

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033023\
 Data File : VX034848.D
 Acq On : 30 Mar 2023 13:33
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 31 01:31:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 30 11:02:25 2023
 Response via : Initial Calibration

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

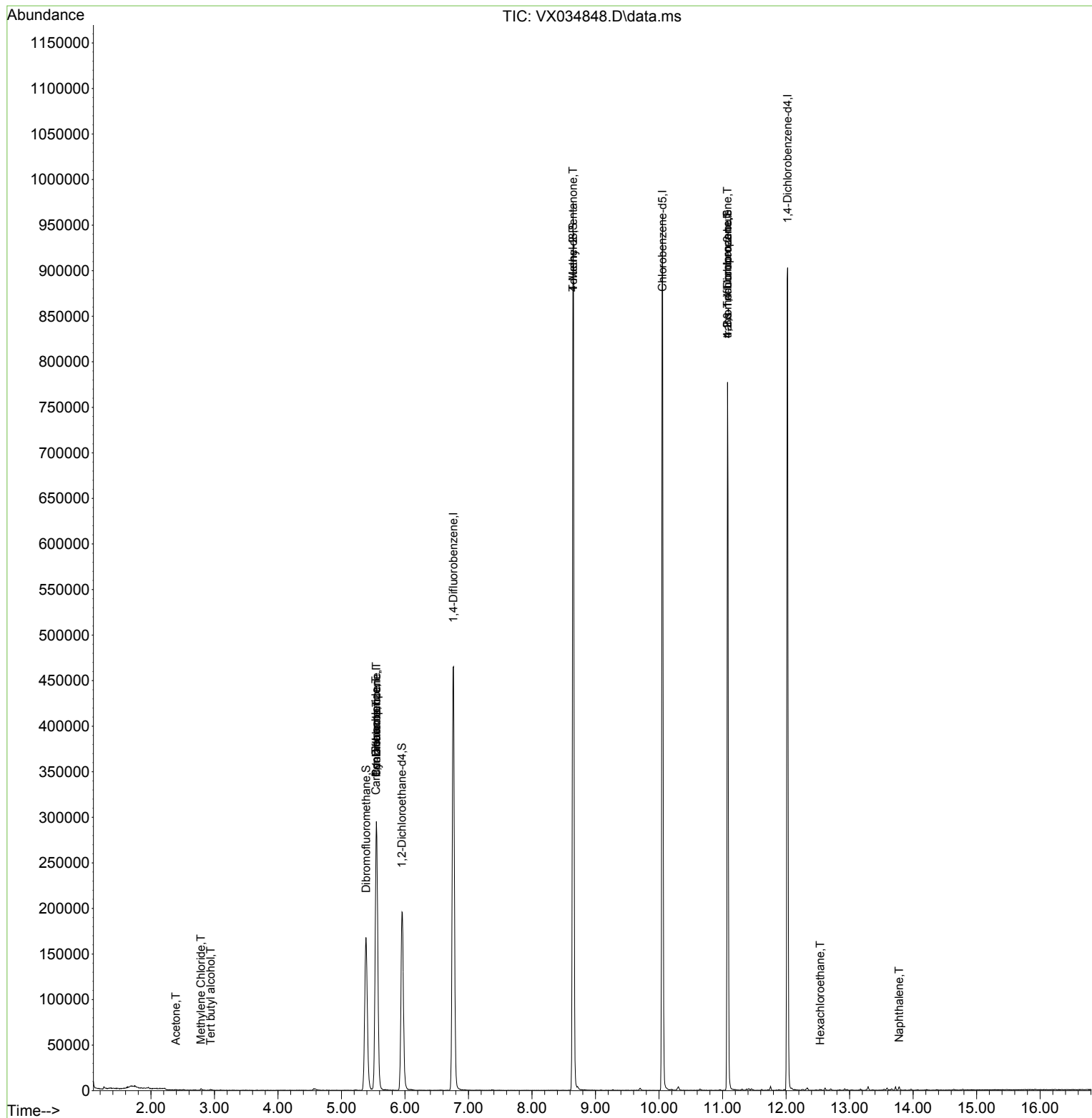
Internal Standards						
1) Pentafluorobenzene	5.550	168	269778	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	461413	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	410388	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	181752	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	191257	46.356	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.720%
35) Dibromofluoromethane	5.385	113	143114	46.894	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.780%
50) Toluene-d8	8.647	98	557935	49.530	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.060%
62) 4-Bromofluorobenzene	11.079	95	196607	45.102	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.200%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	554	0.769	ug/l #	73
16) Acetone	2.392	43	627	0.376	ug/l #	75
20) Methylene Chloride	2.788	84	690	0.207	ug/l	92
31) Cyclohexane	5.550	56	6771	1.348	ug/l #	6
36) 1,1-Dichloropropene	5.550	75	22771	5.053	ug/l #	50
38) Carbon Tetrachloride	5.544	117	29237	6.830	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	2758	0.593	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	107498	28.884	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	107498	77.372	ug/l #	8
90) Hexachloroethane	12.536	117	101	0.781	ug/l #	15
95) Naphthalene	13.780	128	2863	0.237	ug/l	98

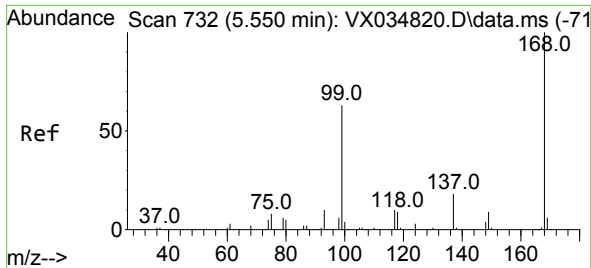
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033023\
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Quant Time: Mar 31 01:31:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 30 11:02:25 2023
Response via : Initial Calibration

