

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061924\
 Data File : VX041949.D
 Acq On : 19 Jun 2024 16:07
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jun 20 00:58:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 19 07:57:22 2024
 Response via : Initial Calibration

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

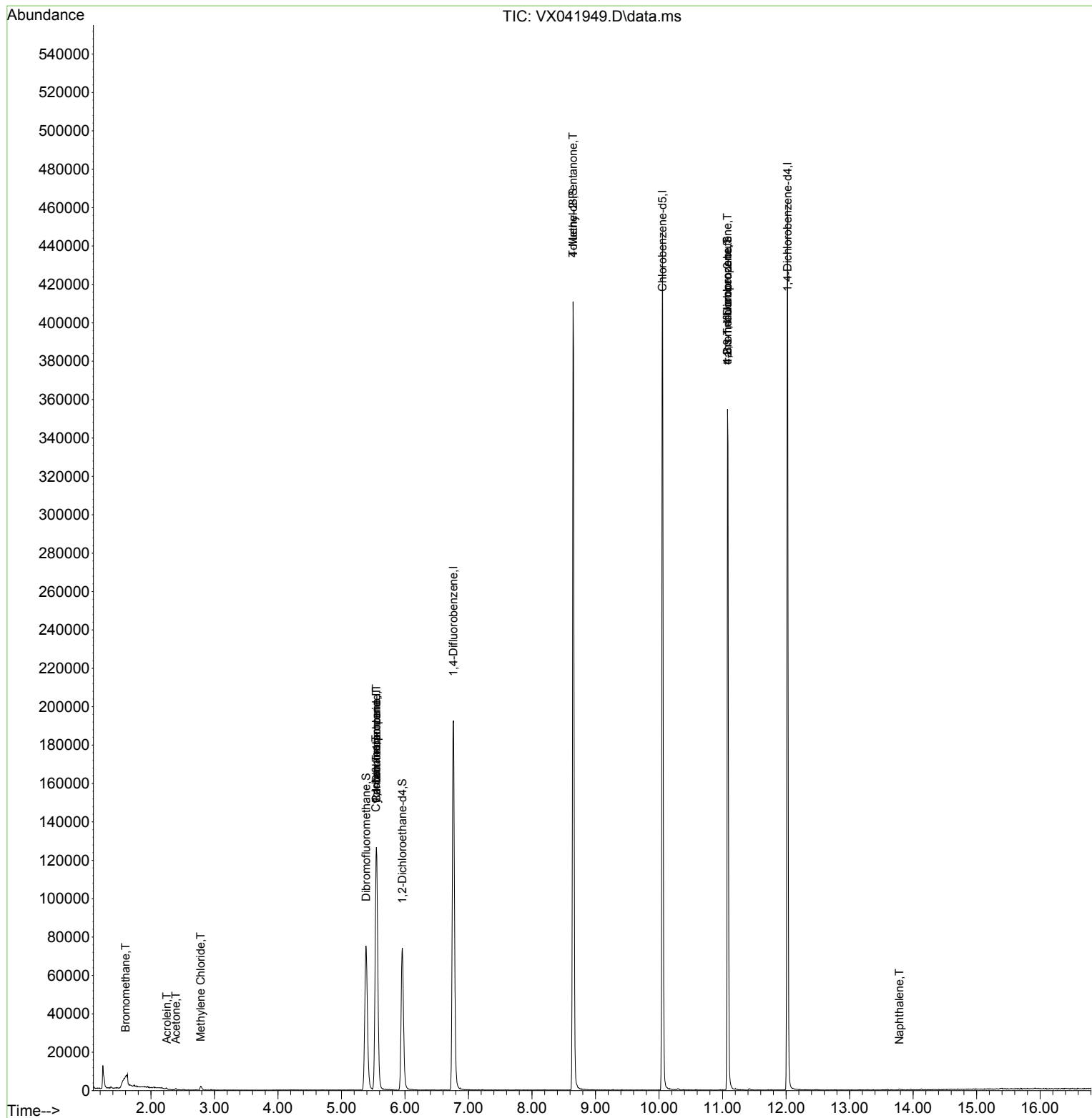
Internal Standards						
1) Pentafluorobenzene	5.549	168	143066	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	217991	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110826	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70981	43.026	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.060%
35) Dibromofluoromethane	5.385	113	66967	43.295	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.600%
50) Toluene-d8	8.646	98	256734	47.247	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.500%
62) 4-Bromofluorobenzene	11.079	95	96822	48.337	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.680%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	225	0.332	ug/l	# 58
6) Chloroethane	1.648	64	170	Below Cal		# 43
13) Acrolein	2.251	56	121	0.345	ug/l	92
16) Acetone	2.391	43	768	1.060	ug/l	99
20) Methylene Chloride	2.782	84	1239	0.781	ug/l	# 79
31) Cyclohexane	5.543	56	2106	1.092	ug/l	# 1
36) 1,1-Dichloropropene	5.549	75	8337	5.076	ug/l	# 51
38) Carbon Tetrachloride	5.549	117	11804	6.504	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.646	43	928	0.410	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	44289	22.013	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	44289	62.515	ug/l	# 5
95) Naphthalene	13.786	128	660	0.830	ug/l	# 85

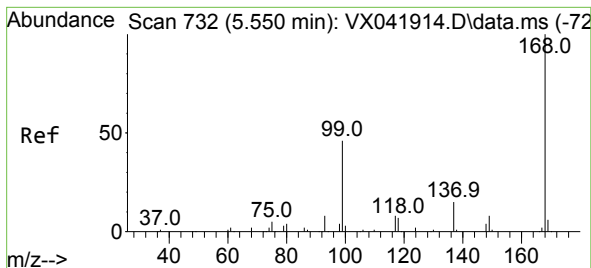
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.549 min Scan# 71

Delta R.T. -0.001 min

Lab File: VX041949.D

Acq: 19 Jun 2024 16:07

Instrument :

MSVOA_X

ClientSampleId :

