

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030223\
 Data File : VX034304.D
 Acq On : 02 Mar 2023 13:23
 Operator : JC/MD
 Sample : 01759-01 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DEP-1

Quant Time: Mar 03 00:23:20 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)

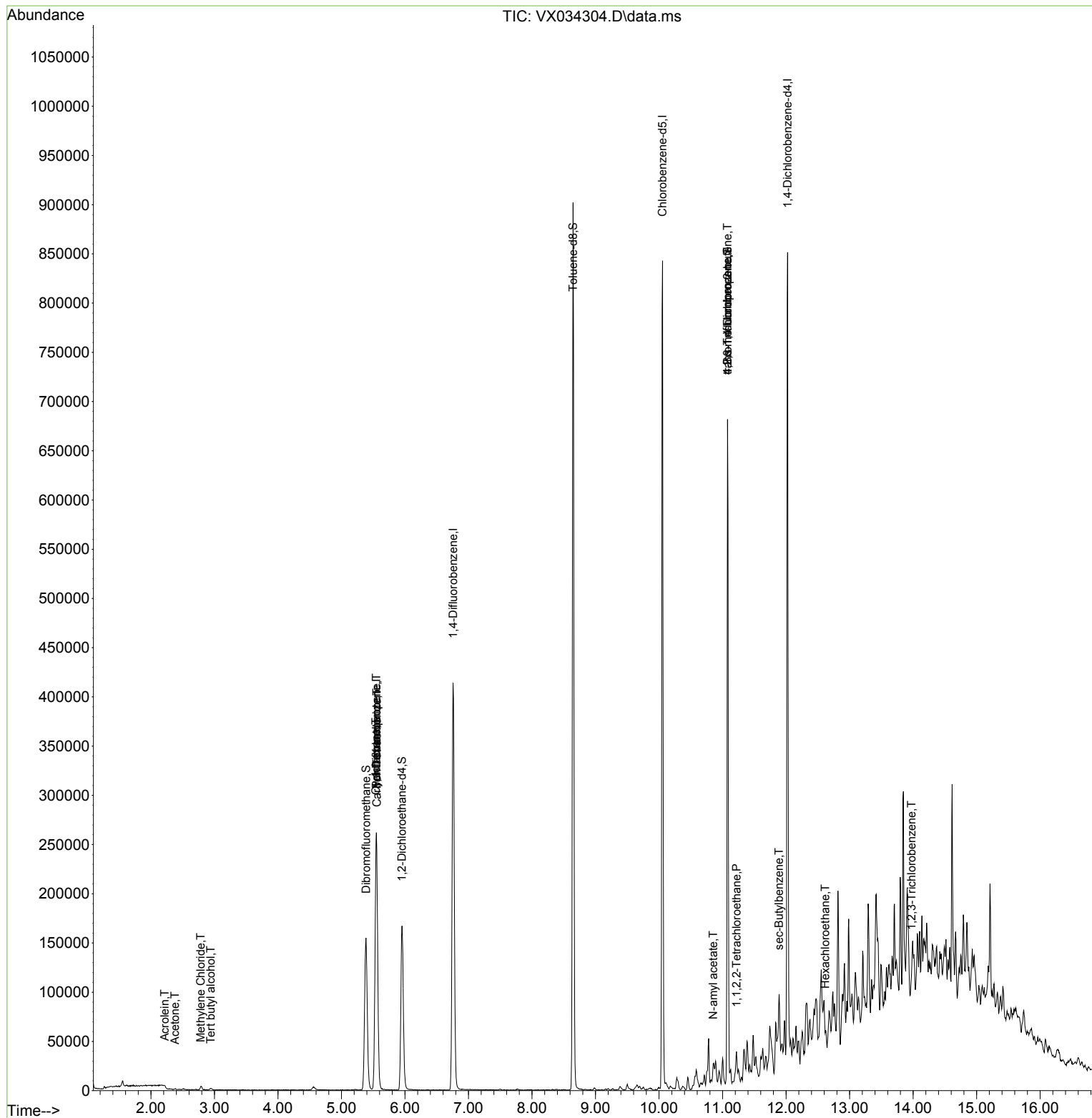
Internal Standards						
1) Pentafluorobenzene	5.550	168	264368	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	437229	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	386767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	175997	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	156546	43.969	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.940%
35) Dibromofluoromethane	5.385	113	134785	47.346	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.700%
50) Toluene-d8	8.647	98	515489	50.435	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.860%
62) 4-Bromofluorobenzene	11.079	95	177847	45.490	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.980%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	150	Below Cal	#	3
11) Tert butyl alcohol	2.940	59	922	1.158	ug/l #	86
13) Acrolein	2.215	56	230	0.633	ug/l #	31
16) Acetone	2.379	43	1083	0.590	ug/l #	77
20) Methylene Chloride	2.782	84	1531	0.463	ug/l	96
31) Cyclohexane	5.543	56	5354	1.007	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	19563	4.647	ug/l #	49
38) Carbon Tetrachloride	5.556	117	24650	5.690	ug/l #	15
74) N-amyl acetate	10.853	43	4217	0.626	ug/l #	42
75) 1,1,2,2-Tetrachloroethane	11.219	83	2269	0.495	ug/l #	26
76) 1,2,3-Trichloropropane	11.079	75	88596	20.005	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	88596	51.392	ug/l #	8
85) sec-Butylbenzene	11.890	105	3383	0.241	ug/l #	54
90) Hexachloroethane	12.615	117	685	0.282	ug/l #	4
96) 1,2,3-Trichlorobenzene	13.975	180	1504	0.398	ug/l #	1

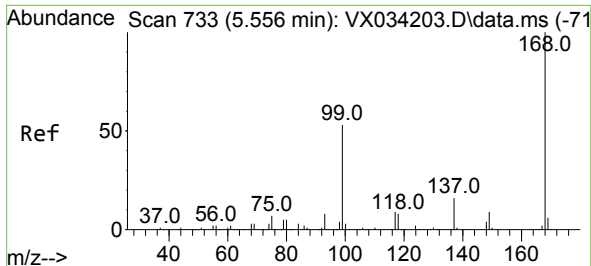
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 03 00:23:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
Quant Title : SW846 8260
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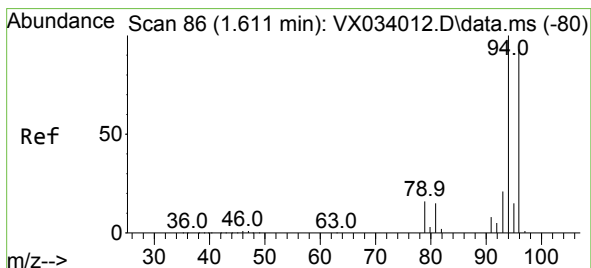
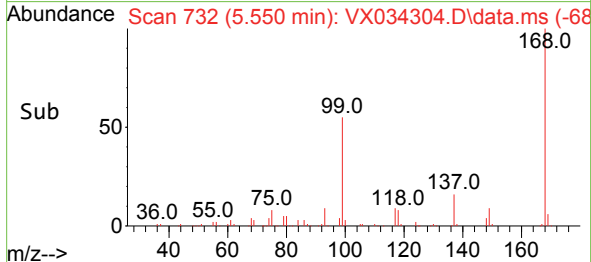
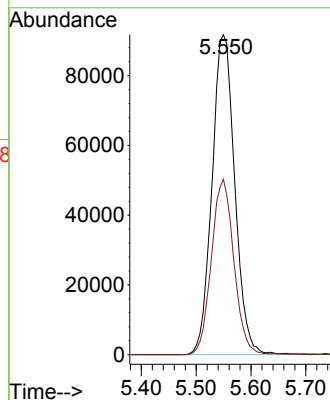
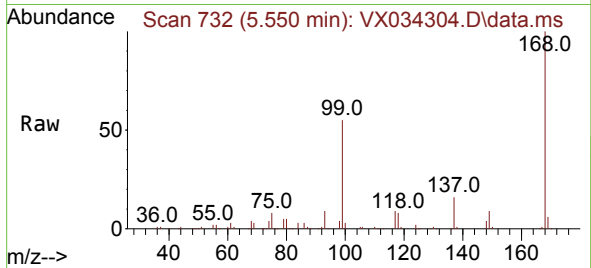




