

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062524\
 Data File : VX042030.D
 Acq On : 25 Jun 2024 14:23
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jun 26 05:38:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

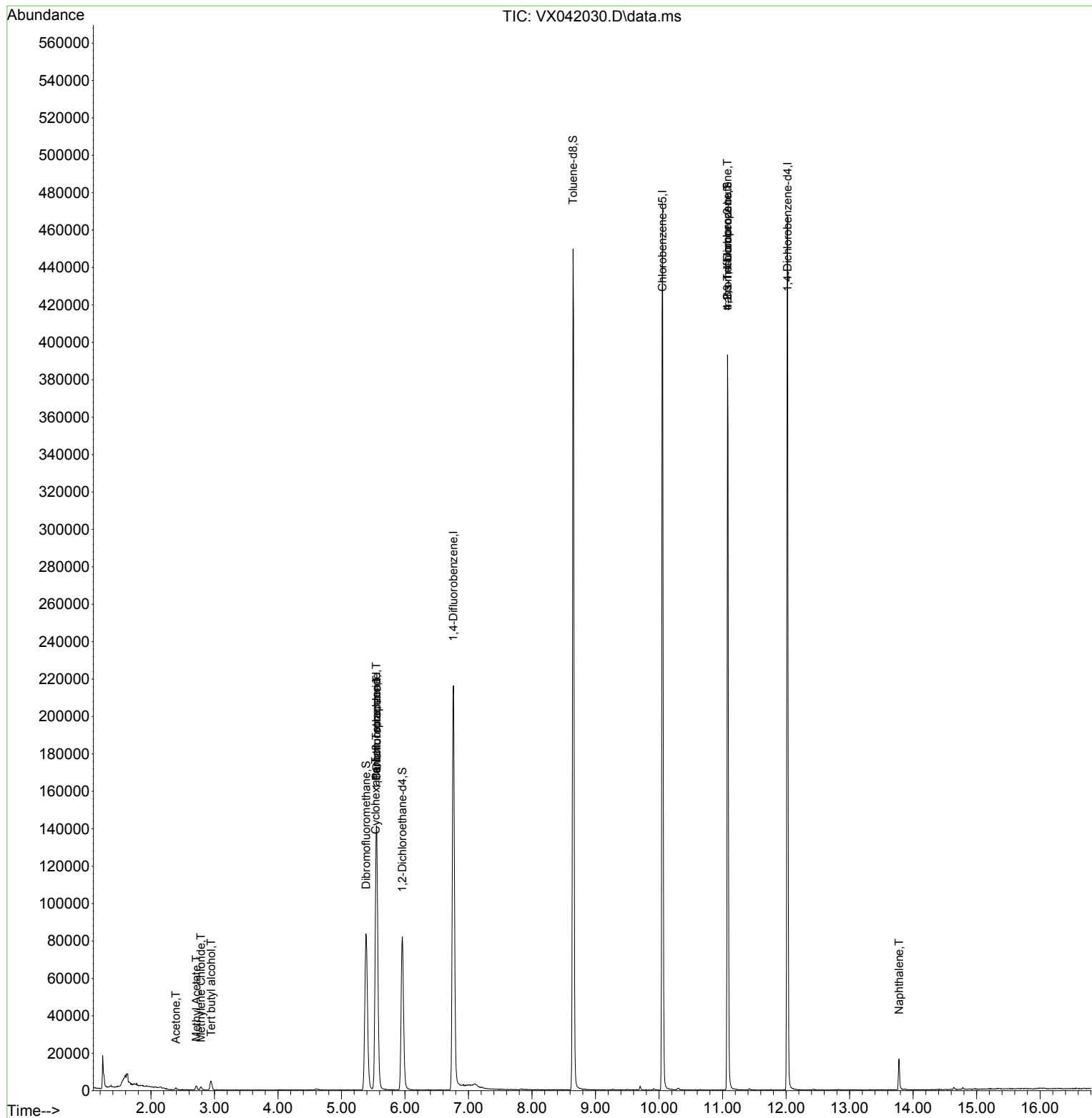
Internal Standards						
1) Pentafluorobenzene	5.550	168	158511	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	243268	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	235873	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117446	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78976	43.207	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.420%
35) Dibromofluoromethane	5.385	113	75871	43.955	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.900%
50) Toluene-d8	8.647	98	281653	46.447	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.900%
62) 4-Bromofluorobenzene	11.079	95	104773	46.872	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.740%
Target Compounds						
					Qvalue	
6) Chloroethane	1.679	64	544	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	2865	8.259	ug/l #	78
16) Acetone	2.392	43	1078	1.343	ug/l	95
18) Methyl Acetate	2.715	43	2835	1.295	ug/l	95
20) Methylene Chloride	2.788	84	974	0.554	ug/l #	82
31) Cyclohexane	5.538	56	2214	1.036	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9331	5.091	ug/l #	51
38) Carbon Tetrachloride	5.550	117	13170	6.503	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	47495	22.276	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	47495	63.262	ug/l #	5
95) Naphthalene	13.780	128	13015	2.270	ug/l	99

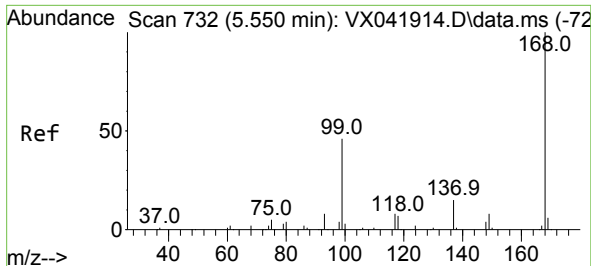
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062524\
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Quant Title : SW846 8260
QLast Update : Fri Jun 21 23:51:58 2024
Response via : Initial Calibration

