

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040824\
 Data File : VX040921.D
 Acq On : 08 Apr 2024 11:52
 Operator : JC/MD
 Sample : P2002-01DL 400X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RMW-06B-21-040424DL

Quant Time: Apr 09 02:46:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 02 05:40:55 2024
 Response via : Initial Calibration

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

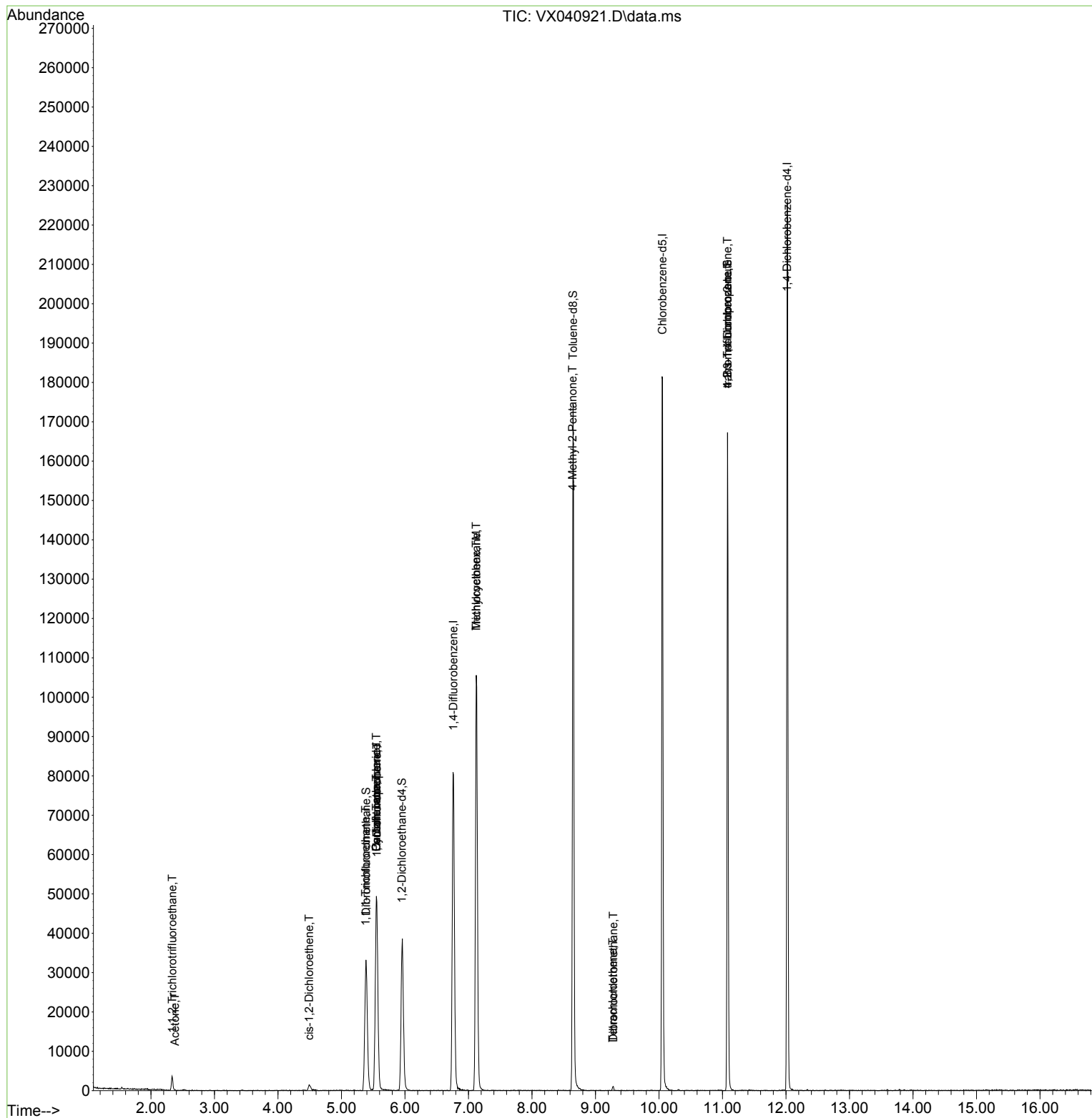
Internal Standards						
1) Pentafluorobenzene	5.550	168	43006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	79115	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	78845	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	42189	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	39054	50.611	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.220%	
35) Dibromofluoromethane	5.385	113	26876	47.961	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.920%	
50) Toluene-d8	8.647	98	101085	49.921	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.840%	
62) 4-Bromofluorobenzene	11.079	95	40949	50.640	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.280%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.337	101	1478	2.881	ug/l	93
16) Acetone	2.380	43	144	0.481	ug/l #	47
27) cis-1,2-Dichloroethene	4.489	96	938	1.598	ug/l	92
31) Cyclohexane	5.550	56	1118	1.365	ug/l #	25
32) 1,1,1-Trichloroethane	5.379	97	771	0.832	ug/l #	48
36) 1,1-Dichloropropene	5.556	75	4038	5.071	ug/l #	48
38) Carbon Tetrachloride	5.550	117	4738	5.375	ug/l #	14
39) Methylcyclohexane	7.123	83	502	0.528	ug/l #	1
44) Trichloroethene	7.123	130	37563	68.057	ug/l	98
51) 4-Methyl-2-Pentanone	8.641	43	533	0.532	ug/l #	1
60) Dibromochloromethane	9.281	129	193	0.297	ug/l #	11
64) Tetrachloroethene	9.275	164	254	0.487	ug/l #	63
76) 1,2,3-Trichloropropane	11.079	75	25238	28.053	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	25238	75.689	ug/l #	5

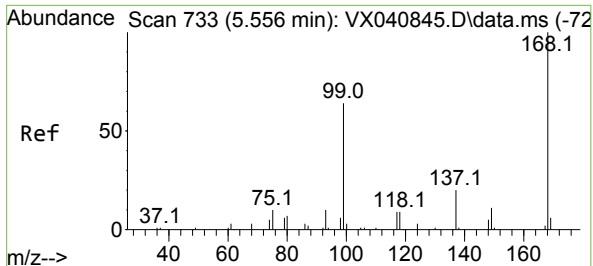
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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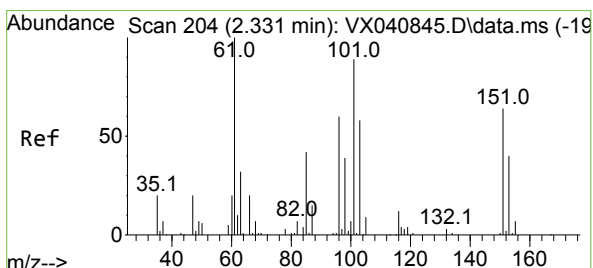
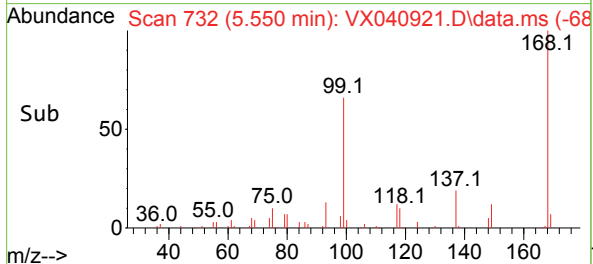
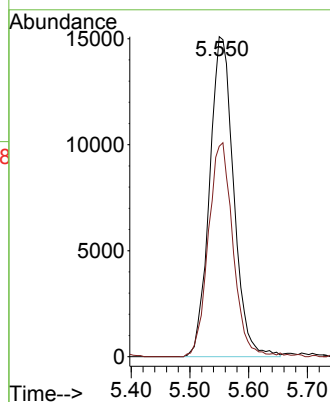
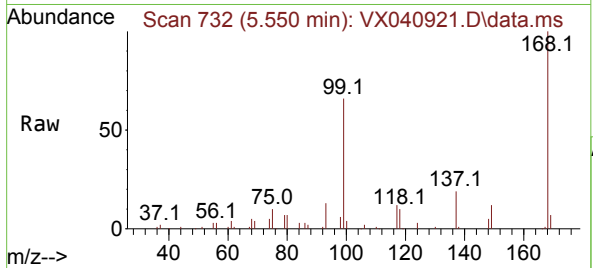