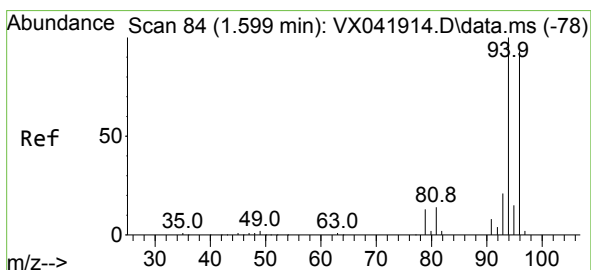
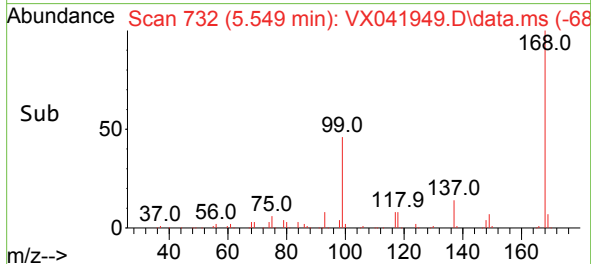
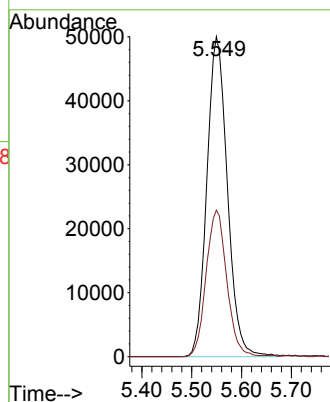
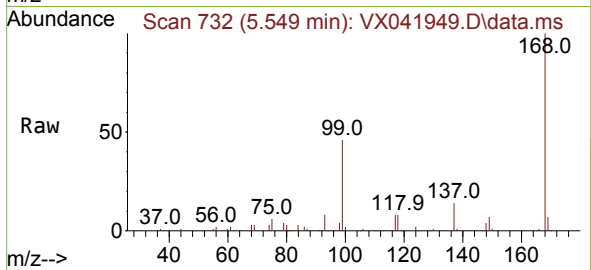
IBLK

Tgt Ion:168 Resp: 143066

Ion Ratio Lower Upper

168 100

99 45.8 56.6 85.0#



#5

Bromomethane

Concen: 0.332 ug/l

RT: 1.599 min Scan# 84

Delta R.T. -0.000 min

Lab File: VX041949.D

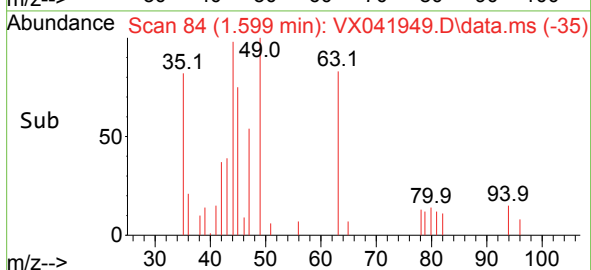
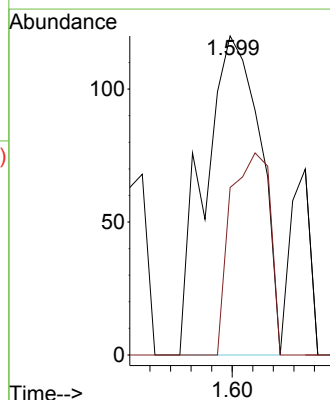
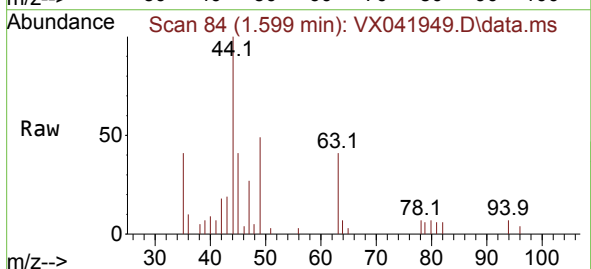
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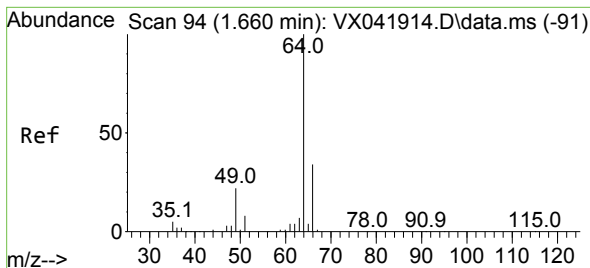
Tgt Ion: 94 Resp: 225

Ion Ratio Lower Upper

94 100

96 52.5 74.6 111.8#

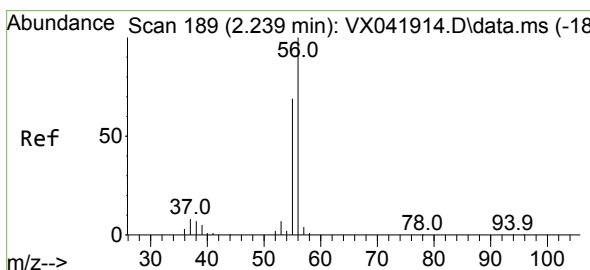
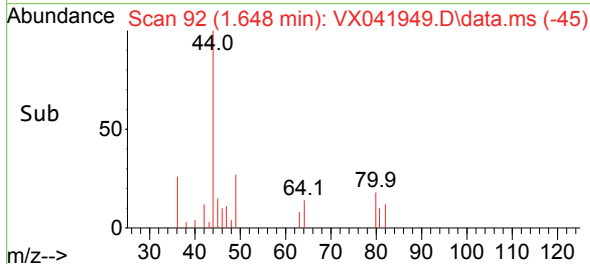
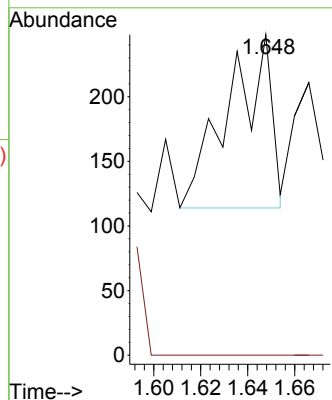
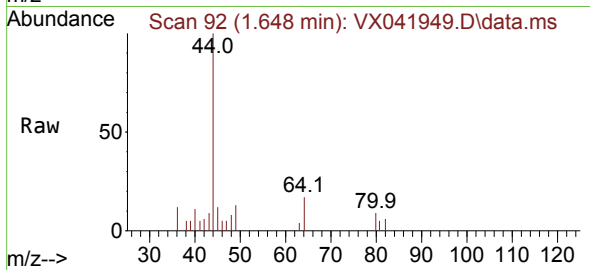




