

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022223\
 Data File : VX034229.D
 Acq On : 22 Feb 2023 15:22
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Feb 23 01:30:38 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)

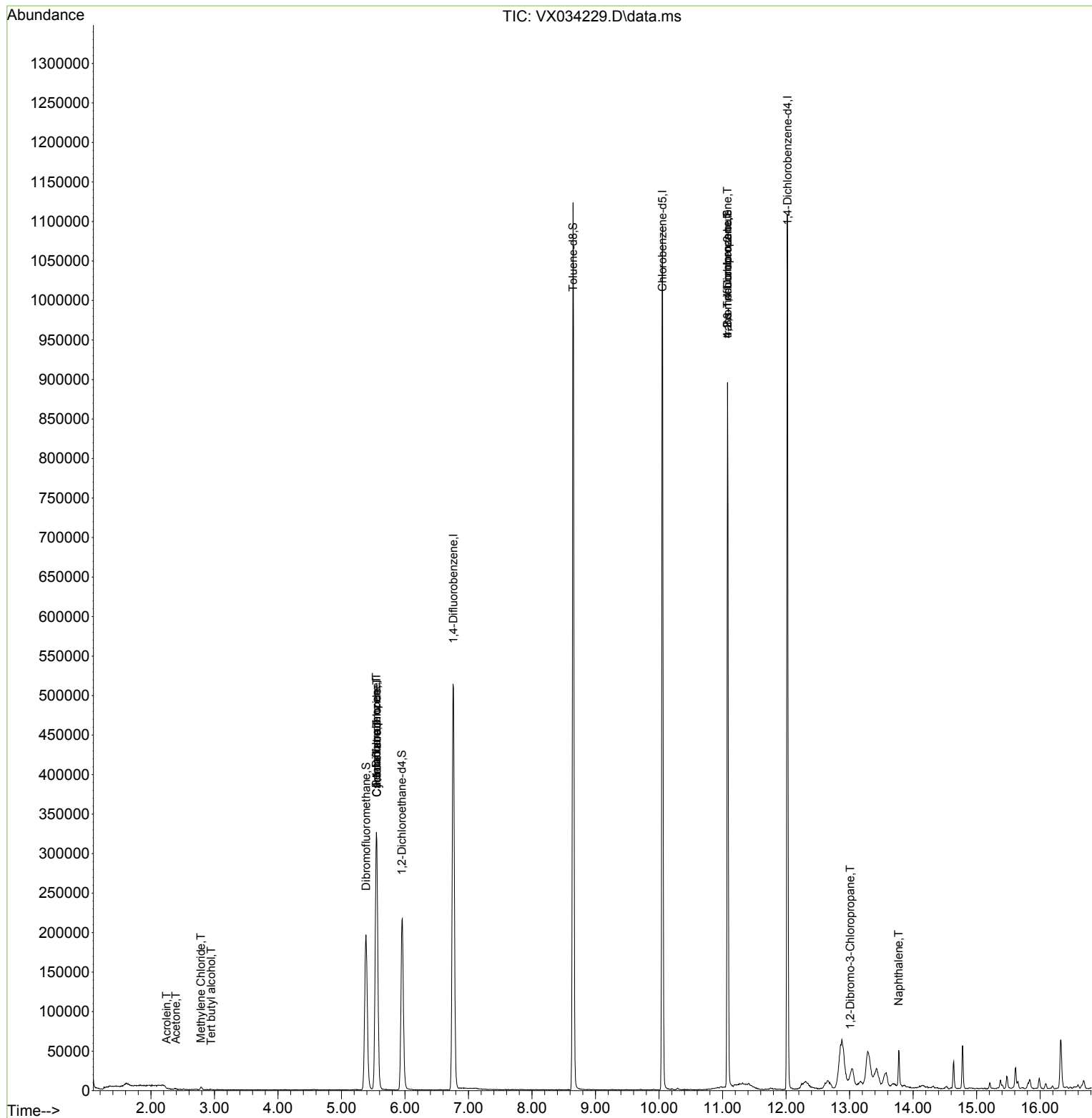
Internal Standards						
1) Pentafluorobenzene	5.550	168	329404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	548311	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	497457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	232185	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	194775	43.905	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.800%		
35) Dibromofluoromethane	5.385	113	174818	48.968	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.940%		
50) Toluene-d8	8.647	98	662952	51.722	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	103.440%		
62) 4-Bromofluorobenzene	11.079	95	234319	47.793	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.580%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	340	Below Cal	#	55
11) Tert butyl alcohol	2.947	59	312	0.314	ug/l #	92
13) Acrolein	2.245	56	107	0.236	ug/l #	14
16) Acetone	2.392	43	905	0.395	ug/l #	83
20) Methylene Chloride	2.788	84	1747	0.424	ug/l	86
31) Cyclohexane	5.556	56	6739	1.017	ug/l #	6
36) 1,1-Dichloropropene	5.550	75	24686	4.676	ug/l #	48
38) Carbon Tetrachloride	5.556	117	31224	5.747	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	115237	19.724	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	115237	50.670	ug/l #	8
92) 1,2-Dibromo-3-Chloropr...	13.012	75	454	0.315	ug/l #	14
95) Naphthalene	13.774	128	32402	1.917	ug/l	99

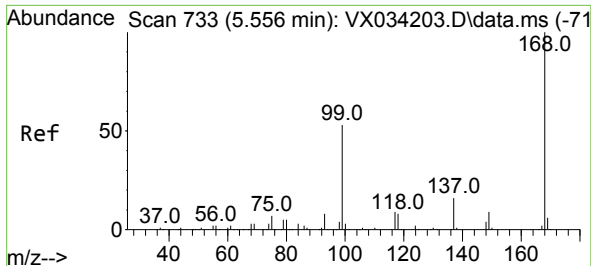
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

