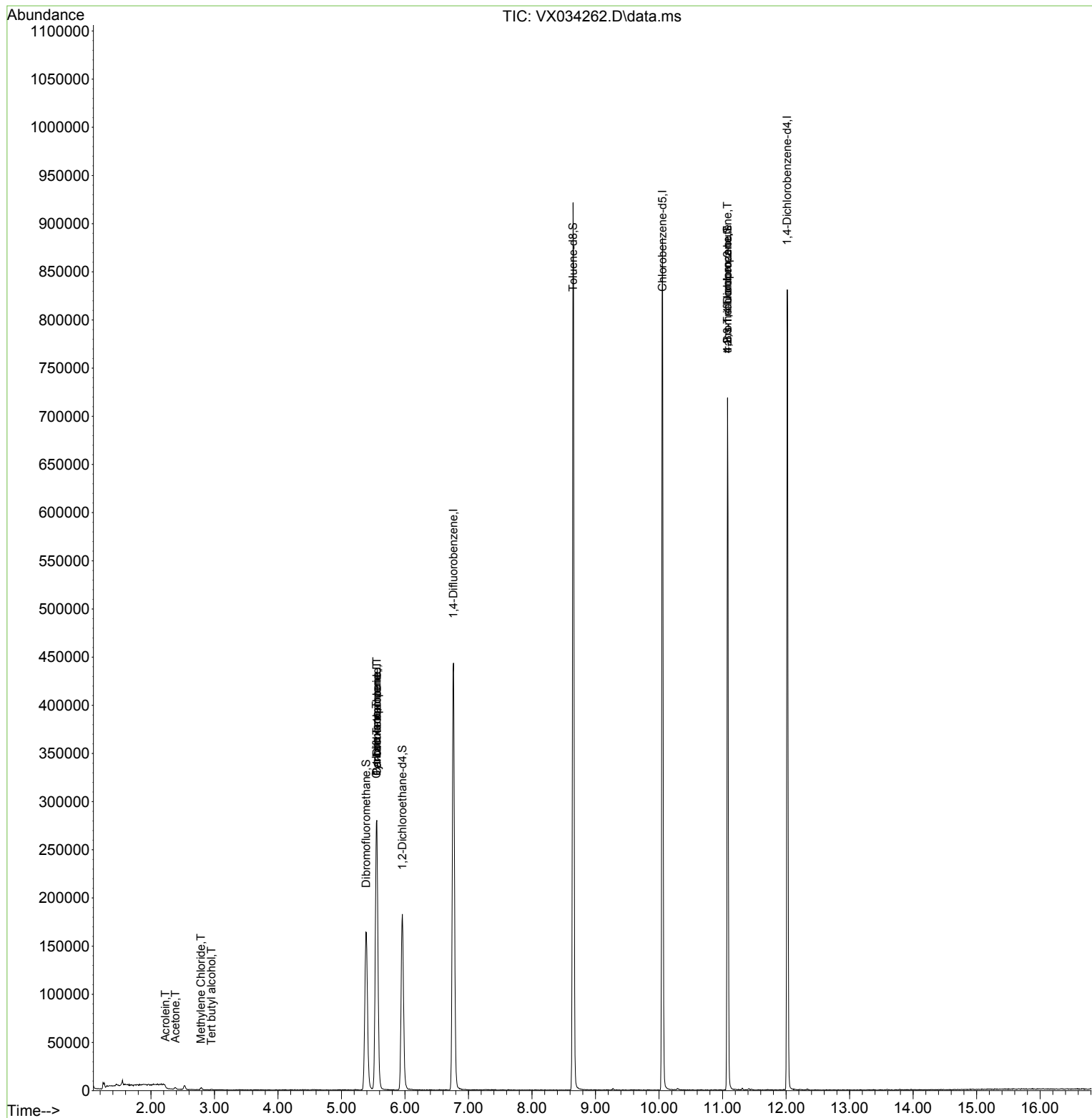
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	168949	43.908	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.820%
35) Dibromofluoromethane	5.385	113	146974	47.728	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.460%
50) Toluene-d8	8.647	98	559016	50.562	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.120%
62) 4-Bromofluorobenzene	11.079	95	188374	44.543	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.080%

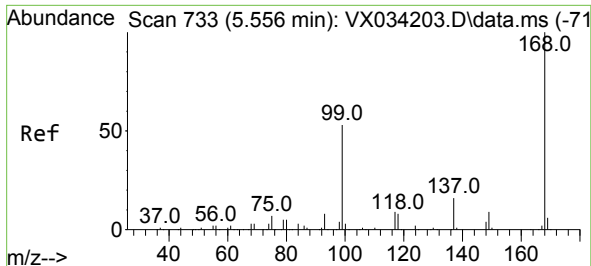
Target Compounds					Qvalue	
5) Bromomethane	1.611	94	352	Below Cal	#	74
11) Tert butyl alcohol	2.953	59	211	0.245	ug/l #	86
13) Acrolein	2.227	56	275	0.700	ug/l #	14
16) Acetone	2.386	43	1997	1.006	ug/l	97
20) Methylene Chloride	2.788	84	1231	0.344	ug/l #	73
31) Cyclohexane	5.550	56	5955	1.037	ug/l #	2
36) 1,1-Dichloropropene	5.556	75	20848	4.578	ug/l #	49
38) Carbon Tetrachloride	5.556	117	26092	5.568	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	93414	20.553	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	93414	52.799	ug/l #	8