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034304.D
Acq: 02 Mar 2023 13:23

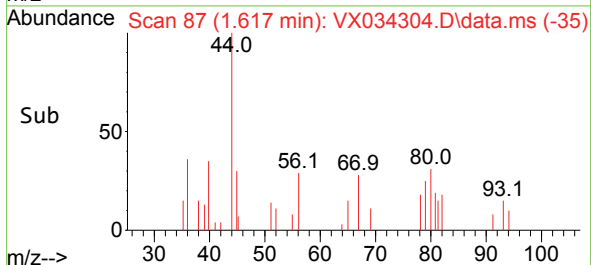
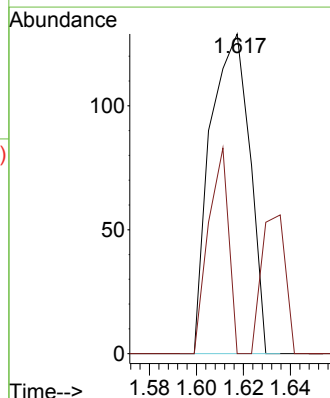
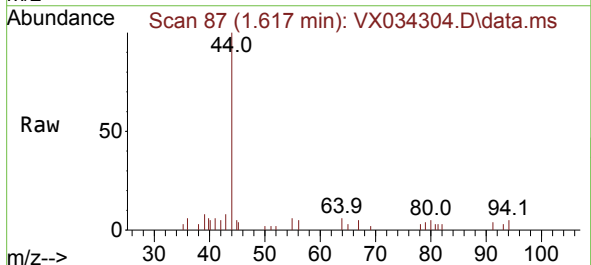
Instrument :
MSVOA_X
ClientSampleId :
DEP-1

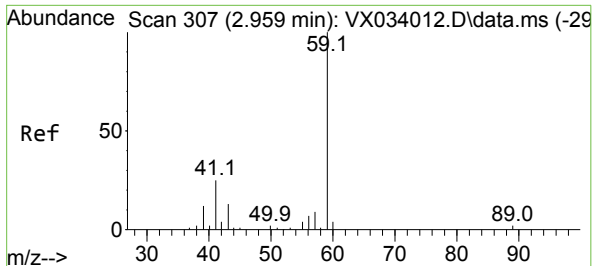
Tgt Ion:168 Resp: 264368
Ion Ratio Lower Upper
168 100
99 54.8 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX034304.D
Acq: 02 Mar 2023 13:23

Tgt Ion: 94 Resp: 150
Ion Ratio Lower Upper
94 100
96 0.0 74.3 111.5#





#11

Tert butyl alcohol

Concen: 1.158 ug/l

RT: 2.940 min Scan# 307

Delta R.T. -0.012 min

Lab File: VX034304.D

Acq: 02 Mar 2023 13:23

Instrument :

MSVOA_X

ClientSampleId :

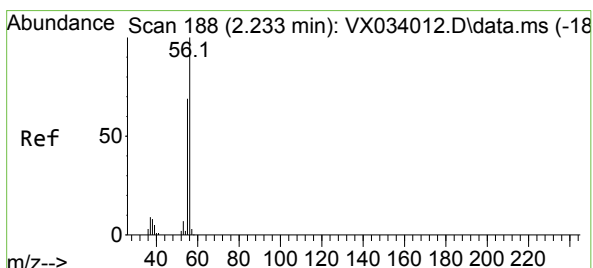
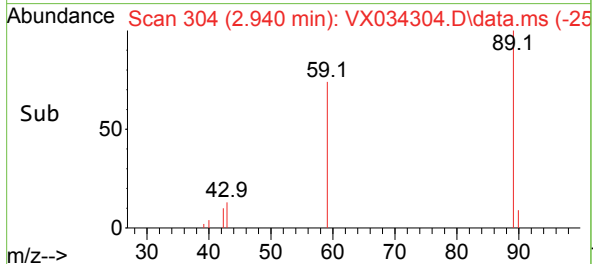
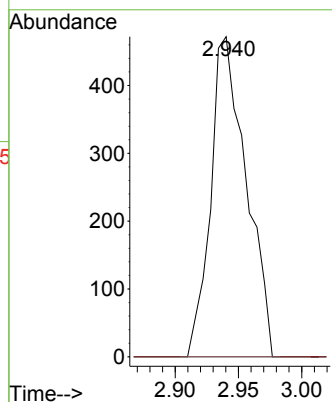
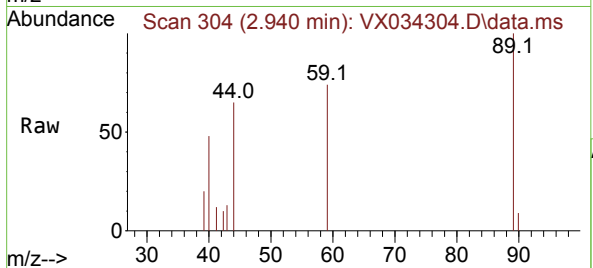
DEP-1

Tgt Ion: 59 Resp: 922

Ion Ratio Lower Upper

59 100

57 0.0 3.7 5.5#



#13

Acrolein

Concen: 0.633 ug/l

RT: 2.215 min Scan# 185

Delta R.T. -0.018 min

Lab File: VX034304.D

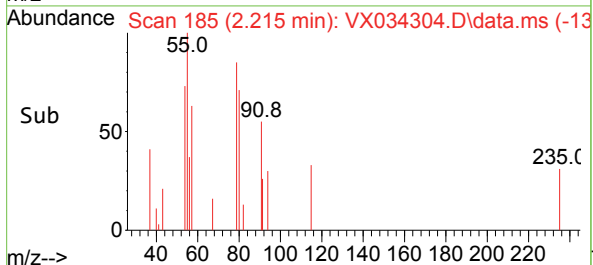
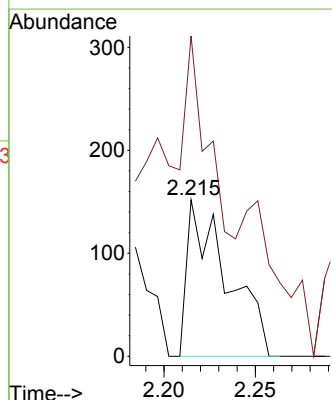
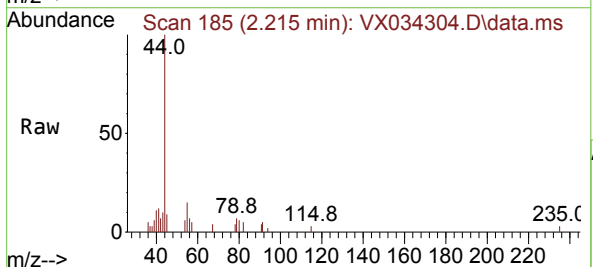
Acq: 02 Mar 2023 13:23

