

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051424\
 Data File : VX041512.D
 Acq On : 14 May 2024 12:07
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: May 15 00:57:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 06:03:16 2024
 Response via : Initial Calibration

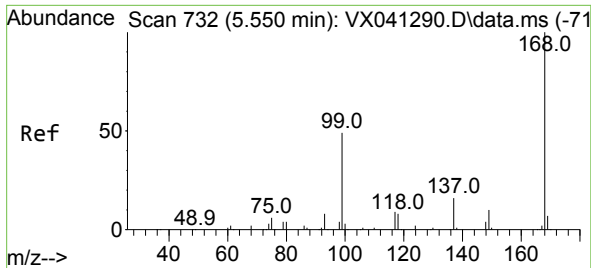
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	187913	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	276186	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	262890	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135324	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	105472	51.558	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 103.120%		
35) Dibromofluoromethane	5.385	113	86787	46.370	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 92.740%		
50) Toluene-d8	8.647	98	318345	53.739	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 107.480%		
62) 4-Bromofluorobenzene	11.079	95	120764	52.662	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 105.320%		
Target Compounds						
						Qvalue
5) Bromomethane	1.599	94	576	0.603	ug/l	# 79
11) Tert butyl alcohol	2.947	59	2063	5.038	ug/l	# 78
16) Acetone	2.386	43	1091	Below Cal		90
20) Methylene Chloride	2.788	84	918	0.517	ug/l	# 69
31) Cyclohexane	5.550	56	3207	1.299	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	12442	5.559	ug/l	# 51
38) Carbon Tetrachloride	5.544	117	16409	6.400	ug/l	# 14
51) 4-Methyl-2-Pentanone	8.647	43	1459	0.579	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	61982	28.105	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	61982	76.555	ug/l	# 5

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

Quant Time: May 15 00:57:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 08 06:03:16 2024
Response via : Initial Calibration

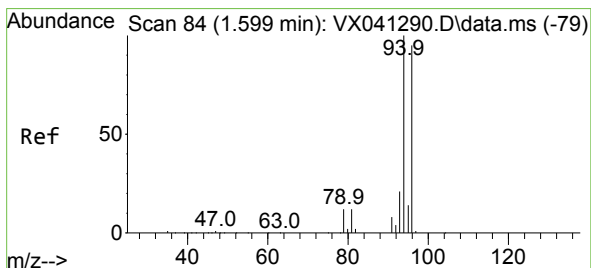
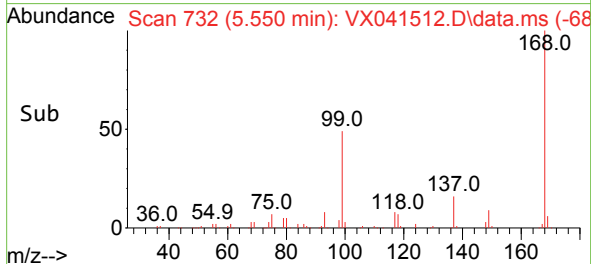
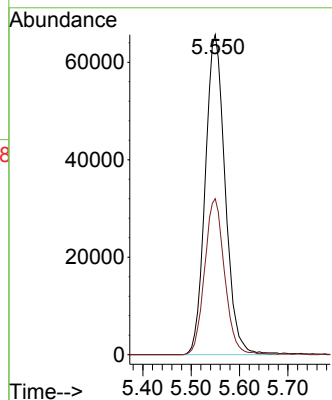
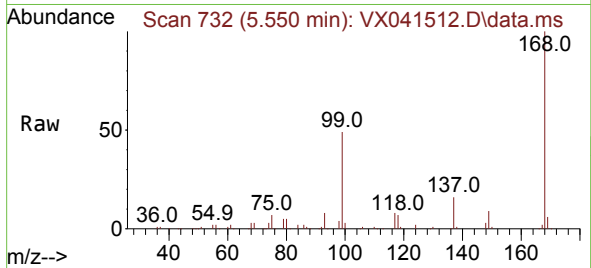




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041512.D
Acq: 14 May 2024 12:07

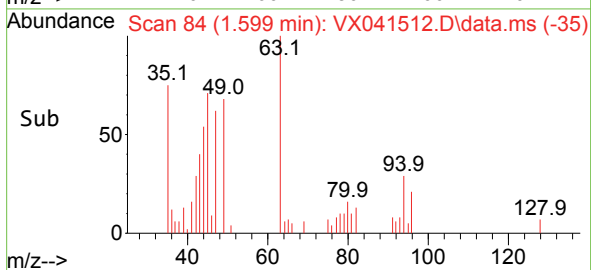
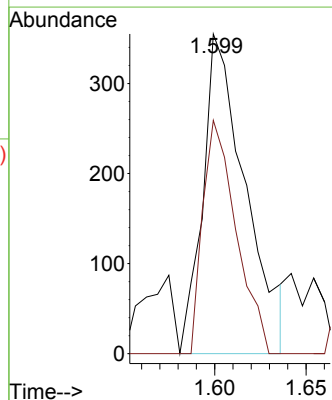
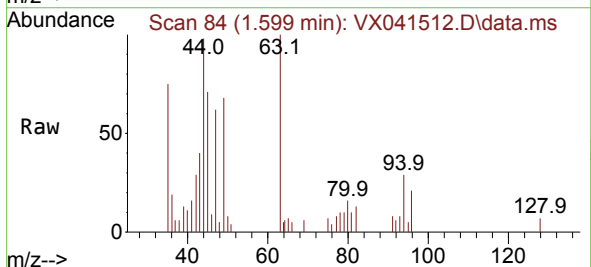
Instrument :
MSVOA_X
ClientSampleId :
IBLK