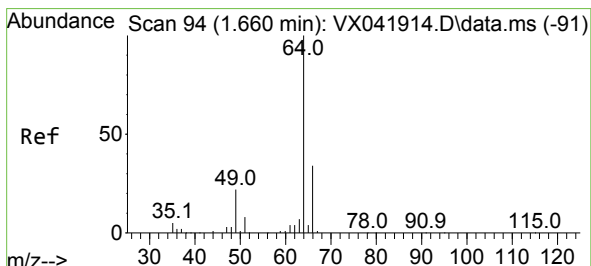
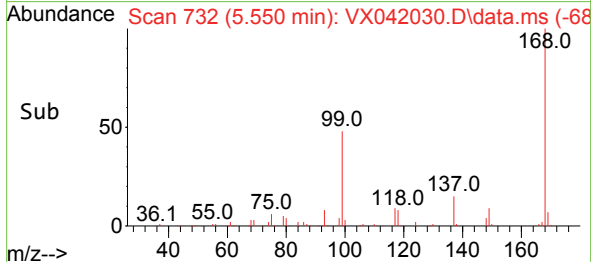
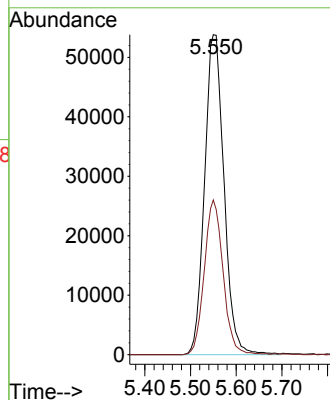
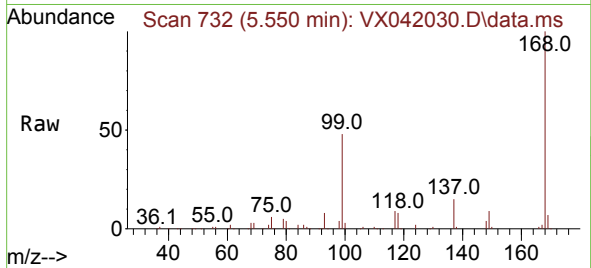




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042030.D
Acq: 25 Jun 2024 14:23

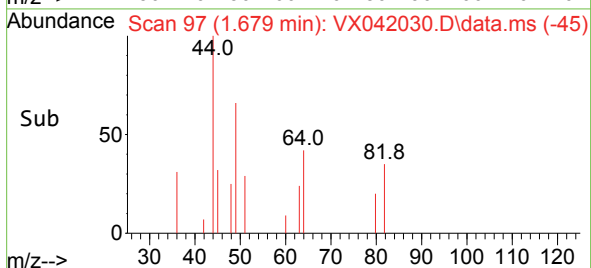
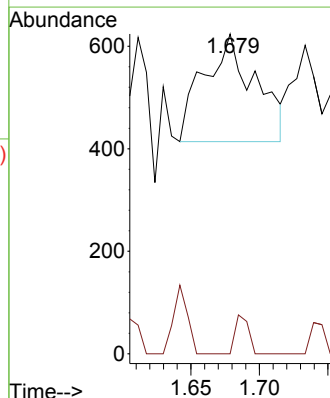
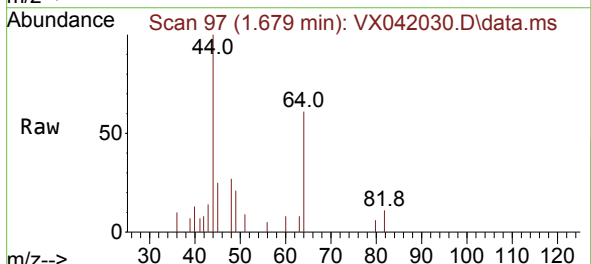
Instrument : MSVOA_X
ClientSampleId : IBLK

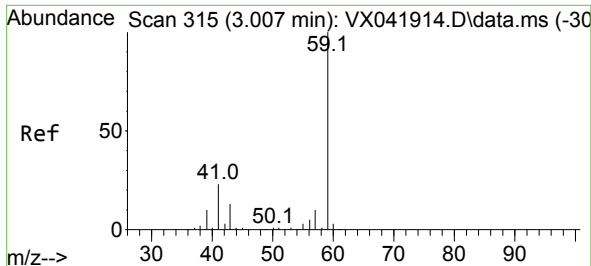
Tgt Ion:168 Resp: 158511
Ion Ratio Lower Upper
168 100
99 48.3 56.6 85.0#



#6
Chloroethane
Concen: Below Cal
RT: 1.679 min Scan# 97
Delta R.T. 0.019 min
Lab File: VX042030.D
Acq: 25 Jun 2024 14:23

Tgt Ion: 64 Resp: 544
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

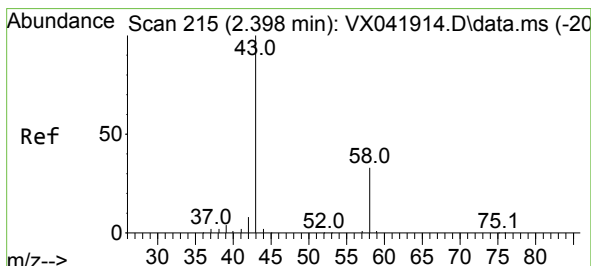
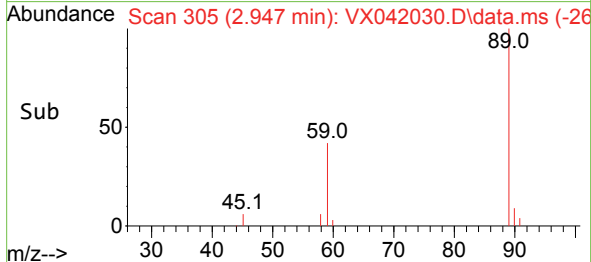
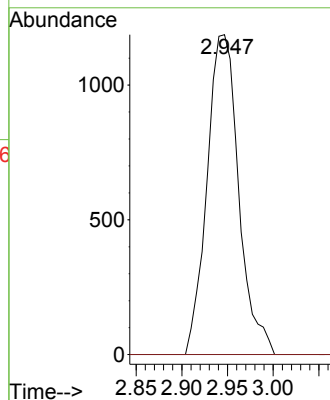
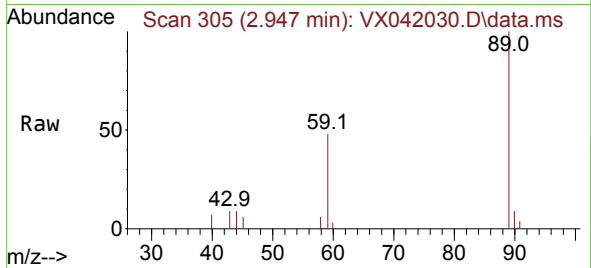