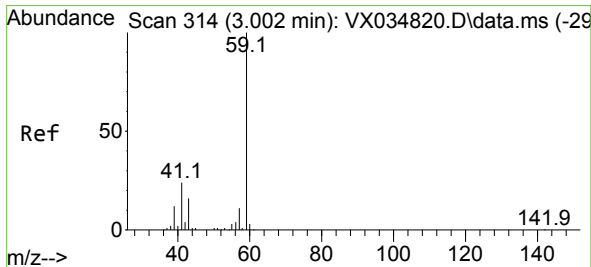
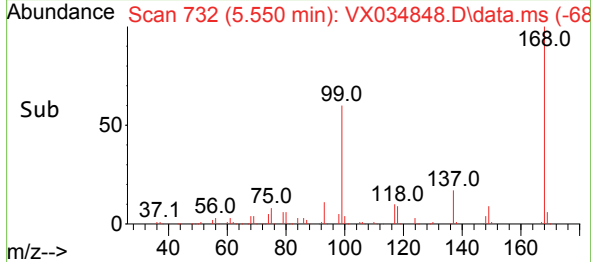
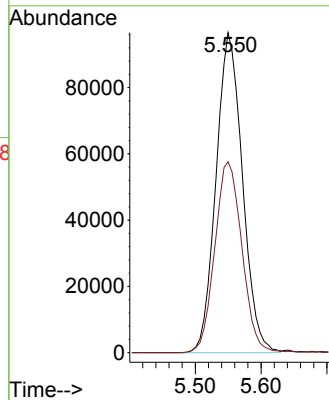
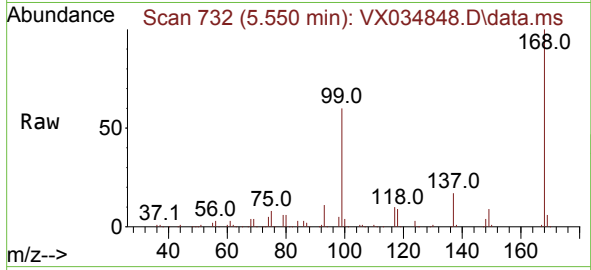




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX034848.D
Acq: 30 Mar 2023 13:33

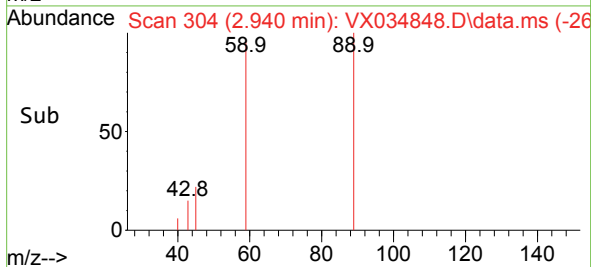
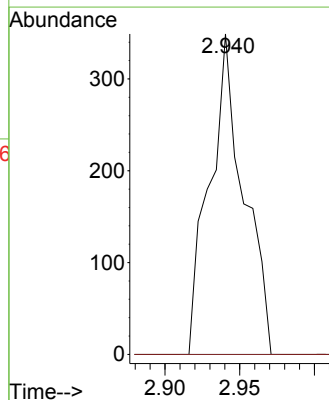
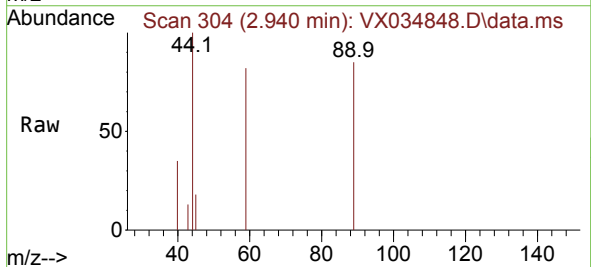
Instrument :
MSVOA_X
ClientSampleId :
IBLK

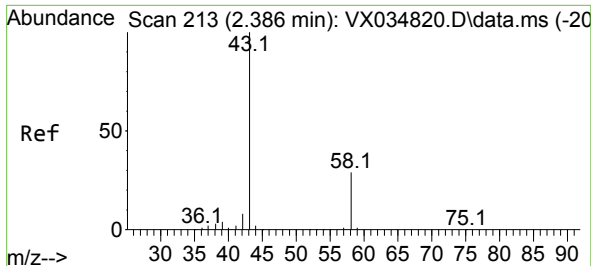
Tgt Ion:168 Resp: 269778
Ion Ratio Lower Upper
168 100
99 59.6 45.7 68.5



#11
Tert butyl alcohol
Concen: 0.769 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.061 min
Lab File: VX034848.D
Acq: 30 Mar 2023 13:33

Tgt Ion: 59 Resp: 554
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

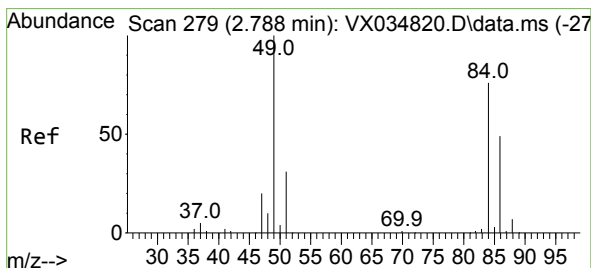
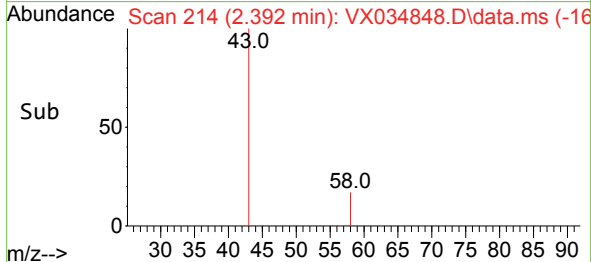
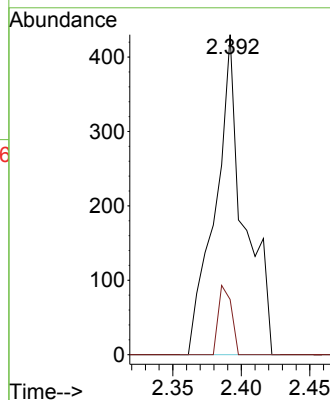
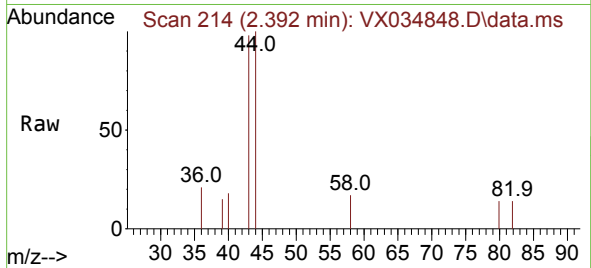