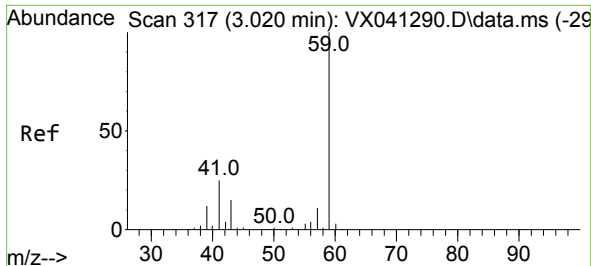
Tgt Ion:168 Resp: 187913
Ion Ratio Lower Upper
168 100
99 48.7 56.6 85.0#



#5
Bromomethane
Concen: 0.603 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041512.D
Acq: 14 May 2024 12:07

Tgt Ion: 94 Resp: 576
Ion Ratio Lower Upper
94 100
96 73.0 74.6 111.8#





#11

Tert butyl alcohol

Concen: 5.038 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.073 min

Lab File: VX041512.D

Acq: 14 May 2024 12:07

Instrument :

MSVOA_X

ClientSampleId :

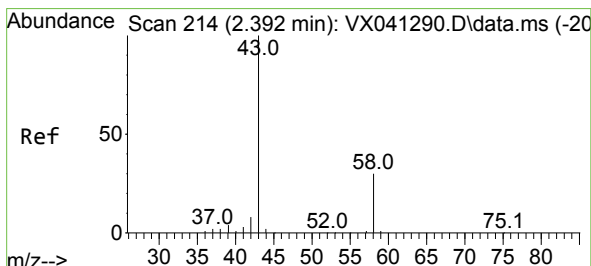
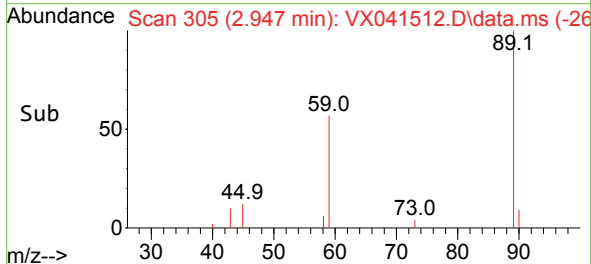
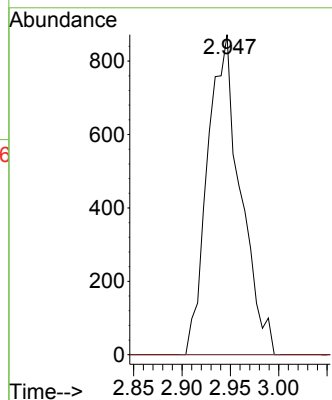
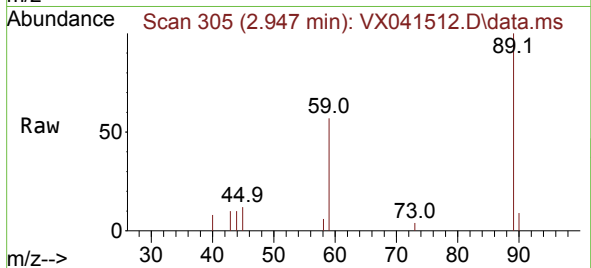
IBLK

Tgt Ion: 59 Resp: 2063

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: Below Cal

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX041512.D

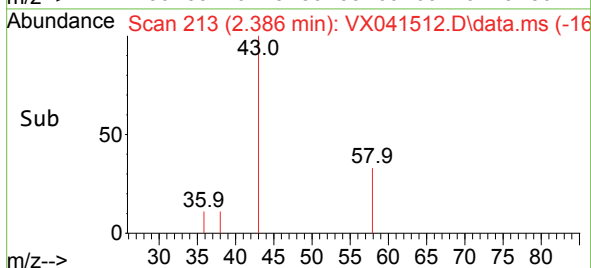
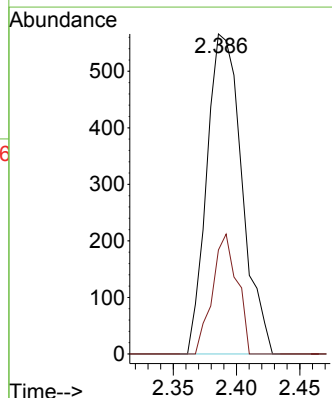
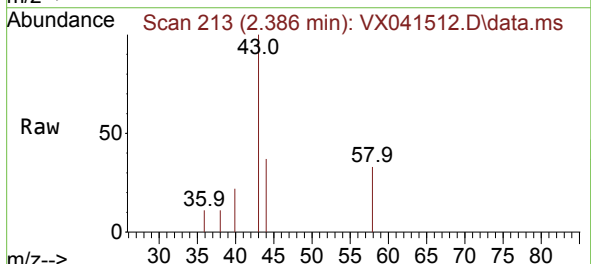
Acq: 14 May 2024 12:07