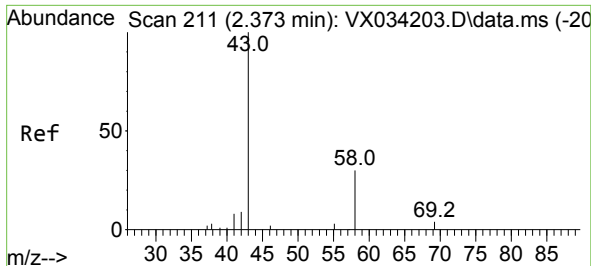
Tgt Ion: 56 Resp: 230

Ion Ratio Lower Upper

56 100

55 127.4 56.3 84.5#





#16

Acetone

Concen: 0.590 ug/l

RT: 2.379 min Scan# 211

Delta R.T. 0.006 min

Lab File: VX034304.D

Acq: 02 Mar 2023 13:23

Instrument :

MSVOA_X

ClientSampleId :

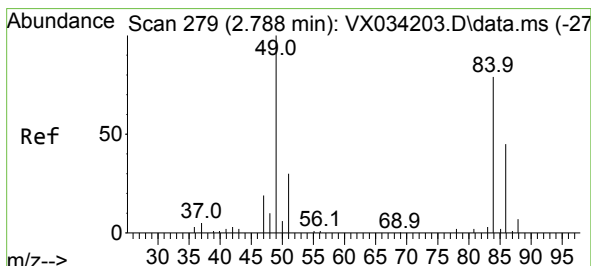
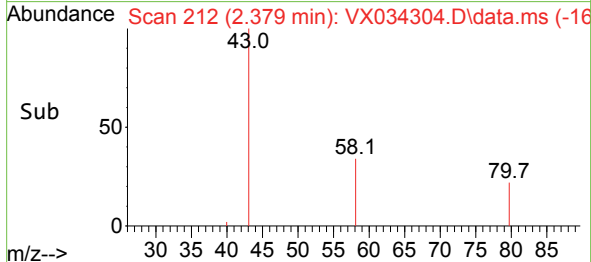
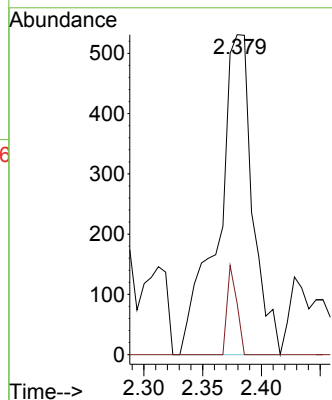
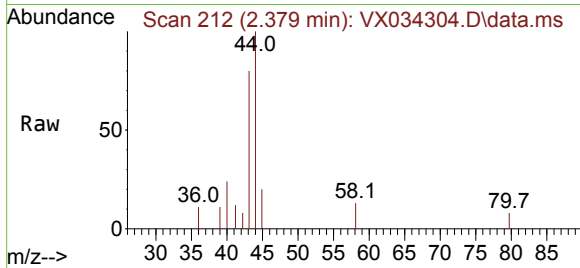
DEP-1

Tgt Ion: 43 Resp: 1083

Ion Ratio Lower Upper

43 100

58 16.0 22.6 33.8#



#20

Methylene Chloride

Concen: 0.463 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX034304.D

Acq: 02 Mar 2023 13:23

Tgt Ion: 84 Resp: 1531

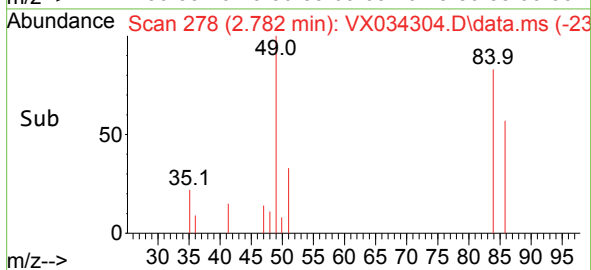
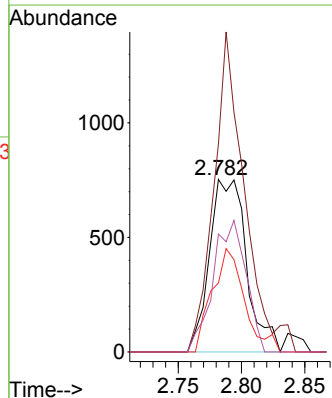
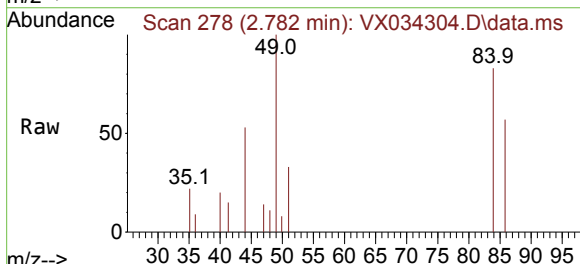
Ion Ratio Lower Upper

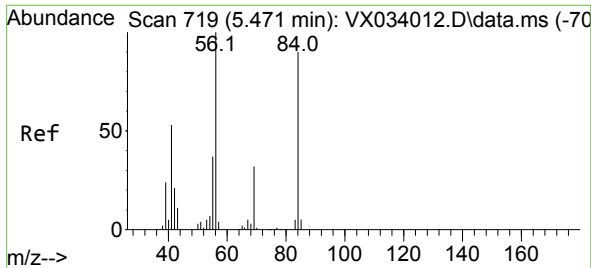
84 100

49 120.7 101.1 151.7

51 40.0 31.0 46.6

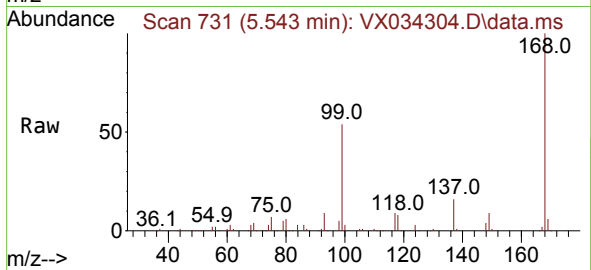
86 68.4 52.6 79.0



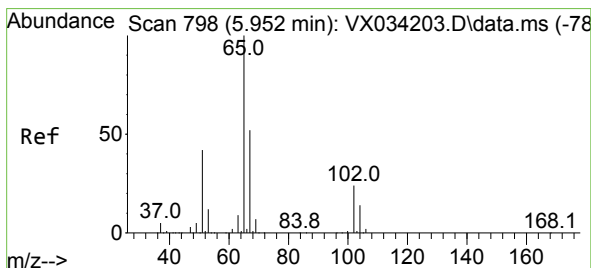
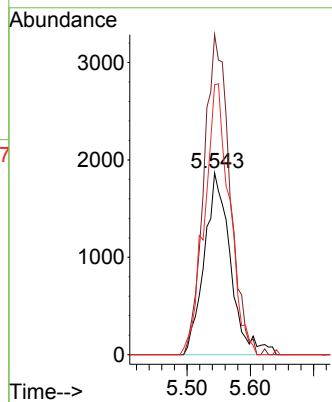
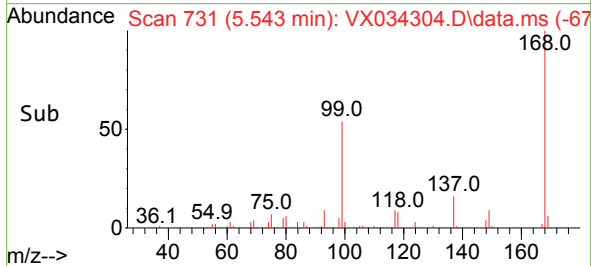


