

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060524\
 Data File : VX041746.D
 Acq On : 05 Jun 2024 13:42
 Operator : JC/MD
 Sample : P2598-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 06 02:14:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

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

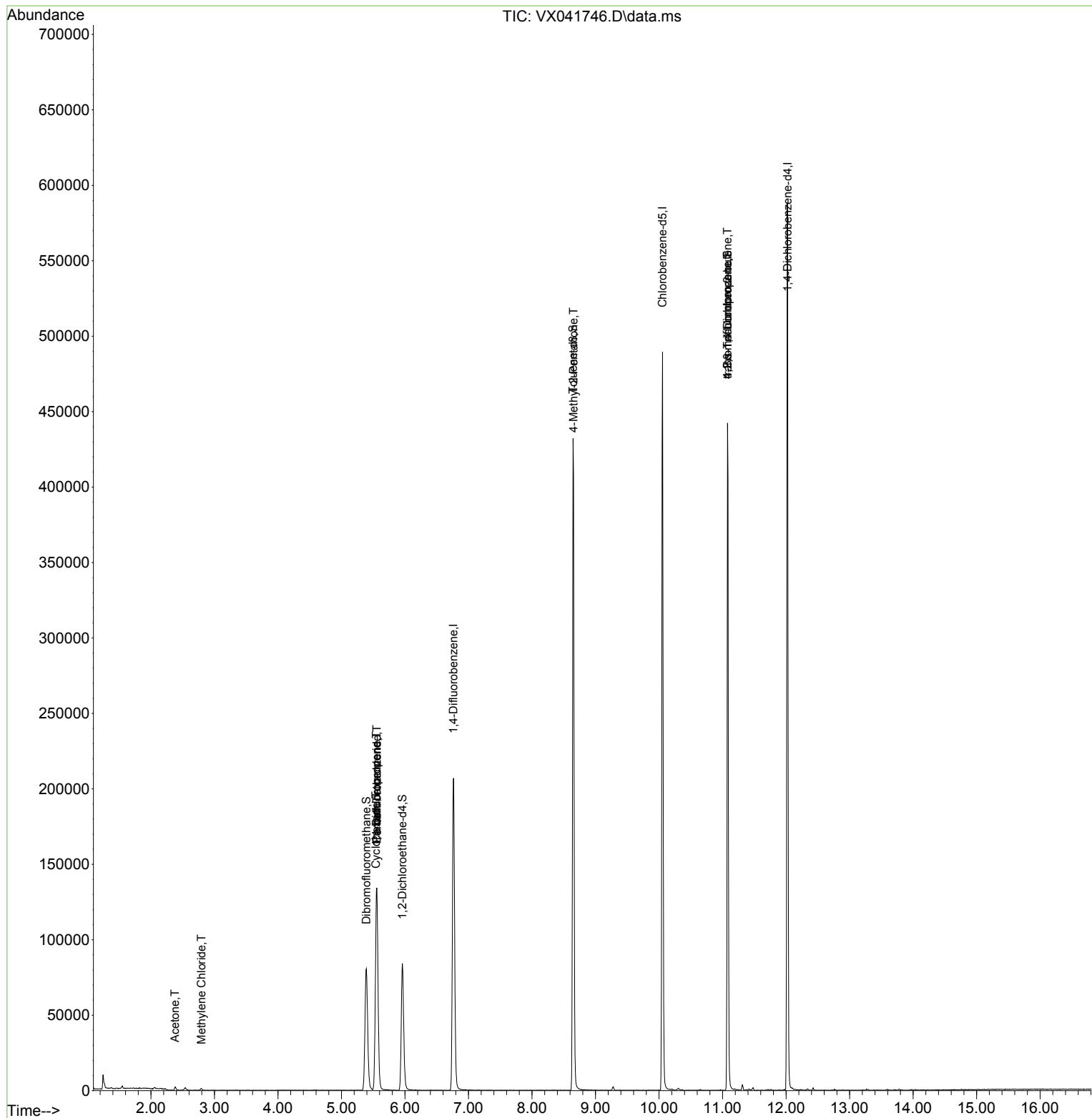
Internal Standards						
1) Pentafluorobenzene	5.556	168	141184	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	220774	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	228042	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135167	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83414	48.172	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.340%
35) Dibromofluoromethane	5.391	113	70129	45.944	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.880%
50) Toluene-d8	8.647	98	262397	49.198	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.400%
62) 4-Bromofluorobenzene	11.079	95	110309	56.037	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.080%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	2423	0.499	ug/l	91
20) Methylene Chloride	2.794	84	510	0.329	ug/l	93
31) Cyclohexane	5.544	56	2596	1.270	ug/l	# 9
36) 1,1-Dichloropropene	5.550	75	9448	5.112	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	12317	5.866	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.653	43	1260	0.552	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	55987	23.740	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	55987	64.702	ug/l	# 5