#6
Chloroethane
Concen: Below Cal
RT: 1.648 min Scan# 91
Delta R.T. -0.012 min
Lab File: VX041949.D
Acq: 19 Jun 2024 16:07

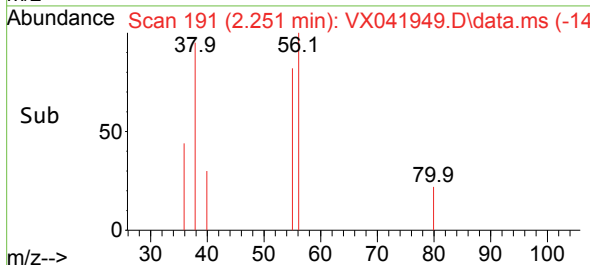
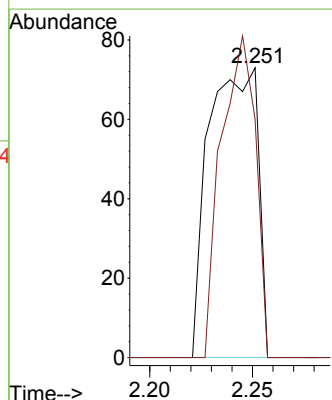
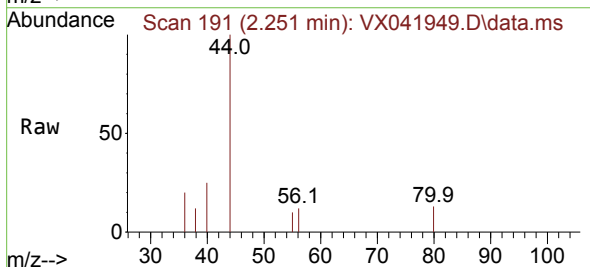
Instrument :
MSVOA_X
ClientSampleId :
IBLK

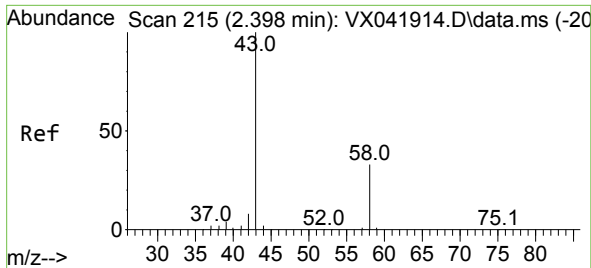
Tgt Ion: 64 Resp: 170
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#13
Acrolein
Concen: 0.345 ug/l
RT: 2.251 min Scan# 191
Delta R.T. 0.012 min
Lab File: VX041949.D
Acq: 19 Jun 2024 16:07

Tgt Ion: 56 Resp: 121
Ion Ratio Lower Upper
56 100
55 77.7 57.1 85.7





#16

Acetone

Concen: 1.060 ug/l

RT: 2.391 min Scan# 215

Delta R.T. -0.006 min

Lab File: VX041949.D

Acq: 19 Jun 2024 16:07

Instrument :

MSVOA_X

ClientSampleId :

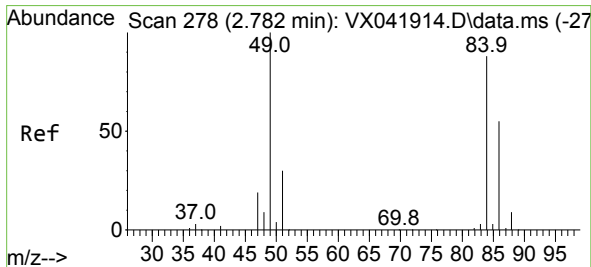
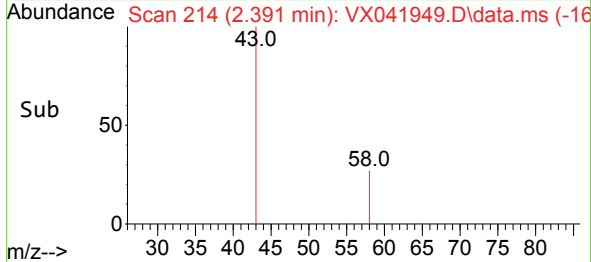
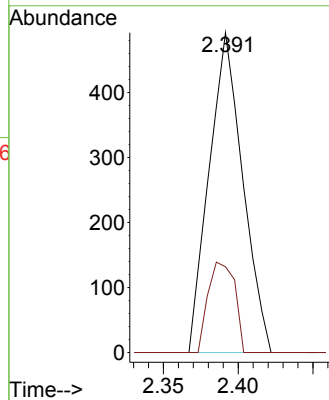
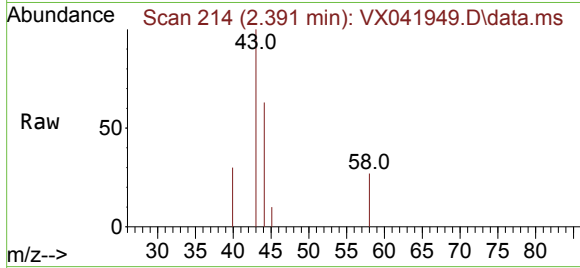
IBLK

Tgt Ion: 43 Resp: 768

Ion Ratio Lower Upper

43 100

58 26.8 21.9 32.9



#20

Methylene Chloride

Concen: 0.781 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX041949.D

Acq: 19 Jun 2024 16:07

Tgt Ion: 84 Resp: 1239

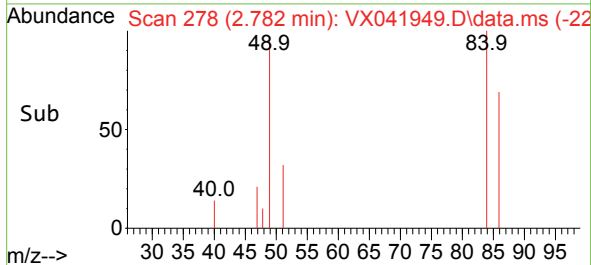
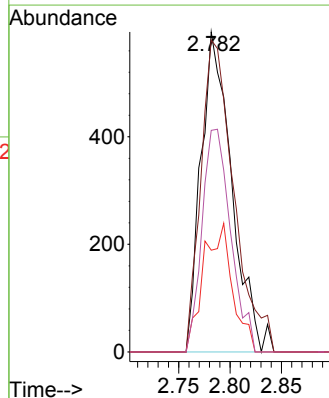
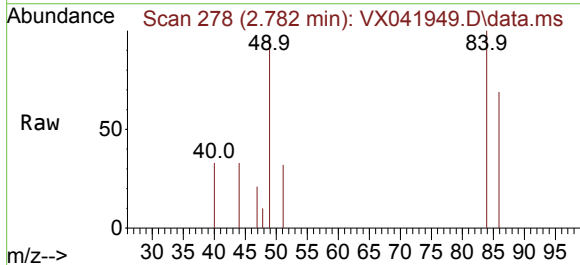
Ion Ratio Lower Upper