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX040921.D
Acq: 08 Apr 2024 11:52

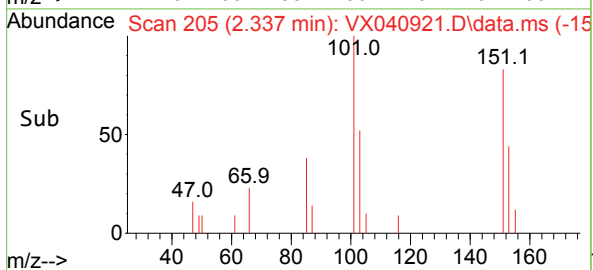
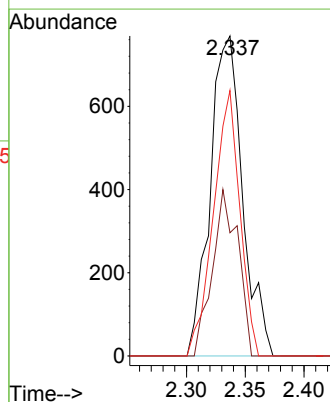
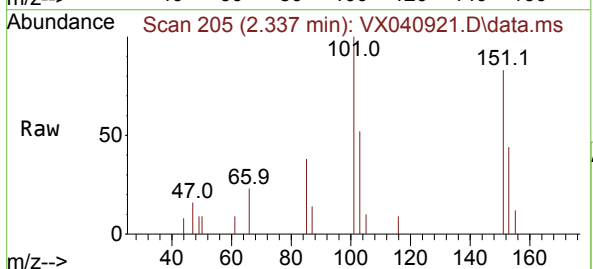
Instrument :
MSVOA_X
ClientSampleId :
RMW-06B-21-040424DL

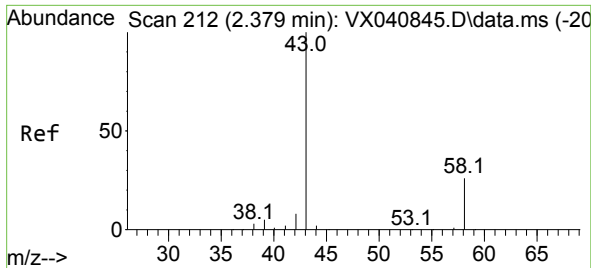
Tgt Ion:168 Resp: 43006
Ion Ratio Lower Upper
168 100
99 65.8 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.881 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX040921.D
Acq: 08 Apr 2024 11:52

Tgt Ion:101 Resp: 1478
Ion Ratio Lower Upper
101 100
85 41.1 37.0 55.6
151 67.5 58.6 87.8

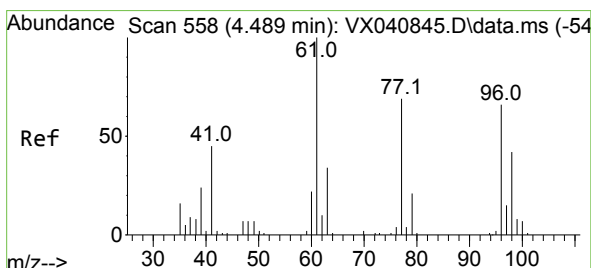
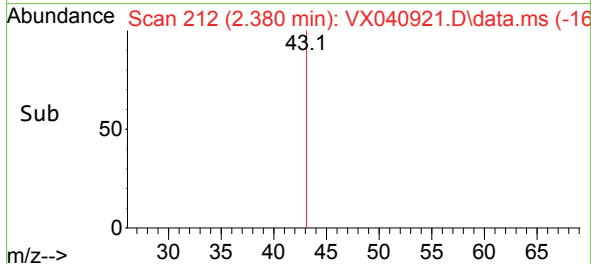
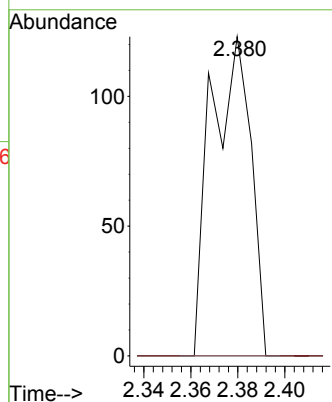
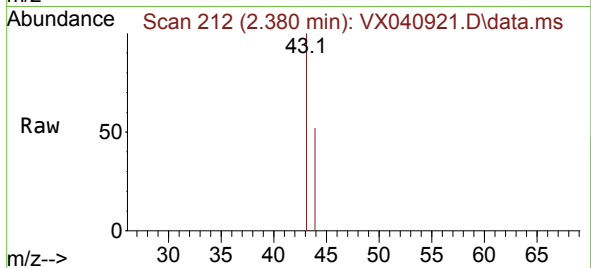




#16
Acetone
Concen: 0.481 ug/l
RT: 2.380 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX040921.D
Acq: 08 Apr 2024 11:52