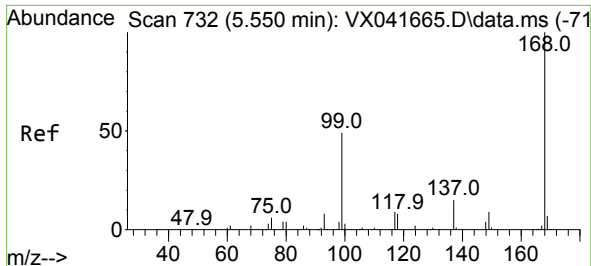
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 30 07:36:24 2024
Response via : Initial Calibration

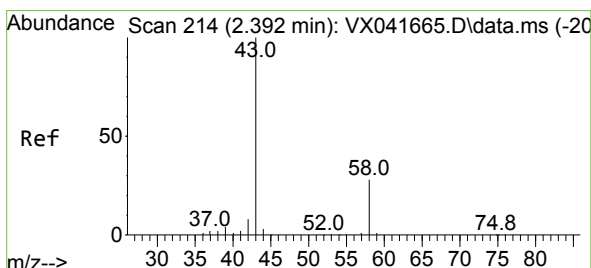
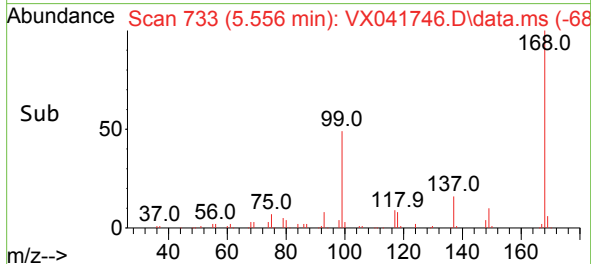
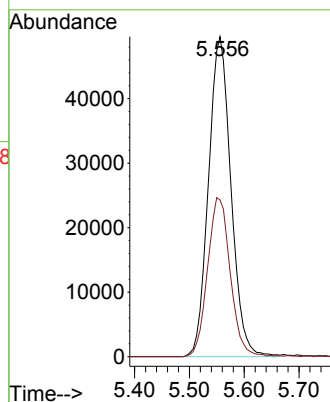
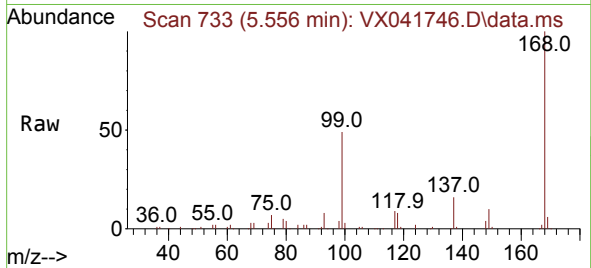




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX041746.D
Acq: 05 Jun 2024 13:42

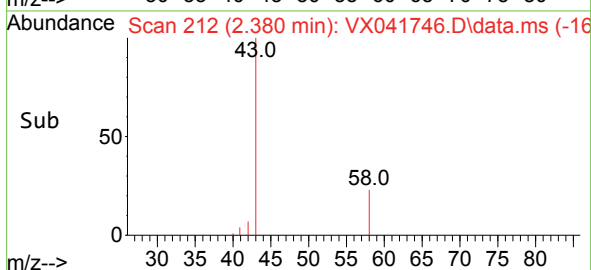
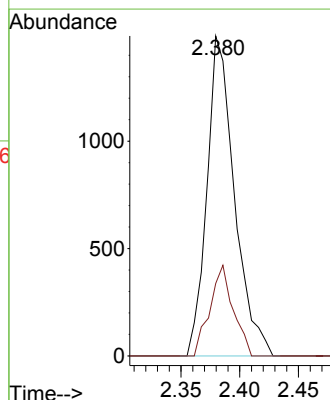
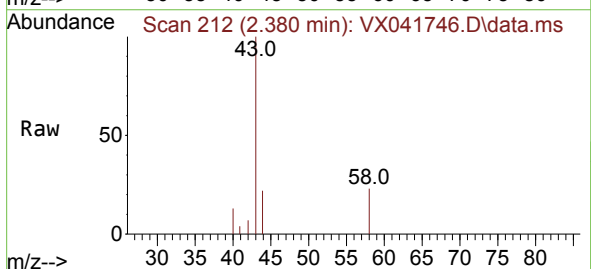
Instrument :
MSVOA_X
ClientSampleId :

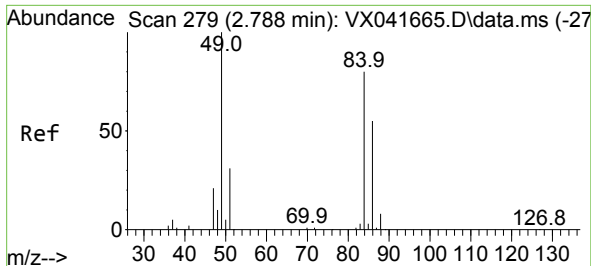
Tgt Ion:168 Resp: 141184
Ion Ratio Lower Upper
168 100
99 49.0 56.6 85.0#



#16
Acetone
Concen: 0.499 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX041746.D
Acq: 05 Jun 2024 13:42