#11
Tert butyl alcohol
Concen: 8.259 ug/l
RT: 2.947 min Scan# 30
Delta R.T. -0.061 min
Lab File: VX042030.D
Acq: 25 Jun 2024 14:23

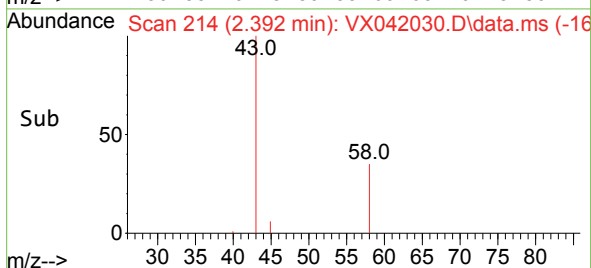
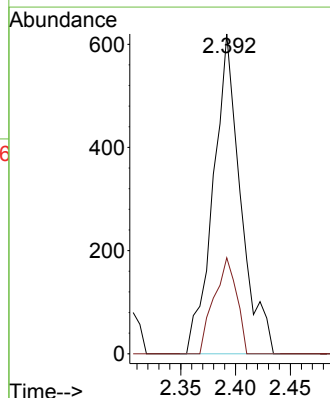
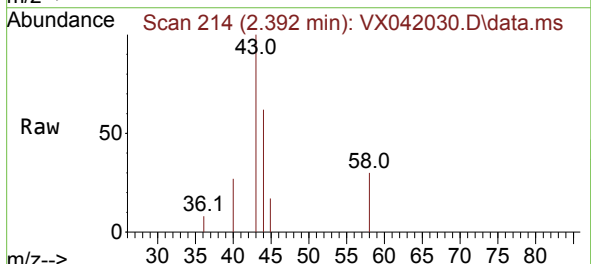
Instrument :
MSVOA_X
ClientSampleId :
IBLK

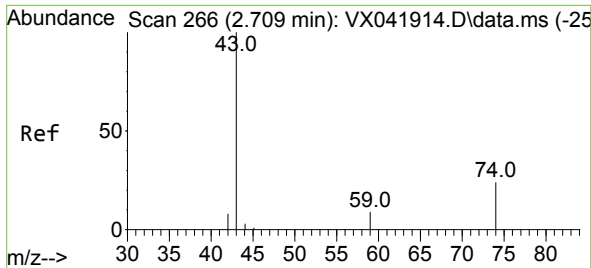
Tgt Ion: 59 Resp: 2865
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 1.343 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042030.D
Acq: 25 Jun 2024 14:23

Tgt Ion: 43 Resp: 1078
Ion Ratio Lower Upper
43 100
58 30.0 21.9 32.9





#18

Methyl Acetate

Concen: 1.295 ug/l

RT: 2.715 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX042030.D

Acq: 25 Jun 2024 14:23

Instrument :

MSVOA_X

ClientSampleId :

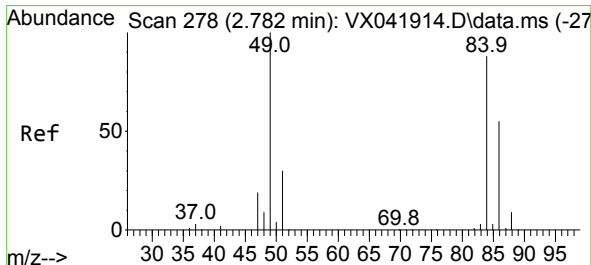
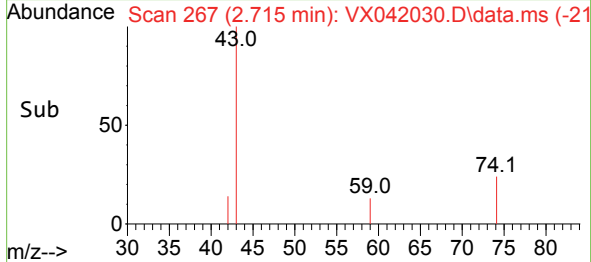
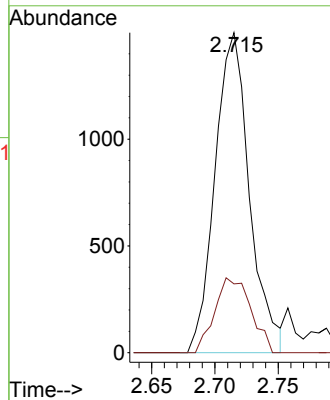
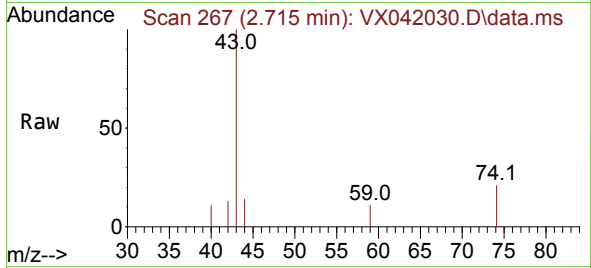
IBLK