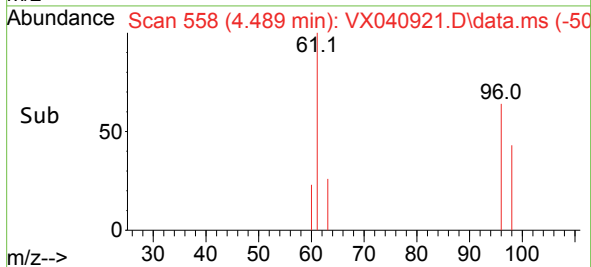
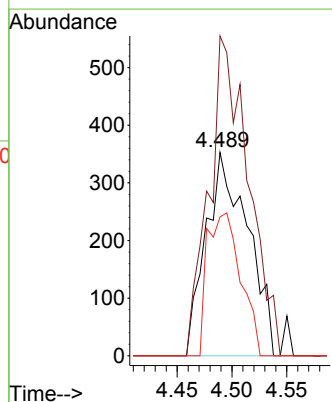
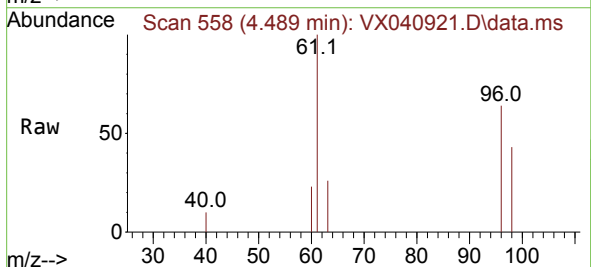
Instrument :
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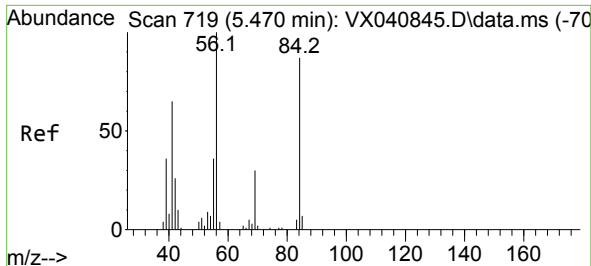
Tgt Ion: 43 Resp: 144
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#



#27
cis-1,2-Dichloroethene
Concen: 1.598 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX040921.D
Acq: 08 Apr 2024 11:52

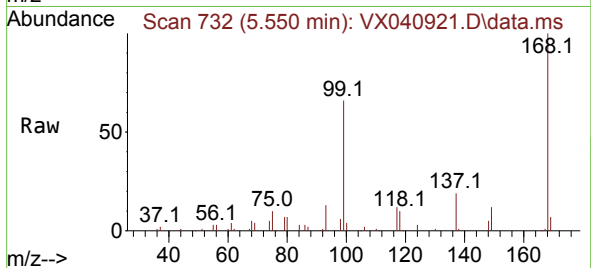
Tgt Ion: 96 Resp: 938
Ion Ratio Lower Upper
96 100
61 147.8 0.0 312.2
98 55.8 0.0 129.0



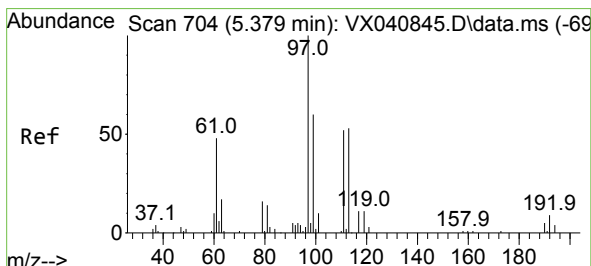
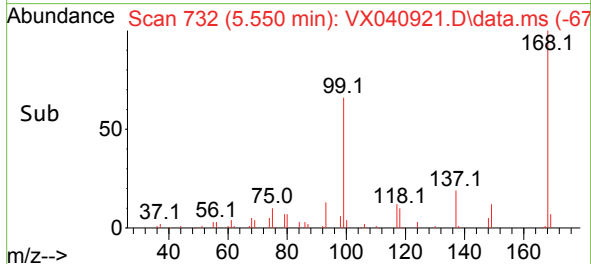
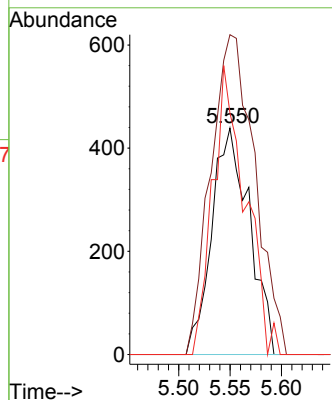


#31
Cyclohexane
Concen: 1.365 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX040921.D
Acq: 08 Apr 2024 11:52

Instrument :
MSVOA_X
ClientSampleId :
RMW-06B-21-040424DL

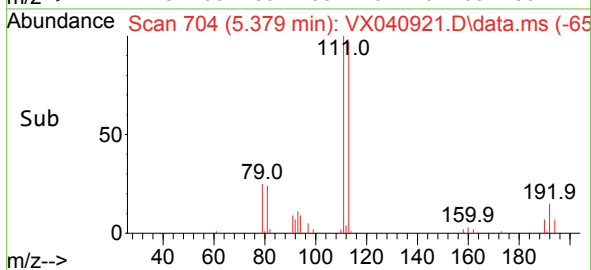
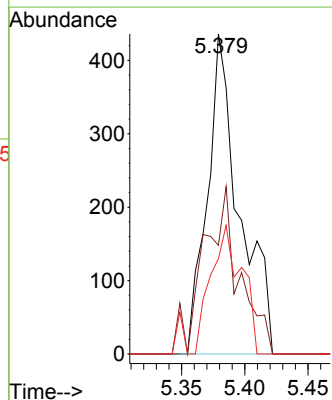
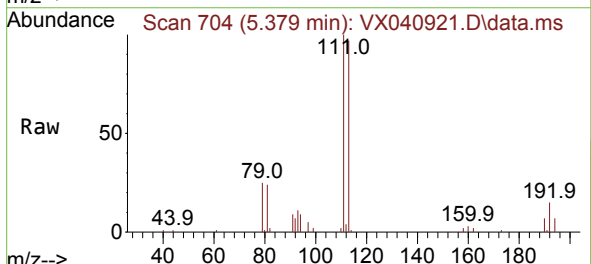


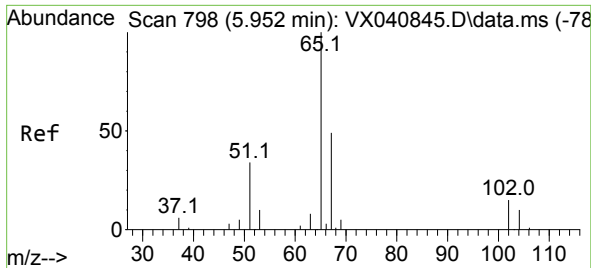
Tgt Ion: 56 Resp: 1118
Ion Ratio Lower Upper
56 100
69 141.2 23.4 35.2#
84 106.6 65.9 98.9#



#32
1,1,1-Trichloroethane
Concen: 0.832 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX040921.D
Acq: 08 Apr 2024 11:52

Tgt Ion: 97 Resp: 771
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 38.7 36.4 54.6