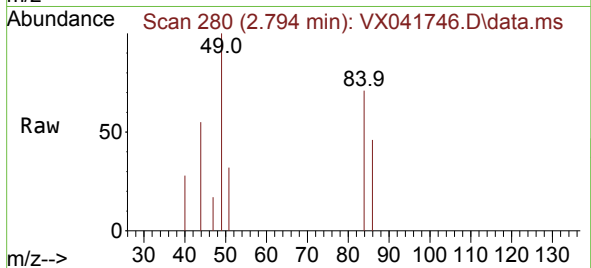
Tgt Ion: 43 Resp: 2423
Ion Ratio Lower Upper
43 100
58 22.6 21.9 32.9



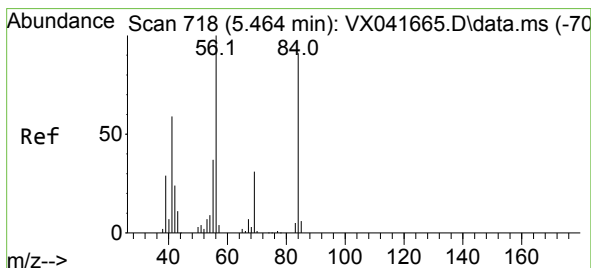
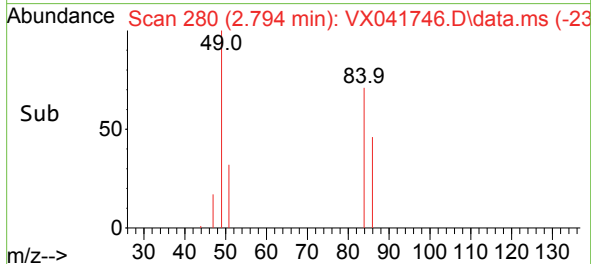
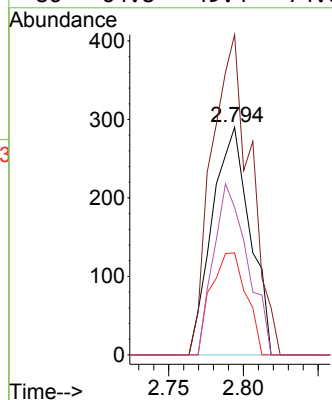


#20
Methylene Chloride
Concen: 0.329 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX041746.D
Acq: 05 Jun 2024 13:42

Instrument :
MSVOA_X
ClientSampleId :

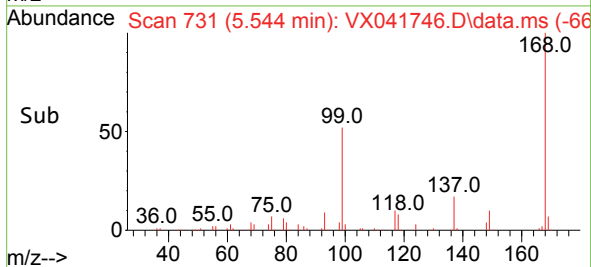
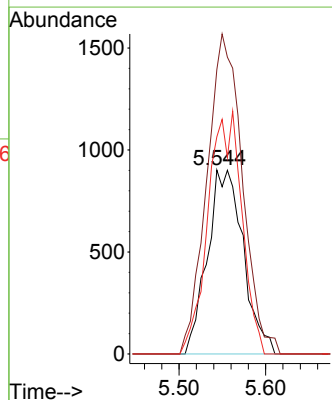
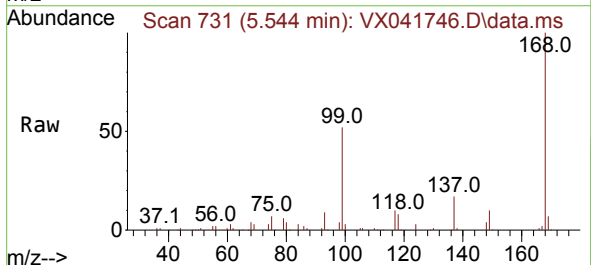


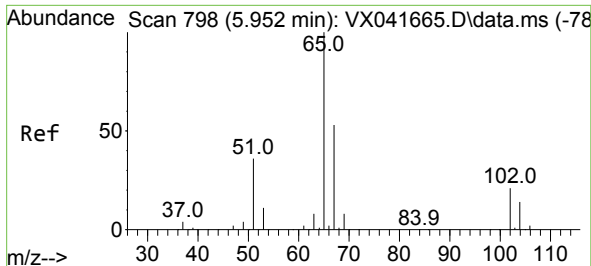
Tgt Ion:	84	Resp:	510
Ion	Ratio	Lower	Upper
84	100		
49	140.7	103.6	155.4
51	44.8	33.8	50.6
86	64.8	49.4	74.0



#31
Cyclohexane
Concen: 1.270 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX041746.D
Acq: 05 Jun 2024 13:42

Tgt Ion:	56	Resp:	2596
Ion	Ratio	Lower	Upper
56	100		
69	154.5	23.4	35.2#
84	118.1	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 48.172 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX041746.D

Acq: 05 Jun 2024 13:42

Instrument :