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

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MSVOA_X
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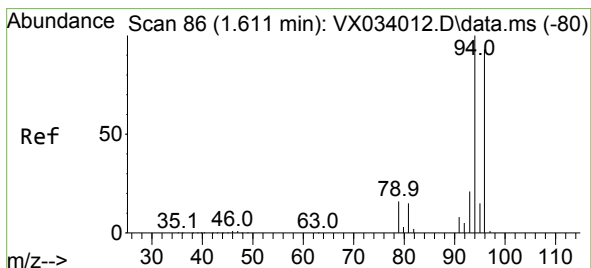
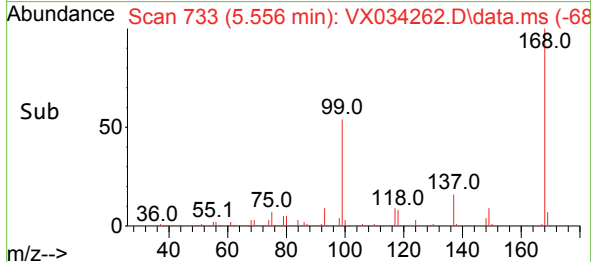
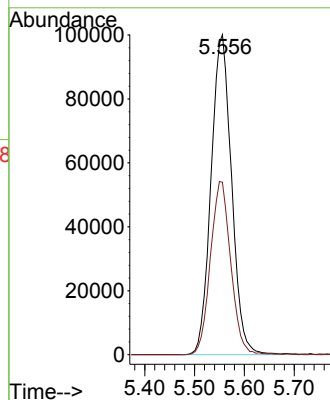
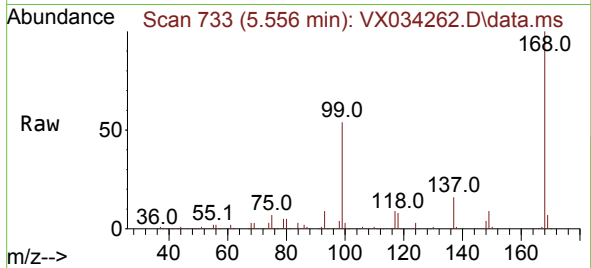




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034262.D
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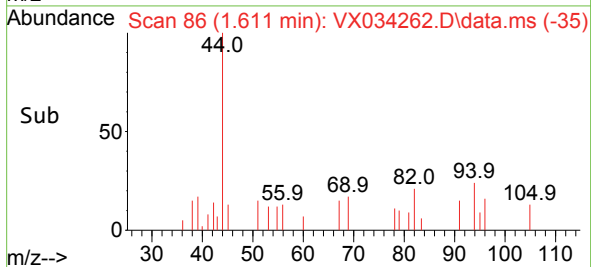
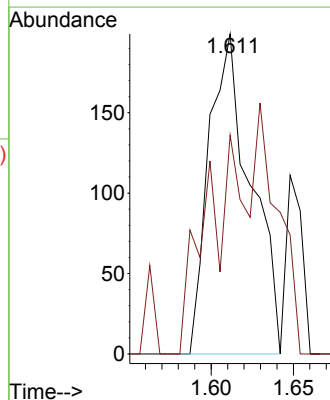
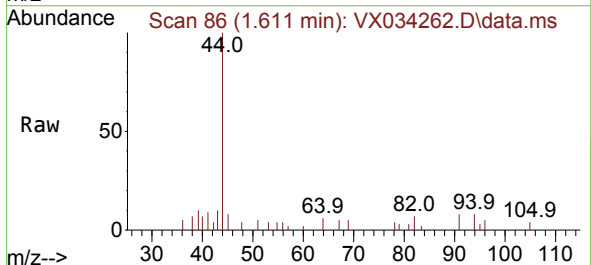
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

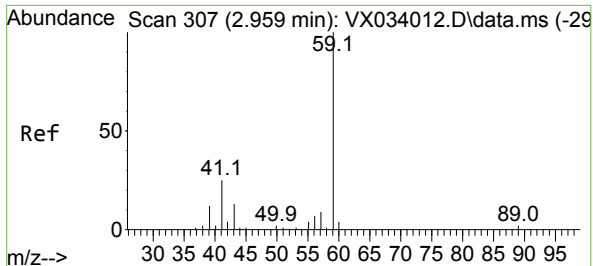
Tgt Ion:168 Resp: 285710
Ion Ratio Lower Upper
168 100
99 53.9 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX034262.D
Acq: 24 Feb 2023 13:39

Tgt Ion: 94 Resp: 352
Ion Ratio Lower Upper
94 100
96 68.3 74.3 111.5#





#11

Tert butyl alcohol

Concen: 0.245 ug/l

RT: 2.953 min Scan# 307

Delta R.T. 0.000 min

Lab File: VX034262.D

Acq: 24 Feb 2023 13:39

Instrument :

MSVOA_X

ClientSampleId :

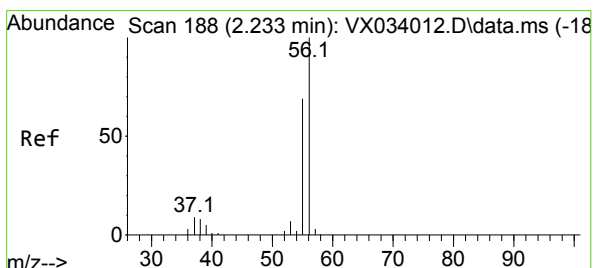
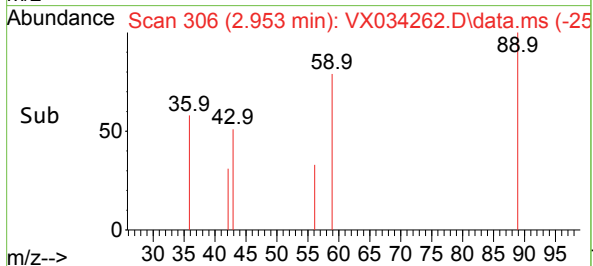
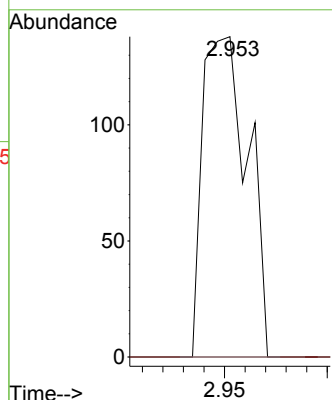
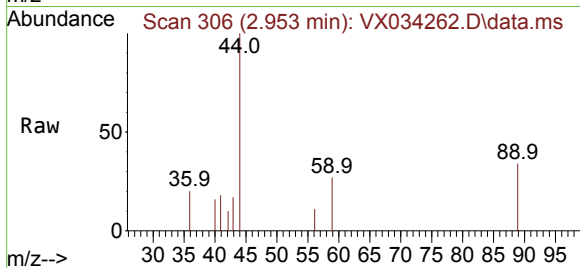
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 59 Resp: 211