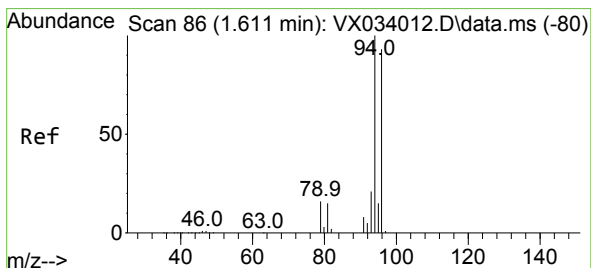
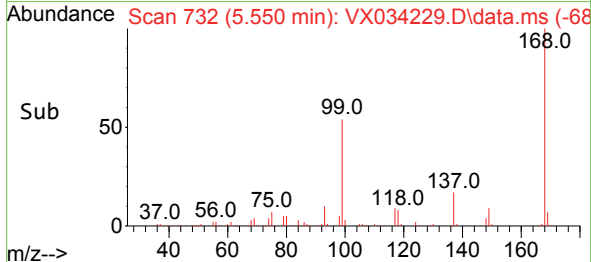
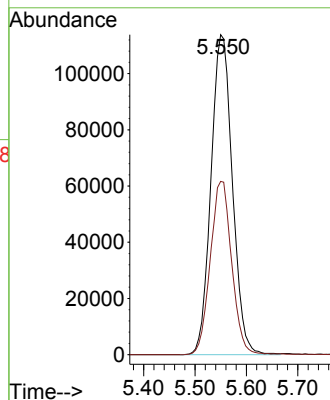
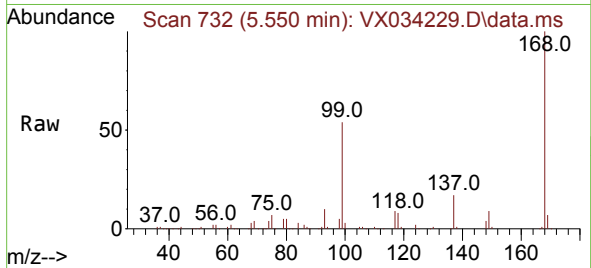




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034229.D
Acq: 22 Feb 2023 15:22

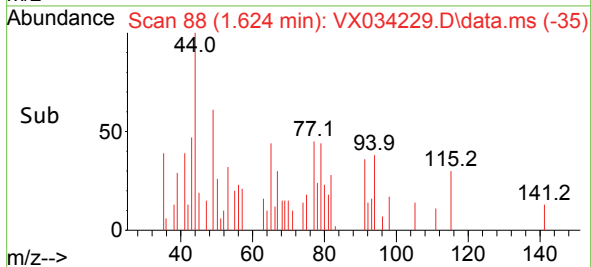
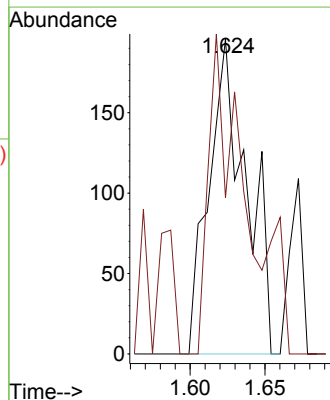
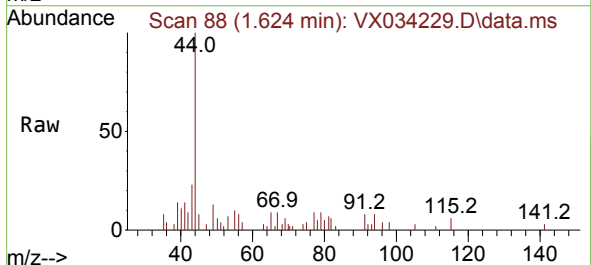
Instrument :
MSVOA_X
ClientSampleId :
IBLK

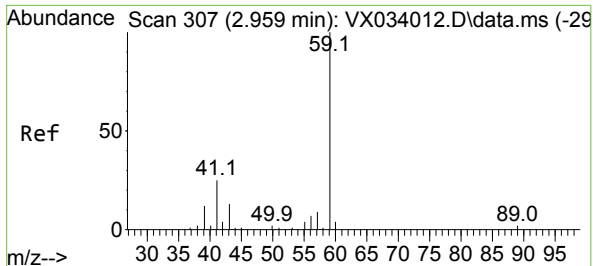
Tgt Ion:168 Resp: 329404
Ion Ratio Lower Upper
168 100
99 54.2 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX034229.D
Acq: 22 Feb 2023 15:22

Tgt Ion: 94 Resp: 340
Ion Ratio Lower Upper
94 100
96 49.5 74.3 111.5#





#11

Tert butyl alcohol

Concen: 0.314 ug/l

RT: 2.947 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX034229.D

Acq: 22 Feb 2023 15:22

Instrument :

MSVOA_X

ClientSampleId :

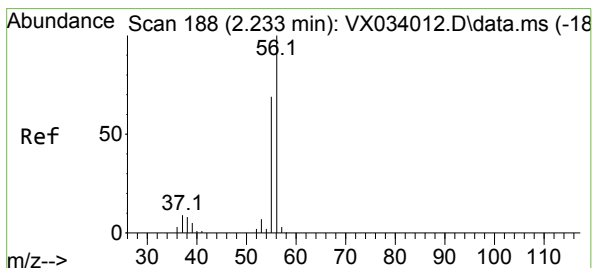
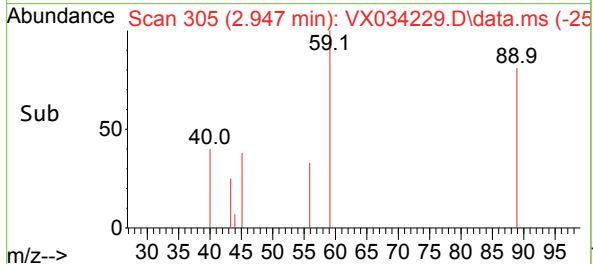
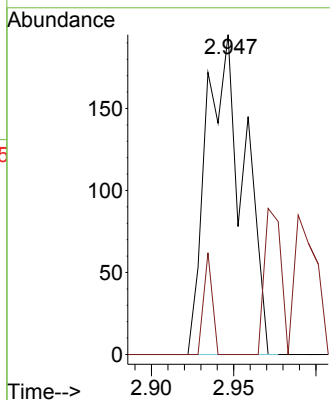
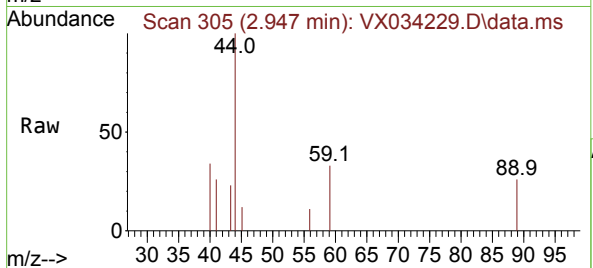
IBLK