MSVOA_X

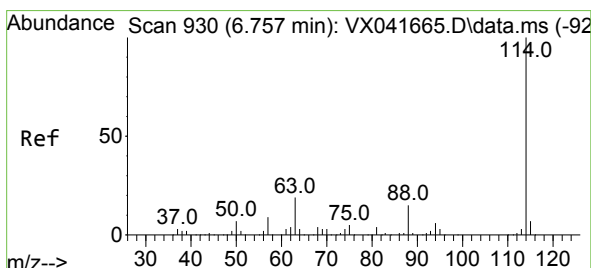
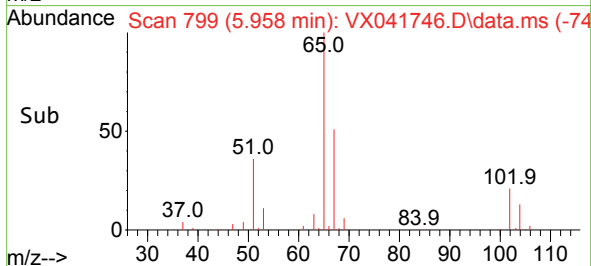
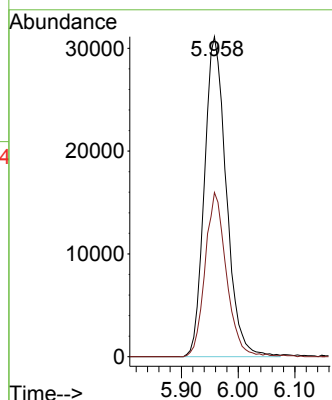
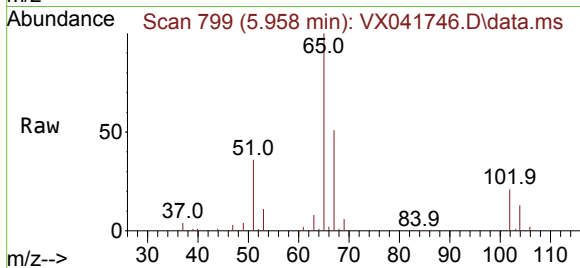
ClientSampleId :

Tgt Ion: 65 Resp: 83414

Ion Ratio Lower Upper

65 100

67 50.1 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX041746.D

Acq: 05 Jun 2024 13:42

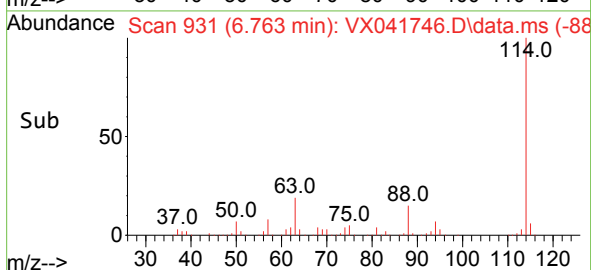
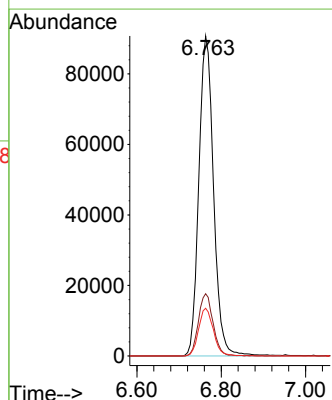
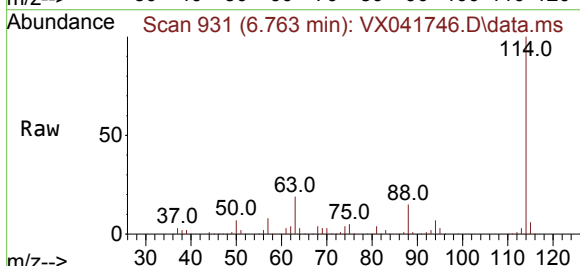
Tgt Ion: 114 Resp: 220774