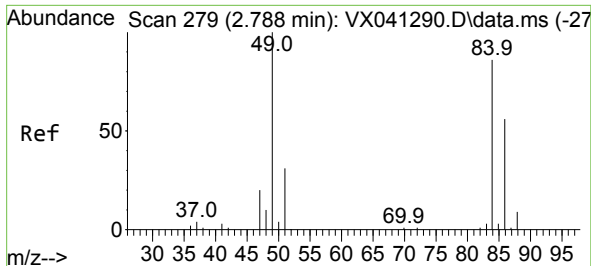
Tgt Ion: 43 Resp: 1091

Ion Ratio Lower Upper

43 100

58 32.5 21.9 32.9

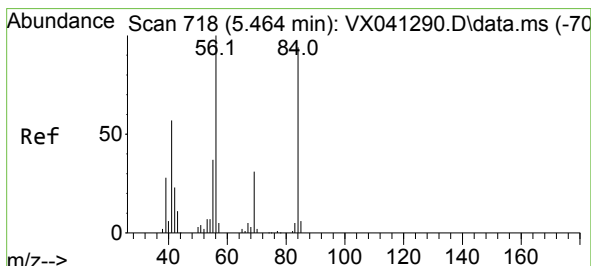
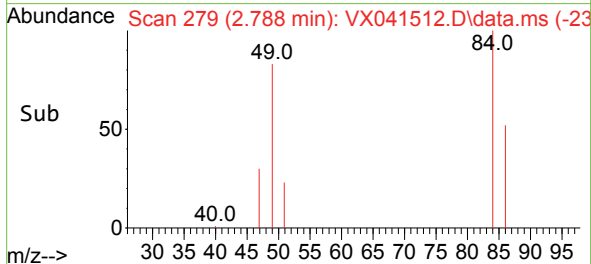
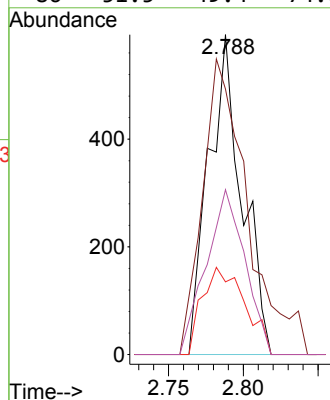
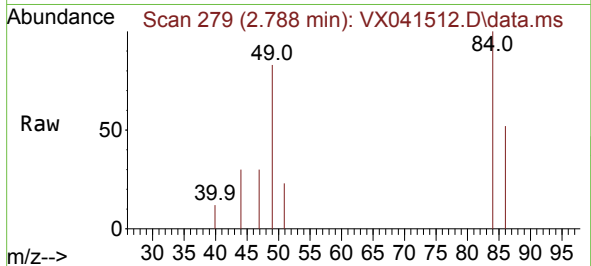




#20
Methylene Chloride
Concen: 0.517 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX041512.D
Acq: 14 May 2024 12:07

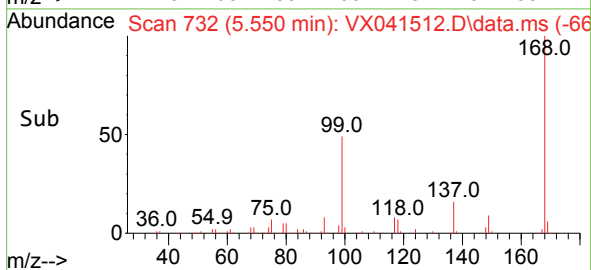
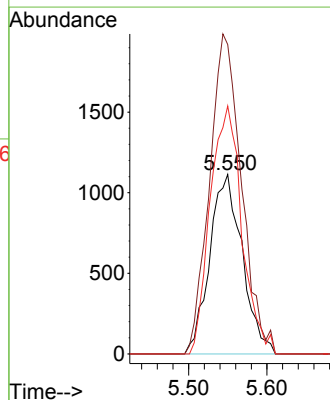
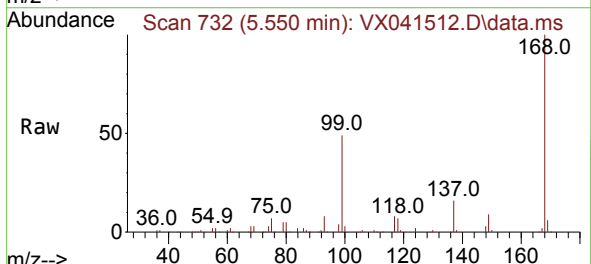
Instrument :
MSVOA_X
ClientSampleId :
IBLK

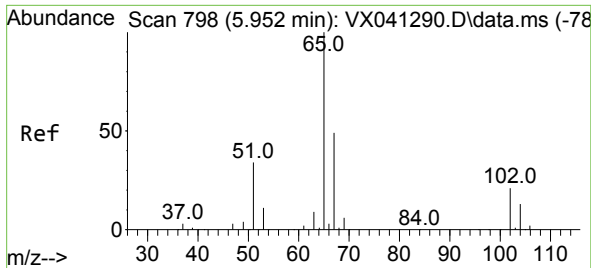
Tgt Ion:	84	Resp:	918
Ion	Ratio	Lower	Upper
84	100		
49	83.0	103.6	155.4#
51	22.7	33.8	50.6#
86	51.5	49.4	74.0