Ion Ratio Lower Upper

59 100

57 0.0 3.7 5.5#



#13

Acrolein

Concen: 0.700 ug/l

RT: 2.227 min Scan# 187

Delta R.T. -0.006 min

Lab File: VX034262.D

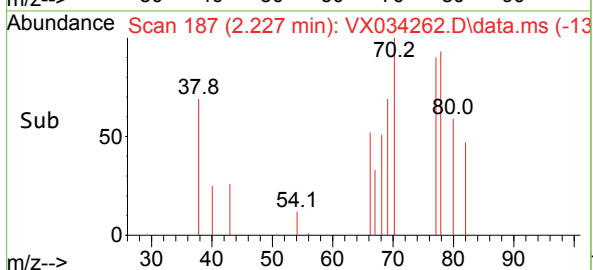
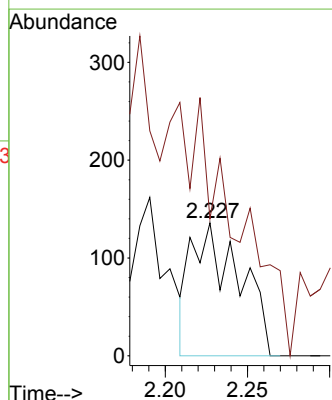
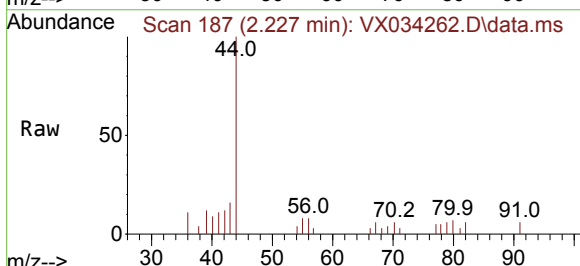
Acq: 24 Feb 2023 13:39

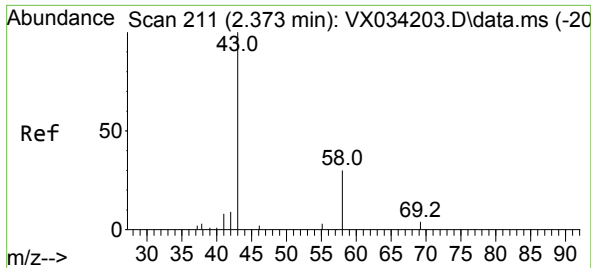
Tgt Ion: 56 Resp: 275

Ion Ratio Lower Upper

56 100

55 0.0 56.3 84.5#





#16

Acetone

Concen: 1.006 ug/l

RT: 2.386 min Scan# 211

Delta R.T. 0.012 min

Lab File: VX034262.D

Acq: 24 Feb 2023 13:39

Instrument :

MSVOA_X

ClientSampleId :

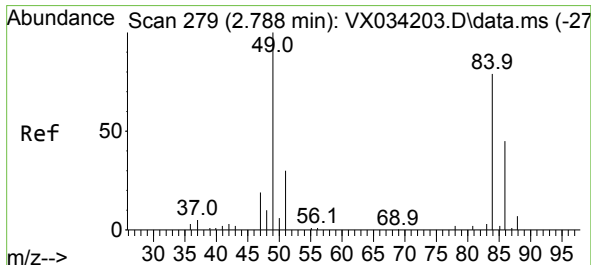
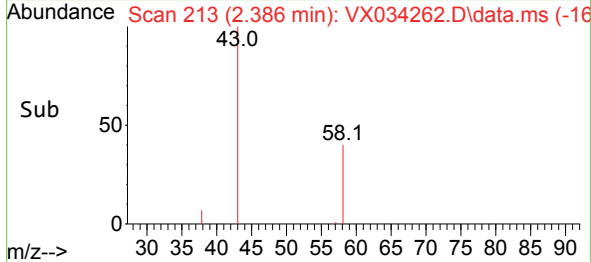
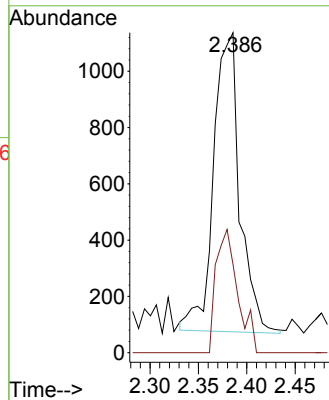
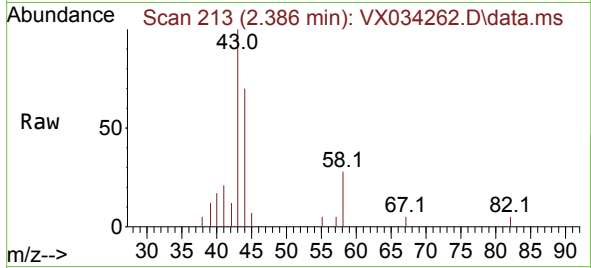
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 43 Resp: 1997