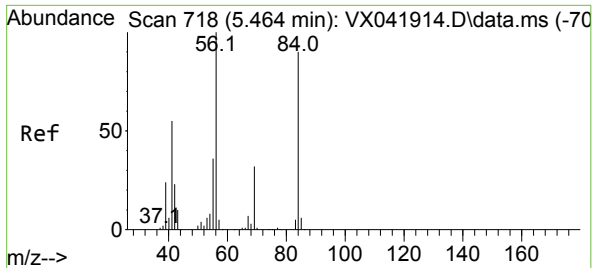
84 100

49 97.5 103.6 155.4#

51 31.8 33.8 50.6#

86 69.2 49.4 74.0

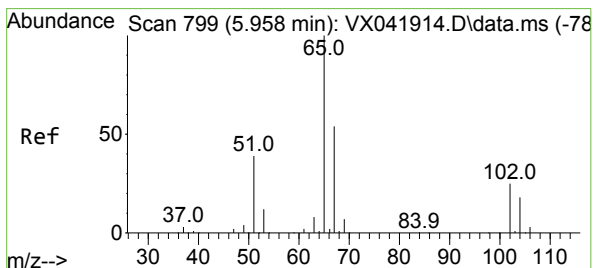
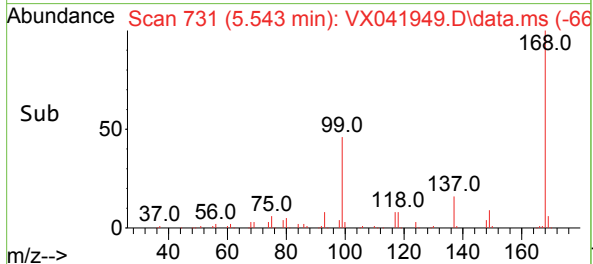
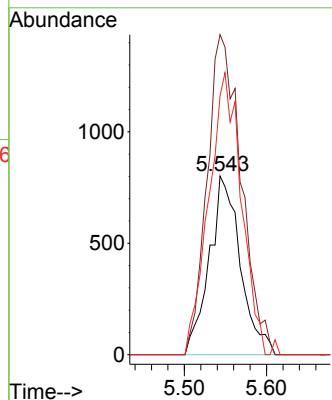
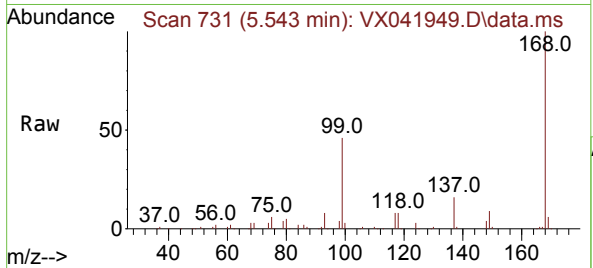




#31
Cyclohexane
Concen: 1.092 ug/l
RT: 5.543 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX041949.D
Acq: 19 Jun 2024 16:07

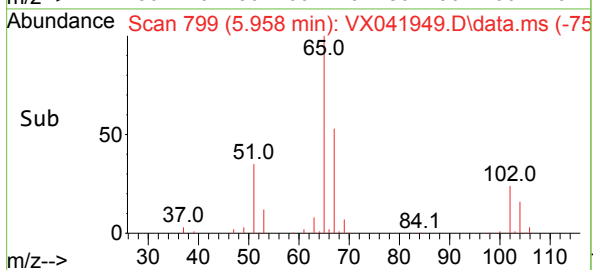
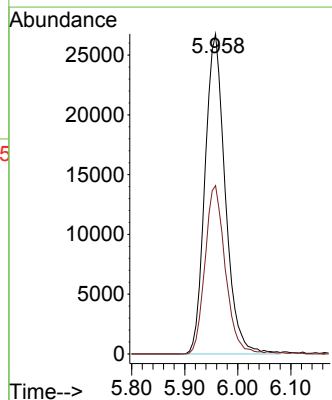
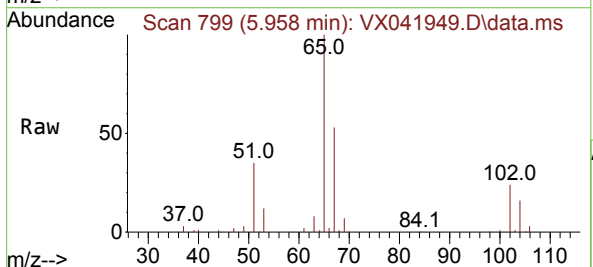
Instrument :
MSVOA_X
ClientSampleId :
IBLK

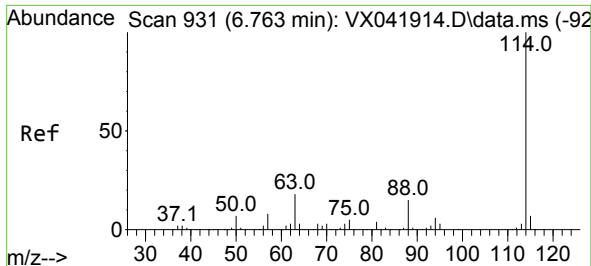
Tgt Ion: 56 Resp: 2106
Ion Ratio Lower Upper
56 100
69 179.1 23.4 35.2#
84 144.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 43.026 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX041949.D
Acq: 19 Jun 2024 16:07