#16
Acetone
Concen: 0.376 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX034848.D
Acq: 30 Mar 2023 13:33

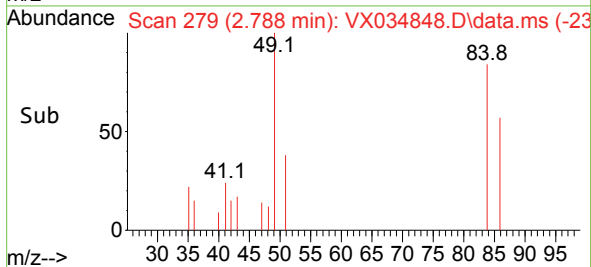
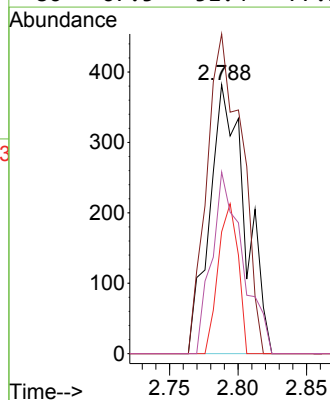
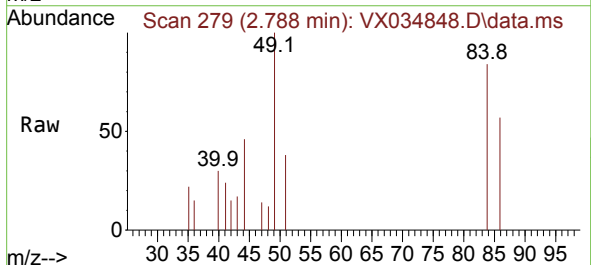
Instrument :
MSVOA_X
ClientSampleId :
IBLK

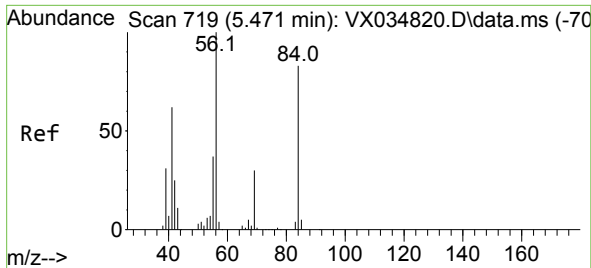
Tgt Ion: 43 Resp: 627
Ion Ratio Lower Upper
43 100
58 17.2 24.7 37.1#



#20
Methylene Chloride
Concen: 0.207 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX034848.D
Acq: 30 Mar 2023 13:33

Tgt Ion: 84 Resp: 690
Ion Ratio Lower Upper
84 100
49 118.8 103.8 155.8
51 45.3 31.8 47.8
86 67.5 51.4 77.2

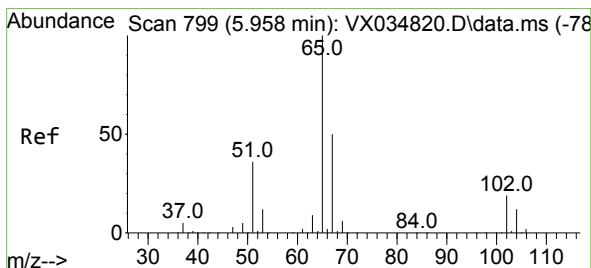
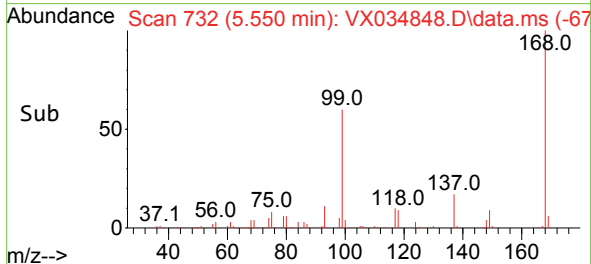
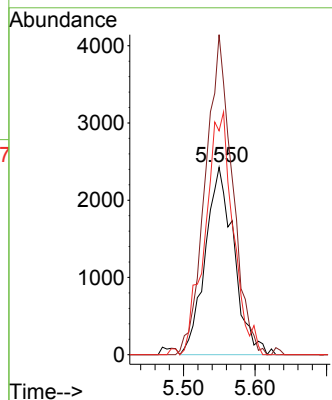
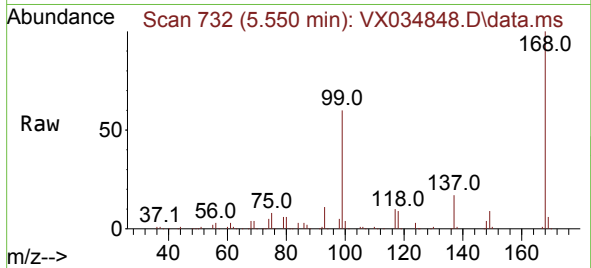




#31
Cyclohexane
Concen: 1.348 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX034848.D
Acq: 30 Mar 2023 13:33

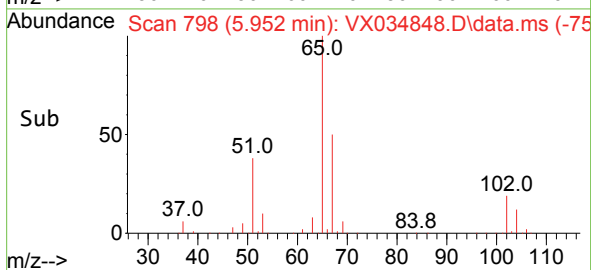
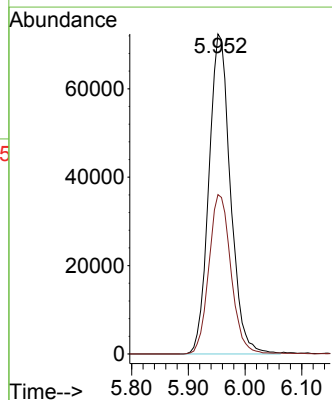
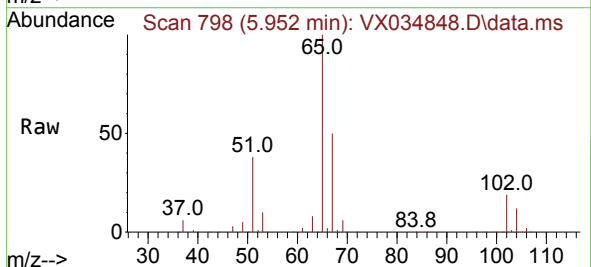
Instrument :
MSVOA_X
ClientSampleId :
IBLK