Tgt Ion: 43 Resp: 2835

Ion Ratio Lower Upper

43 100

74 24.6 17.8 26.8



#20

Methylene Chloride

Concen: 0.554 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.006 min

Lab File: VX042030.D

Acq: 25 Jun 2024 14:23

Tgt Ion: 84 Resp: 974

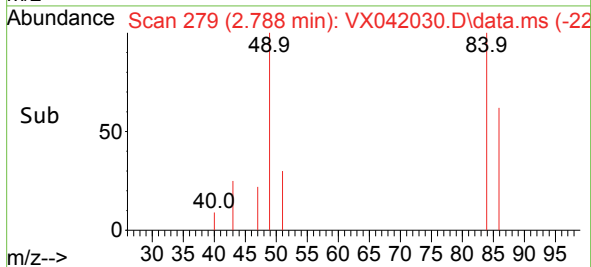
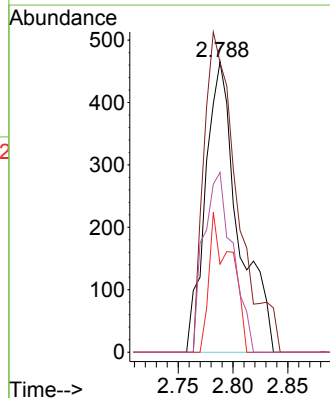
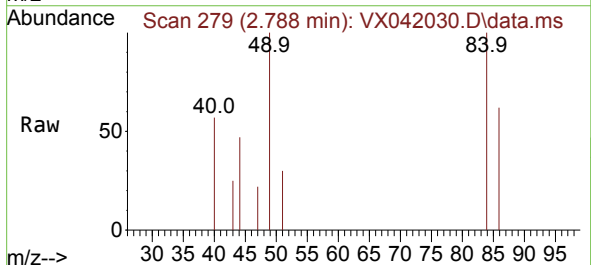
Ion Ratio Lower Upper

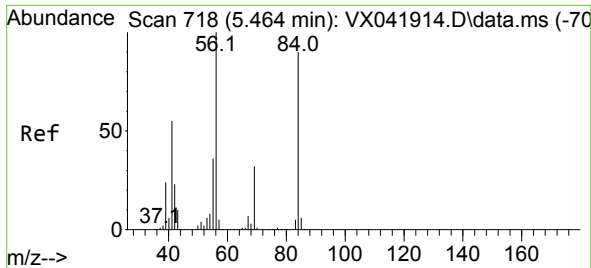
84 100

49 99.8 103.6 155.4#

51 30.3 33.8 50.6#

86 61.9 49.4 74.0

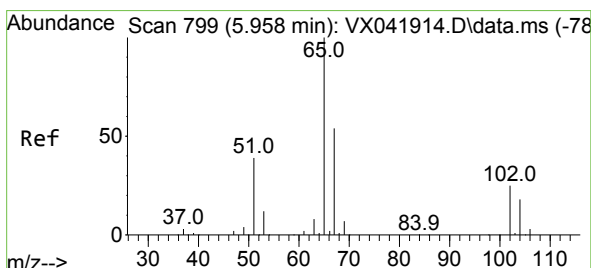
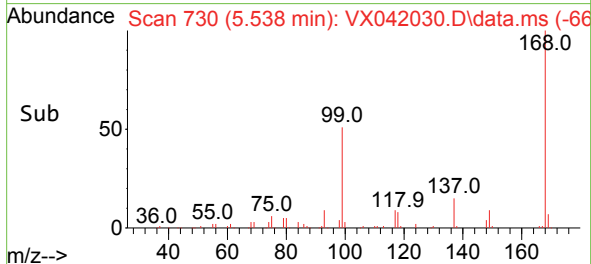
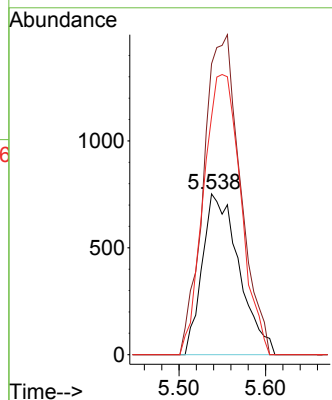
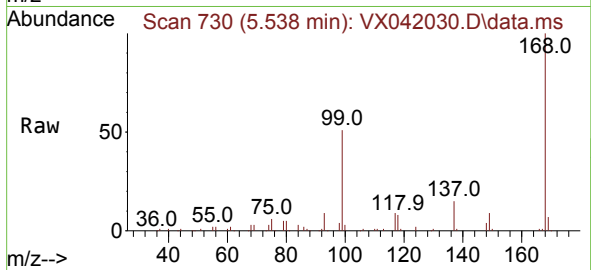




#31
Cyclohexane
Concen: 1.036 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX042030.D
Acq: 25 Jun 2024 14:23

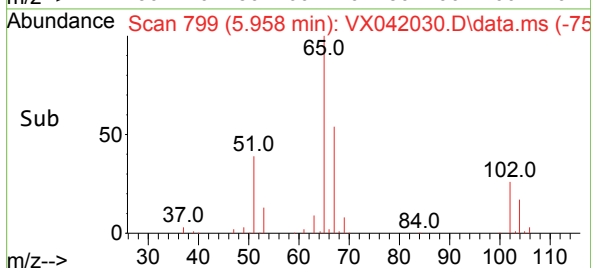
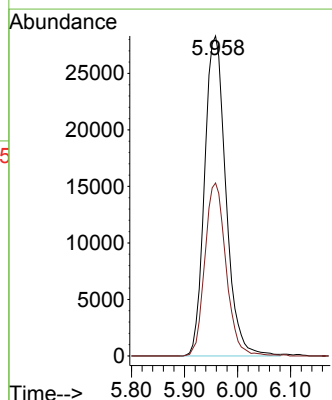
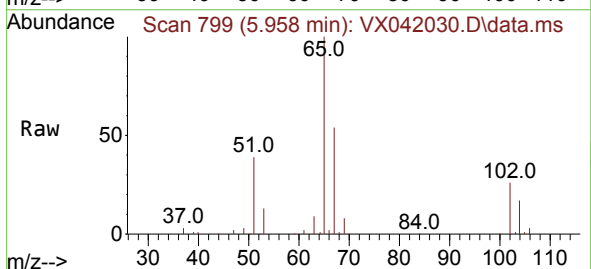
Instrument :
MSVOA_X
ClientSampleId :
IBLK

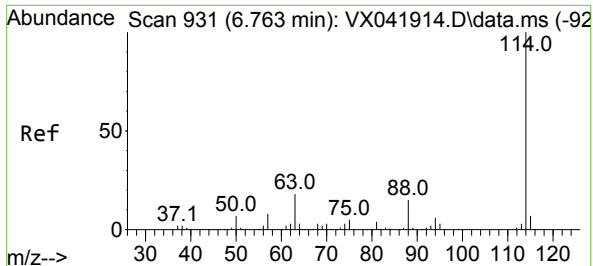
Tgt Ion: 56 Resp: 2214
Ion Ratio Lower Upper
56 100
69 181.0 23.4 35.2#
84 148.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 43.207 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX042030.D
Acq: 25 Jun 2024 14:23