Ion Ratio Lower Upper

43 100

58 29.7 22.6 33.8



#20

Methylene Chloride

Concen: 0.344 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX034262.D

Acq: 24 Feb 2023 13:39

Tgt Ion: 84 Resp: 1231

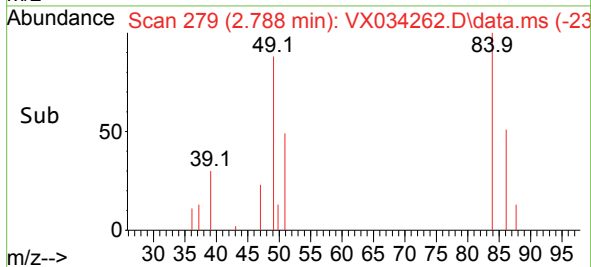
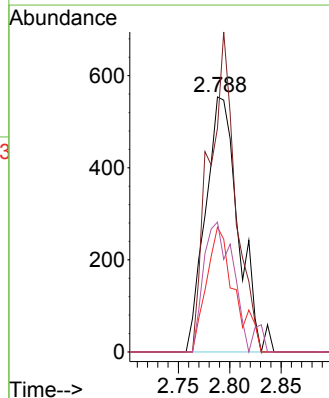
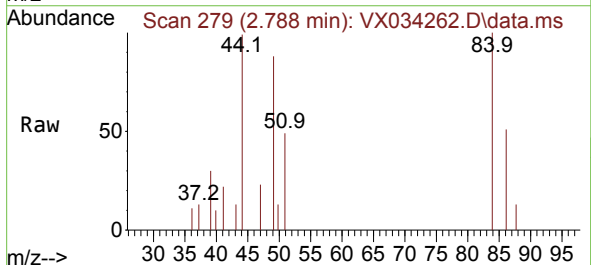
Ion Ratio Lower Upper

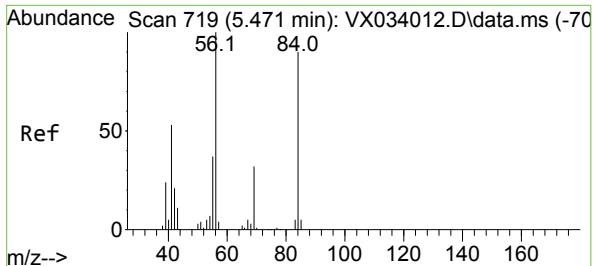
84 100

49 87.7 101.1 151.7#

51 48.9 31.0 46.6#

86 50.9 52.6 79.0#

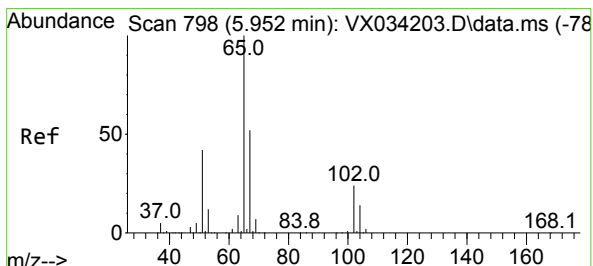
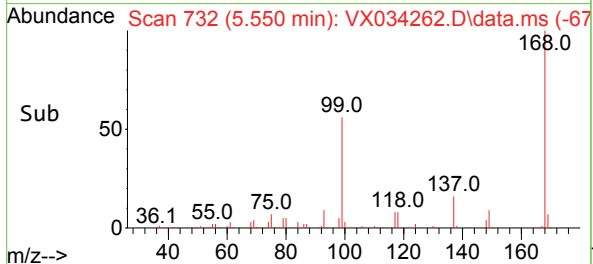
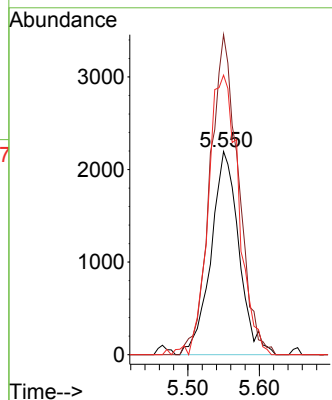
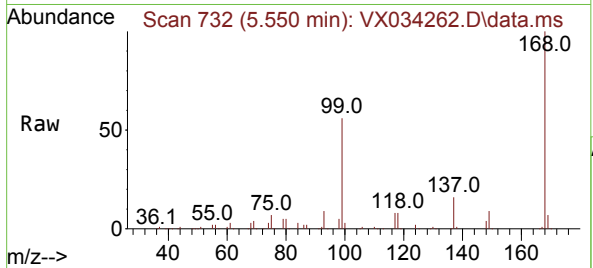




#31
Cyclohexane
Concen: 1.037 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX034262.D
Acq: 24 Feb 2023 13:39