#31
Cyclohexane
Concen: 1.007 ug/l
RT: 5.543 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX034304.D
Acq: 02 Mar 2023 13:23

Instrument :
MSVOA_X
ClientSampleId :
DEP-1

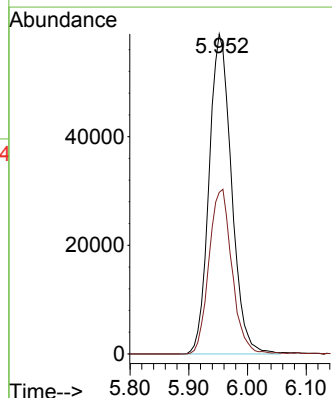
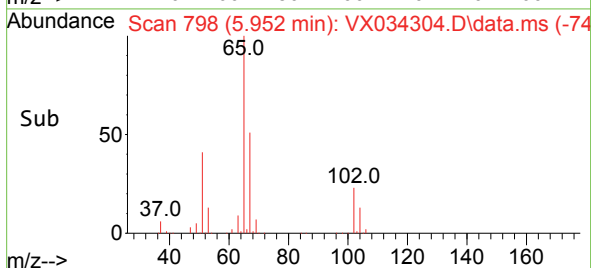
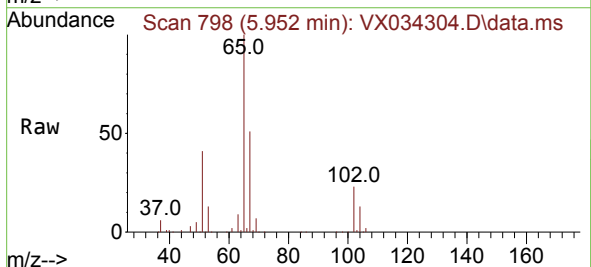


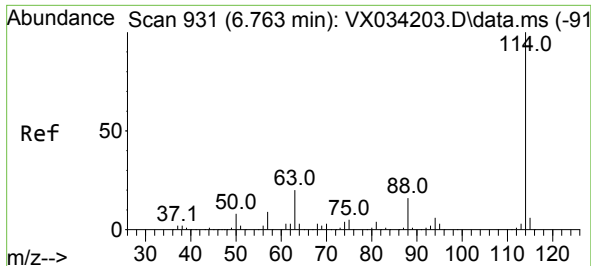
Tgt Ion: 56 Resp: 5354
Ion Ratio Lower Upper
56 100
69 176.0 24.6 37.0#
84 148.5 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 43.969 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX034304.D
Acq: 02 Mar 2023 13:23

Tgt Ion: 65 Resp: 156546
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX034304.D

Acq: 02 Mar 2023 13:23

Instrument :

MSVOA_X

ClientSampleId :

DEP-1

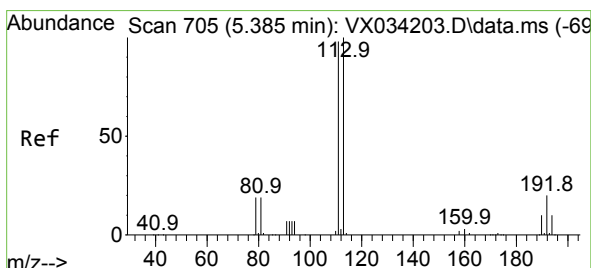
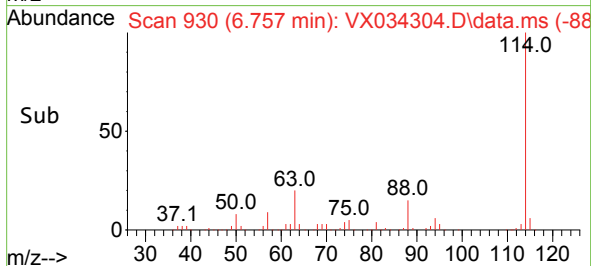
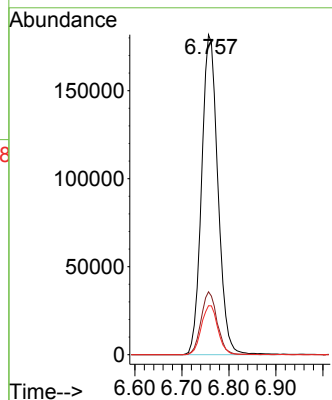
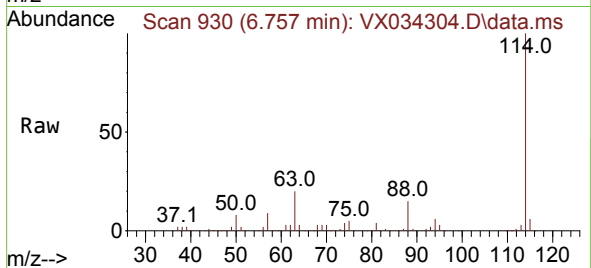
Tgt Ion:114 Resp: 437229

Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.346 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX034304.D

Acq: 02 Mar 2023 13:23

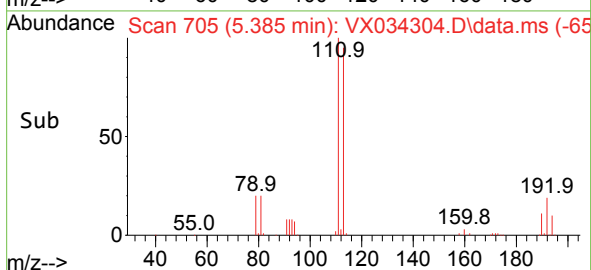
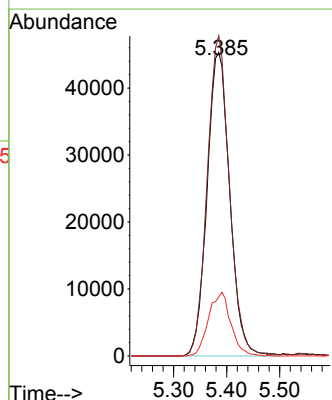
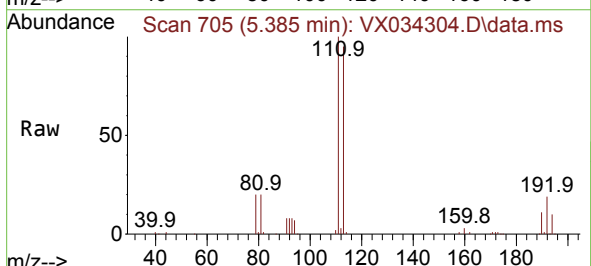
Tgt Ion:113 Resp: 134785