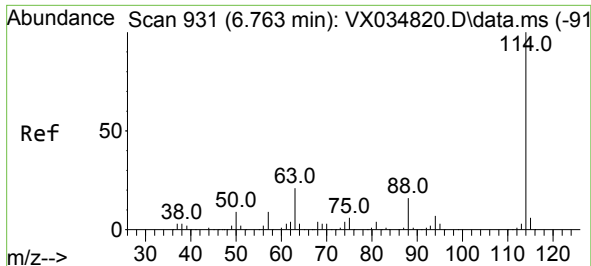
Tgt Ion: 56 Resp: 6771
Ion Ratio Lower Upper
56 100
69 168.6 23.7 35.5#
84 119.5 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 46.356 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX034848.D
Acq: 30 Mar 2023 13:33

Tgt Ion: 65 Resp: 191257
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX034848.D

Acq: 30 Mar 2023 13:33

Instrument :

MSVOA_X

ClientSampleId :

IBLK

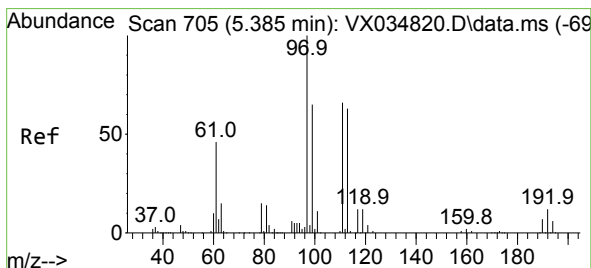
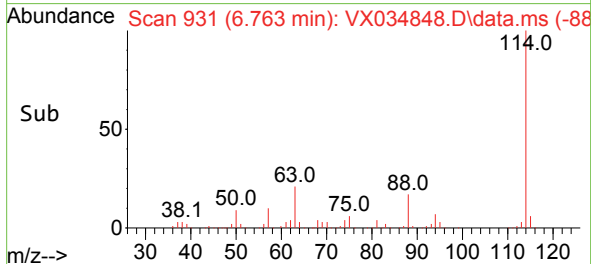
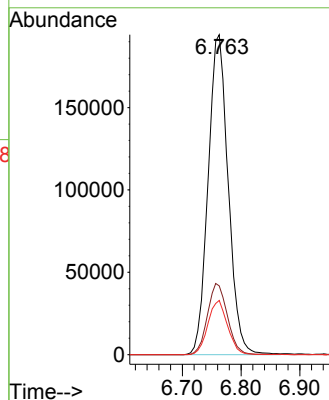
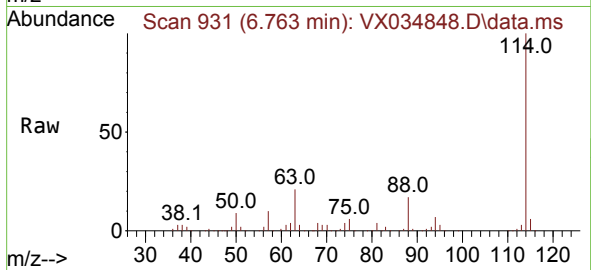
Tgt Ion:114 Resp: 461413

Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.2

88 16.9 0.0 33.2



#35

Dibromofluoromethane

Concen: 46.894 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX034848.D

Acq: 30 Mar 2023 13:33

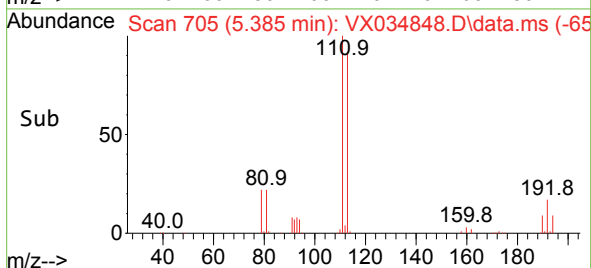
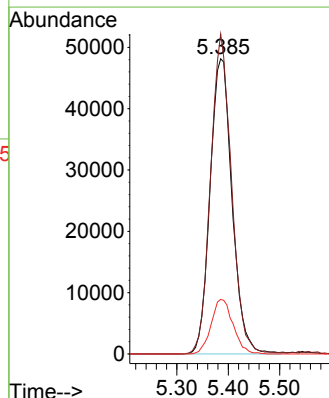
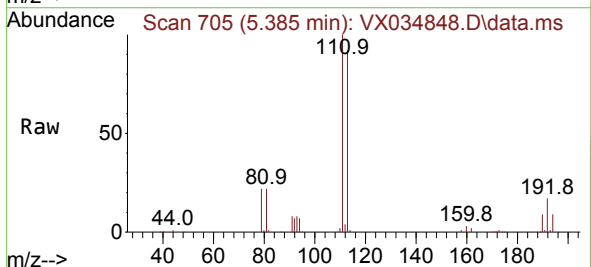
Tgt Ion:113 Resp: 143114