#31
Cyclohexane
Concen: 1.299 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX041512.D
Acq: 14 May 2024 12:07

Tgt Ion:	56	Resp:	3207
Ion	Ratio	Lower	Upper
56	100		
69	172.5	23.4	35.2#
84	138.2	65.9	98.9#

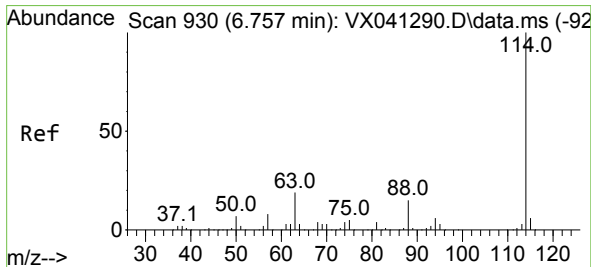
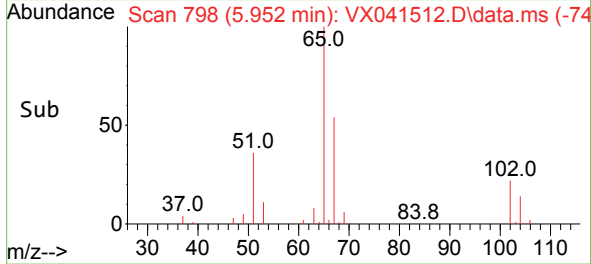
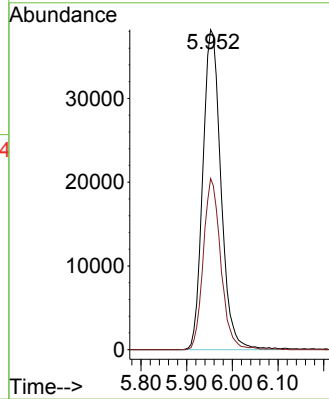
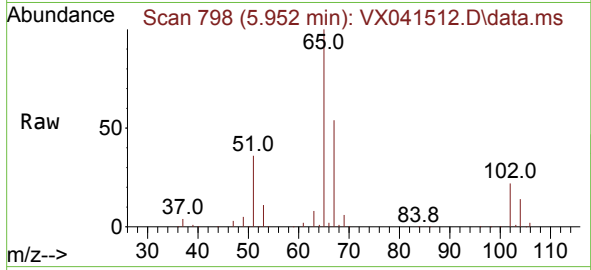




#33
 1,2-Dichloroethane-d4
 Concen: 51.558 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX041512.D
 Acq: 14 May 2024 12:07

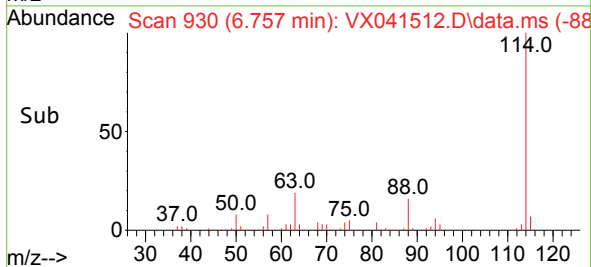
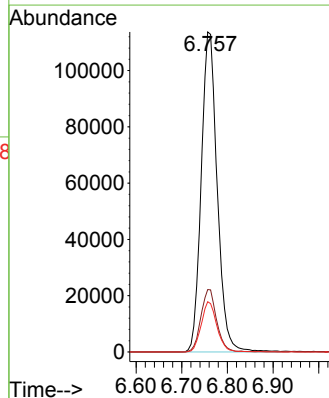
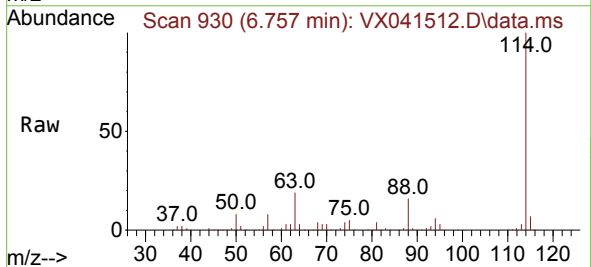
Instrument :
 MSVOA_X
 ClientSampleId :
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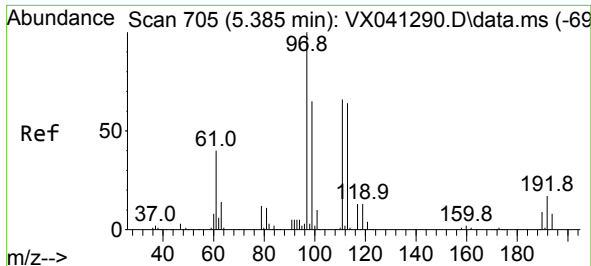
Tgt Ion: 65 Resp: 105472
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX041512.D
 Acq: 14 May 2024 12:07

Tgt Ion: 114 Resp: 276186
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 45.0
 88 15.7 0.0 36.6