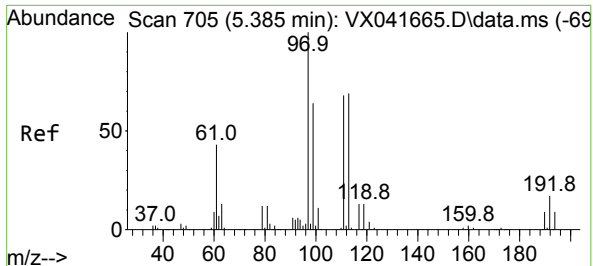
Ion Ratio Lower Upper

114 100

63 19.5 0.0 45.0

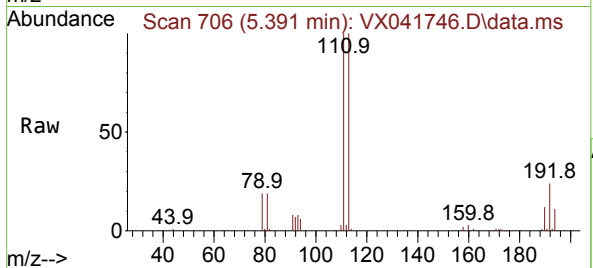
88 14.9 0.0 36.6



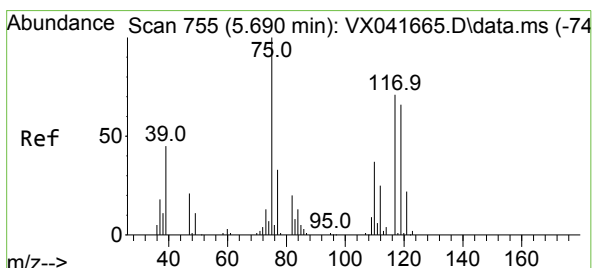
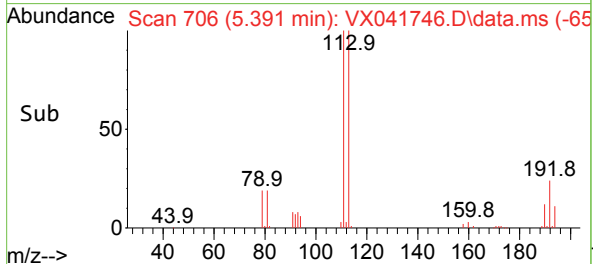
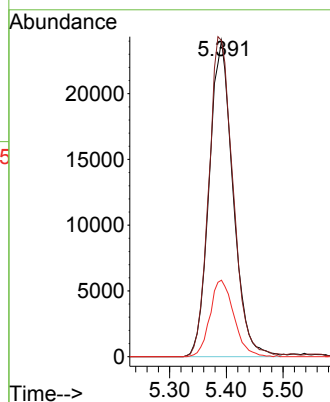


#35
Dibromofluoromethane
Concen: 45.944 ug/l
RT: 5.391 min Scan# 701
Delta R.T. 0.006 min
Lab File: VX041746.D
Acq: 05 Jun 2024 13:42

Instrument :
MSVOA_X
ClientSampleId :

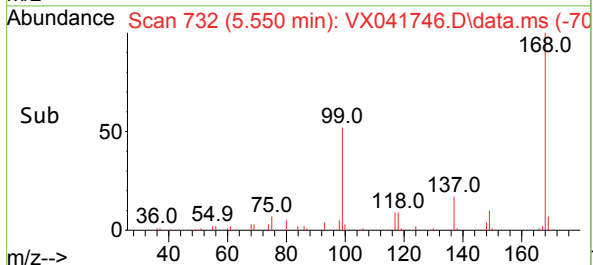
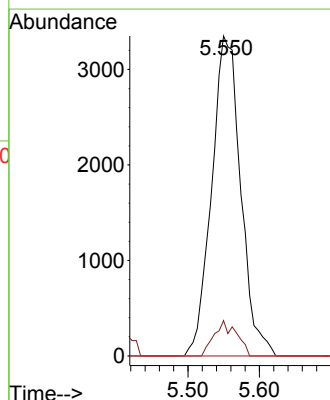
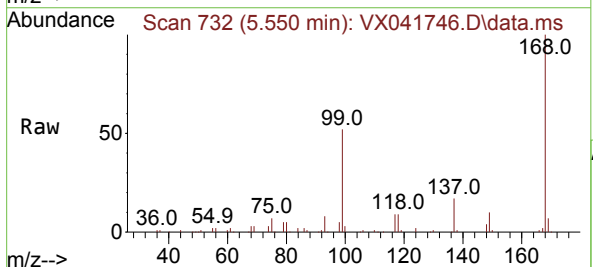


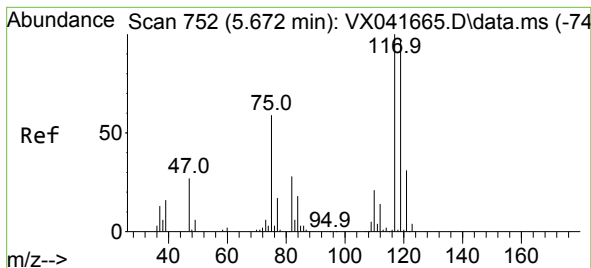
Tgt Ion:113 Resp: 70129
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 24.3 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 5.112 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX041746.D
Acq: 05 Jun 2024 13:42

Tgt Ion: 75 Resp: 9448
Ion Ratio Lower Upper
75 100
110 8.5 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.866 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.116 min

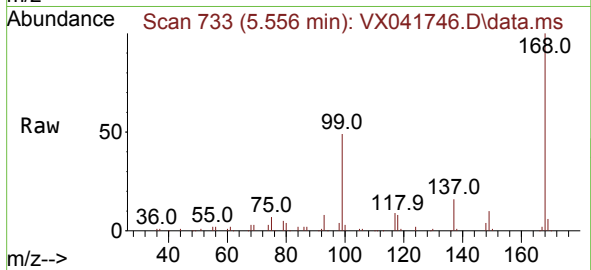
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Acq: 05 Jun 2024 13:42

Instrument :

MSVOA_X

ClientSampleId :