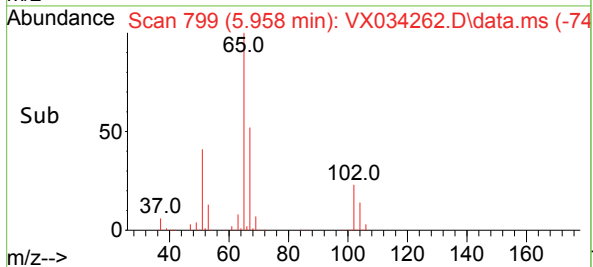
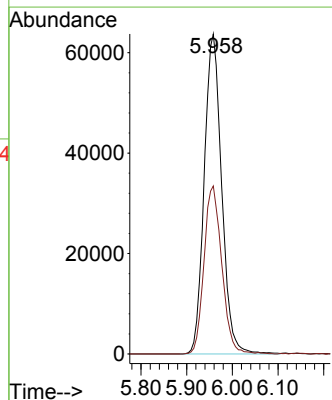
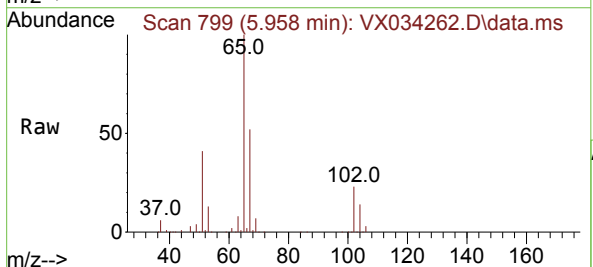
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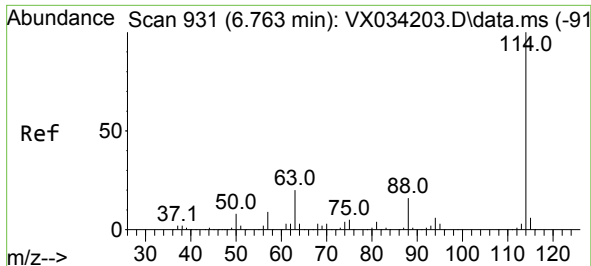
Tgt Ion: 56 Resp: 5955
Ion Ratio Lower Upper
56 100
69 157.4 24.6 37.0#
84 137.5 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 43.908 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX034262.D
Acq: 24 Feb 2023 13:39

Tgt Ion: 65 Resp: 168949
Ion Ratio Lower Upper
65 100
67 53.3 0.0 104.8

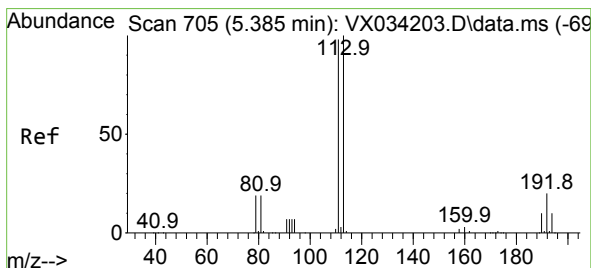
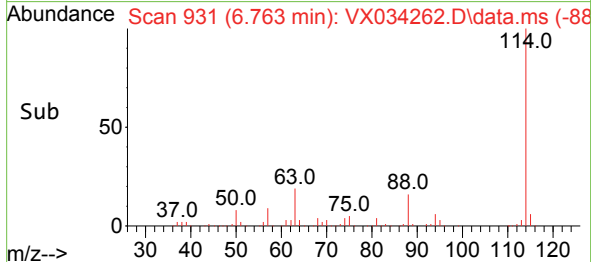
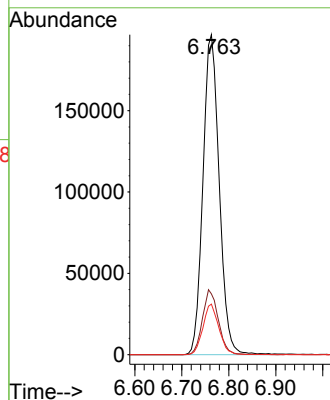
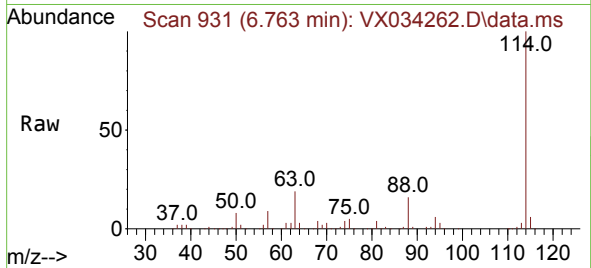




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034262.D
Acq: 24 Feb 2023 13:39

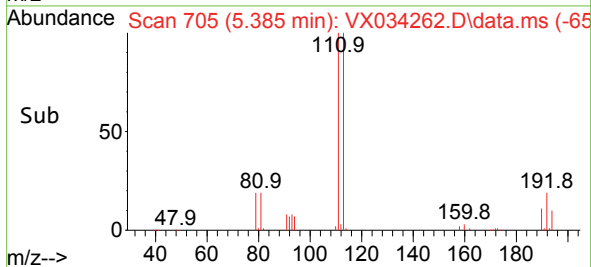
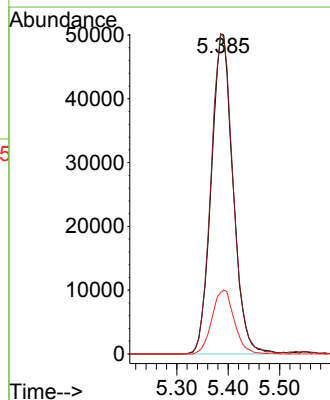
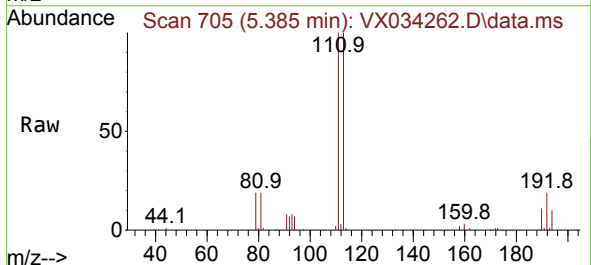
Instrument :
MSVOA_X
ClientSampleId :
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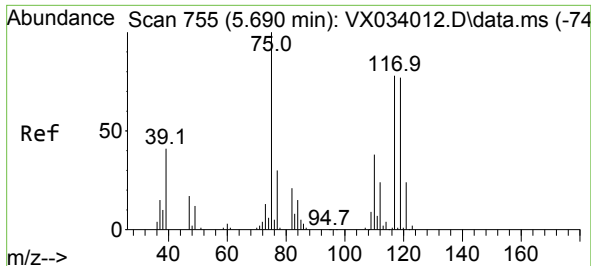
Tgt Ion:114 Resp: 472956
Ion Ratio Lower Upper
114 100
63 19.0 0.0 37.4
88 15.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 47.728 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034262.D
Acq: 24 Feb 2023 13:39