Tgt Ion: 65 Resp: 70981
Ion Ratio Lower Upper
65 100
67 52.5 0.0 100.2

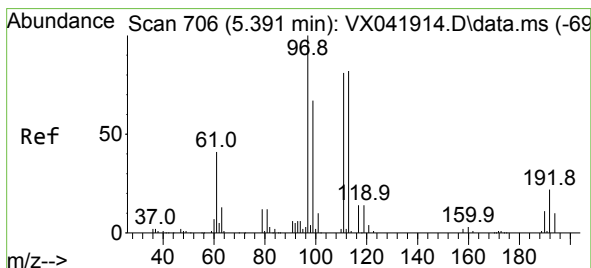
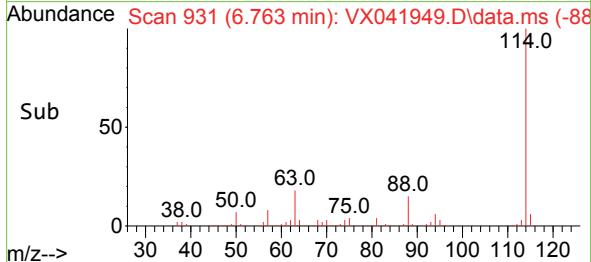
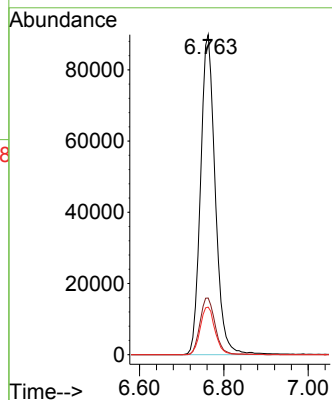
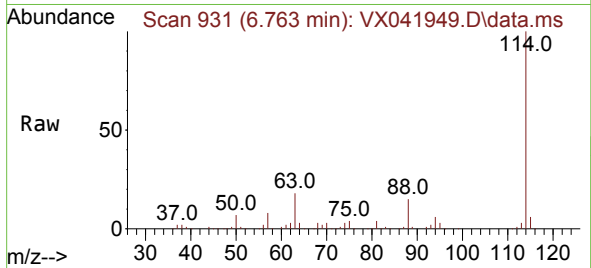




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX041949.D
Acq: 19 Jun 2024 16:07

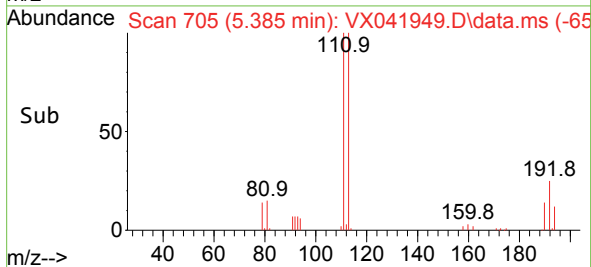
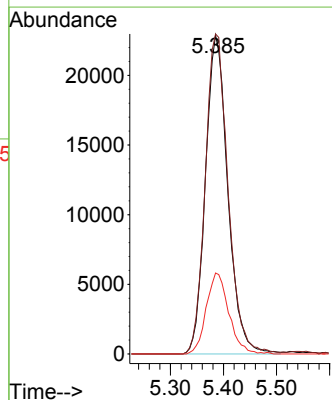
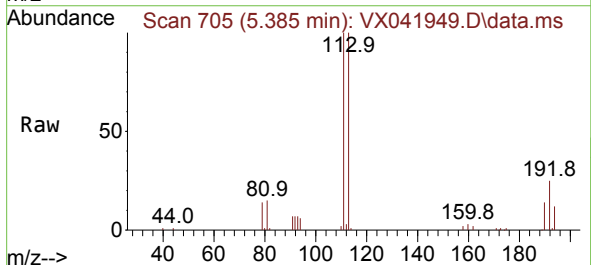
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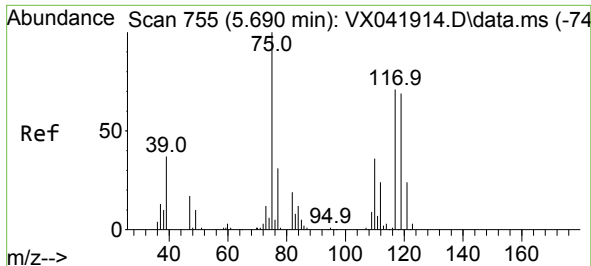
Tgt Ion:114 Resp: 217991
Ion Ratio Lower Upper
114 100
63 17.7 0.0 45.0
88 14.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.295 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX041949.D
Acq: 19 Jun 2024 16:07

Tgt Ion:113 Resp: 66967
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 25.7 13.3 19.9#

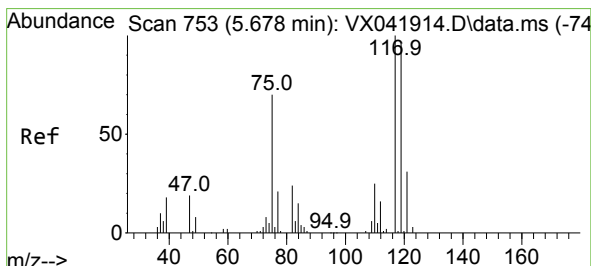
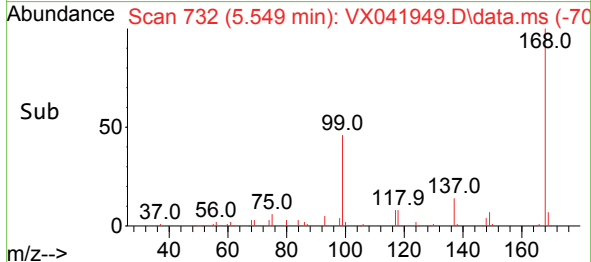
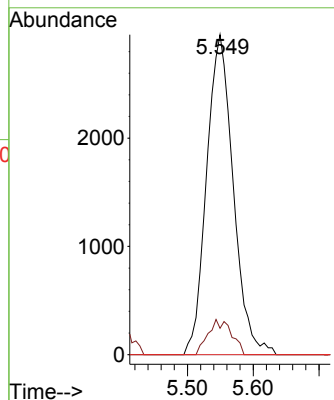
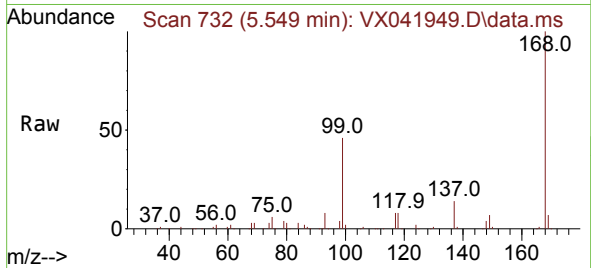