Tgt Ion: 65 Resp: 78976
Ion Ratio Lower Upper
65 100
67 53.6 0.0 100.2

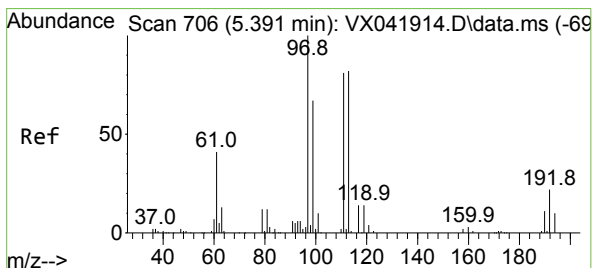
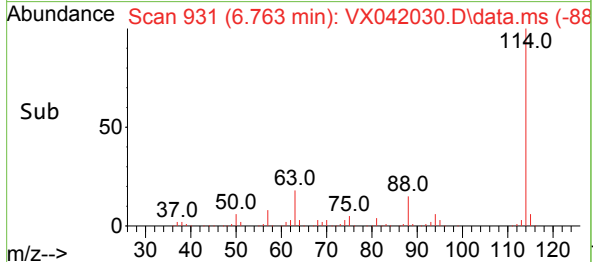
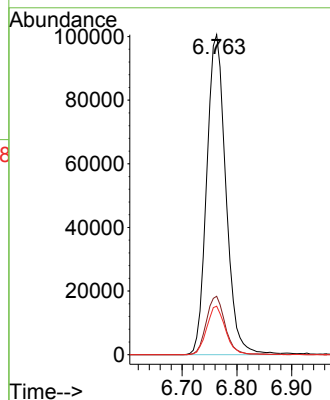
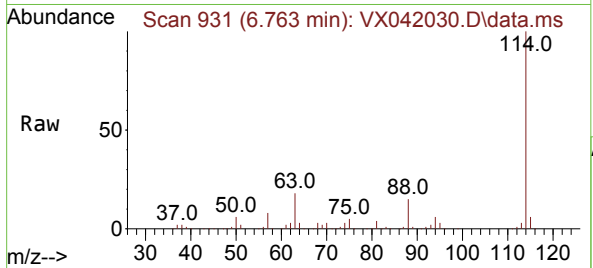




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX042030.D
Acq: 25 Jun 2024 14:23

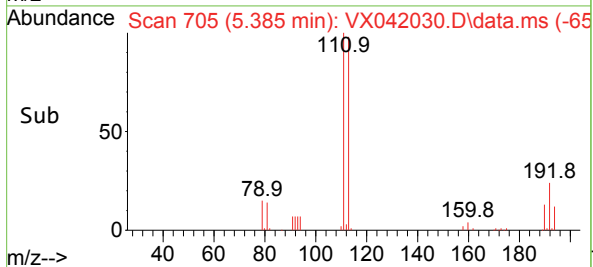
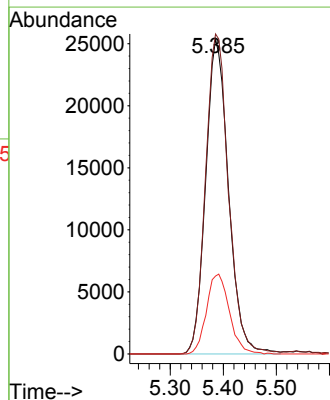
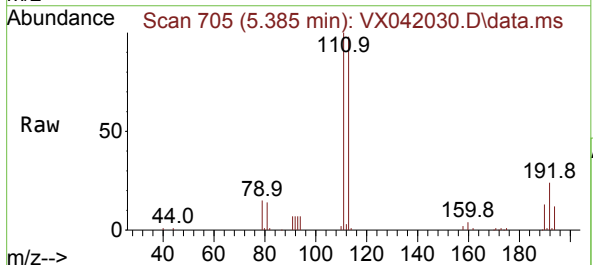
Instrument :
MSVOA_X
ClientSampleId :
IBLK

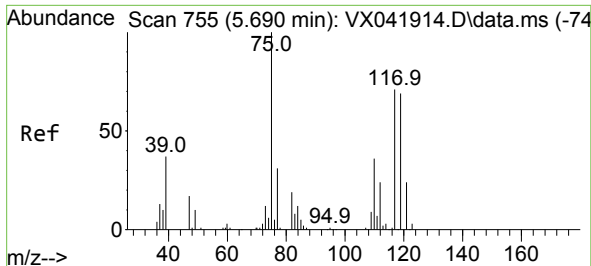
Tgt Ion:114 Resp: 243268
Ion Ratio Lower Upper
114 100
63 18.3 0.0 45.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.955 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042030.D
Acq: 25 Jun 2024 14:23

Tgt Ion:113 Resp: 75871
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 25.4 13.3 19.9#