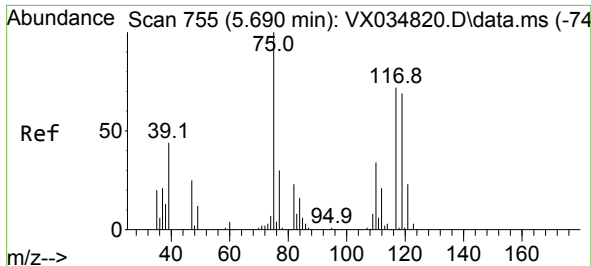
Ion Ratio Lower Upper

113 100

111 103.0 83.7 125.5

192 18.4 15.4 23.2

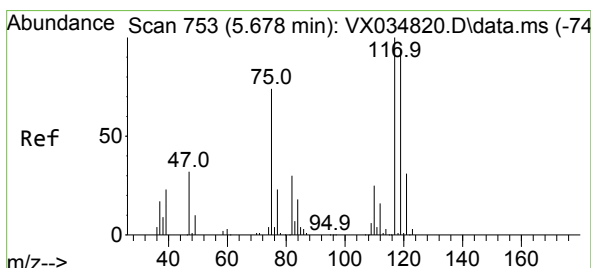
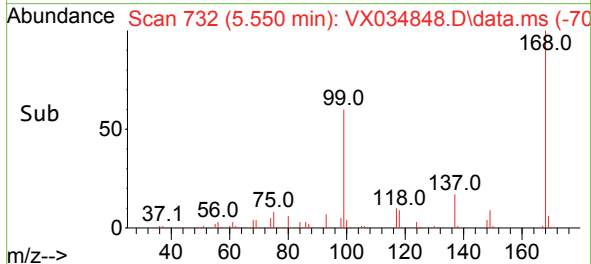
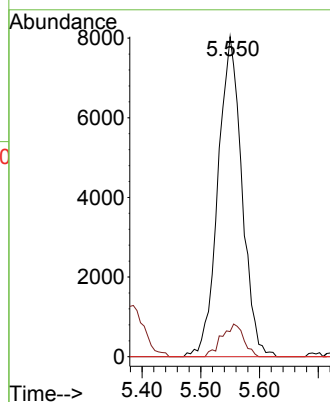
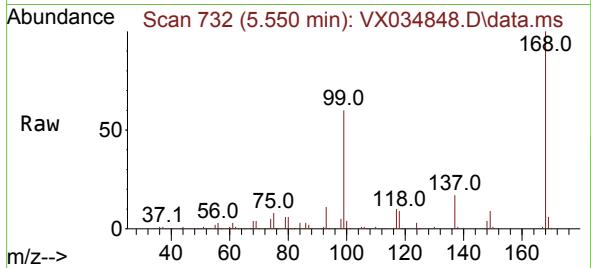




#36
1,1-Dichloropropene
Concen: 5.053 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX034848.D
Acq: 30 Mar 2023 13:33

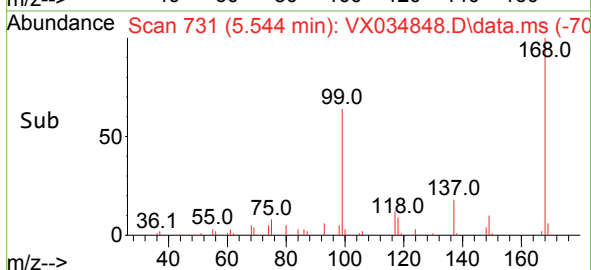
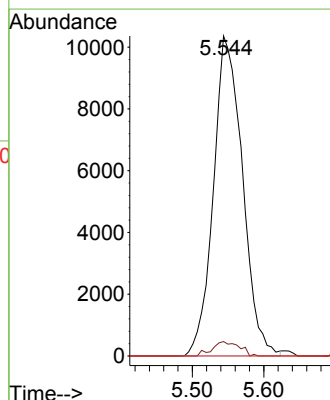
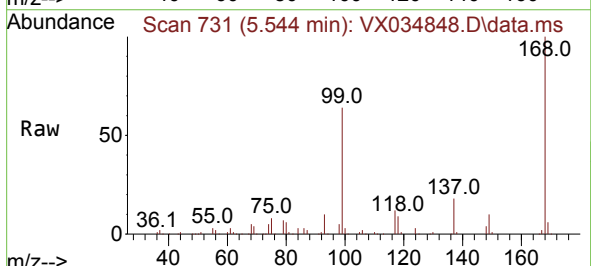
Instrument :
MSVOA_X
ClientSampleId :
IBLK

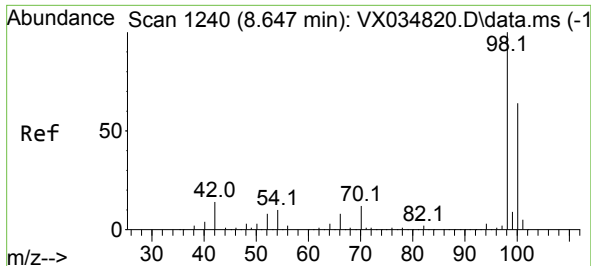
Tgt Ion: 75 Resp: 22771
Ion Ratio Lower Upper
75 100
110 9.4 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.830 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX034848.D
Acq: 30 Mar 2023 13:33

Tgt Ion: 117 Resp: 29237
Ion Ratio Lower Upper
117 100
119 4.5 76.6 114.8#
121 0.0 23.8 35.6#

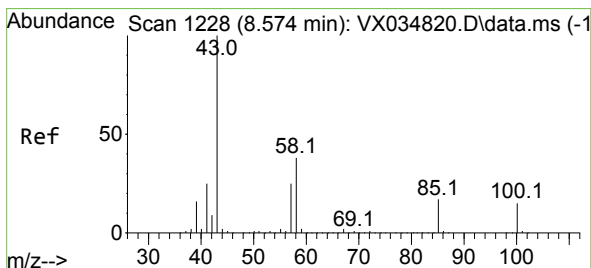
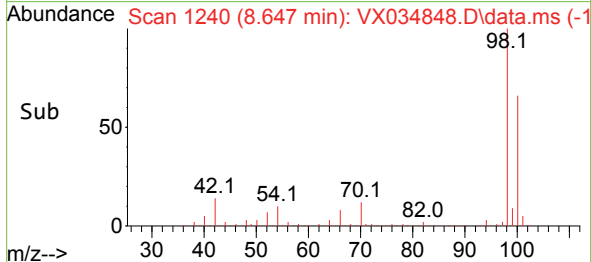
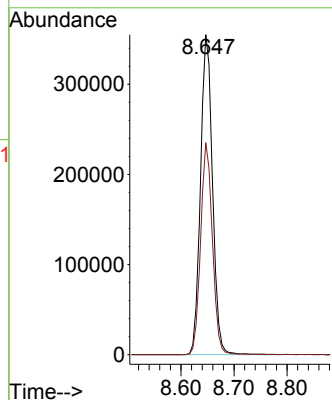
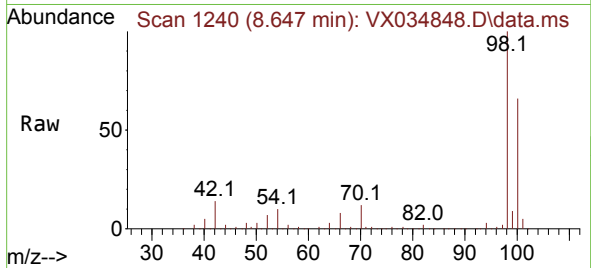