#36
1,1-Dichloropropene
Concen: 5.076 ug/l
RT: 5.549 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX041949.D
Acq: 19 Jun 2024 16:07

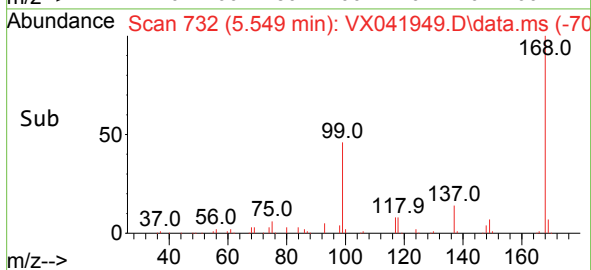
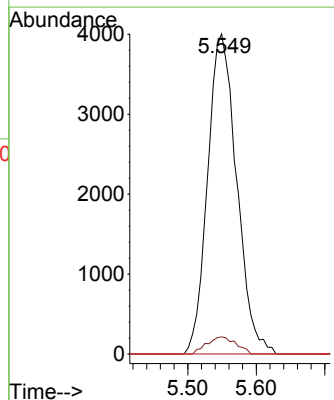
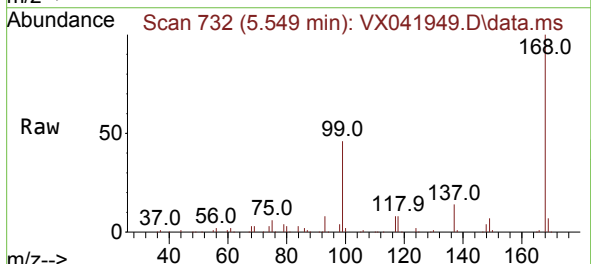
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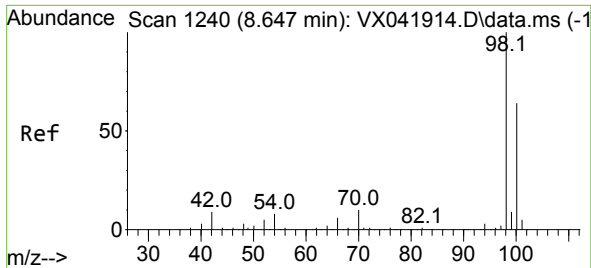
Tgt Ion: 75 Resp: 8337
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.504 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX041949.D
Acq: 19 Jun 2024 16:07

Tgt Ion: 117 Resp: 11804
Ion Ratio Lower Upper
117 100
119 5.3 78.2 117.2#
121 0.0 24.4 36.6#

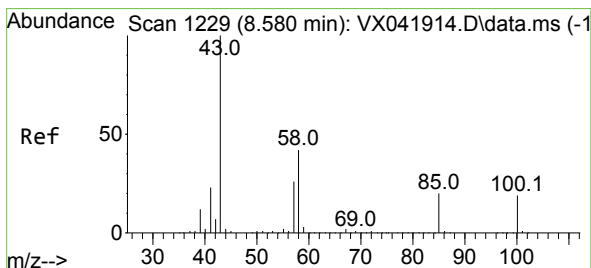
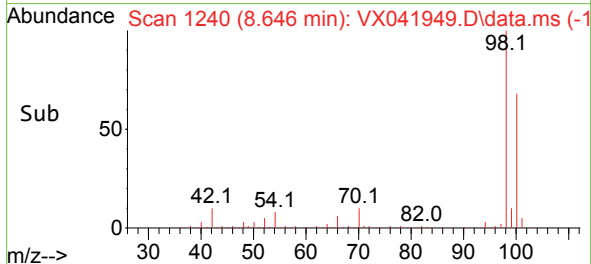
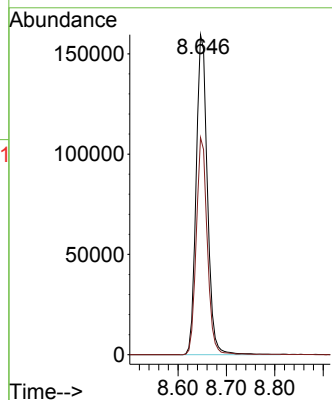
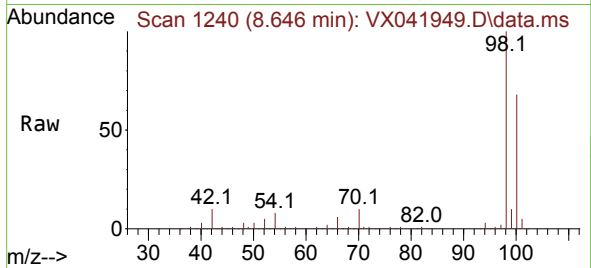




#50
Toluene-d8
Concen: 47.247 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041949.D
Acq: 19 Jun 2024 16:07

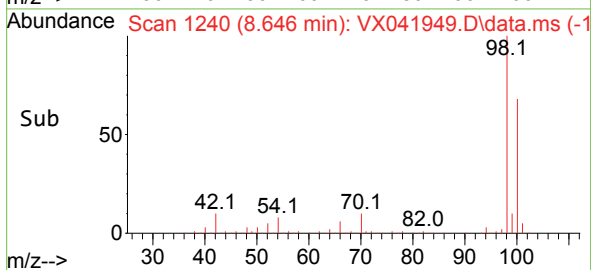
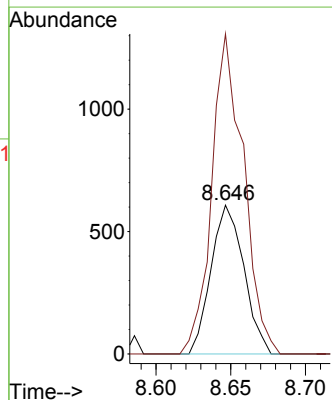
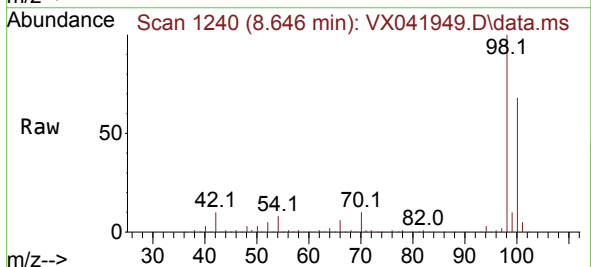
Instrument :
MSVOA_X
ClientSampleId :
IBLK