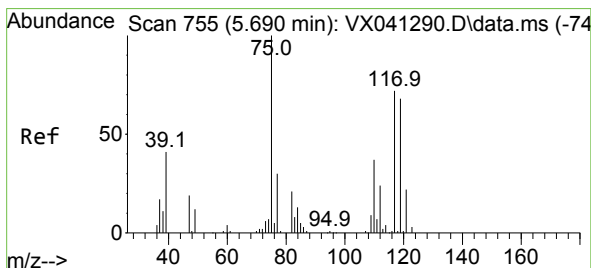
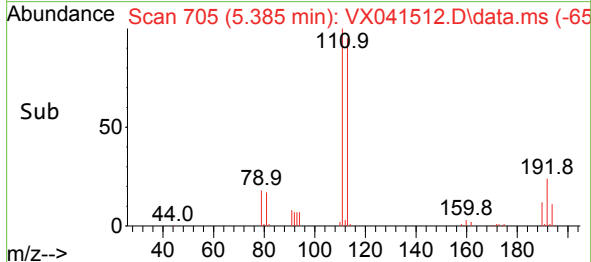
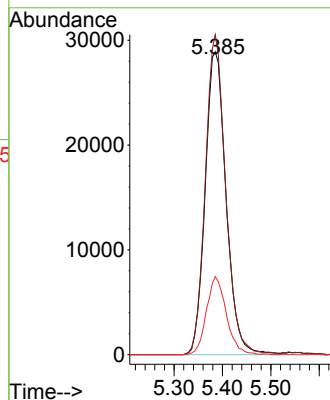
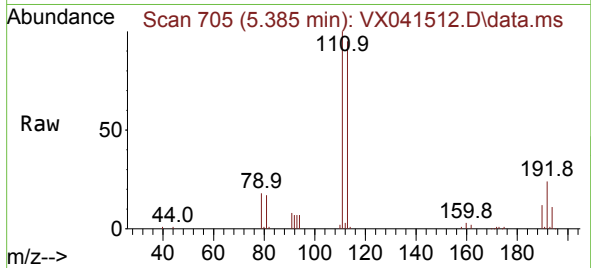




#35
Dibromofluoromethane
Concen: 46.370 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041512.D
Acq: 14 May 2024 12:07

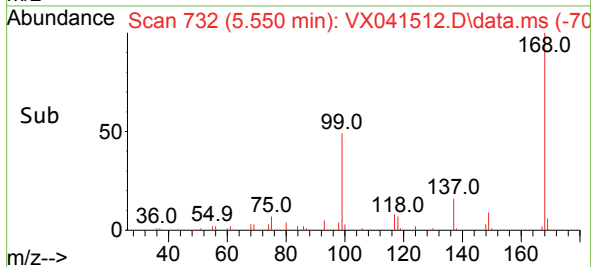
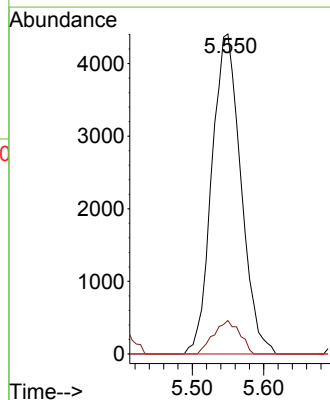
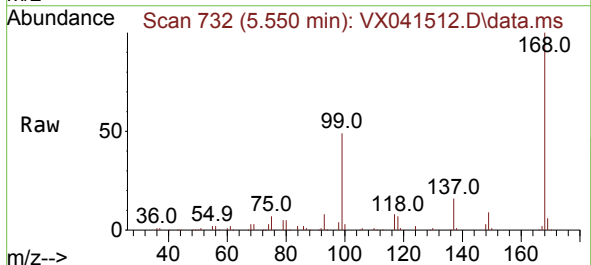
Instrument :
MSVOA_X
ClientSampleId :
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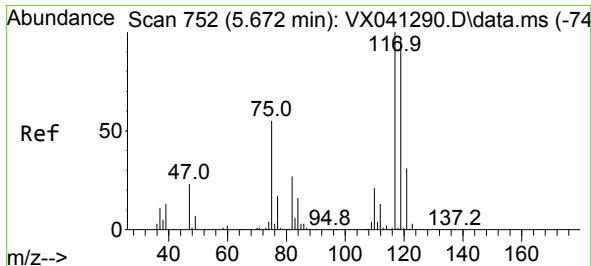
Tgt Ion:113 Resp: 86787
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 24.5 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 5.559 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX041512.D
Acq: 14 May 2024 12:07

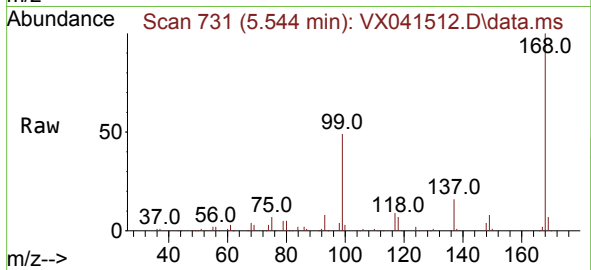
Tgt Ion: 75 Resp: 12442
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#