#50
Toluene-d8
Concen: 49.530 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034848.D
Acq: 30 Mar 2023 13:33

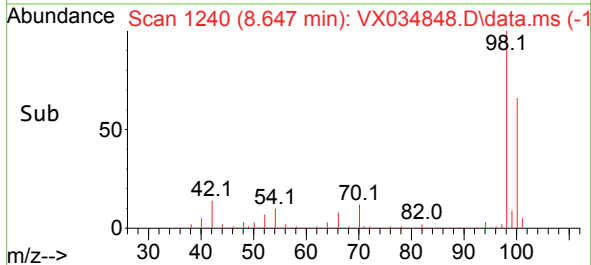
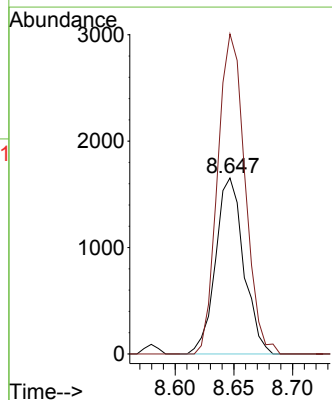
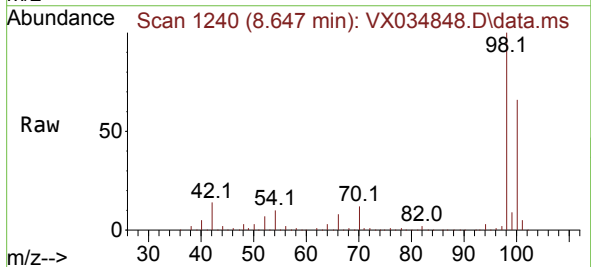
Instrument :
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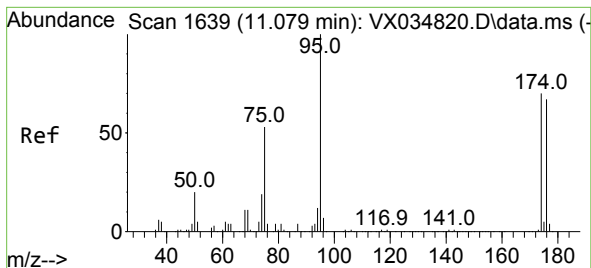
Tgt Ion: 98 Resp: 557935
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.593 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX034848.D
Acq: 30 Mar 2023 13:33

Tgt Ion: 43 Resp: 2758
Ion Ratio Lower Upper
43 100
58 176.8 30.6 46.0#

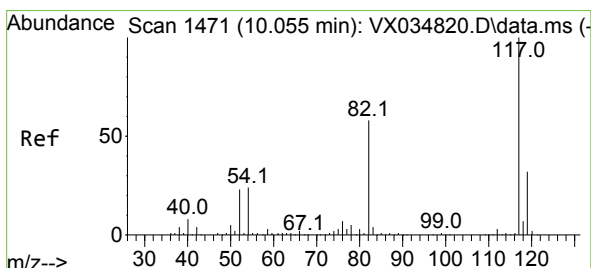
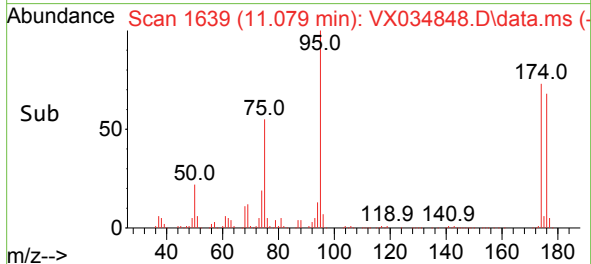
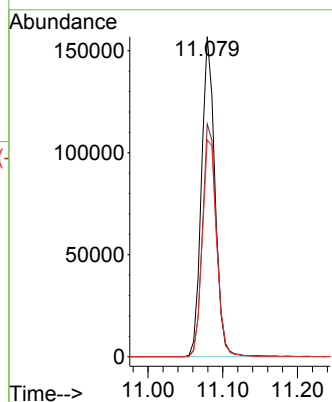
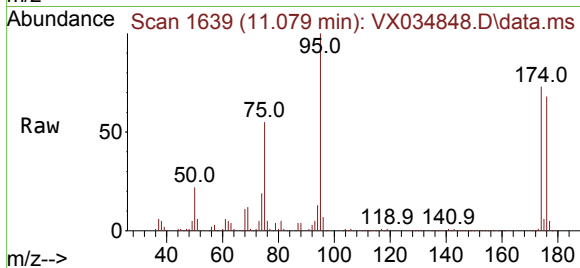




#62
4-Bromofluorobenzene
Concen: 45.102 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX034848.D
Acq: 30 Mar 2023 13:33