Tgt Ion: 59 Resp: 312

Ion Ratio Lower Upper

59 100

57 7.4 3.7 5.5#



#13

Acrolein

Concen: 0.236 ug/l

RT: 2.245 min Scan# 190

Delta R.T. 0.012 min

Lab File: VX034229.D

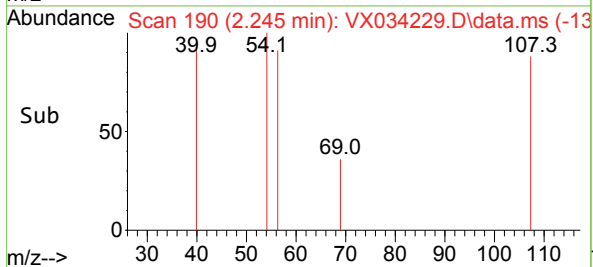
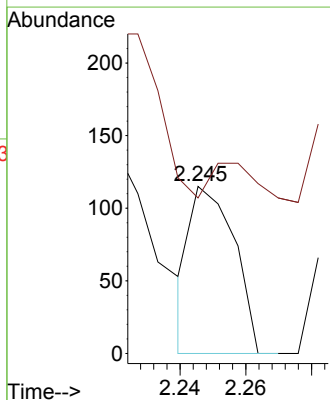
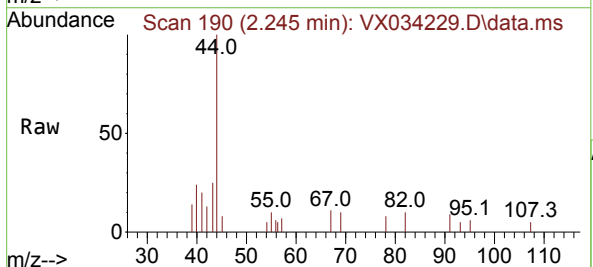
Acq: 22 Feb 2023 15:22

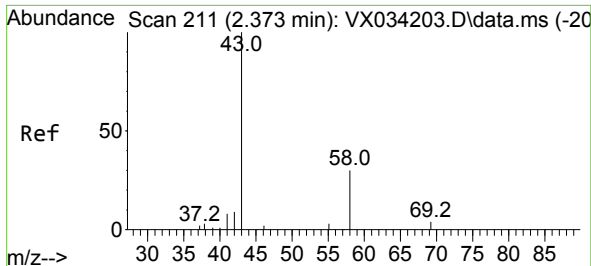
Tgt Ion: 56 Resp: 107

Ion Ratio Lower Upper

56 100

55 0.0 56.3 84.5#

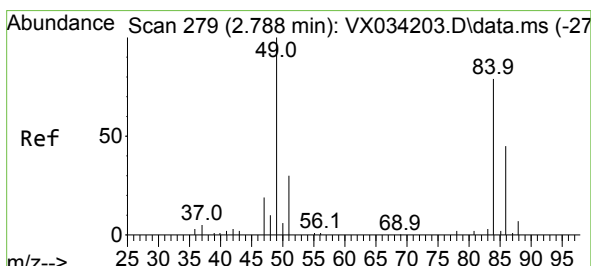
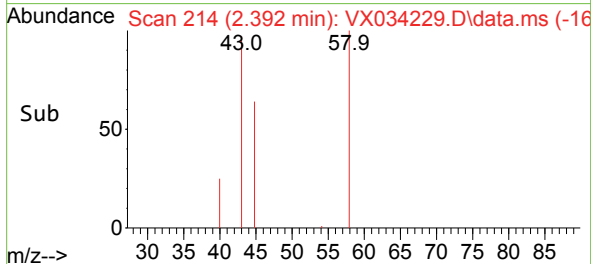
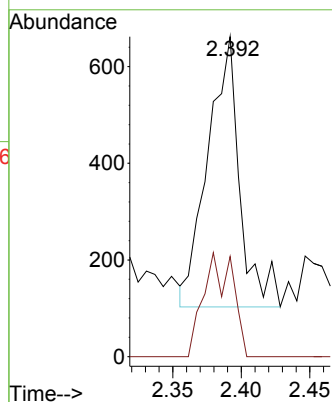
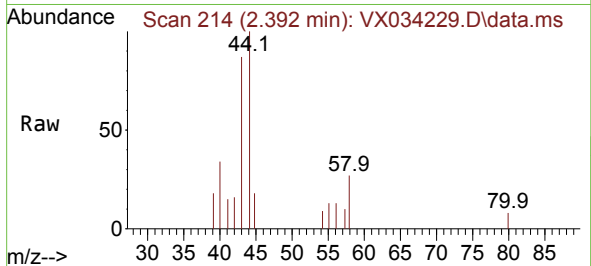




#16
Acetone
Concen: 0.395 ug/l
RT: 2.392 min Scan# 211
Delta R.T. 0.018 min
Lab File: VX034229.D
Acq: 22 Feb 2023 15:22

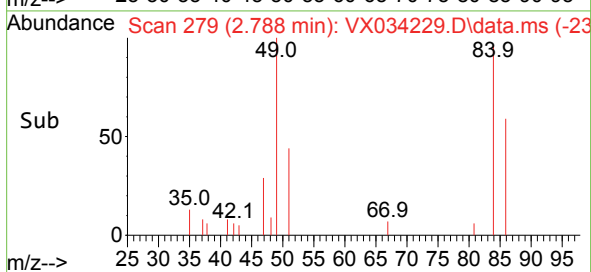
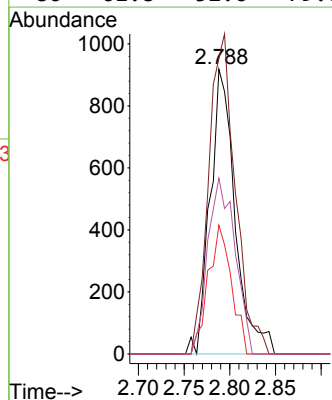
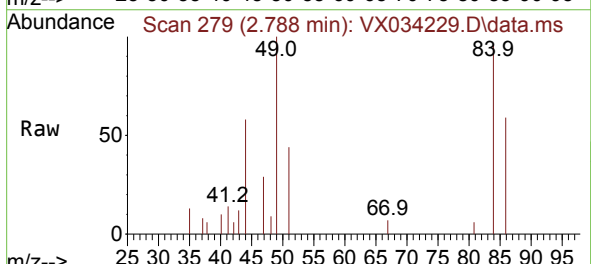
Instrument :
MSVOA_X
ClientSampleId :
IBLK