Tgt Ion:113 Resp: 146974
Ion Ratio Lower Upper
113 100
111 102.0 83.0 124.6
192 20.5 19.0 28.4

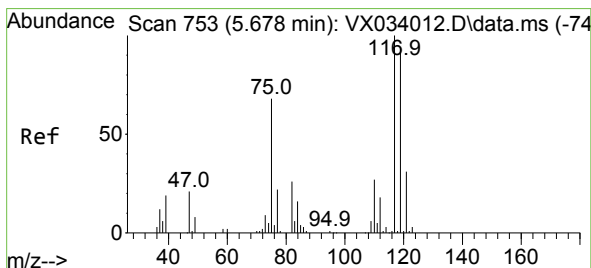
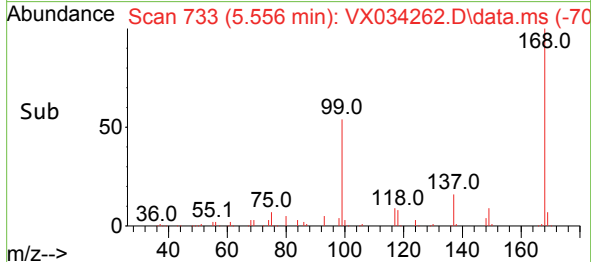
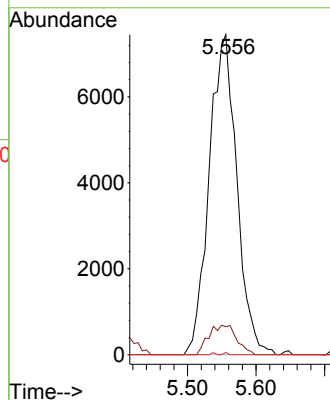
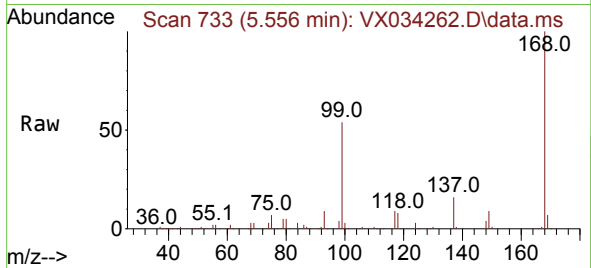




#36
1,1-Dichloropropene
Concen: 4.578 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX034262.D
Acq: 24 Feb 2023 13:39

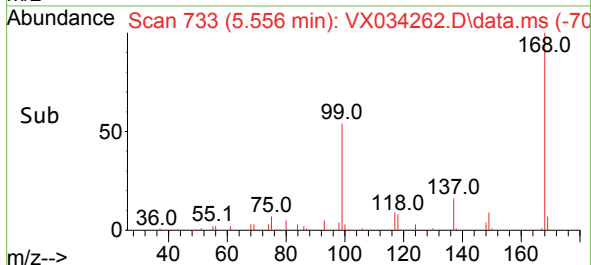
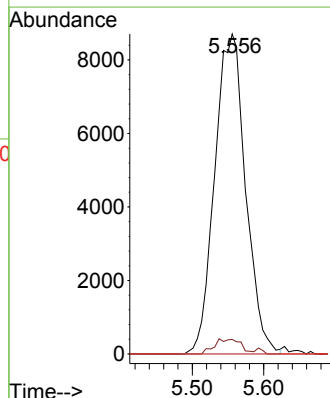
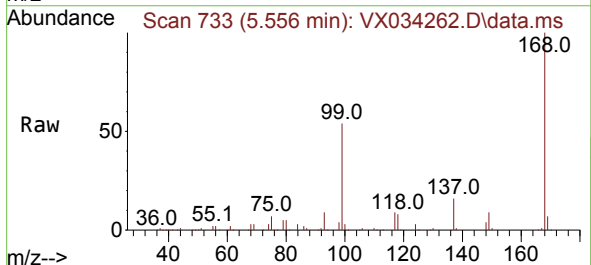
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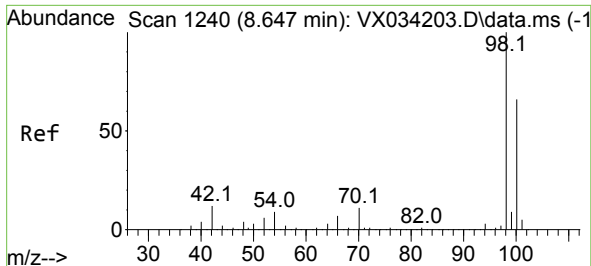
Tgt Ion: 75 Resp: 20848
Ion Ratio Lower Upper
75 100
110 9.3 18.8 56.4#
77 0.1 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.568 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.116 min
Lab File: VX034262.D
Acq: 24 Feb 2023 13:39

Tgt Ion: 117 Resp: 26092
Ion Ratio Lower Upper
117 100
119 4.6 78.0 117.0#
121 0.0 24.4 36.6#