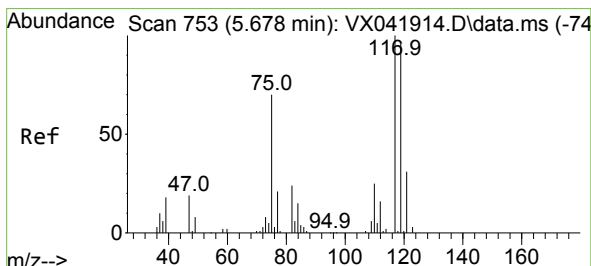
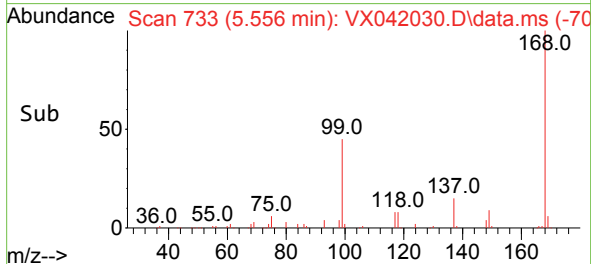
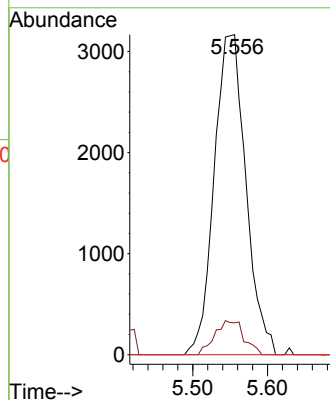
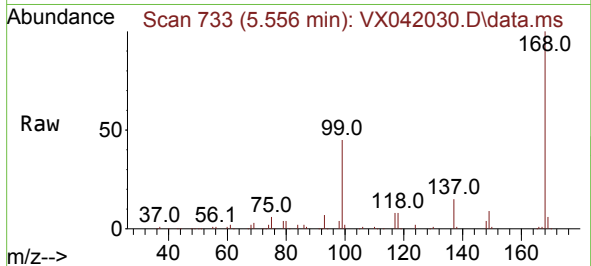




#36
1,1-Dichloropropene
Concen: 5.091 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX042030.D
Acq: 25 Jun 2024 14:23

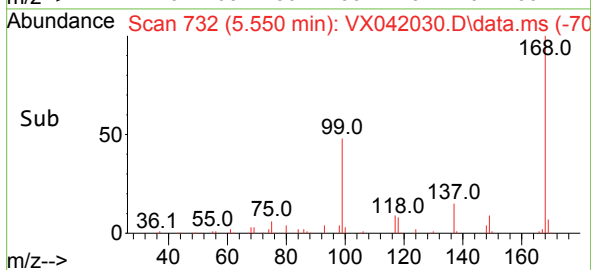
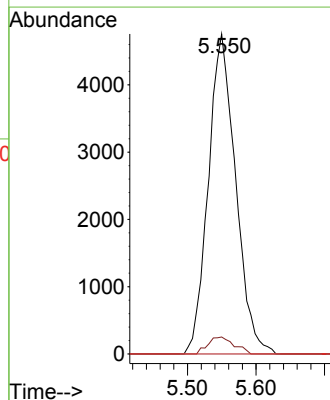
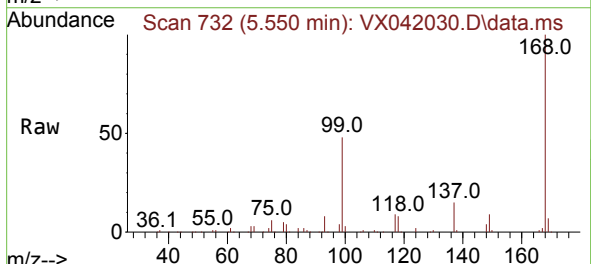
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IBLK

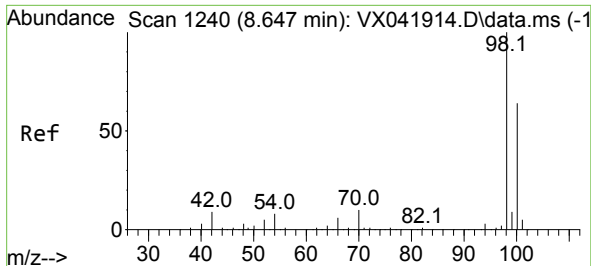
Tgt Ion: 75 Resp: 9331
Ion Ratio Lower Upper
75 100
110 9.8 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.503 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX042030.D
Acq: 25 Jun 2024 14:23

Tgt Ion: 117 Resp: 13170
Ion Ratio Lower Upper
117 100
119 5.3 78.2 117.2#
121 0.0 24.4 36.6#

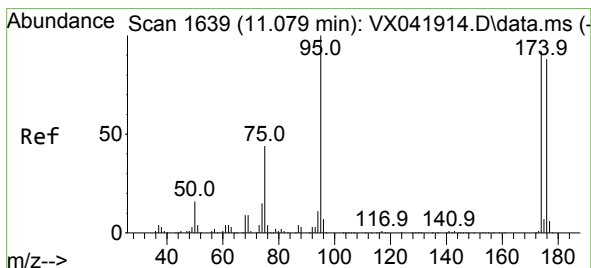
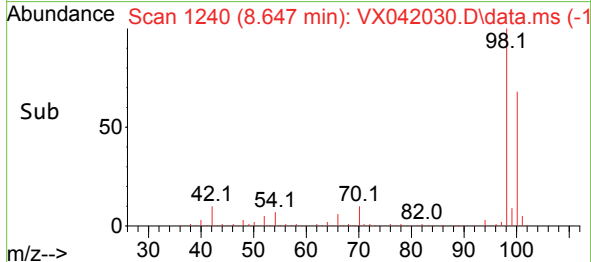
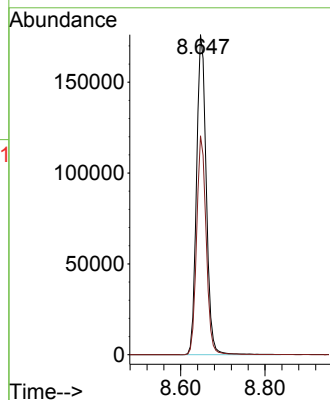
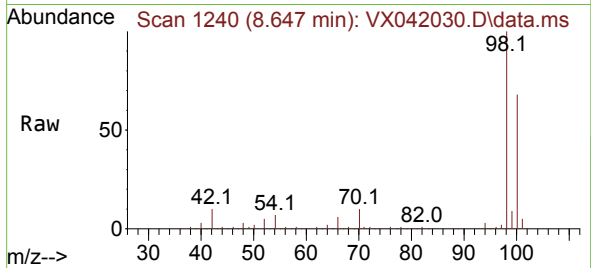




#50
Toluene-d8
Concen: 46.447 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042030.D
Acq: 25 Jun 2024 14:23