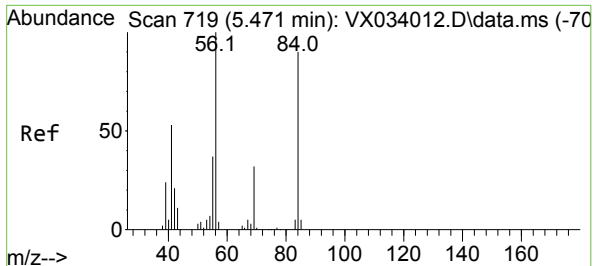
Tgt Ion: 43 Resp: 905
Ion Ratio Lower Upper
43 100
58 37.0 22.6 33.8#



#20
Methylene Chloride
Concen: 0.424 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034229.D
Acq: 22 Feb 2023 15:22

Tgt Ion: 84 Resp: 1747
Ion Ratio Lower Upper
84 100
49 103.9 101.1 151.7
51 45.2 31.0 46.6
86 61.8 52.6 79.0

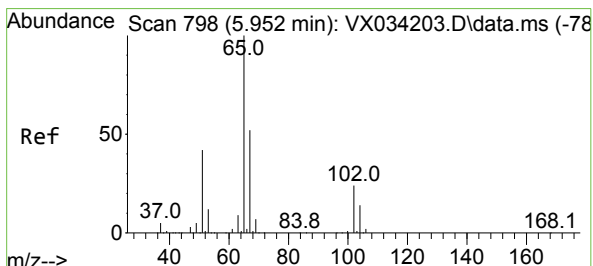
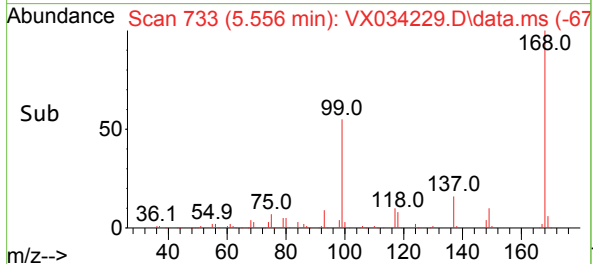
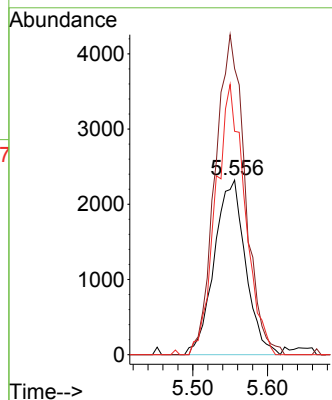
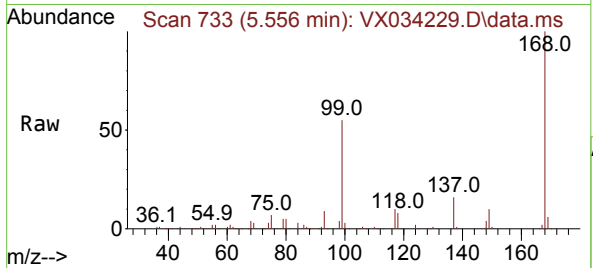




#31
Cyclohexane
Concen: 1.017 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX034229.D
Acq: 22 Feb 2023 15:22

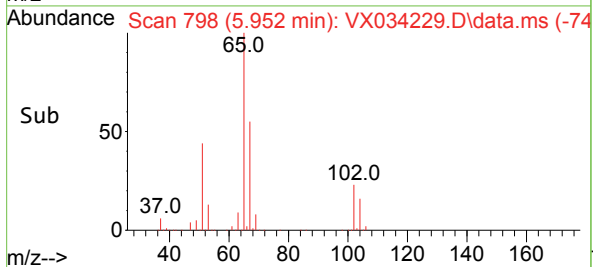
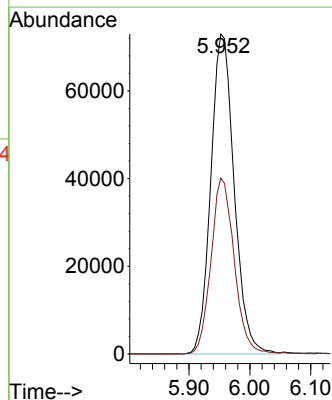
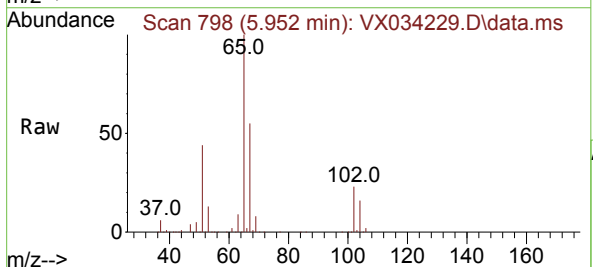
Instrument :
MSVOA_X
ClientSampleId :
IBLK

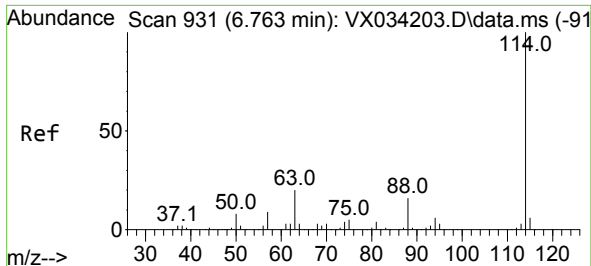
Tgt Ion: 56 Resp: 6739
Ion Ratio Lower Upper
56 100
69 164.0 24.6 37.0#
84 128.0 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 43.905 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX034229.D
Acq: 22 Feb 2023 15:22