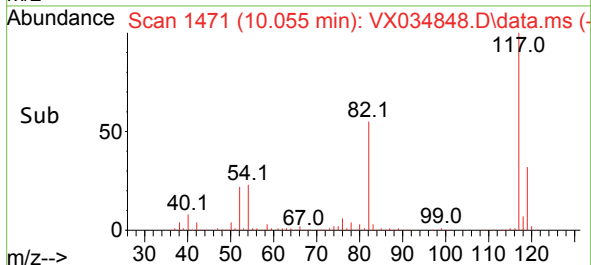
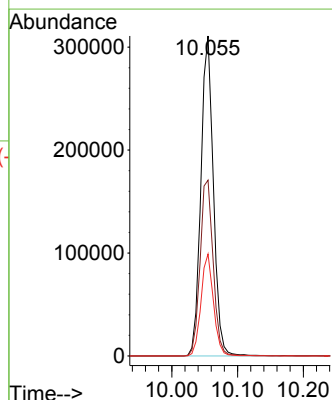
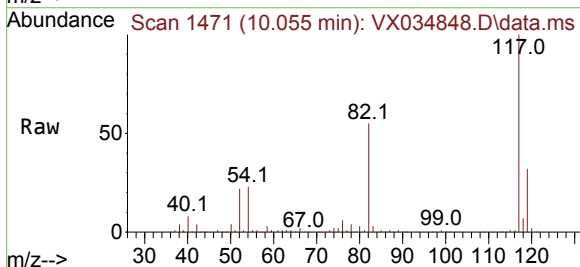
Instrument :
MSVOA_X
ClientSampleId :
IBLK

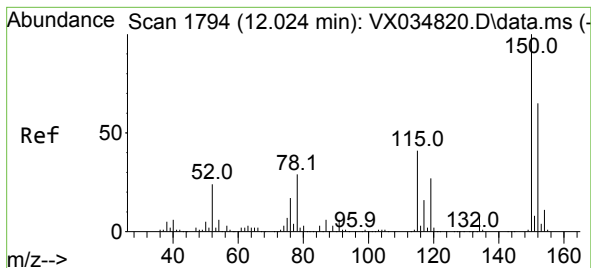
Tgt Ion: 95 Resp: 196607
Ion Ratio Lower Upper
95 100
174 75.9 0.0 147.4
176 72.3 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034848.D
Acq: 30 Mar 2023 13:33

Tgt Ion: 117 Resp: 410388
Ion Ratio Lower Upper
117 100
82 55.0 45.0 67.4
119 31.9 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034848.D

Acq: 30 Mar 2023 13:33

Instrument :

MSVOA_X

ClientSampleId :

IBLK

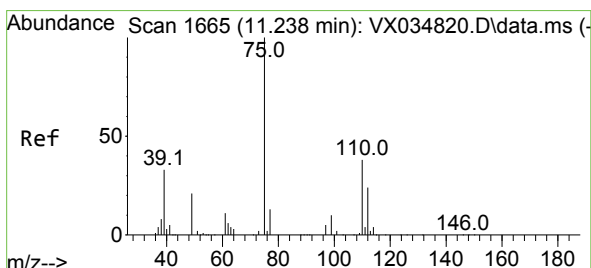
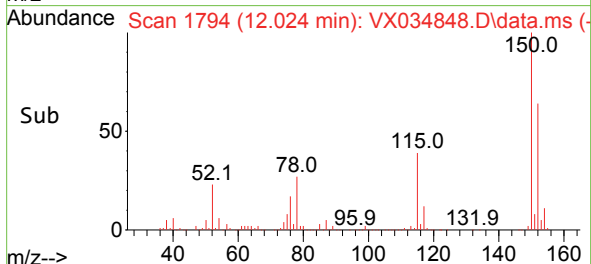
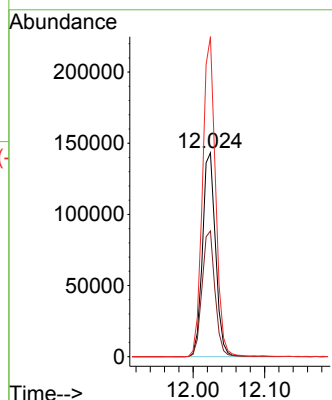
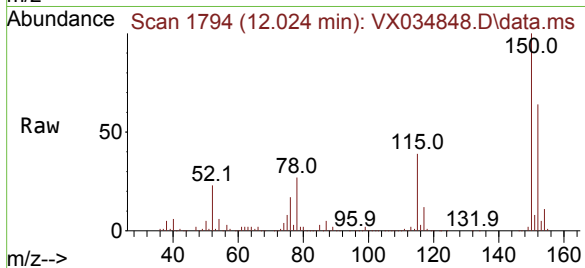
Tgt Ion:152 Resp: 181752

Ion Ratio Lower Upper

152 100

115 61.6 45.0 135.0

150 156.0 0.0 352.4



#76

1,2,3-Trichloropropane

Concen: 28.884 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX034848.D

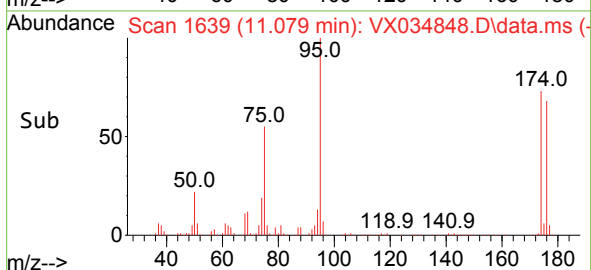
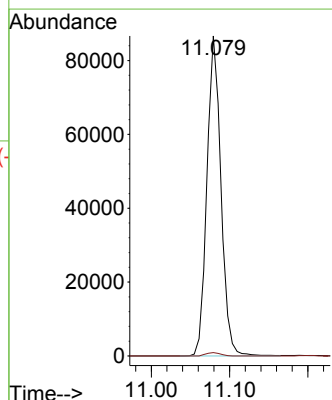
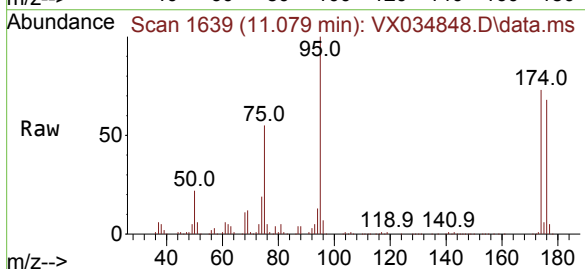
Acq: 30 Mar 2023 13:33