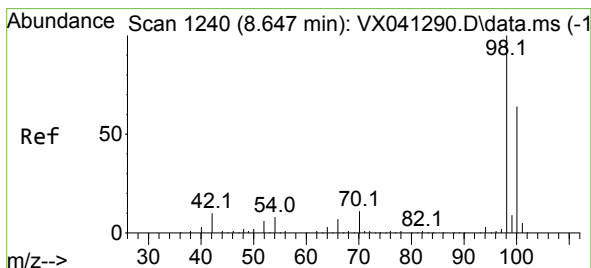
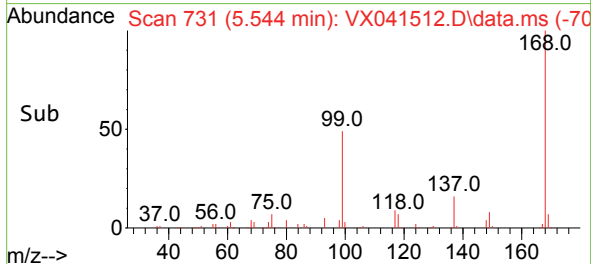
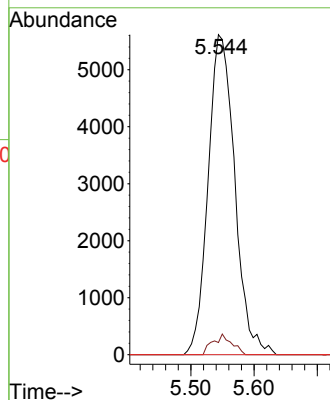


#38
Carbon Tetrachloride
Concen: 6.400 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX041512.D
Acq: 14 May 2024 12:07

Instrument :
MSVOA_X
ClientSampleId :
IBLK

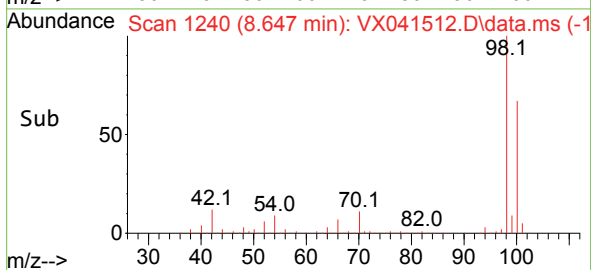
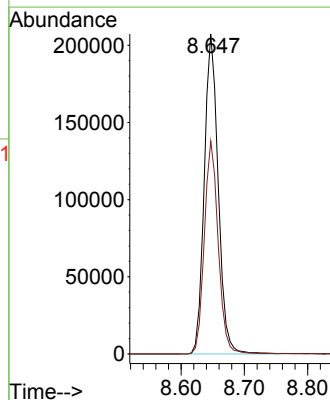
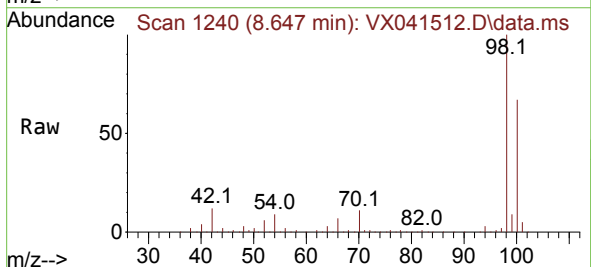


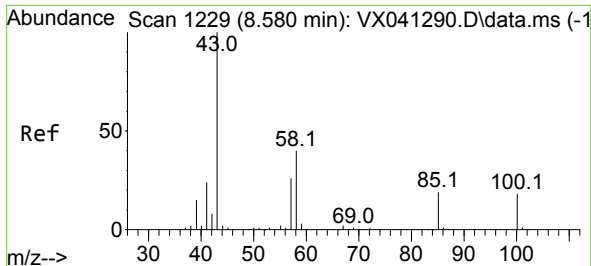
Tgt Ion:117 Resp: 16409
Ion Ratio Lower Upper
117 100
119 3.8 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 53.739 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041512.D
Acq: 14 May 2024 12:07

Tgt Ion: 98 Resp: 318345
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7

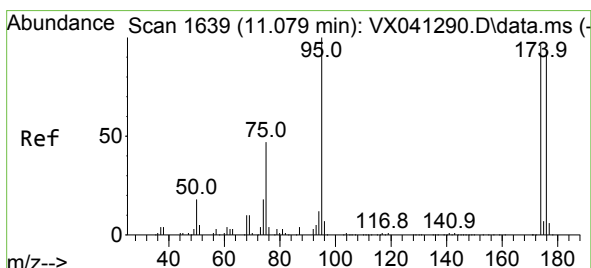
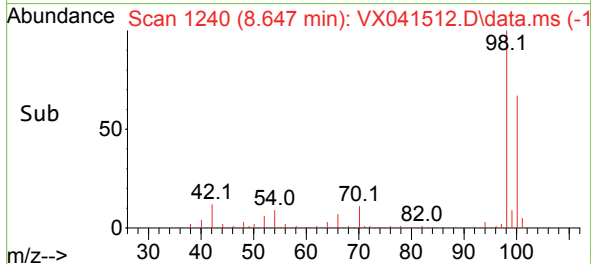
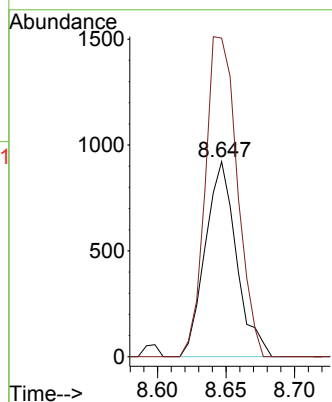
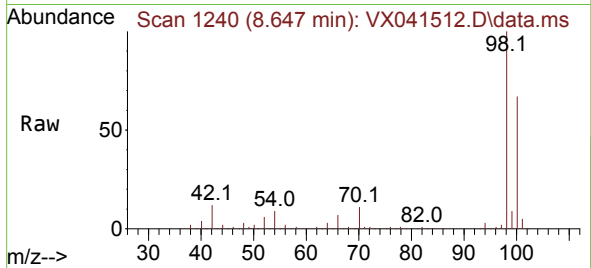