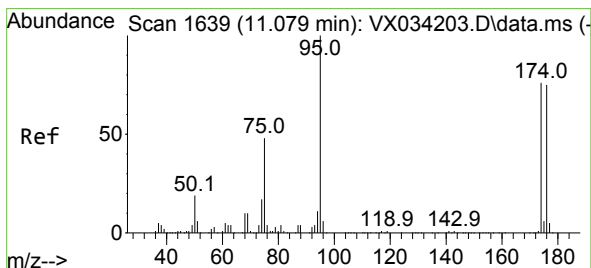
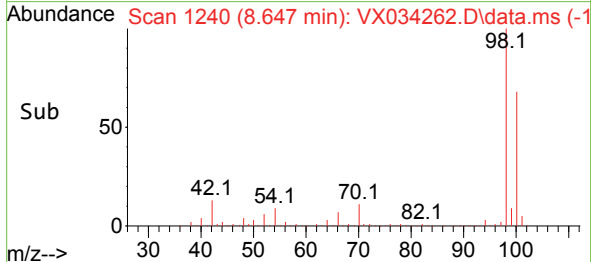
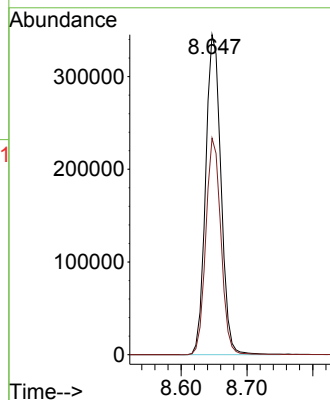
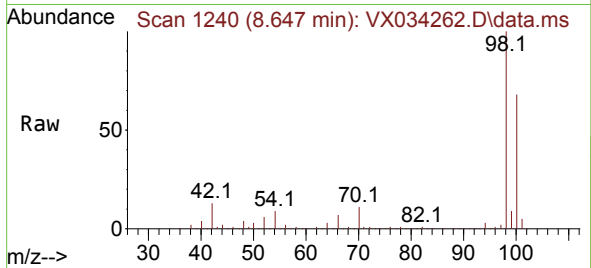




#50
Toluene-d8
Concen: 50.562 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034262.D
Acq: 24 Feb 2023 13:39

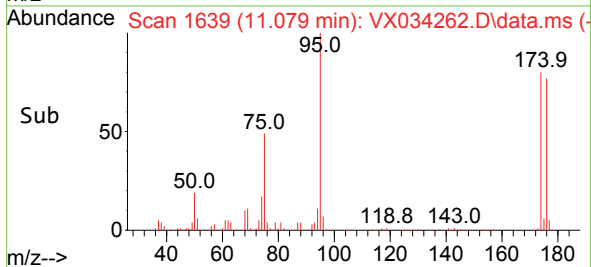
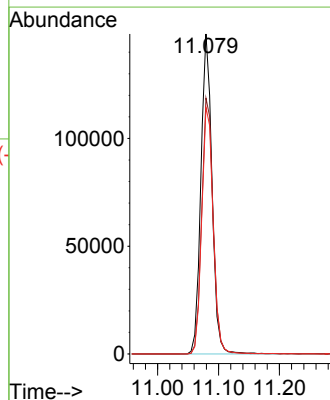
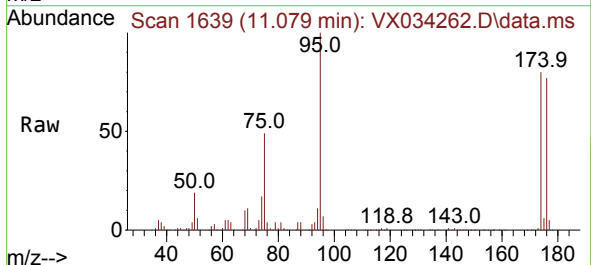
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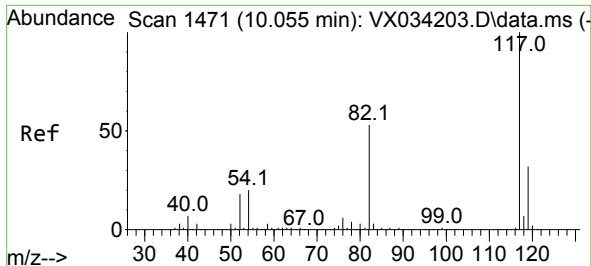
Tgt Ion: 98 Resp: 559016
Ion Ratio Lower Upper
98 100
100 66.7 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 44.543 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034262.D
Acq: 24 Feb 2023 13:39

Tgt Ion: 95 Resp: 188374
Ion Ratio Lower Upper
95 100
174 82.4 0.0 184.4
176 79.7 0.0 178.8

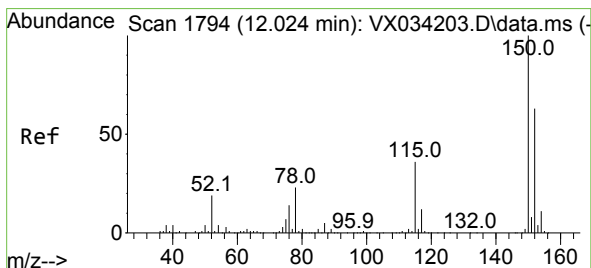
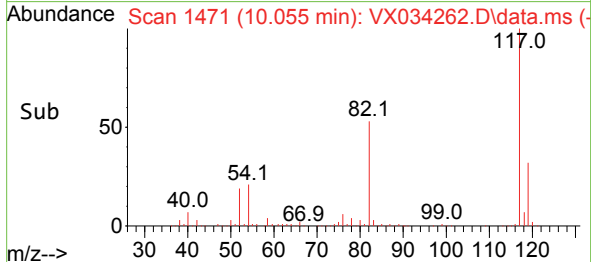
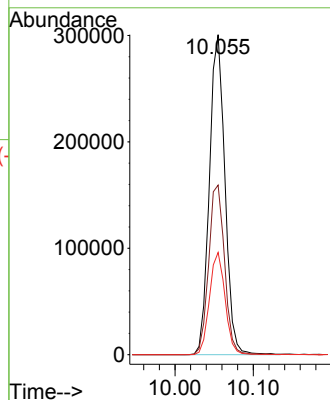
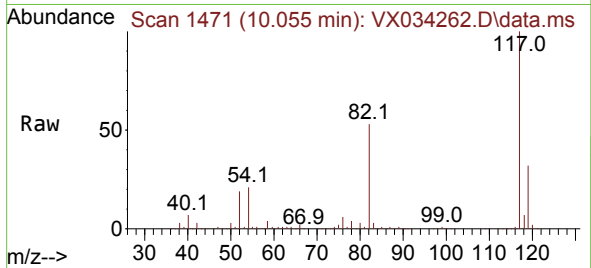