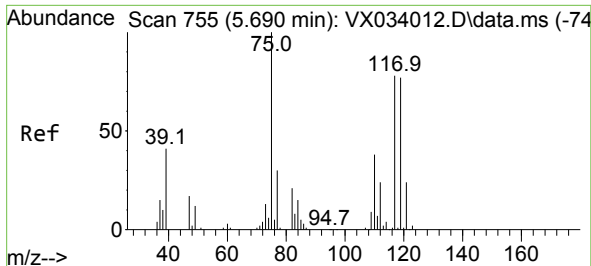
Ion Ratio Lower Upper

113 100

111 103.0 83.0 124.6

192 20.6 19.0 28.4

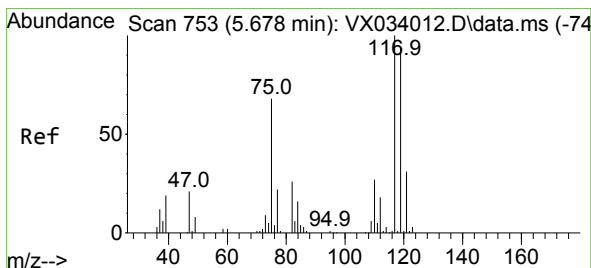
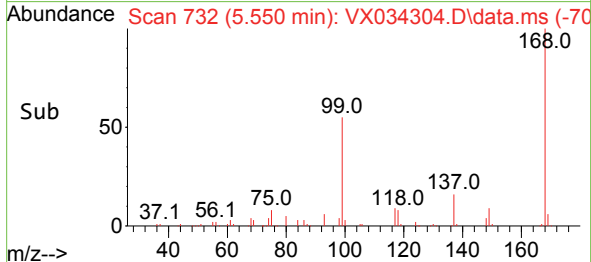
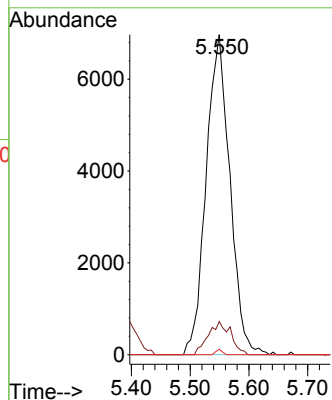
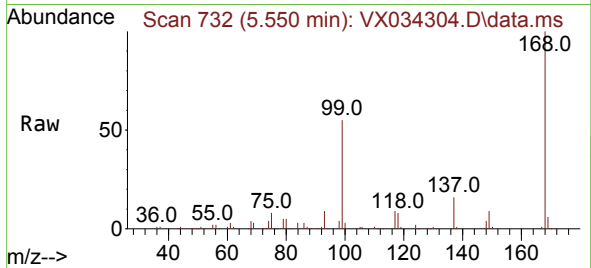




#36
1,1-Dichloropropene
Concen: 4.647 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX034304.D
Acq: 02 Mar 2023 13:23

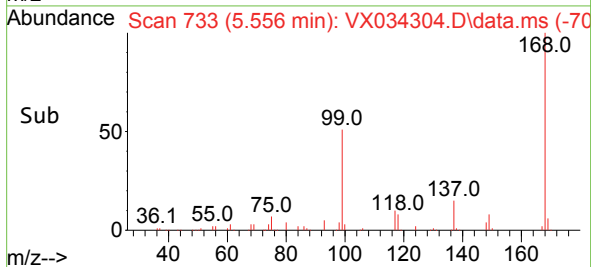
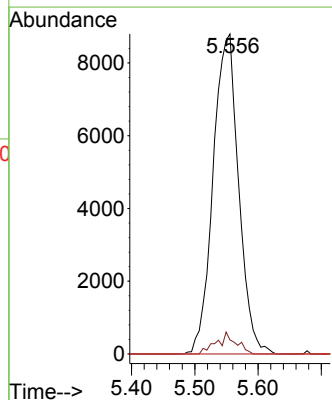
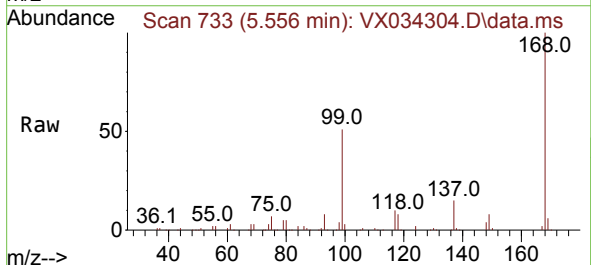
Instrument :
MSVOA_X
ClientSampleId :
DEP-1

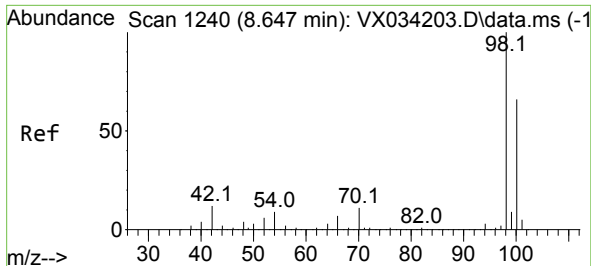
Tgt Ion: 75 Resp: 19563
Ion Ratio Lower Upper
75 100
110 9.8 18.8 56.4#
77 0.4 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.690 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.116 min
Lab File: VX034304.D
Acq: 02 Mar 2023 13:23

Tgt Ion: 117 Resp: 24650
Ion Ratio Lower Upper
117 100
119 4.4 78.0 117.0#
121 0.0 24.4 36.6#

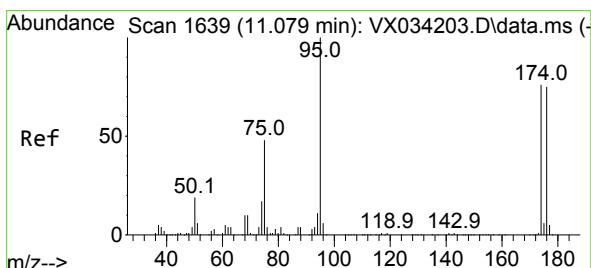
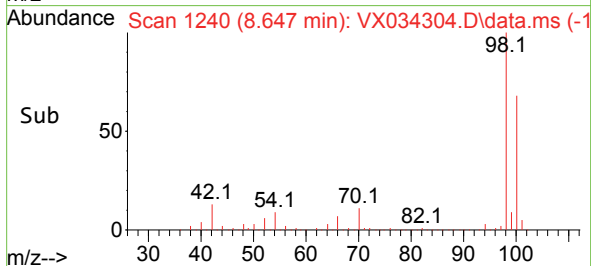
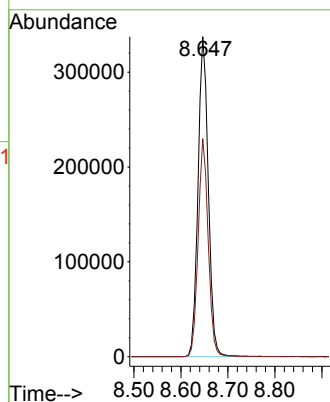
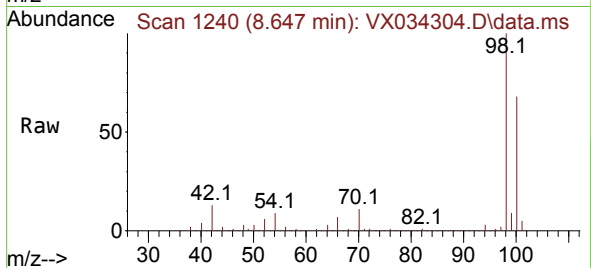




#50
Toluene-d8
Concen: 50.435 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034304.D
Acq: 02 Mar 2023 13:23