#51
4-Methyl-2-Pentanone
Concen: 0.579 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX041512.D
Acq: 14 May 2024 12:07

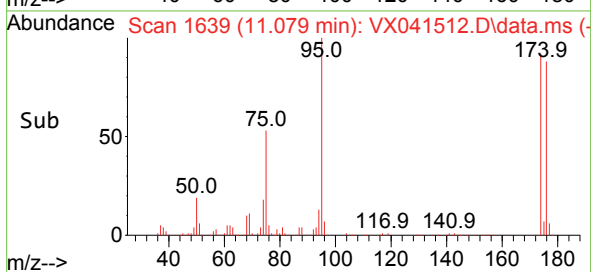
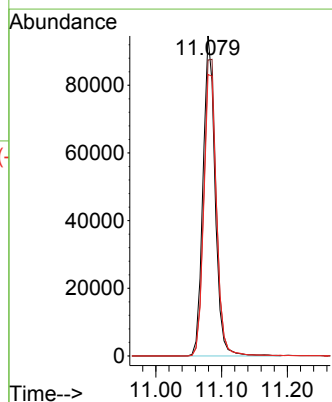
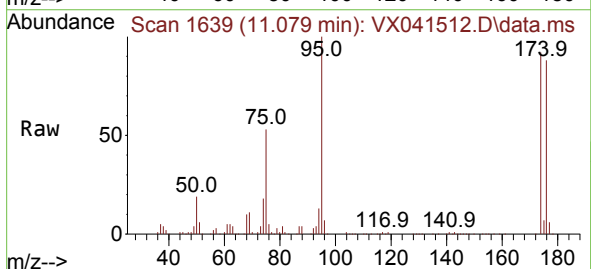
Instrument :
MSVOA_X
ClientSampleId :
IBLK

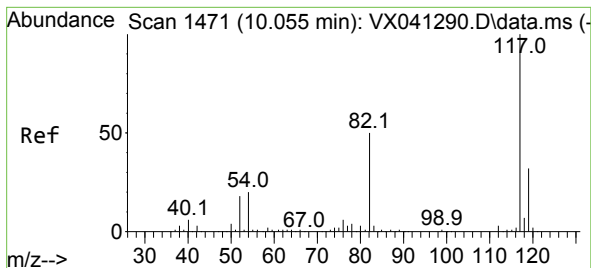
Tgt Ion: 43 Resp: 1459
Ion Ratio Lower Upper
43 100
58 168.5 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 52.662 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041512.D
Acq: 14 May 2024 12:07

Tgt Ion: 95 Resp: 120764
Ion Ratio Lower Upper
95 100
174 97.4 0.0 135.6
176 93.4 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: VX041512.D

Acq: 14 May 2024 12:07

Instrument :

MSVOA_X

ClientSampleId :

IBLK

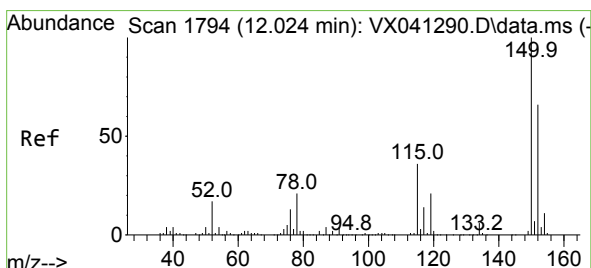
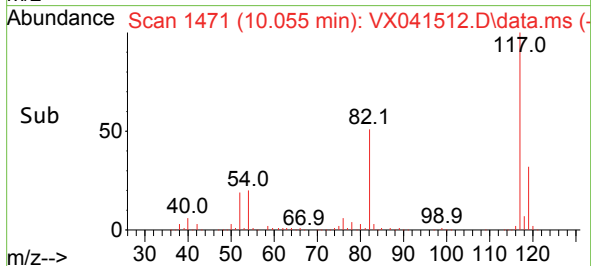
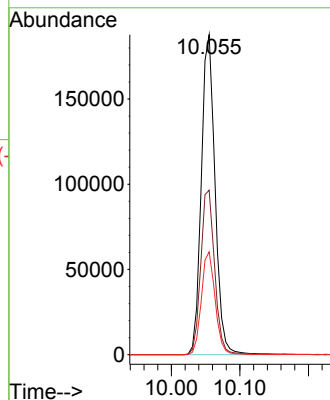
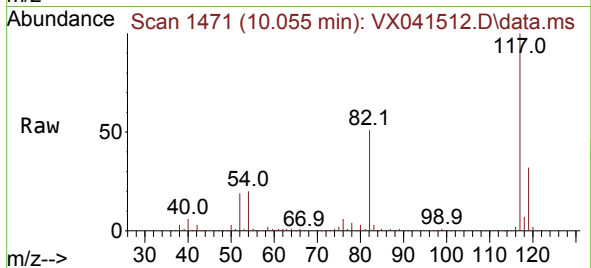
Tgt Ion:117 Resp: 262890