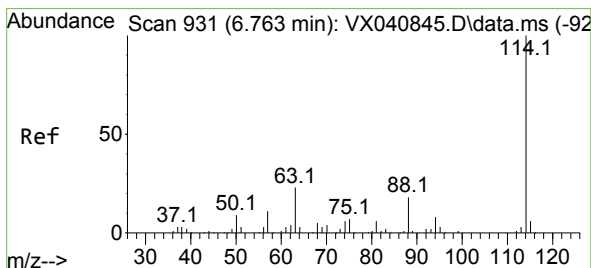
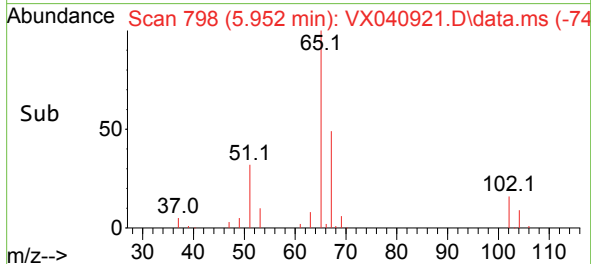
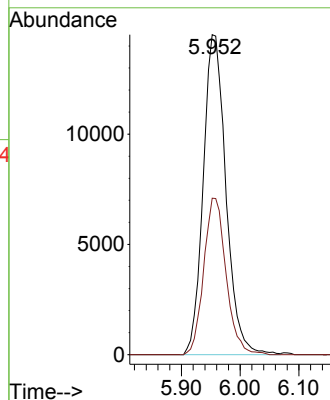
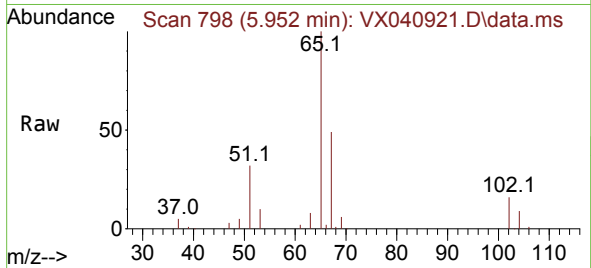




#33
 1,2-Dichloroethane-d4
 Concen: 50.611 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX040921.D
 Acq: 08 Apr 2024 11:52

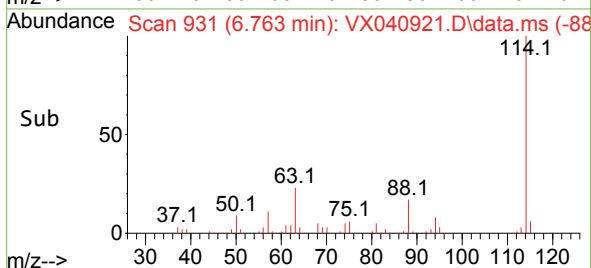
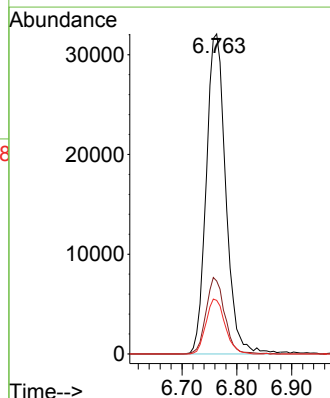
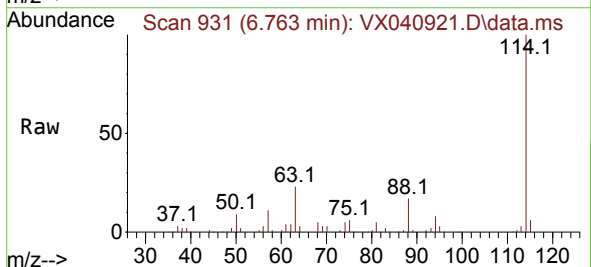
Instrument :
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 ClientSampleId :
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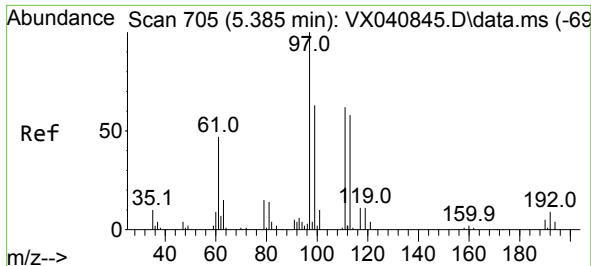
Tgt Ion: 65 Resp: 39054
 Ion Ratio Lower Upper
 65 100
 67 48.0 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX040921.D
 Acq: 08 Apr 2024 11:52

Tgt Ion: 114 Resp: 79115
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 45.0
 88 16.8 0.0 36.6

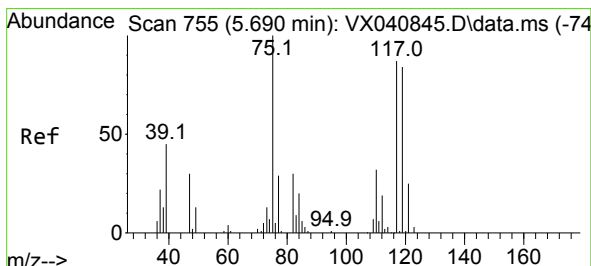
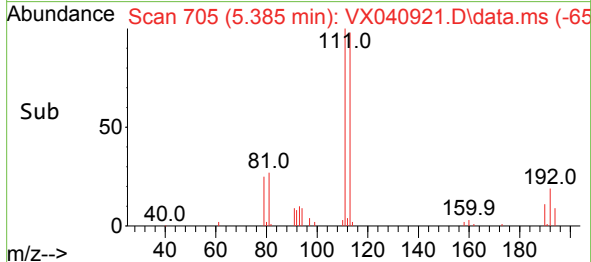
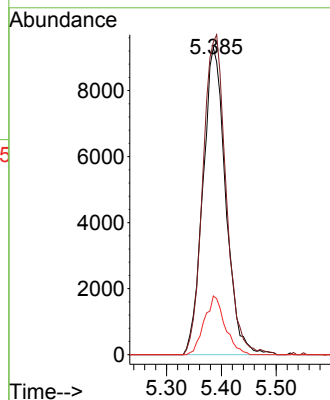
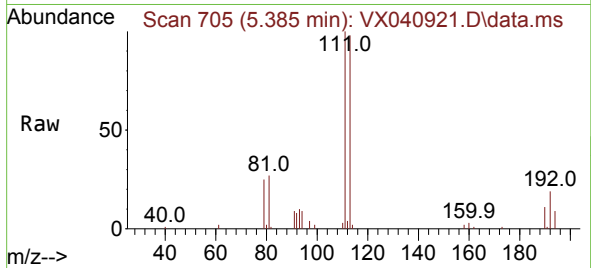




#35
Dibromofluoromethane
Concen: 47.961 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040921.D
Acq: 08 Apr 2024 11:52