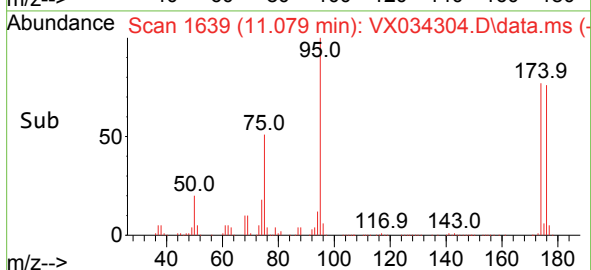
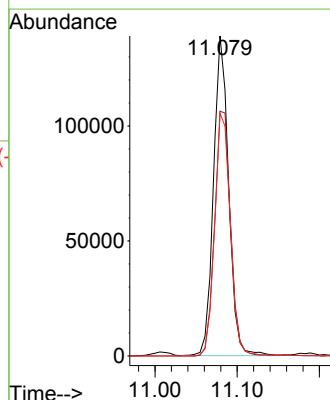
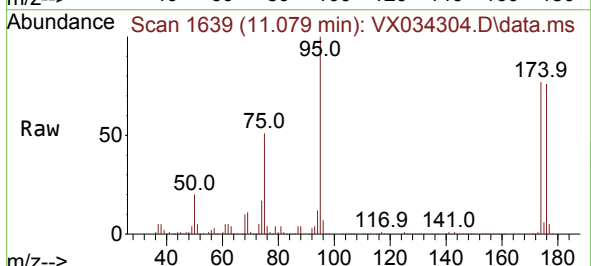
Instrument :
MSVOA_X
ClientSampleId :
DEP-1

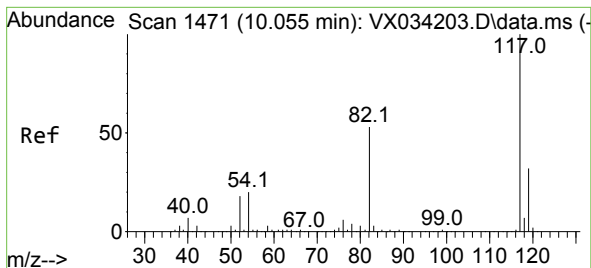
Tgt Ion: 98 Resp: 515489
Ion Ratio Lower Upper
98 100
100 66.6 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 45.490 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034304.D
Acq: 02 Mar 2023 13:23

Tgt Ion: 95 Resp: 177847
Ion Ratio Lower Upper
95 100
174 81.0 0.0 184.4
176 78.7 0.0 178.8

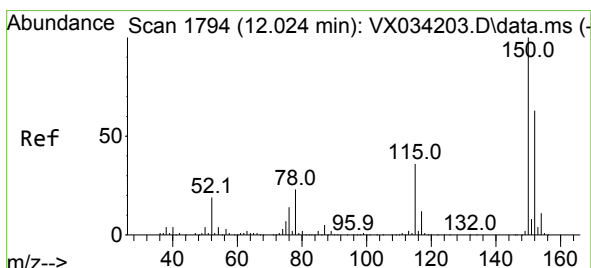
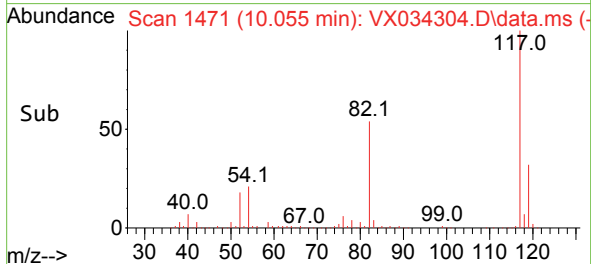
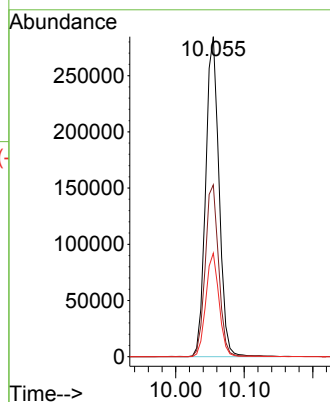
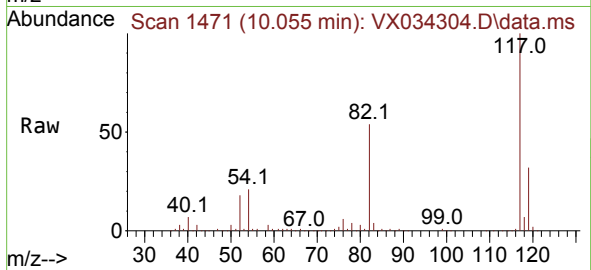




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034304.D
Acq: 02 Mar 2023 13:23

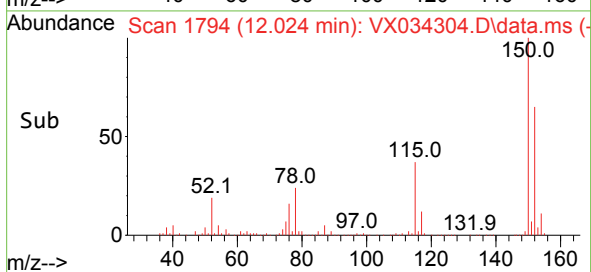
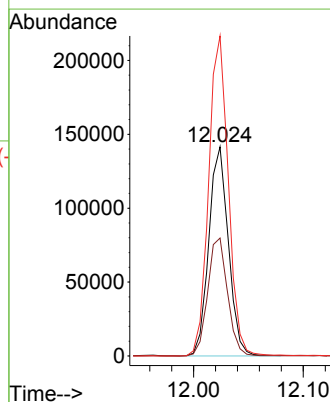
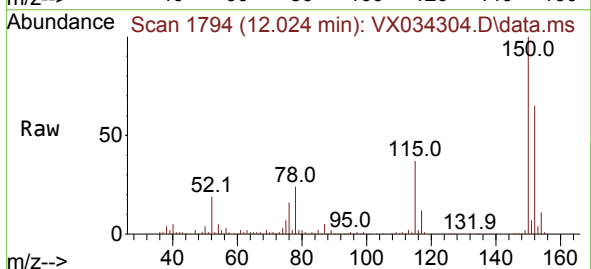
Instrument :
MSVOA_X
ClientSampleId :
DEP-1

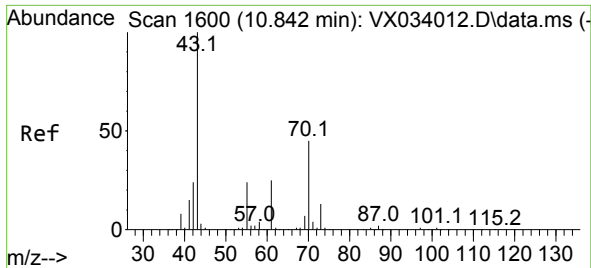
Tgt Ion:117 Resp: 386767
Ion Ratio Lower Upper
117 100
82 53.6 40.6 60.8
119 32.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034304.D
Acq: 02 Mar 2023 13:23

Tgt Ion:152 Resp: 175997
Ion Ratio Lower Upper
152 100
115 57.3 38.7 116.1
150 153.4 0.0 348.2