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034262.D
Acq: 24 Feb 2023 13:39

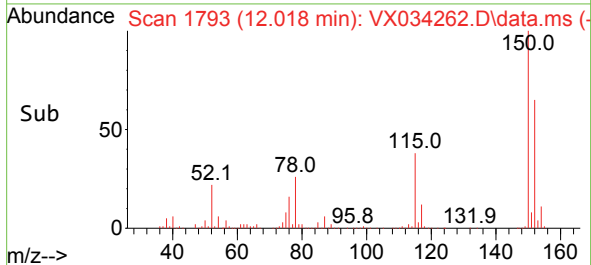
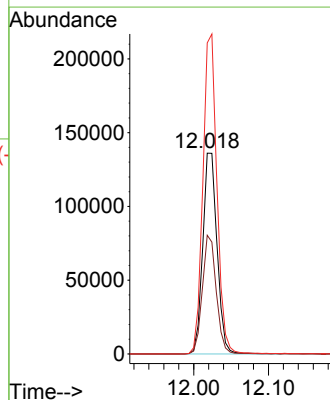
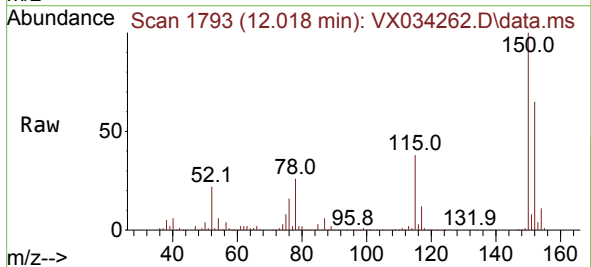
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

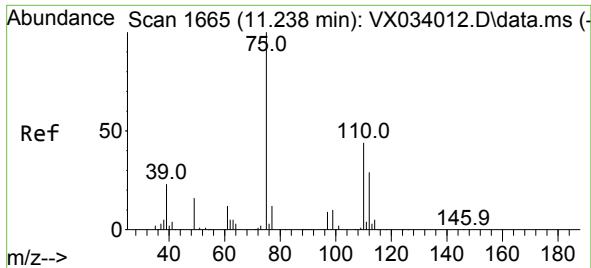
Tgt Ion:	117	Resp:	414140
Ion	Ratio	Lower	Upper
117	100		
82	53.0	40.6	60.8
119	31.9	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX034262.D
Acq: 24 Feb 2023 13:39

Tgt Ion:	152	Resp:	180625
Ion	Ratio	Lower	Upper
152	100		
115	57.5	38.7	116.1
150	156.6	0.0	348.2

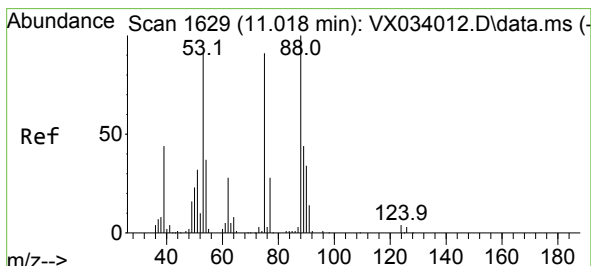
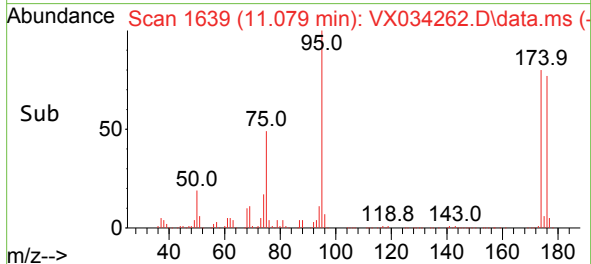
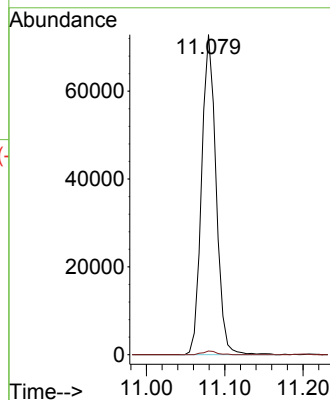
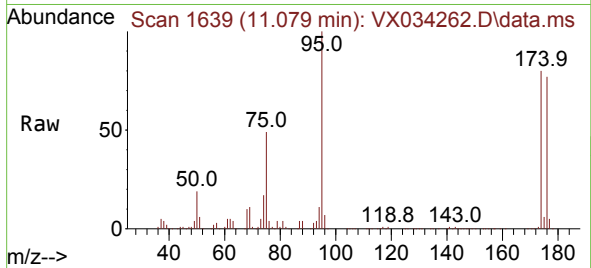




#76
1,2,3-Trichloropropane
Concen: 20.553 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034262.D
Acq: 24 Feb 2023 13:39

Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-WATER-REF-5

Tgt Ion: 75 Resp: 93414
Ion Ratio Lower Upper
75 100
77 1.1 21.8 65.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 52.799 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034262.D
Acq: 24 Feb 2023 13:39

Tgt Ion: 75 Resp: 93414
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#