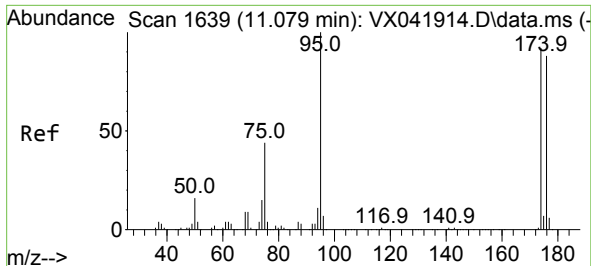
Tgt Ion: 98 Resp: 256734
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.410 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX041949.D
Acq: 19 Jun 2024 16:07

Tgt Ion: 43 Resp: 928
Ion Ratio Lower Upper
43 100
58 208.4 30.4 45.6#

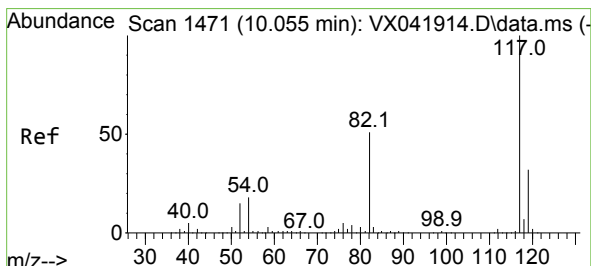
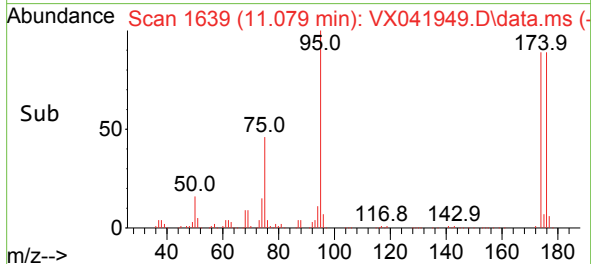
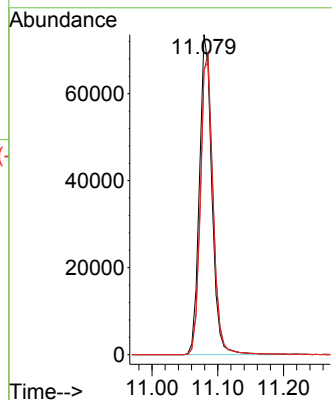
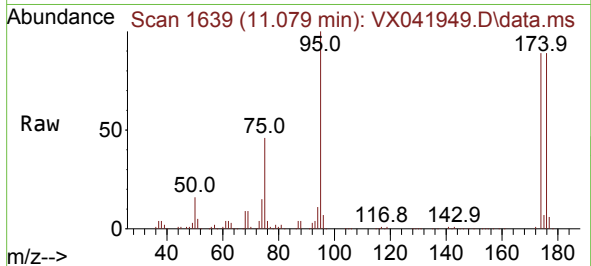




#62
4-Bromofluorobenzene
Concen: 48.337 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX041949.D
Acq: 19 Jun 2024 16:07

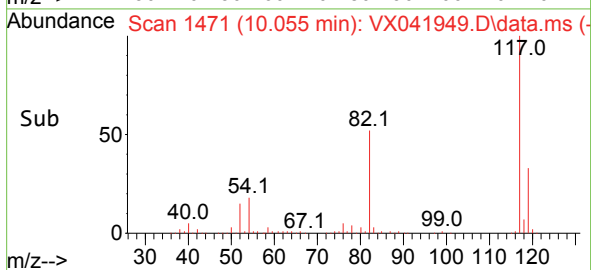
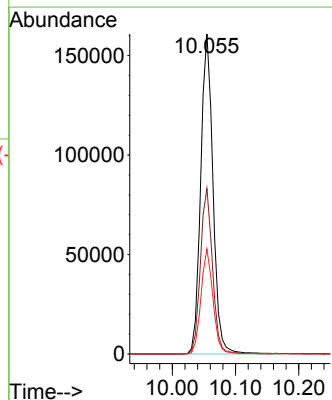
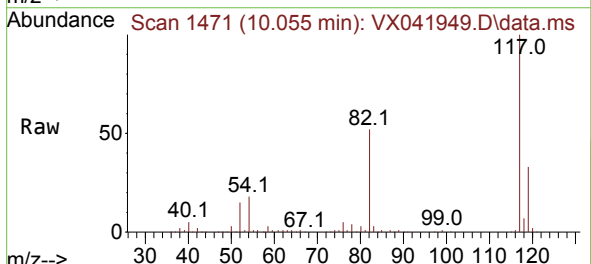
Instrument :
MSVOA_X
ClientSampleId :
IBLK

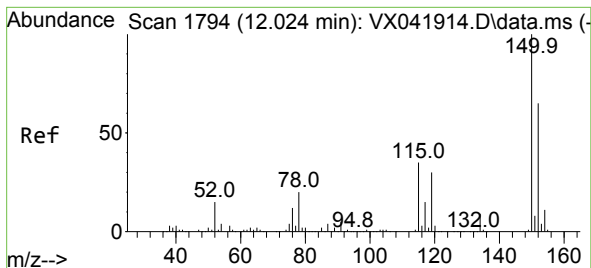
Tgt Ion: 95 Resp: 96822
Ion Ratio Lower Upper
95 100
174 96.6 0.0 135.6
176 93.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041949.D
Acq: 19 Jun 2024 16:07

Tgt Ion: 117 Resp: 217953
Ion Ratio Lower Upper
117 100
82 51.7 46.2 69.4
119 32.8 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX041949.D

Acq: 19 Jun 2024 16:07

Instrument :

MSVOA_X

ClientSampleId :