Tgt Ion: 65 Resp: 194775
Ion Ratio Lower Upper
65 100
67 54.6 0.0 104.8

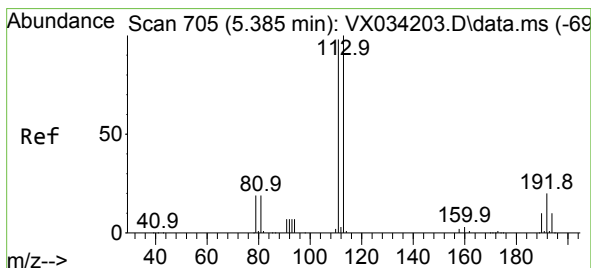
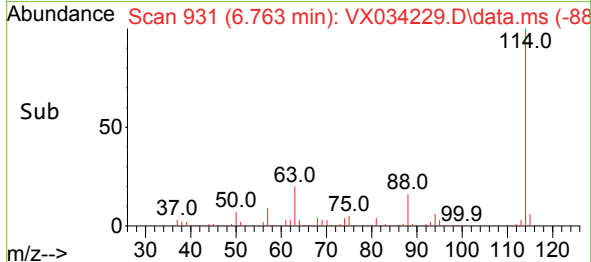
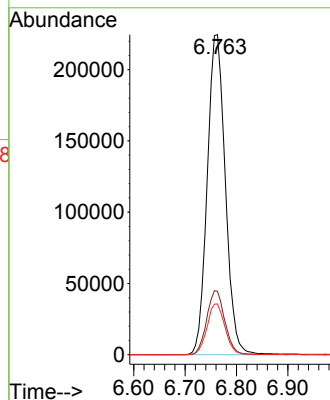
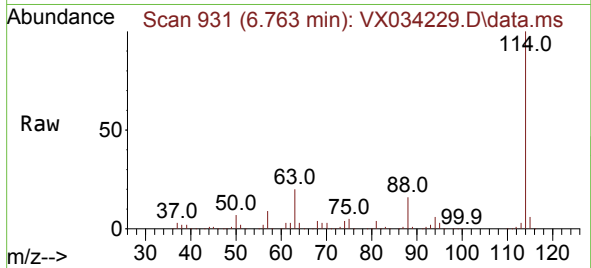




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034229.D
Acq: 22 Feb 2023 15:22

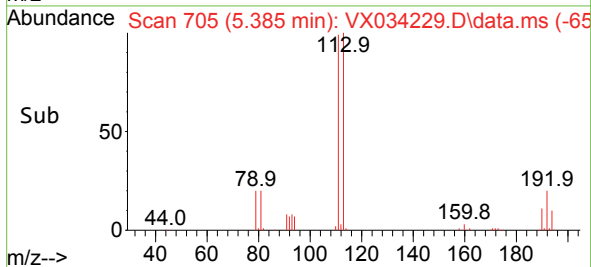
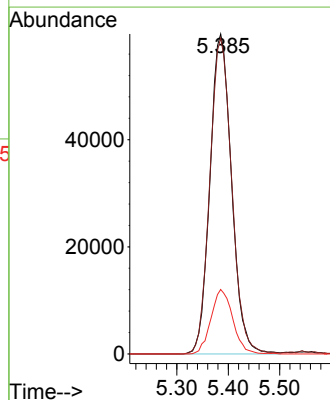
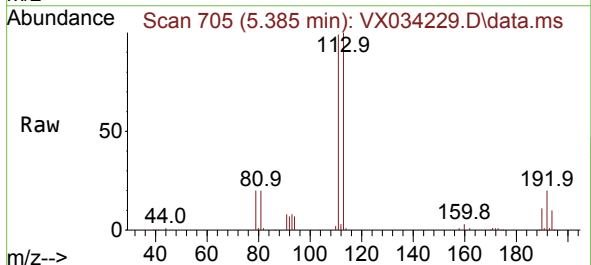
Instrument :
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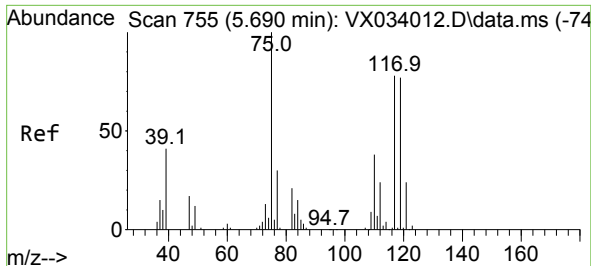
Tgt Ion:114 Resp: 548311
Ion Ratio Lower Upper
114 100
63 19.8 0.0 37.4
88 15.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.968 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034229.D
Acq: 22 Feb 2023 15:22

Tgt Ion:113 Resp: 174818
Ion Ratio Lower Upper
113 100
111 99.9 83.0 124.6
192 20.3 19.0 28.4

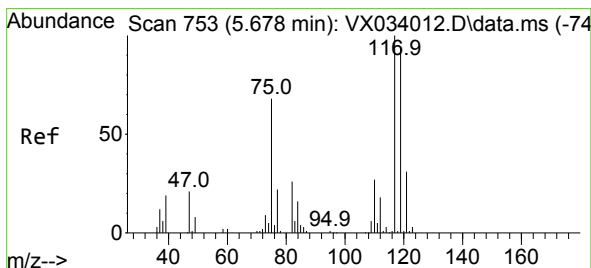
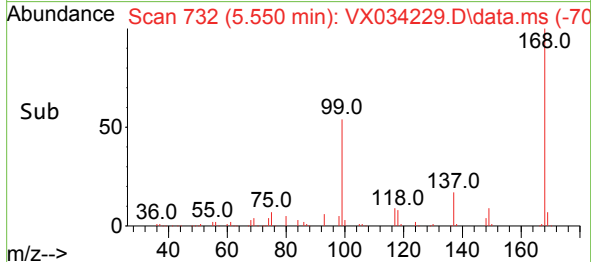
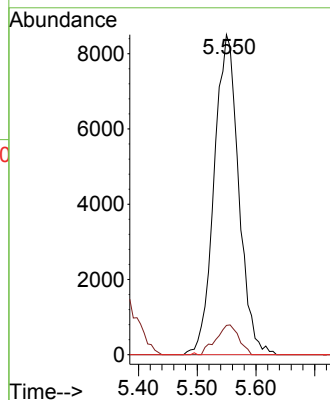
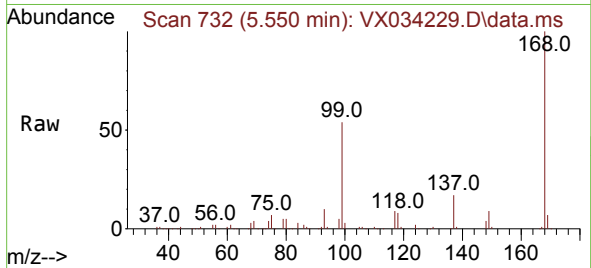




#36
1,1-Dichloropropene
Concen: 4.676 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX034229.D
Acq: 22 Feb 2023 15:22