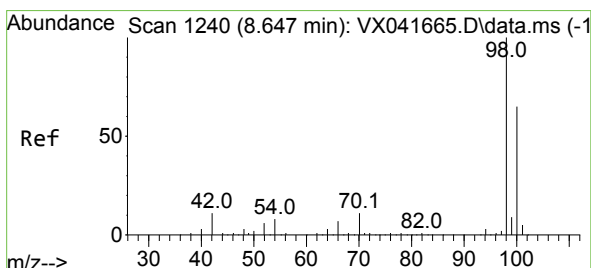
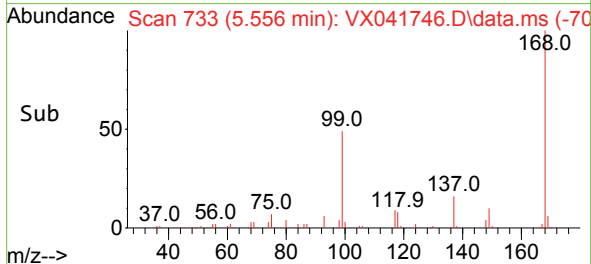
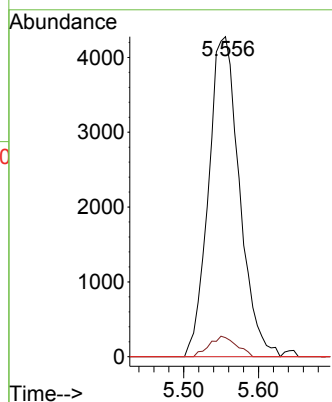
Tgt Ion:117 Resp: 12317

Ion Ratio Lower Upper

117 100

119 6.0 78.2 117.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 49.198 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX041746.D

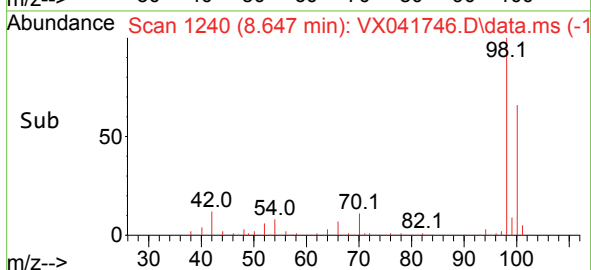
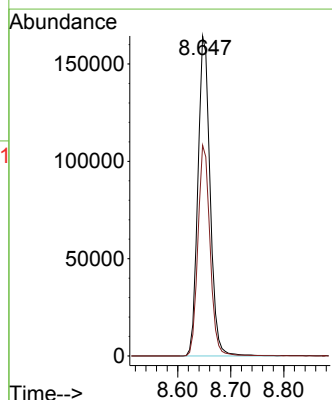
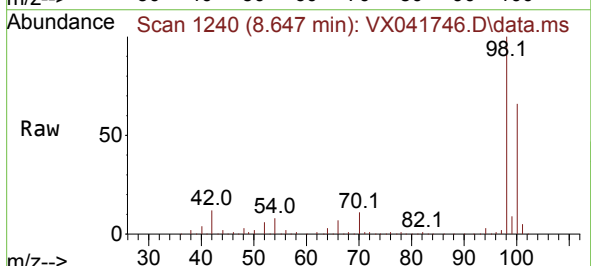
Acq: 05 Jun 2024 13:42

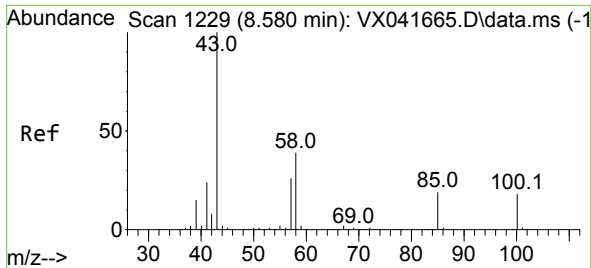
Tgt Ion: 98 Resp: 262397

Ion Ratio Lower Upper

98 100

100 65.7 53.1 79.7

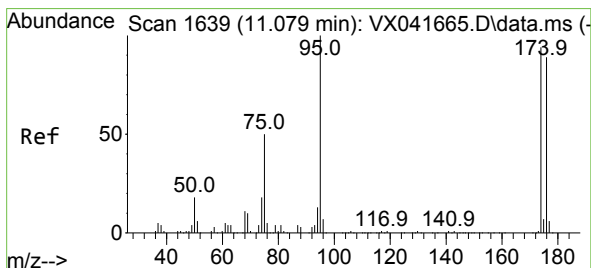
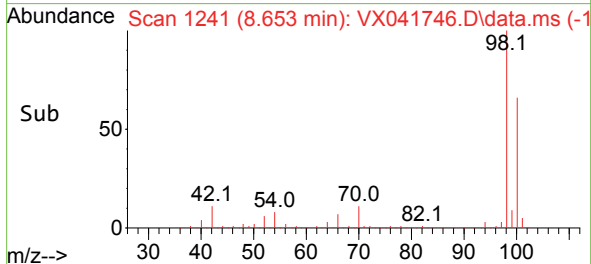
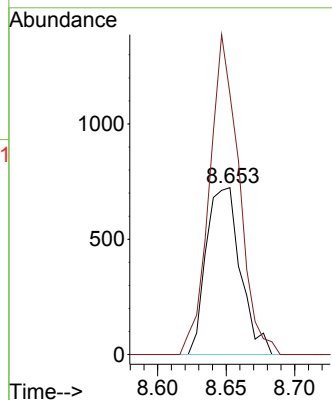
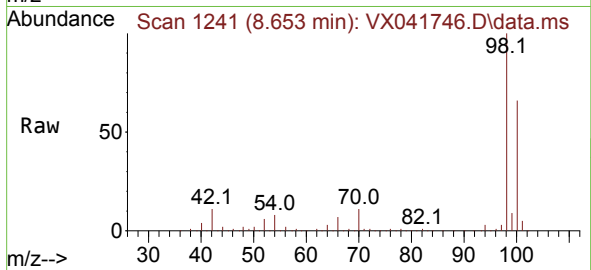