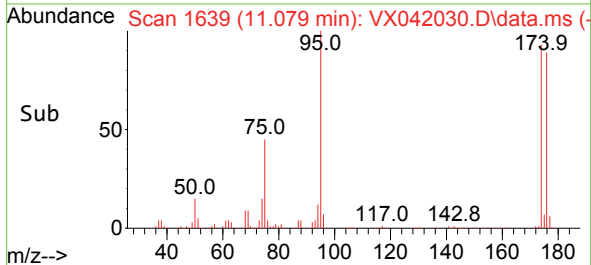
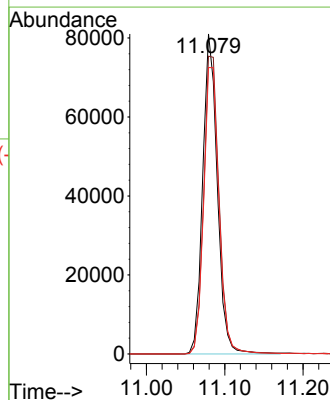
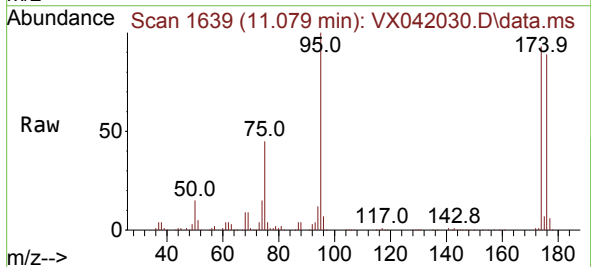
Instrument :
MSVOA_X
ClientSampleId :
IBLK

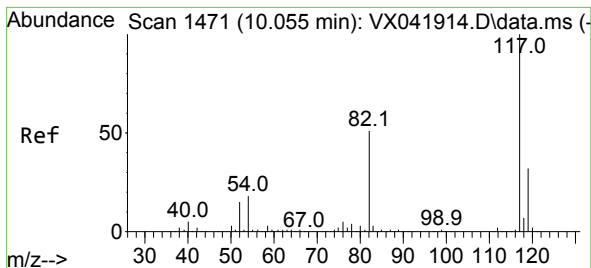
Tgt Ion: 98 Resp: 281653
Ion Ratio Lower Upper
98 100
100 67.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 46.872 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042030.D
Acq: 25 Jun 2024 14:23

Tgt Ion: 95 Resp: 104773
Ion Ratio Lower Upper
95 100
174 98.2 0.0 135.6
176 94.3 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX042030.D

Acq: 25 Jun 2024 14:23

Instrument :

MSVOA_X

ClientSampleId :

IBLK

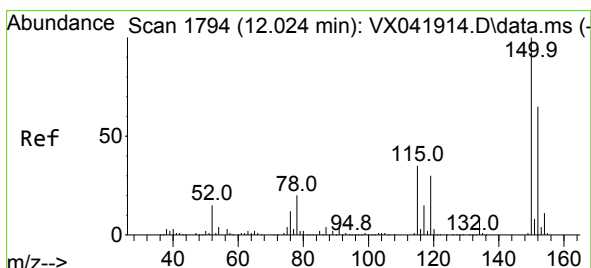
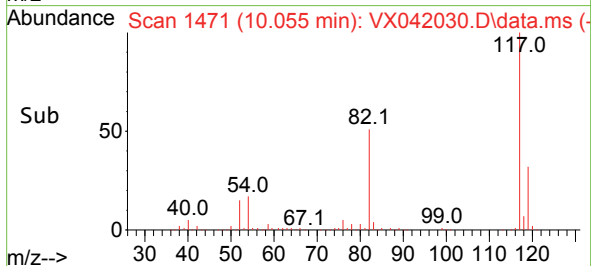
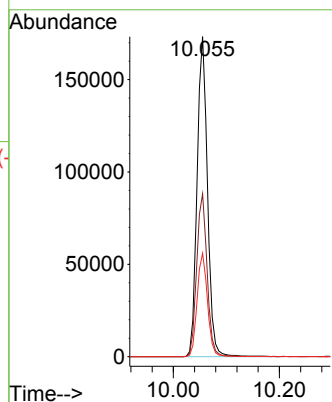
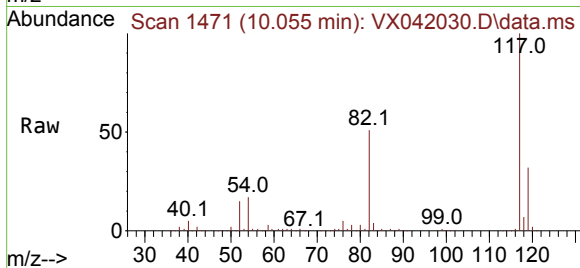
Tgt Ion:117 Resp: 235873

Ion Ratio Lower Upper

117 100

82 50.9 46.2 69.4

119 32.3 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX042030.D

Acq: 25 Jun 2024 14:23

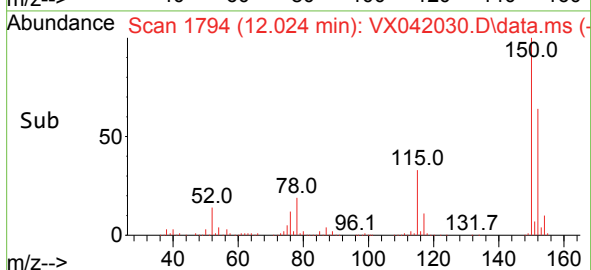
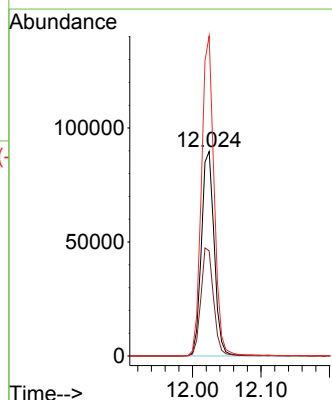
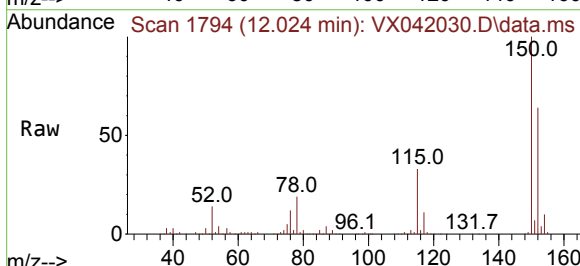
Tgt Ion:152 Resp: 117446