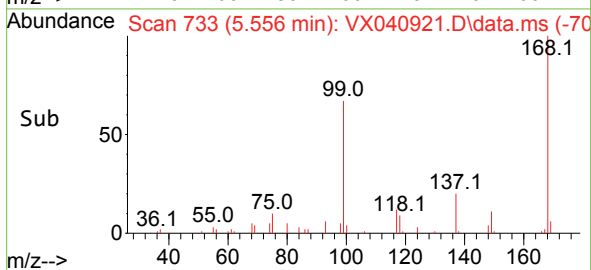
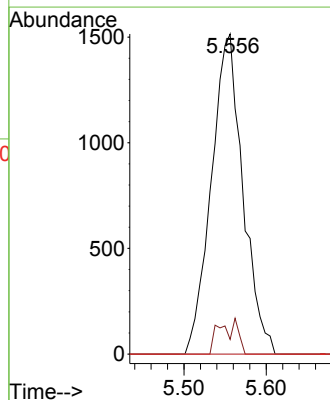
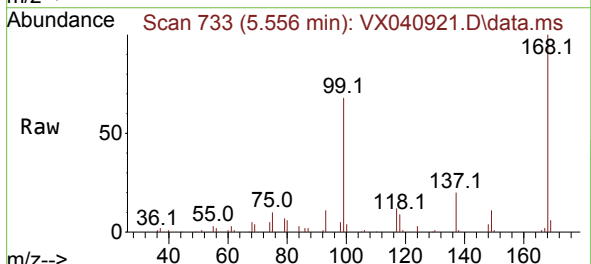
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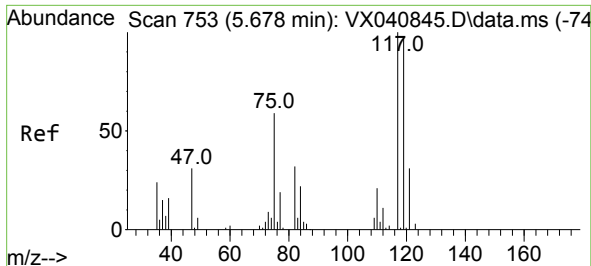
Tgt Ion:113 Resp: 26876
Ion Ratio Lower Upper
113 100
111 105.5 82.9 124.3
192 17.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.071 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX040921.D
Acq: 08 Apr 2024 11:52

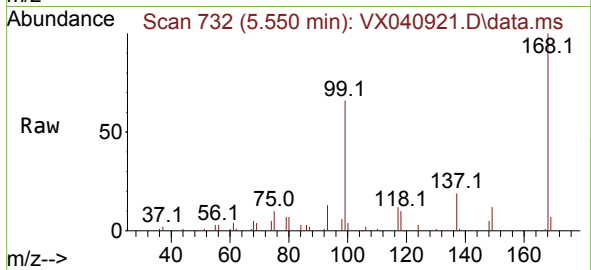
Tgt Ion: 75 Resp: 4038
Ion Ratio Lower Upper
75 100
110 6.5 17.0 50.9#
77 0.0 24.7 37.1#



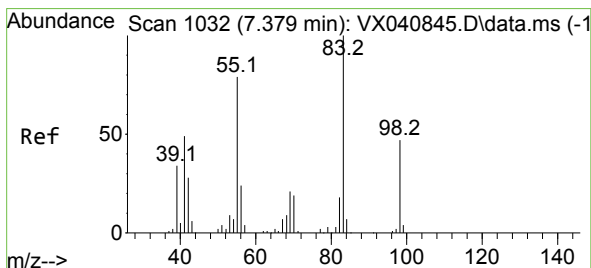
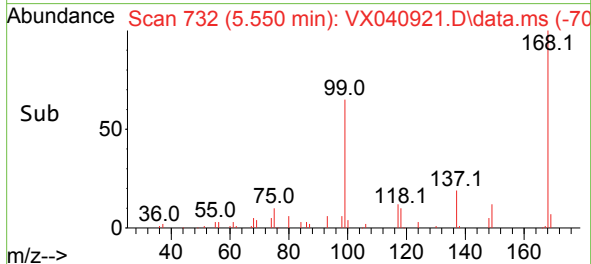
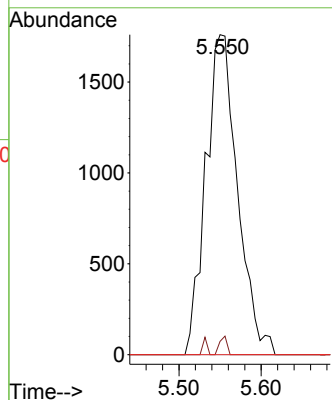


#38
Carbon Tetrachloride
Concen: 5.375 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX040921.D
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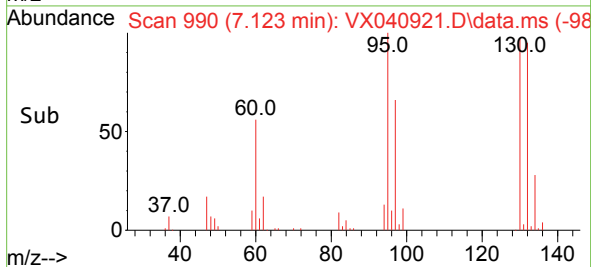
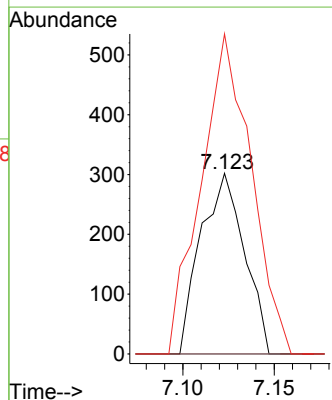
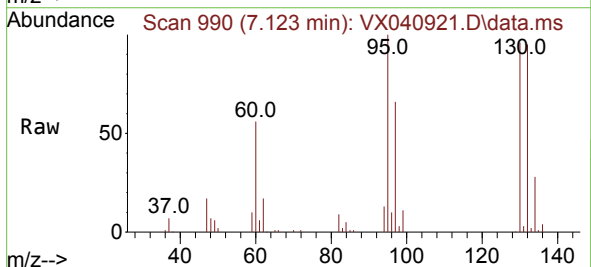


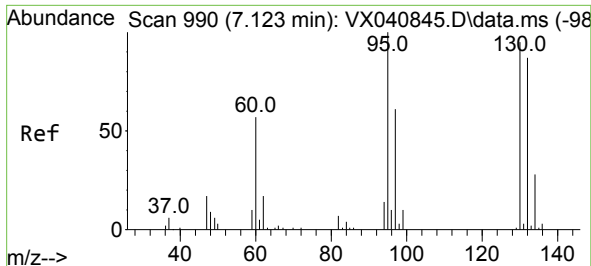
Tgt Ion:117 Resp: 4738
Ion Ratio Lower Upper
117 100
119 4.1 78.2 117.2#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.528 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.256 min
Lab File: VX040921.D
Acq: 08 Apr 2024 11:52

Tgt Ion: 83 Resp: 502
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 157.6 36.7 55.1#