#51
4-Methyl-2-Pentanone
Concen: 0.552 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX041746.D
Acq: 05 Jun 2024 13:42

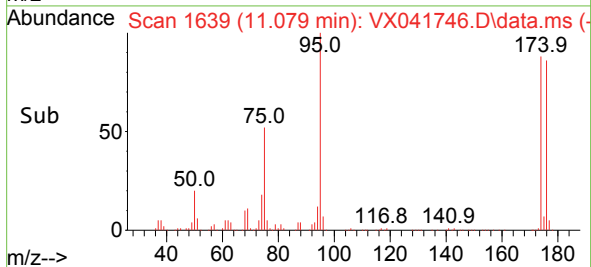
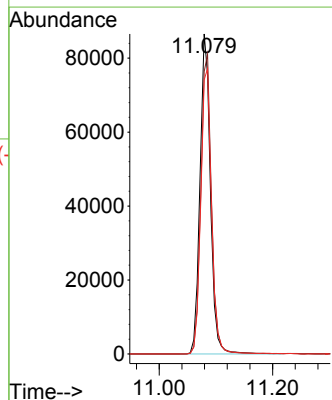
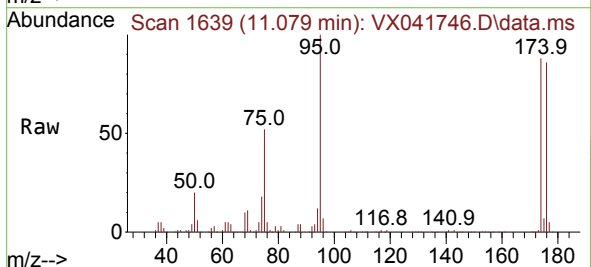
Instrument :
MSVOA_X
ClientSampleId :

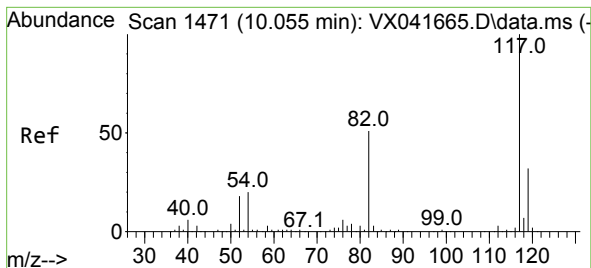
Tgt Ion: 43 Resp: 1260
Ion Ratio Lower Upper
43 100
58 165.8 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 56.037 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041746.D
Acq: 05 Jun 2024 13:42

Tgt Ion: 95 Resp: 110309
Ion Ratio Lower Upper
95 100
174 96.0 0.0 135.6
176 92.1 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: VX041746.D

Acq: 05 Jun 2024 13:42

Instrument :

MSVOA_X

ClientSampleId :

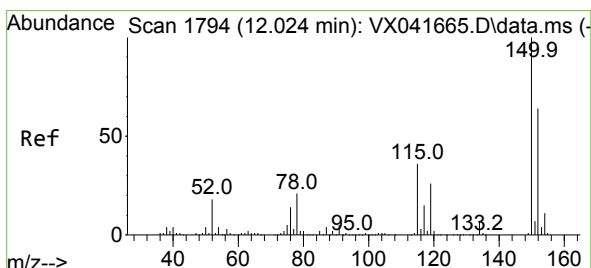
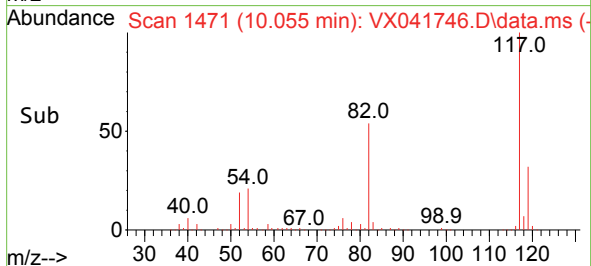
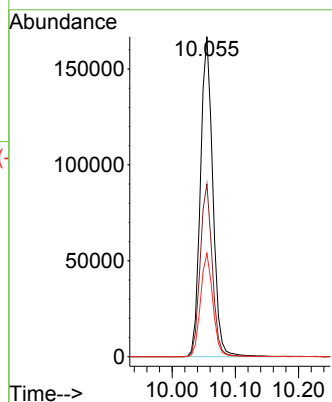
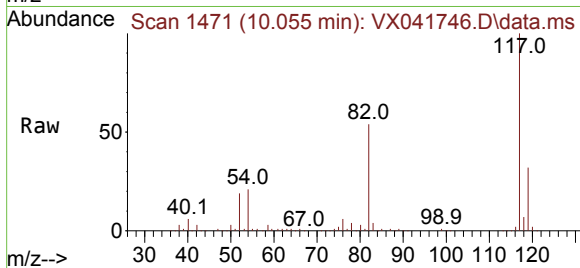
Tgt Ion:117 Resp: 228042