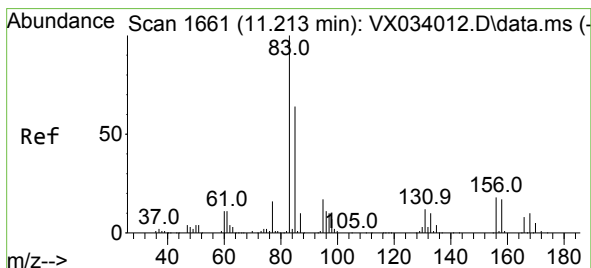
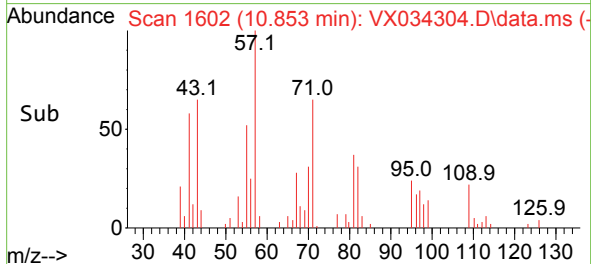
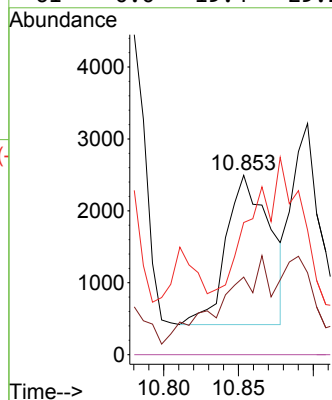
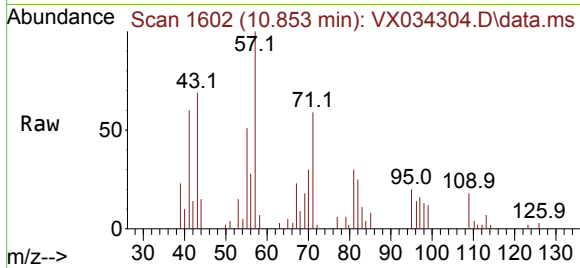




#74
N-amy1 acetate
Concen: 0.626 ug/l
RT: 10.853 min Scan# 1602
Delta R.T. 0.012 min
Lab File: VX034304.D
Acq: 02 Mar 2023 13:23

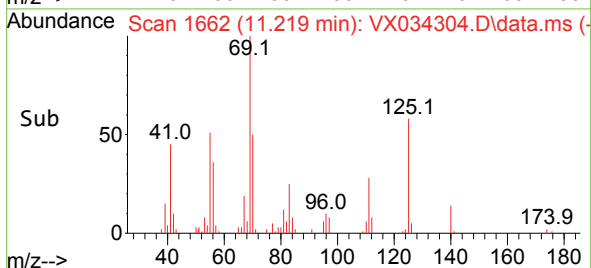
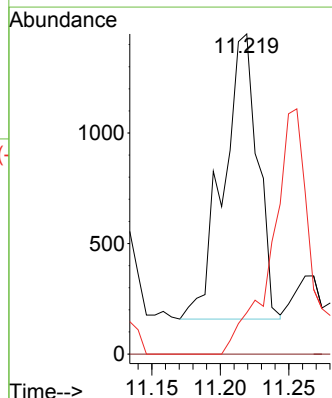
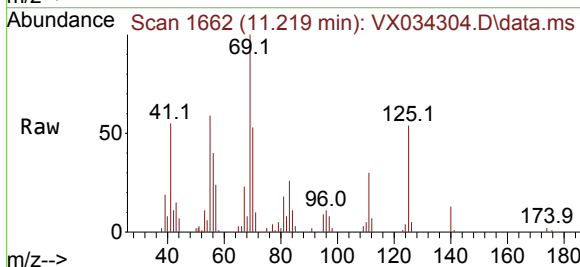
Instrument :
MSVOA_X
ClientSampleId :
DEP-1

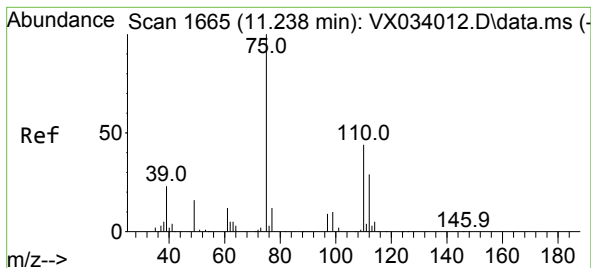
Tgt Ion: 43	Resp:	4217	
Ion	Ratio	Lower	Upper
43	100		
70	0.0	34.8	52.2#
55	0.0	19.4	29.0#
61	0.0	19.4	29.2#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.495 ug/l
RT: 11.219 min Scan# 1662
Delta R.T. 0.006 min
Lab File: VX034304.D
Acq: 02 Mar 2023 13:23

Tgt Ion: 83	Resp:	2269	
Ion Ratio	Lower	Upper	
83 100			
131 0.0	5.5	16.7#	
85 0.0	32.3	96.9#	

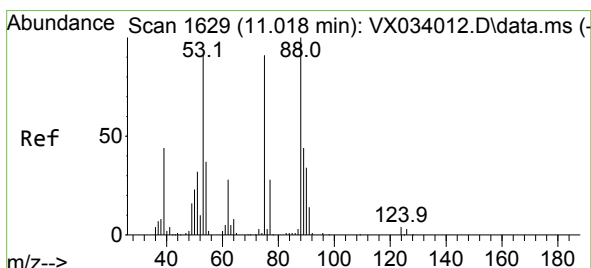
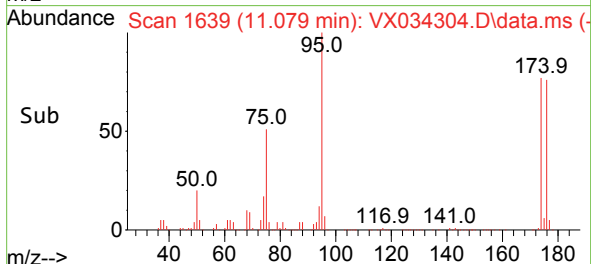
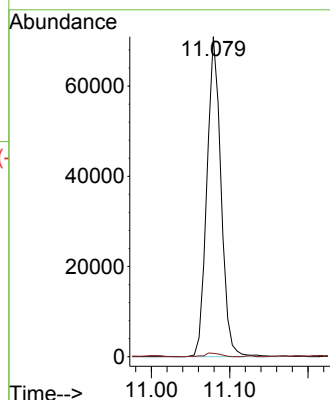
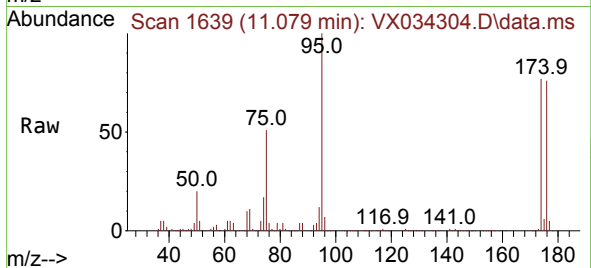




#76
1,2,3-Trichloropropane
Concen: 20.005 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX034304.D
Acq: 02 Mar 2023 13:23