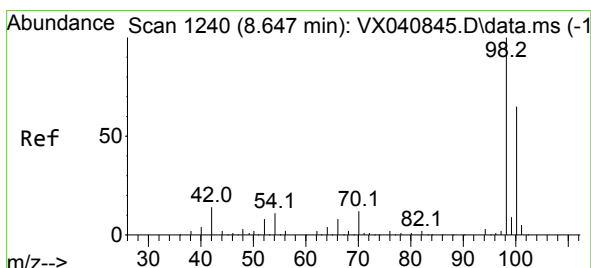
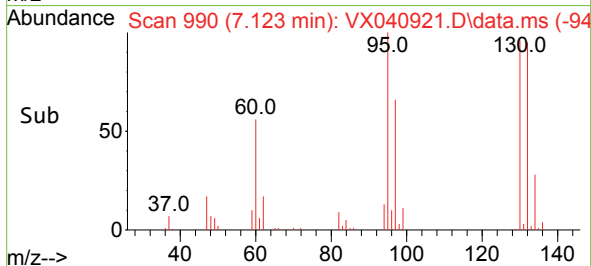
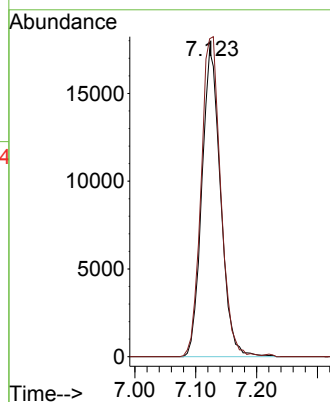
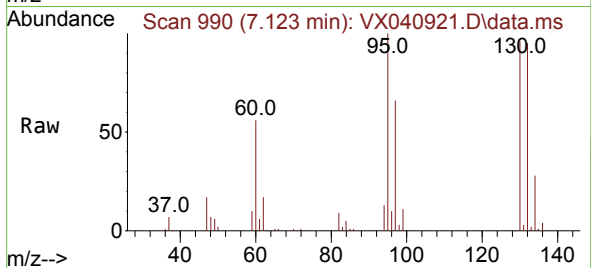




#44
Trichloroethene
Concen: 68.057 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX040921.D
Acq: 08 Apr 2024 11:52

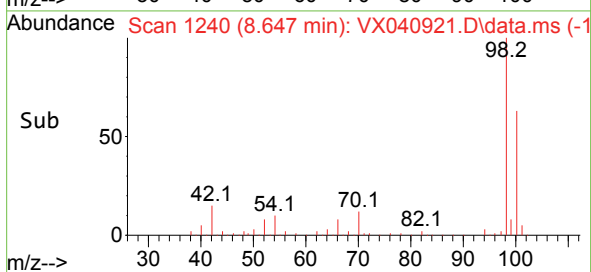
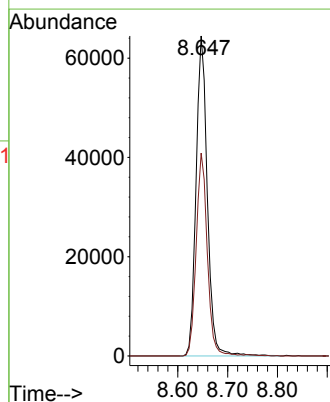
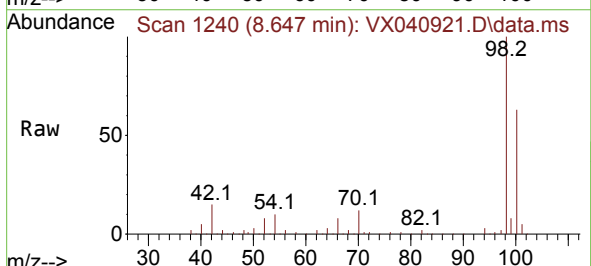
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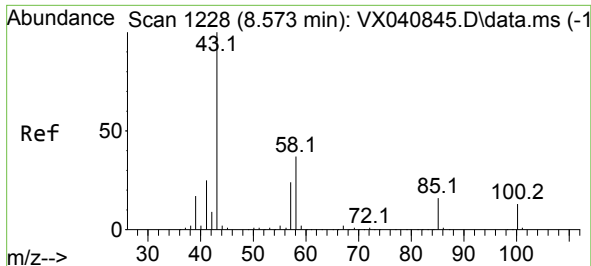
Tgt Ion:130 Resp: 37563
Ion Ratio Lower Upper
130 100
95 103.8 0.0 204.4



#50
Toluene-d8
Concen: 49.921 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040921.D
Acq: 08 Apr 2024 11:52

Tgt Ion: 98 Resp: 101085
Ion Ratio Lower Upper
98 100
100 62.6 53.1 79.7

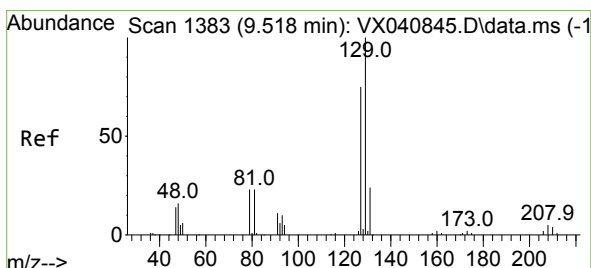
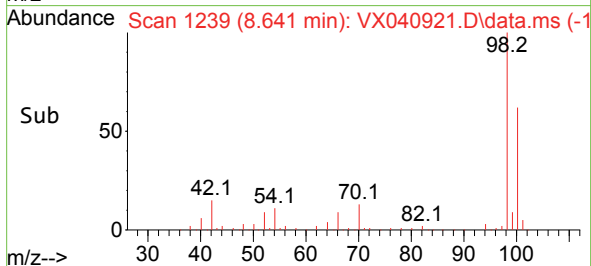
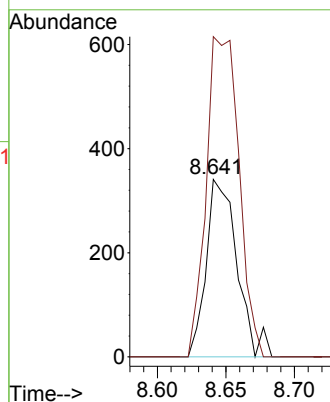
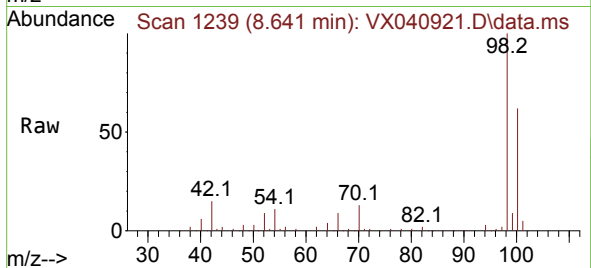




#51
4-Methyl-2-Pentanone
Concen: 0.532 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX040921.D
Acq: 08 Apr 2024 11:52