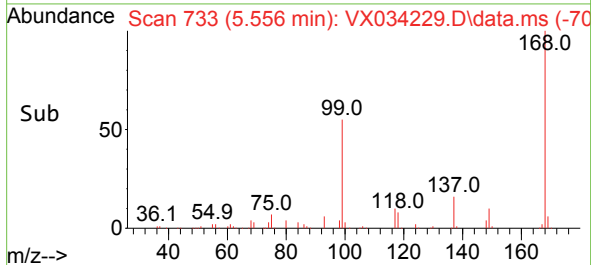
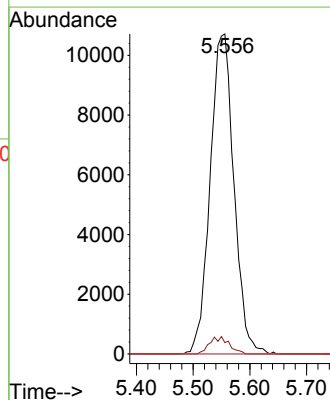
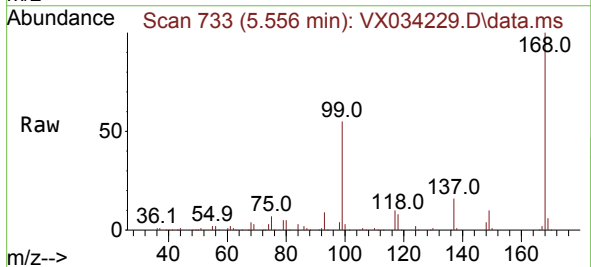
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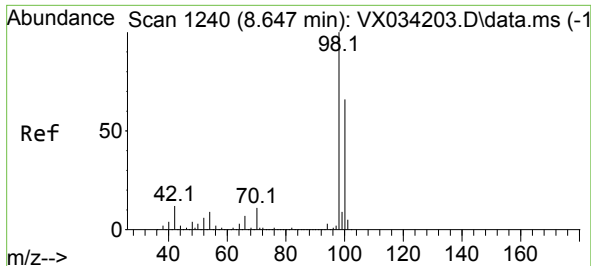
Tgt Ion: 75 Resp: 24686
Ion Ratio Lower Upper
75 100
110 8.6 18.8 56.4#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.747 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.116 min
Lab File: VX034229.D
Acq: 22 Feb 2023 15:22

Tgt Ion: 117 Resp: 31224
Ion Ratio Lower Upper
117 100
119 3.6 78.0 117.0#
121 0.0 24.4 36.6#

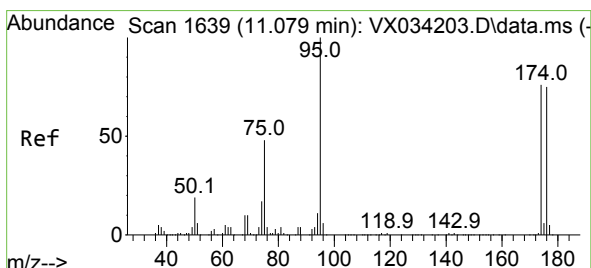
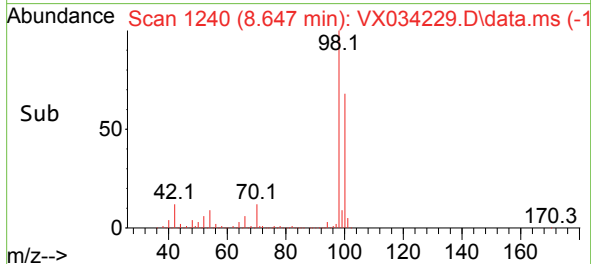
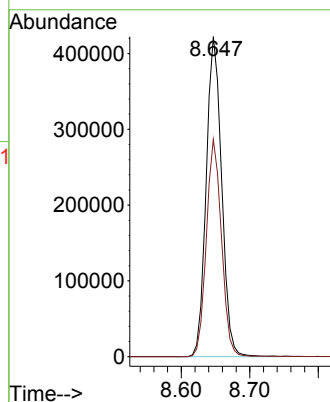
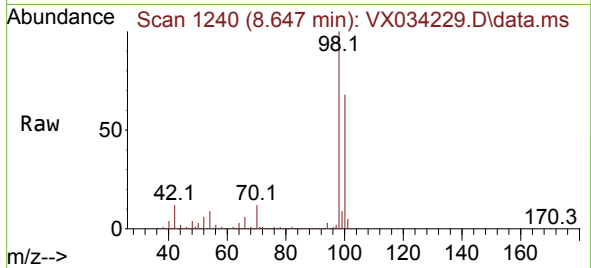




#50
Toluene-d8
Concen: 51.722 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034229.D
Acq: 22 Feb 2023 15:22

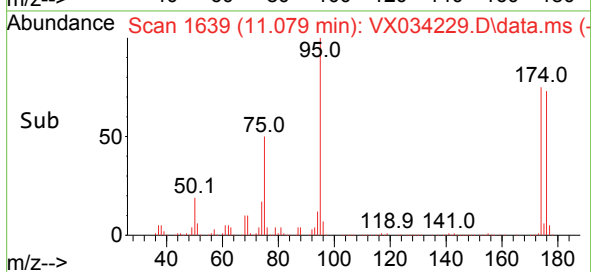
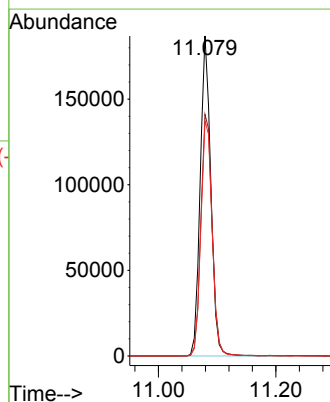
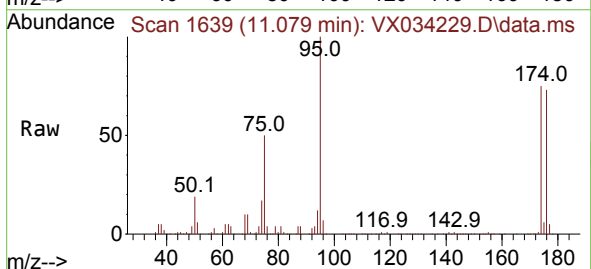
Instrument :
MSVOA_X
ClientSampleId :
IBLK