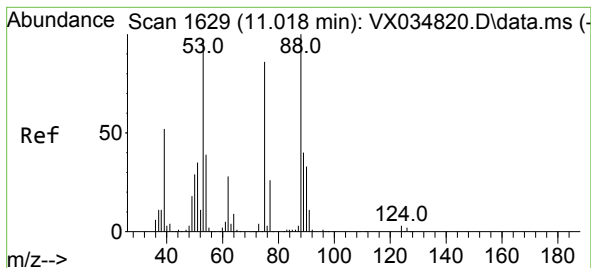
Tgt Ion: 75 Resp: 107498

Ion Ratio Lower Upper

75 100

77 1.1 21.6 64.8#

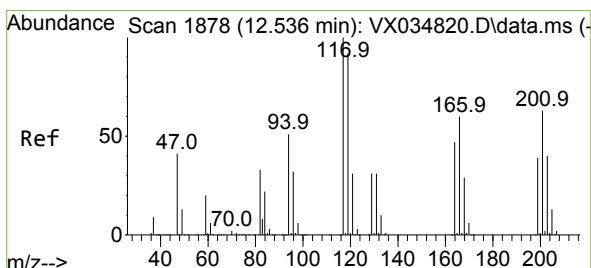
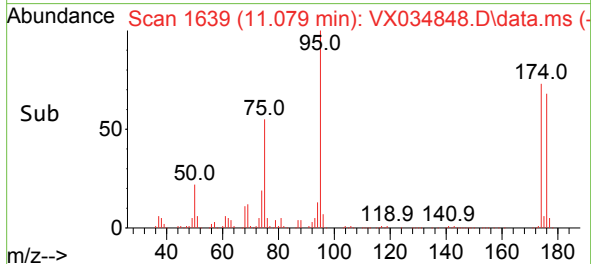
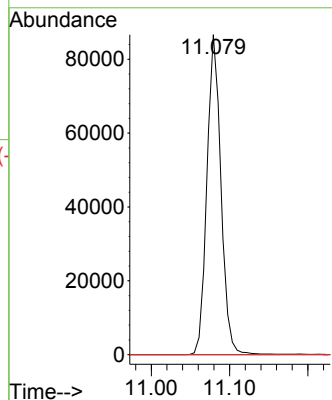
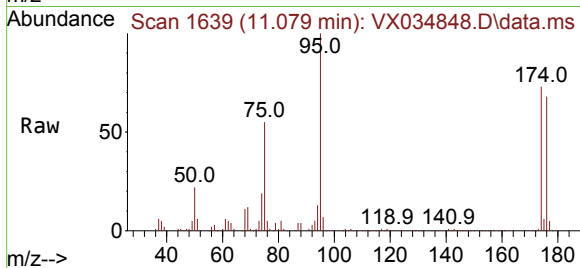




#81
trans-1,4-Dichloro-2-butene
Concen: 77.372 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034848.D
Acq: 30 Mar 2023 13:33

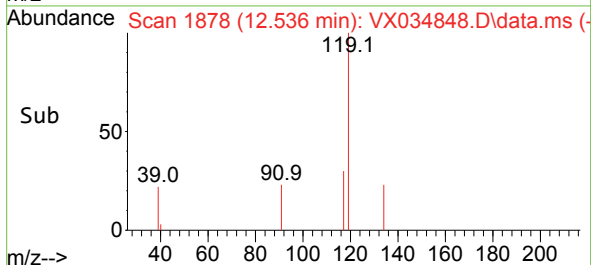
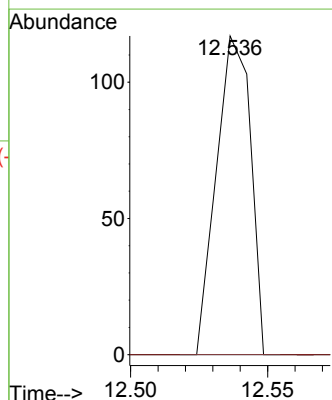
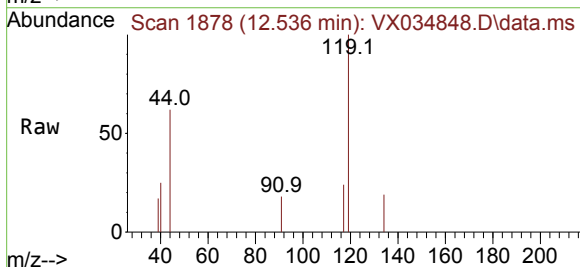
Instrument :
MSVOA_X
ClientSampleId :
IBLK

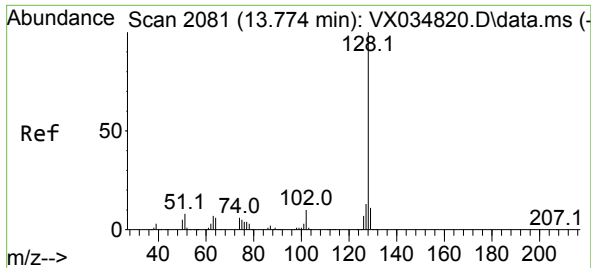
Tgt Ion: 75 Resp: 107498
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#



#90
Hexachloroethane
Concen: 0.781 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034848.D
Acq: 30 Mar 2023 13:33

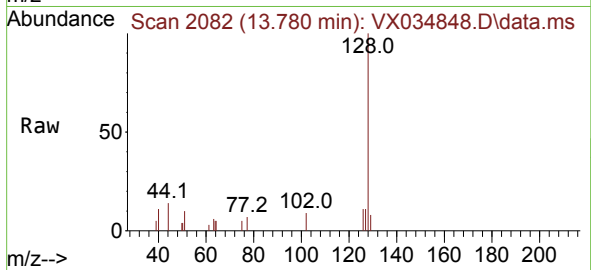
Tgt Ion: 117 Resp: 101
Ion Ratio Lower Upper
117 100
201 0.0 34.4 103.1#





#95
Naphthalene
Concen: 0.237 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX034848.D
Acq: 30 Mar 2023 13:33

Instrument :
MSVOA_X
ClientSampleId :
IBLK



Tgt Ion:	128	Resp:	2863
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	9.3	8.6	13.0