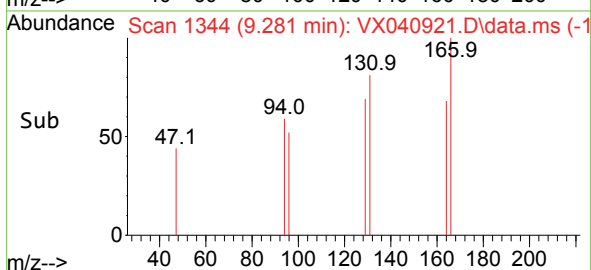
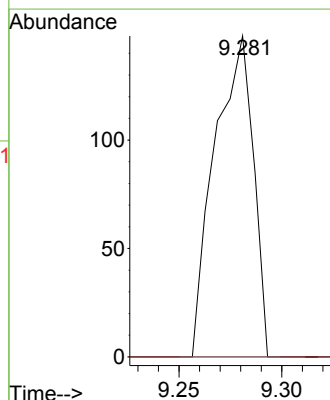
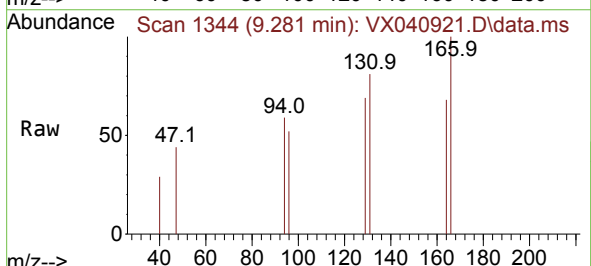
Instrument :
MSVOA_X
ClientSampleId :
RMW-06B-21-040424DL

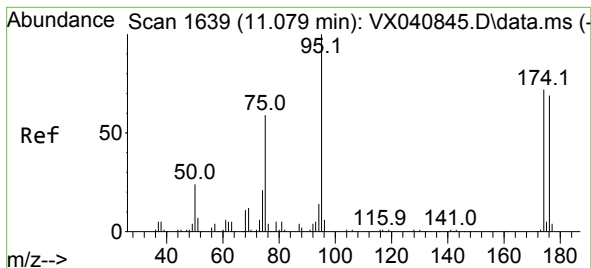
Tgt Ion: 43 Resp: 533
Ion Ratio Lower Upper
43 100
58 191.9 30.4 45.6#



#60
Dibromochloromethane
Concen: 0.297 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.238 min
Lab File: VX040921.D
Acq: 08 Apr 2024 11:52

Tgt Ion: 129 Resp: 193
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

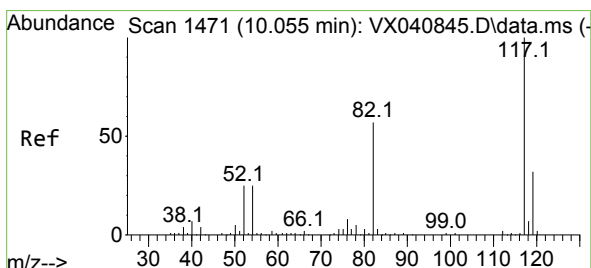
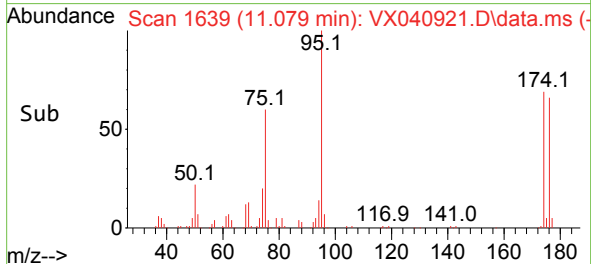
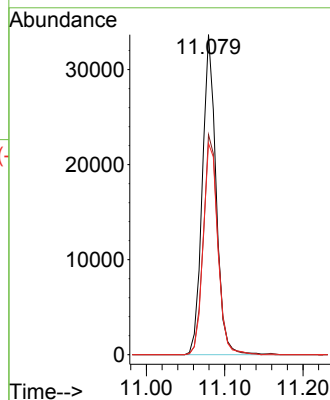
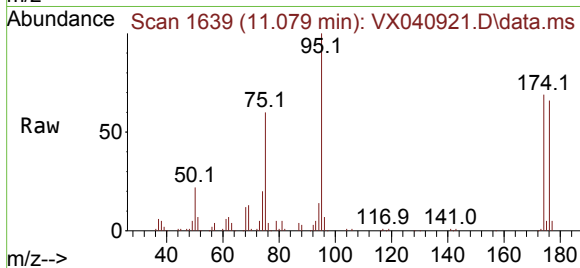




#62
4-Bromofluorobenzene
Concen: 50.640 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX040921.D
Acq: 08 Apr 2024 11:52

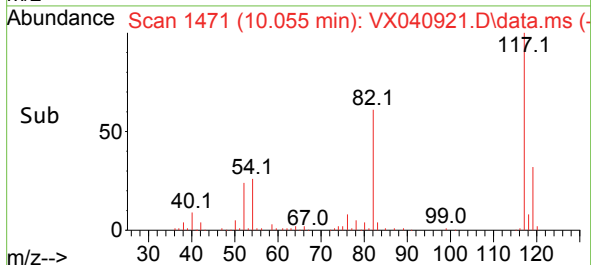
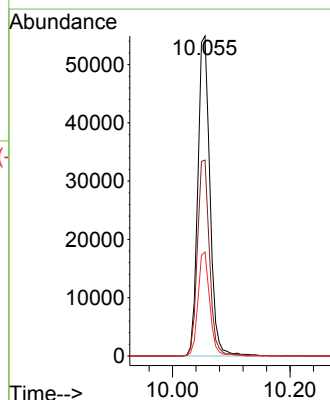
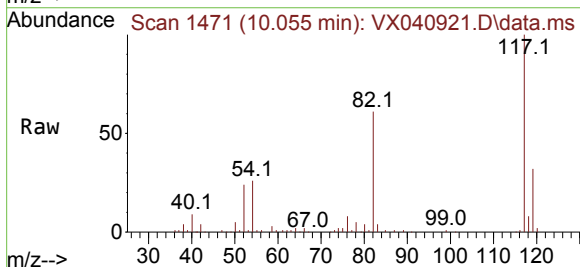
Instrument :
MSVOA_X
ClientSampleId :
RMW-06B-21-040424DL

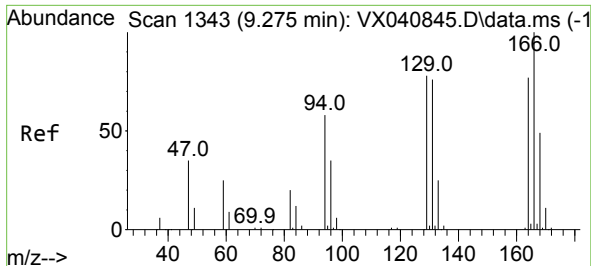
Tgt Ion: 95 Resp: 40949
Ion Ratio Lower Upper
95 100
174 72.6 0.0 135.6
176 70.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040921.D
Acq: 08 Apr 2024 11:52

Tgt Ion: 117 Resp: 78845
Ion Ratio Lower Upper
117 100
82 61.2 46.2 69.4
119 32.5 25.5 38.3