Ion Ratio Lower Upper

117 100

82 51.4 46.2 69.4

119 32.1 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: VX041512.D

Acq: 14 May 2024 12:07

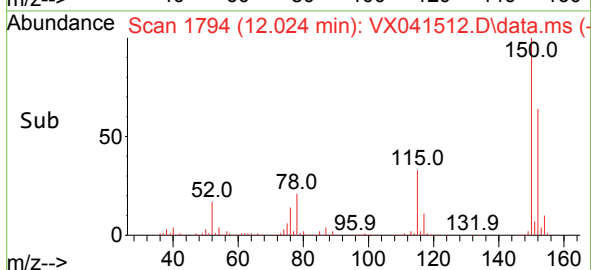
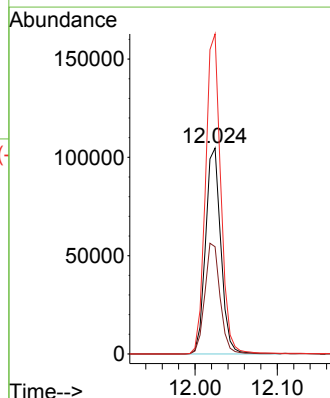
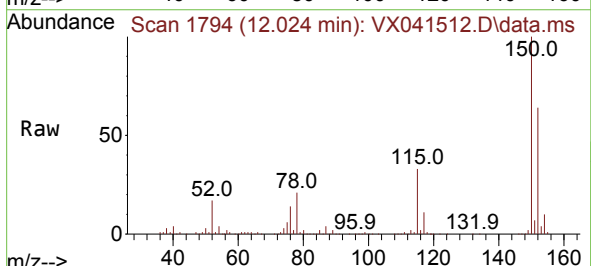
Tgt Ion:152 Resp: 135324

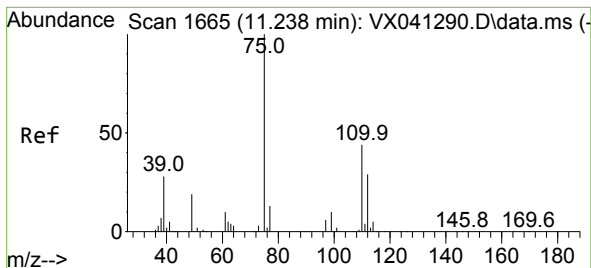
Ion Ratio Lower Upper

152 100

115 53.8 43.3 129.9

150 155.6 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 28.105 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041512.D

Acq: 14 May 2024 12:07

Instrument :

MSVOA_X

ClientSampleId :

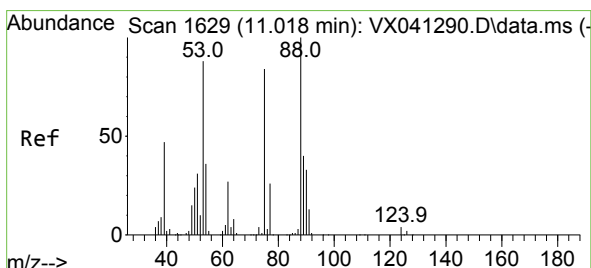
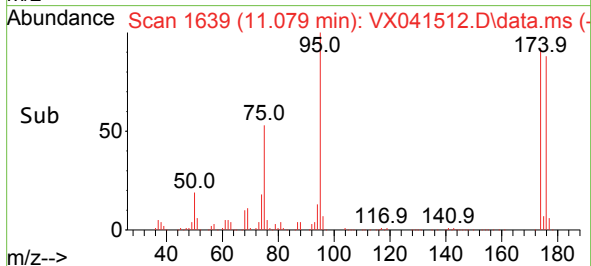
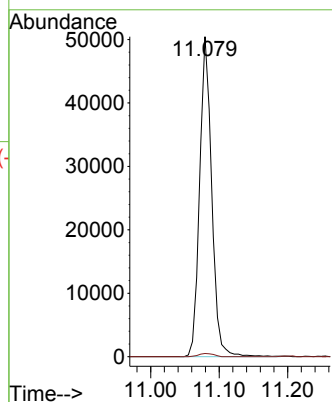
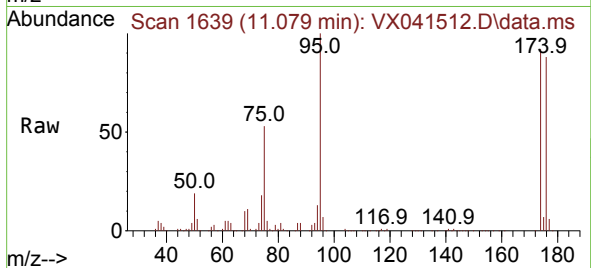
IBLK

Tgt Ion: 75 Resp: 61982

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 76.555 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041512.D

Acq: 14 May 2024 12:07

Tgt Ion: 75 Resp: 61982

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