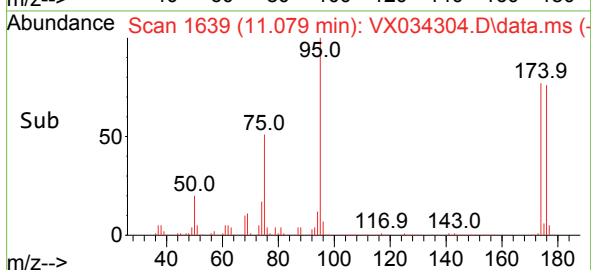
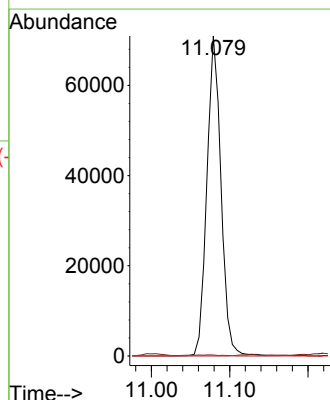
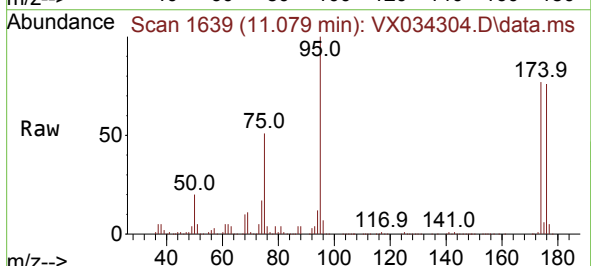
Instrument :
MSVOA_X
ClientSampleId :
DEP-1

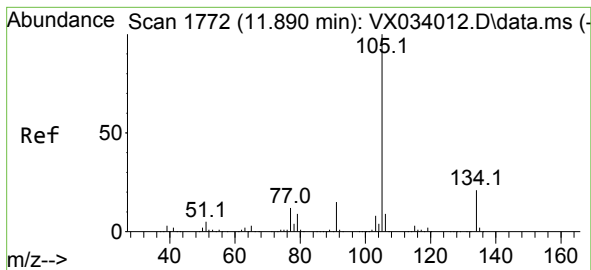
Tgt Ion: 75 Resp: 88596
Ion Ratio Lower Upper
75 100
77 1.3 21.8 65.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 51.392 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034304.D
Acq: 02 Mar 2023 13:23

Tgt Ion: 75 Resp: 88596
Ion Ratio Lower Upper
75 100
53 0.4 83.0 124.6#
89 0.0 37.7 56.5#





#85

sec-Butylbenzene

Concen: 0.241 ug/l

RT: 11.890 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX034304.D

Acq: 02 Mar 2023 13:23

Instrument :

MSVOA_X

ClientSampleId :

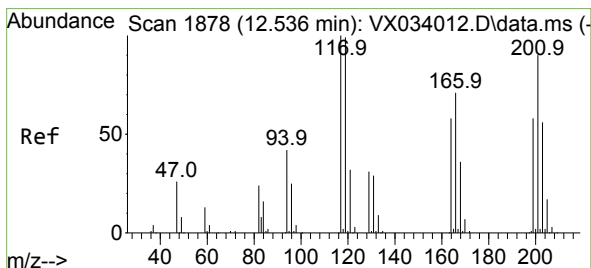
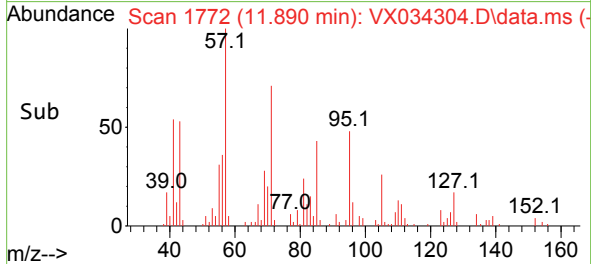
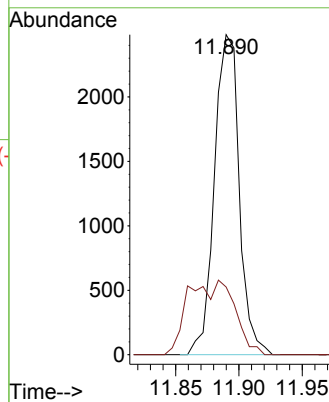
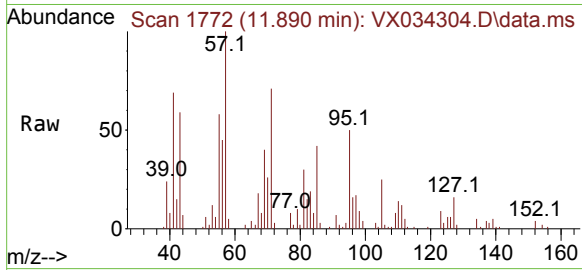
DEP-1

Tgt Ion:105 Resp: 3383

Ion Ratio Lower Upper

105 100

134 0.0 10.8 32.3#



#90

Hexachloroethane

Concen: 0.282 ug/l

RT: 12.615 min Scan# 1891

Delta R.T. 0.079 min

Lab File: VX034304.D

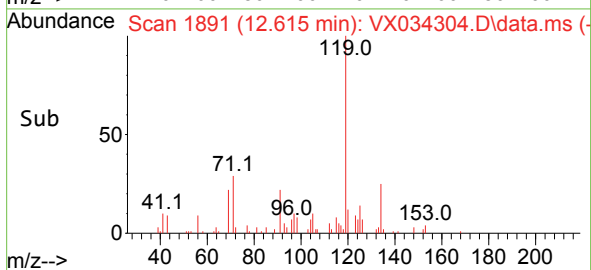
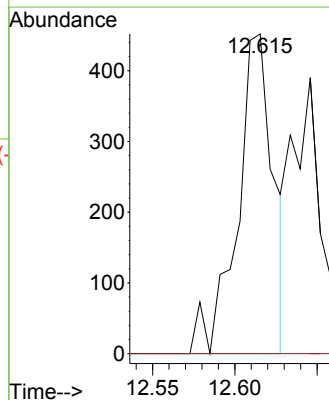
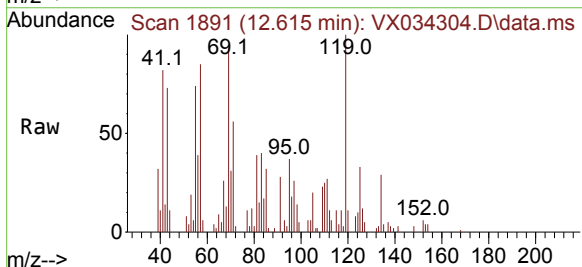
Acq: 02 Mar 2023 13:23

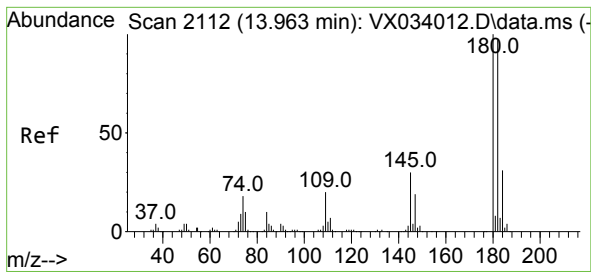
Tgt Ion:117 Resp: 685

Ion Ratio Lower Upper

117 100

201 0.0 45.1 135.3#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.398 ug/l
 RT: 13.975 min Scan# 2114
 Delta R.T. 0.012 min
 Lab File: VX034304.D
 Acq: 02 Mar 2023 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 DEP-1

Tgt Ion:180 Resp: 1504
 Ion Ratio Lower Upper
 180 100
 182 43.4 47.6 142.9#
 145 299.7 15.1 45.3#