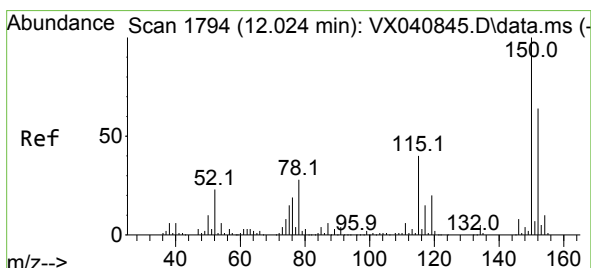
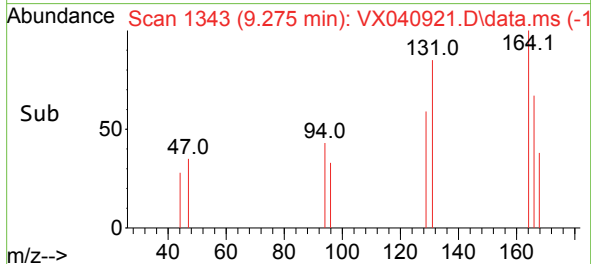
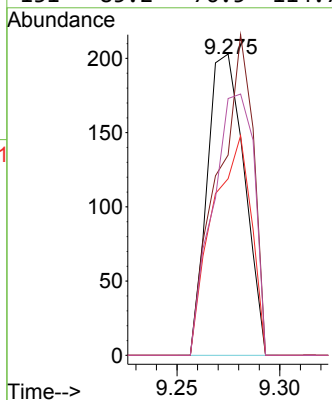
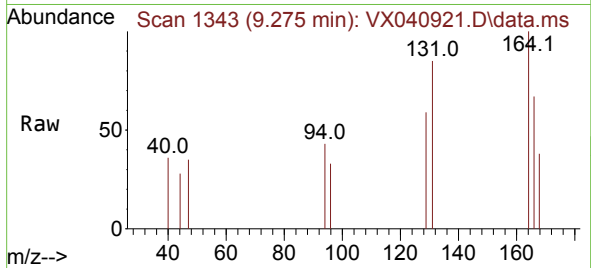




#64
Tetrachloroethene
Concen: 0.487 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040921.D
Acq: 08 Apr 2024 11:52

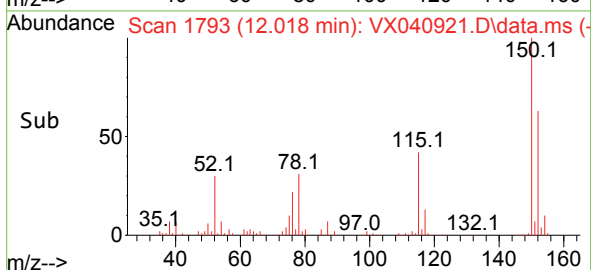
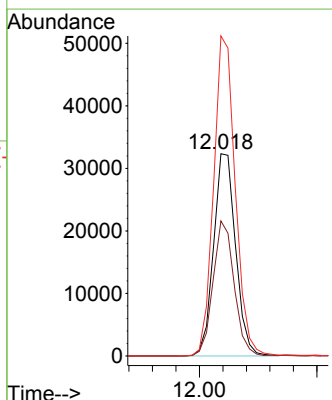
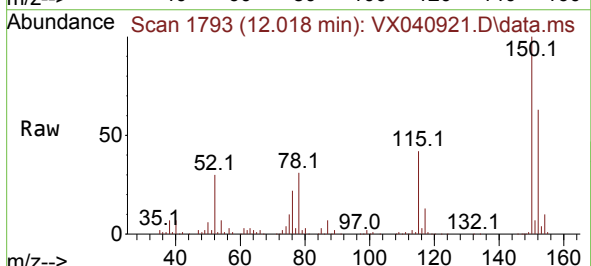
Instrument :
MSVOA_X
ClientSampleId :
RMW-06B-21-040424DL

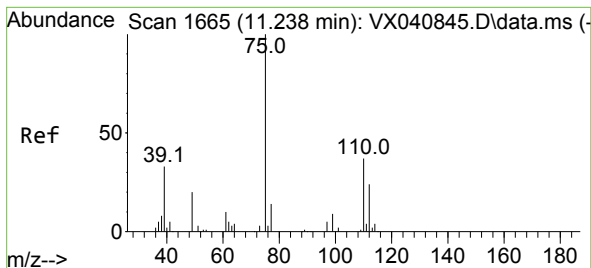
Tgt Ion:164	Resp:	254
Ion	Ratio	Lower Upper
164	100	
166	66.5	102.7 154.1#
129	58.6	80.4 120.6#
131	85.2	76.5 114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX040921.D
Acq: 08 Apr 2024 11:52

Tgt Ion:152	Resp:	42189
Ion	Ratio	Lower Upper
152	100	
115	64.1	43.3 129.9
150	156.0	0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 28.053 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX040921.D

Acq: 08 Apr 2024 11:52

Instrument :

MSVOA_X

ClientSampleId :

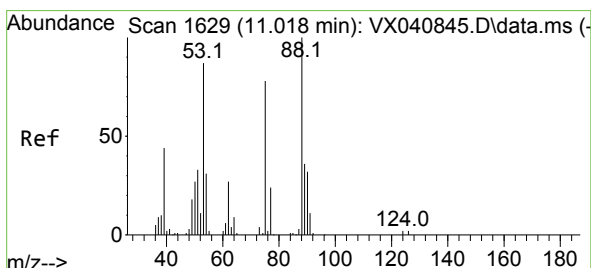
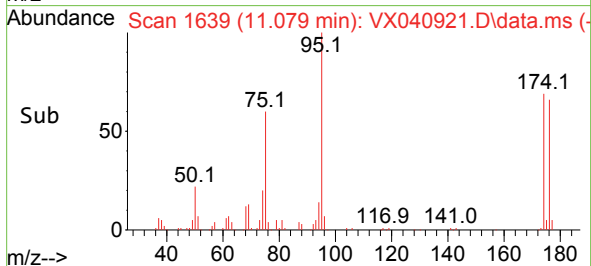
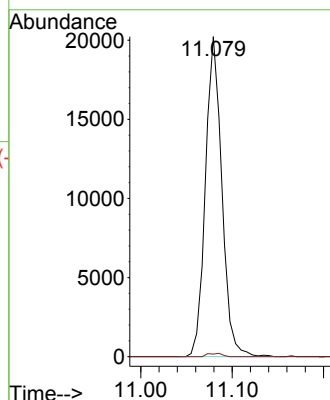
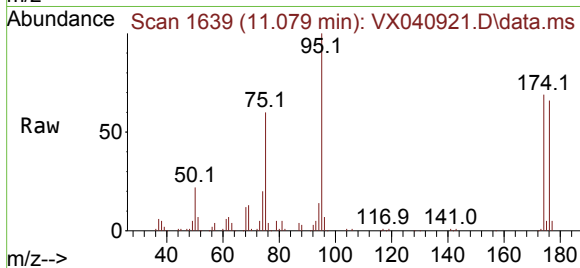
RMW-06B-21-040424DL

Tgt Ion: 75 Resp: 25238

Ion Ratio Lower Upper

75 100

77 0.9 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 75.689 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040921.D

Acq: 08 Apr 2024 11:52

Tgt Ion: 75 Resp: 25238

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.1 36.9 55.3#