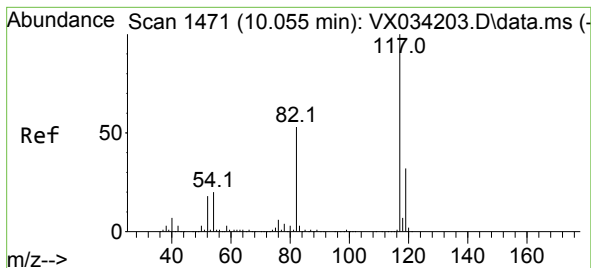
Tgt Ion: 98 Resp: 662952
Ion Ratio Lower Upper
98 100
100 66.5 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 47.793 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034229.D
Acq: 22 Feb 2023 15:22

Tgt Ion: 95 Resp: 234319
Ion Ratio Lower Upper
95 100
174 80.5 0.0 184.4
176 77.8 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: VX034229.D

Acq: 22 Feb 2023 15:22

Instrument :

MSVOA_X

ClientSampleId :

IBLK

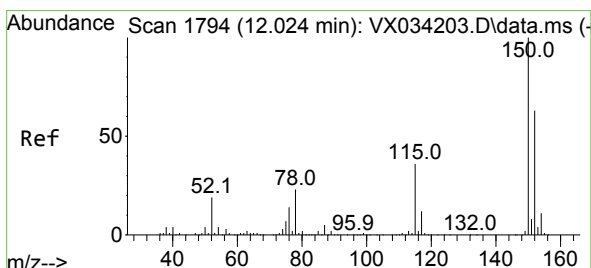
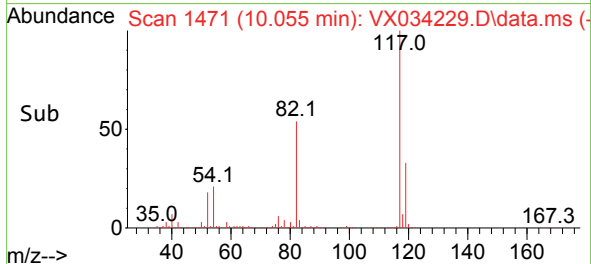
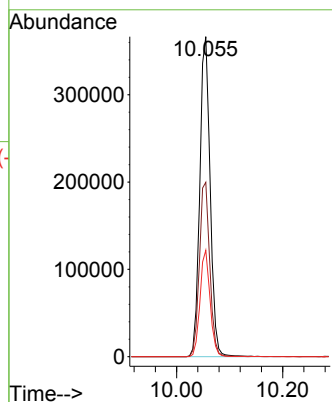
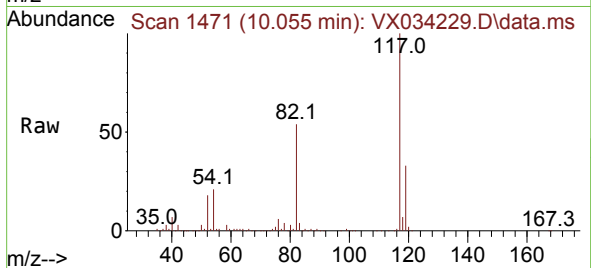
Tgt Ion:117 Resp: 497457

Ion Ratio Lower Upper

117 100

82 54.5 40.6 60.8

119 33.2 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: VX034229.D

Acq: 22 Feb 2023 15:22

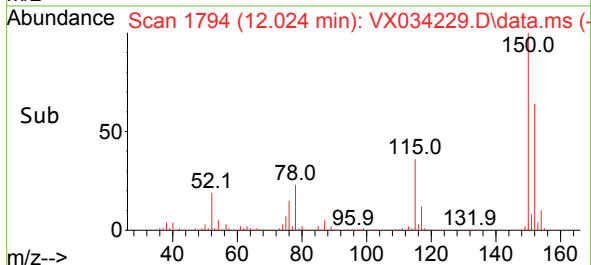
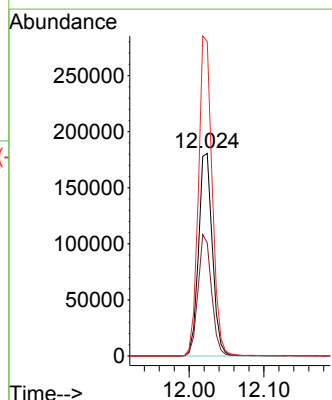
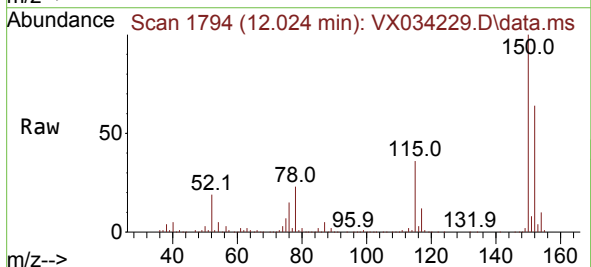
Tgt Ion:152 Resp: 232185