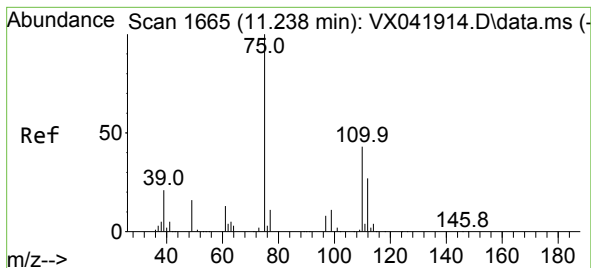
Ion Ratio Lower Upper

152 100

115 52.1 43.3 129.9

150 154.0 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.276 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX042030.D

Acq: 25 Jun 2024 14:23

Instrument :

MSVOA_X

ClientSampleId :

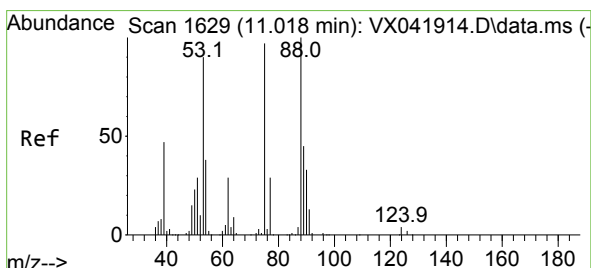
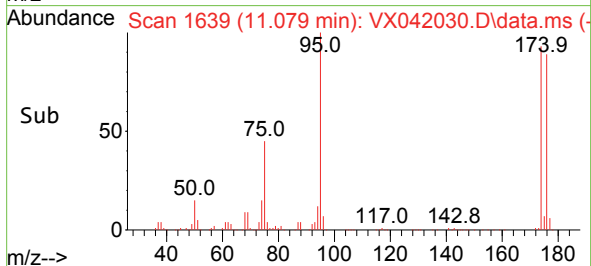
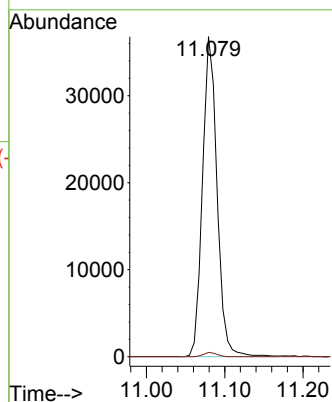
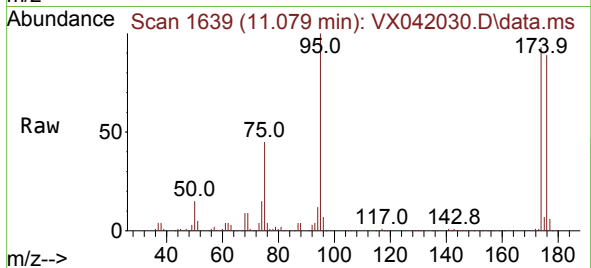
IBLK

Tgt Ion: 75 Resp: 47495

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.262 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX042030.D

Acq: 25 Jun 2024 14:23

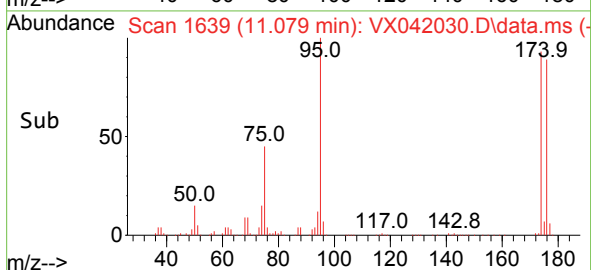
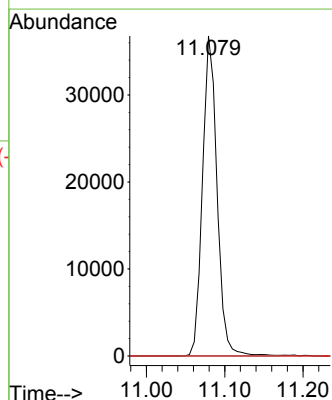
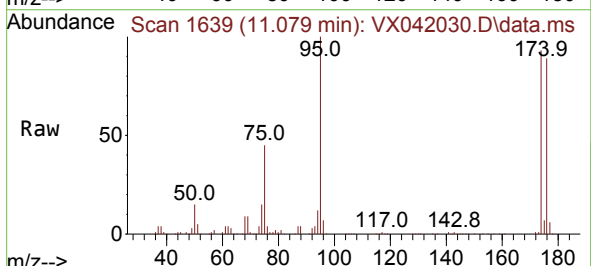
Tgt Ion: 75 Resp: 47495

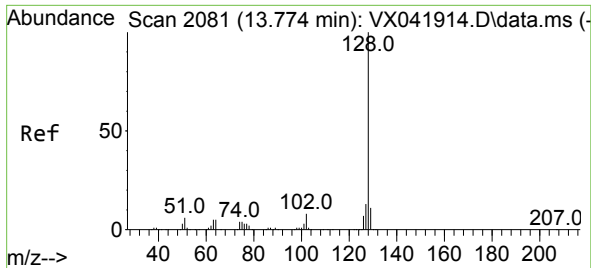
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

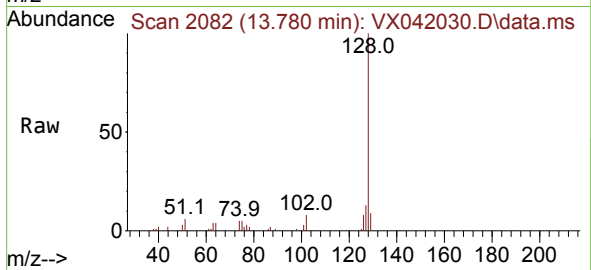
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 2.270 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX042030.D
Acq: 25 Jun 2024 14:23

Instrument :
MSVOA_X
ClientSampleId :
IBLK



Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.3	8.8	13.2