IBLK

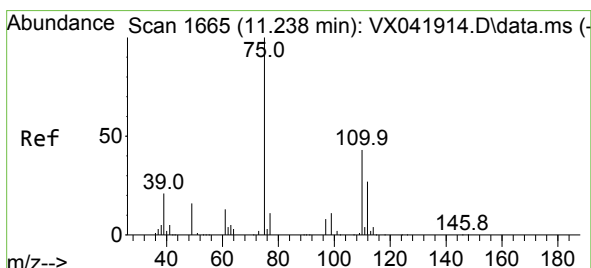
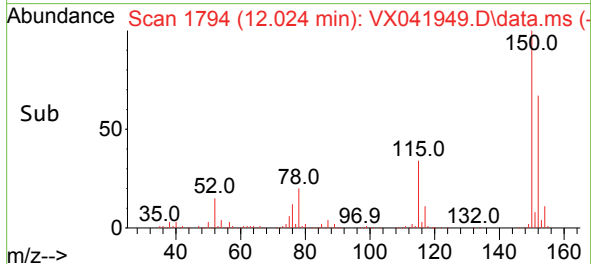
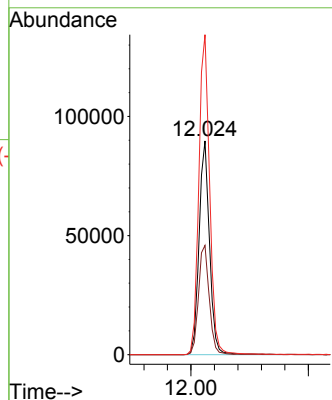
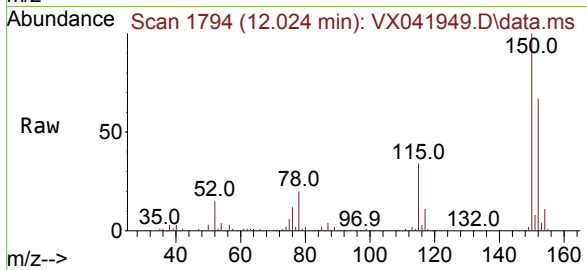
Tgt Ion:152 Resp: 110826

Ion Ratio Lower Upper

152 100

115 53.0 43.3 129.9

150 155.1 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.013 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX041949.D

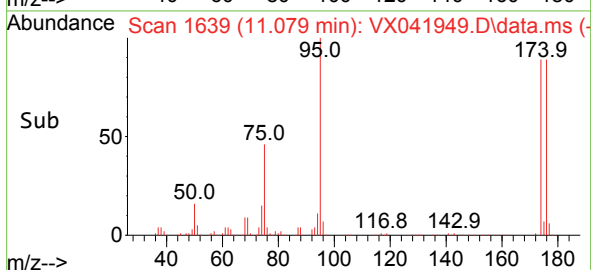
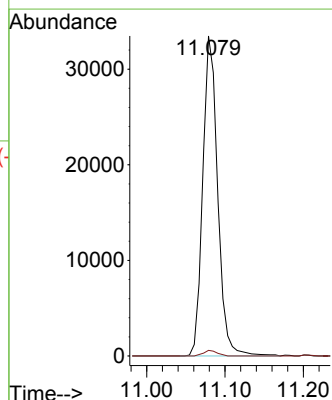
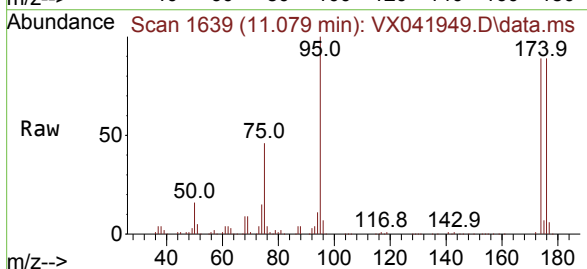
Acq: 19 Jun 2024 16:07

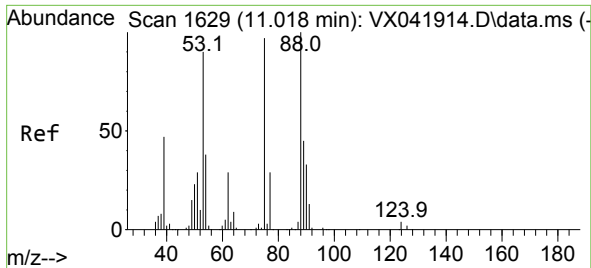
Tgt Ion: 75 Resp: 44289

Ion Ratio Lower Upper

75 100

77 1.6 19.1 57.5#

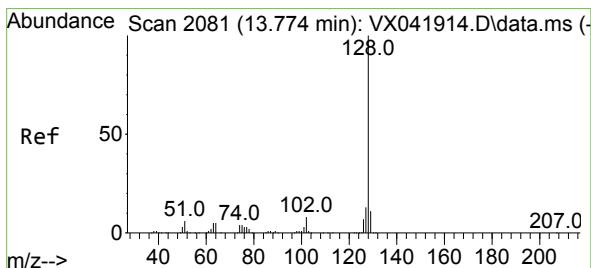
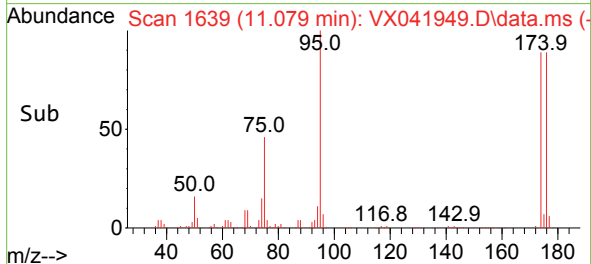
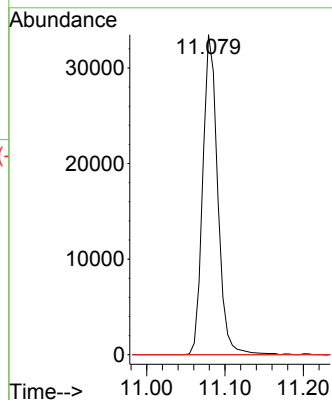
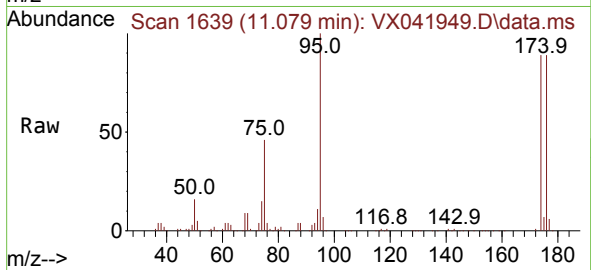




#81
trans-1,4-Dichloro-2-butene
Concen: 62.515 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX041949.D
Acq: 19 Jun 2024 16:07

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 44289
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 0.830 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX041949.D
Acq: 19 Jun 2024 16:07

Tgt Ion: 128 Resp: 660
Ion Ratio Lower Upper
128 100
127 11.4 10.3 15.5
129 0.0 8.8 13.2#