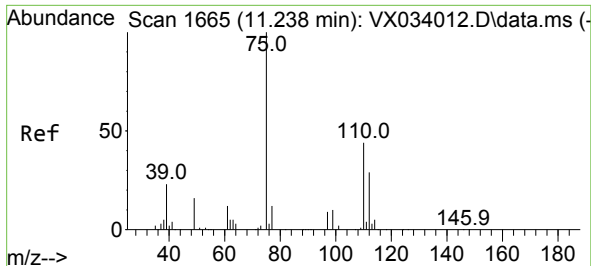
Ion Ratio Lower Upper

152 100

115 58.6 38.7 116.1

150 157.2 0.0 348.2

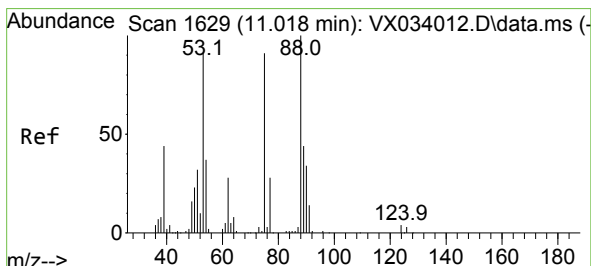
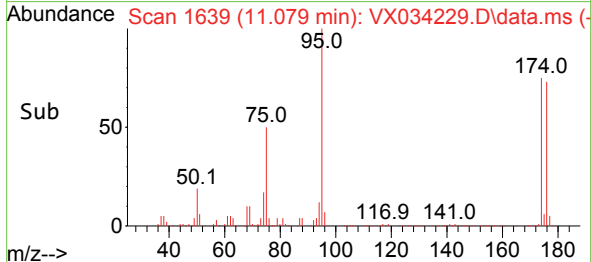
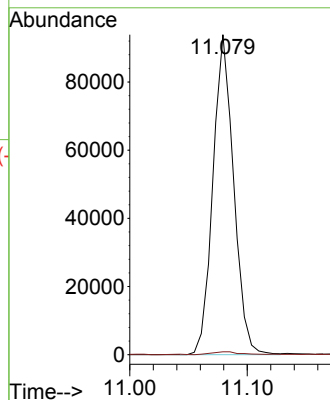
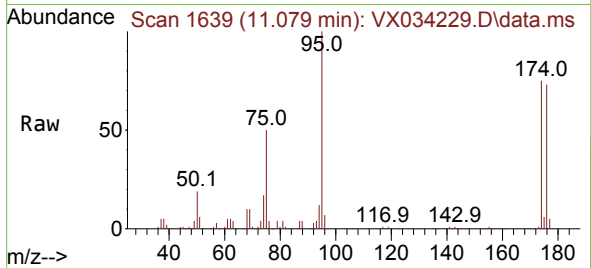




#76
1,2,3-Trichloropropane
Concen: 19.724 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034229.D
Acq: 22 Feb 2023 15:22

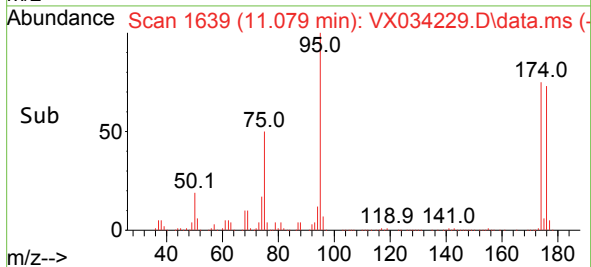
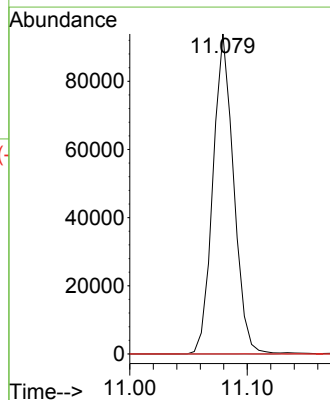
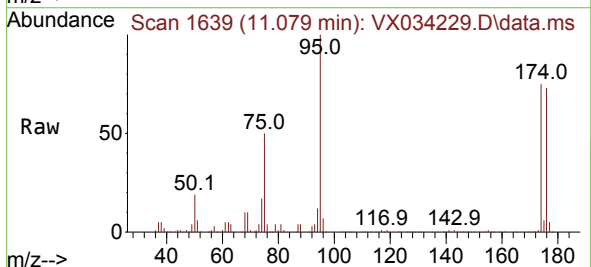
Instrument :
MSVOA_X
ClientSampleId :
IBLK

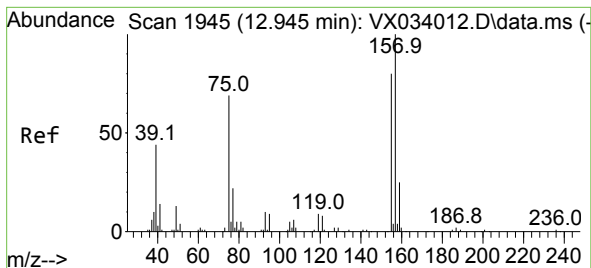
Tgt Ion: 75 Resp: 115237
Ion Ratio Lower Upper
75 100
77 1.4 21.8 65.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 50.670 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034229.D
Acq: 22 Feb 2023 15:22

Tgt Ion: 75 Resp: 115237
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#

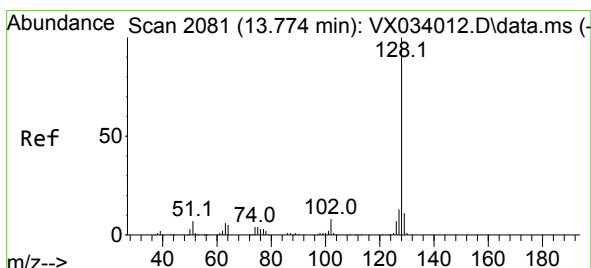
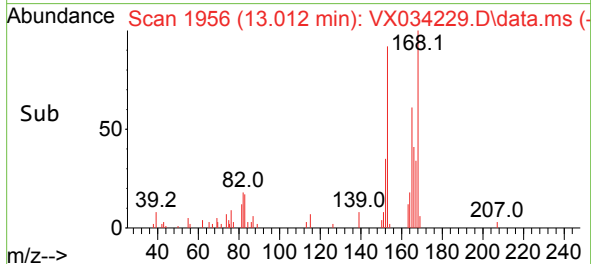
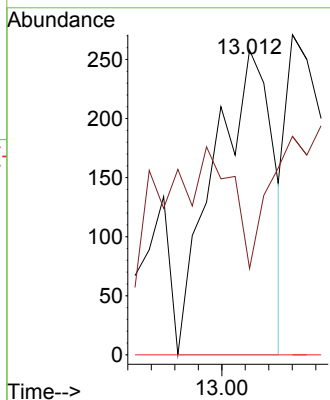
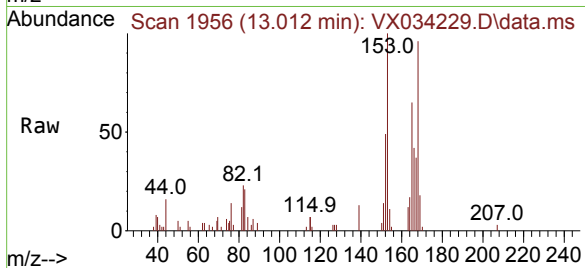




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.315 ug/l
RT: 13.012 min Scan# 1945
Delta R.T. 0.067 min
Lab File: VX034229.D
Acq: 22 Feb 2023 15:22

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 454
Ion Ratio Lower Upper
75 100
155 52.9 51.7 155.1
157 0.0 67.5 202.3#



#95
Naphthalene
Concen: 1.917 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034229.D
Acq: 22 Feb 2023 15:22

Tgt Ion:128 Resp: 32402
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 11.5 8.7 13.1