Ion Ratio Lower Upper

117 100

82 54.0 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: VX041746.D

Acq: 05 Jun 2024 13:42

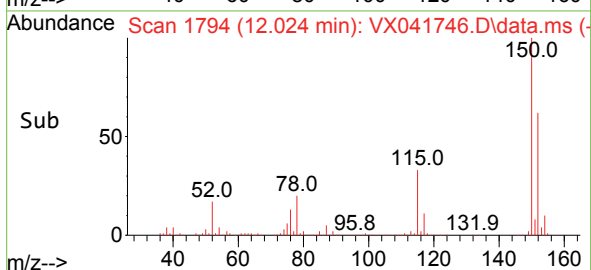
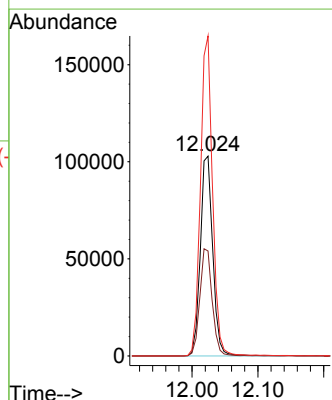
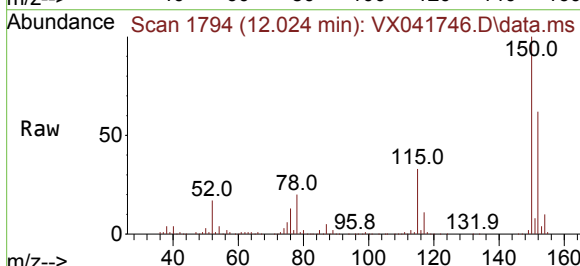
Tgt Ion:152 Resp: 135167

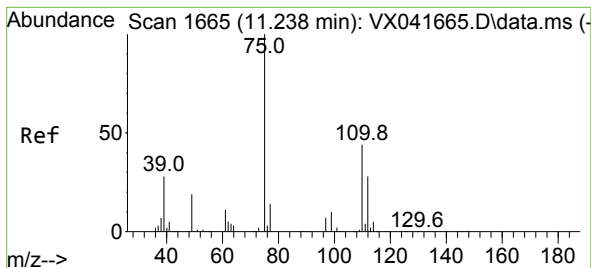
Ion Ratio Lower Upper

152 100

115 53.7 43.3 129.9

150 155.7 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 23.740 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041746.D

Acq: 05 Jun 2024 13:42

Instrument :

MSVOA_X

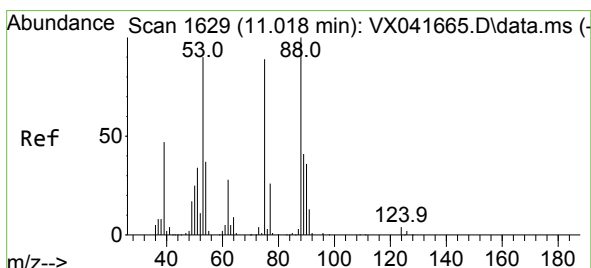
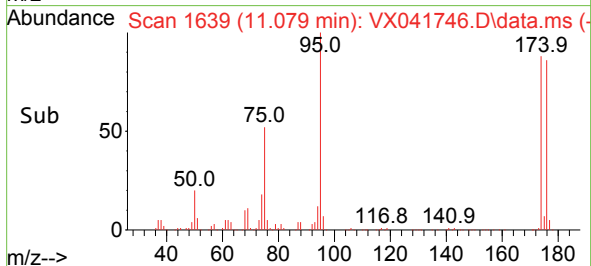
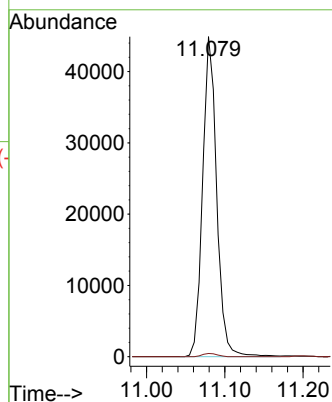
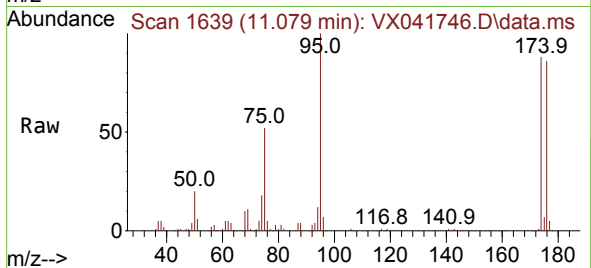
ClientSampleId :

Tgt Ion: 75 Resp: 55987

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.702 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041746.D

Acq: 05 Jun 2024 13:42

Tgt Ion: 75 Resp: 55987

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

