

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041223\
 Data File : VX035011.D
 Acq On : 11 Apr 2023 15:57
 Operator : JC/MD
 Sample : 02271-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4-040723

Quant Time: Apr 12 05:51:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

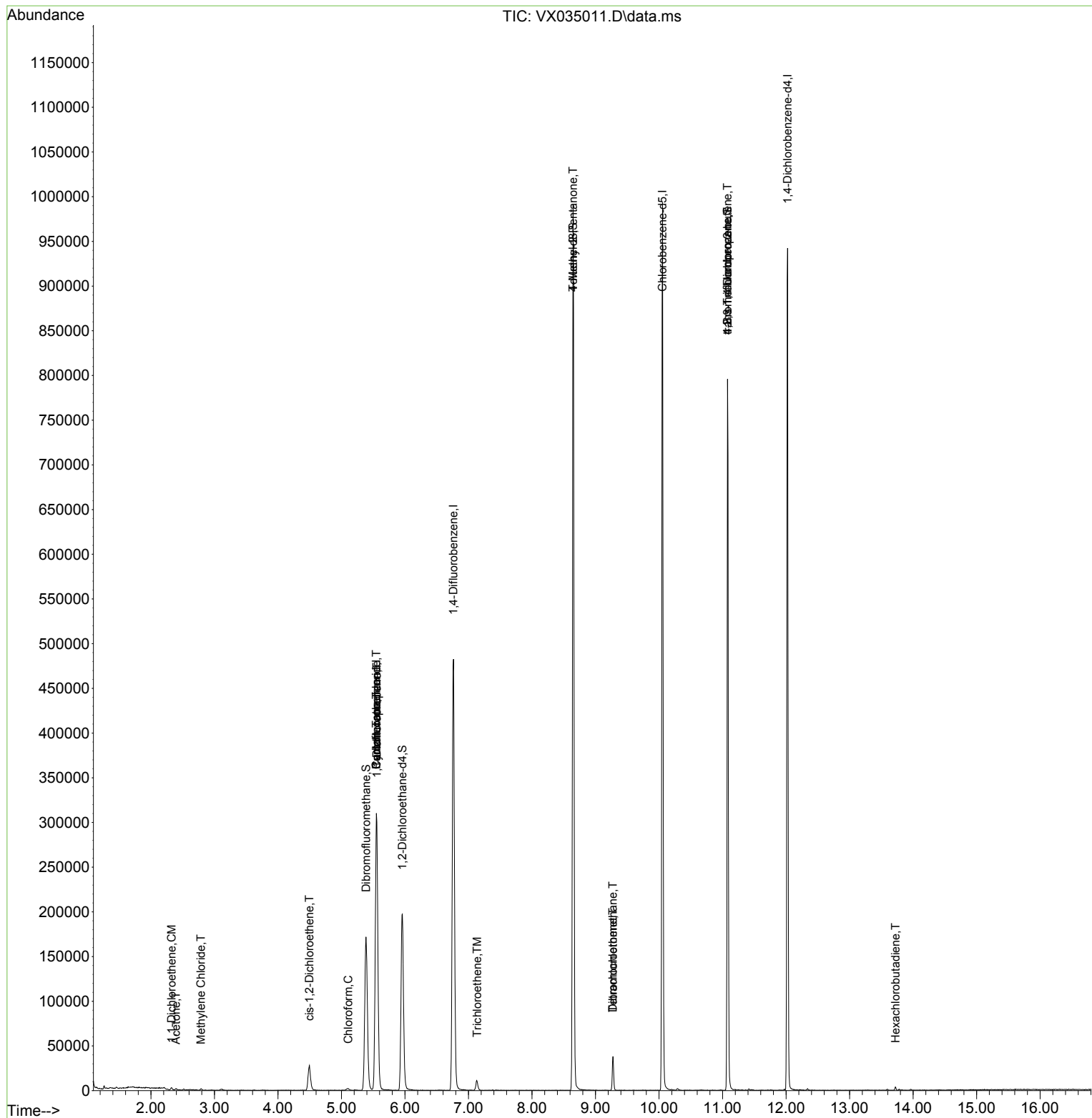
Internal Standards						
1) Pentafluorobenzene	5.550	168	279963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	482833	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	430383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	191290	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	197719	46.178	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.360%		
35) Dibromofluoromethane	5.385	113	150275	47.056	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.120%		
50) Toluene-d8	8.647	98	573445	48.648	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.300%		
62) 4-Bromofluorobenzene	11.079	95	214928	47.118	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.240%		
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	2.325	96	788	0.274	ug/l #	71
16) Acetone	2.392	43	1583	0.910	ug/l #	83
20) Methylene Chloride	2.788	84	745	0.217	ug/l #	73
27) cis-1,2-Dichloroethene	4.495	96	17353	4.672	ug/l	88
30) Chloroform	5.105	83	2449	0.394	ug/l	100
31) Cyclohexane	5.550	56	6076	1.165	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	24196	5.114	ug/l #	47
38) Carbon Tetrachloride	5.550	117	29606	6.637	ug/l #	15
44) Trichloroethene	7.135	130	4193	1.209	ug/l	94
51) 4-Methyl-2-Pentanone	8.647	43	2586	0.528	ug/l #	1
60) Dibromochloromethane	9.275	129	7150	2.239	ug/l #	10
64) Tetrachloroethene	9.275	164	6877	2.233	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	111997	29.057	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	111997	87.083	ug/l #	8
94) Hexachlorobutadiene	13.725	225	672	0.427	ug/l	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041223\
Data File : VX035011.D
Acq On : 11 Apr 2023 15:57
Operator : JC/MD
Sample : 02271-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-4-040723

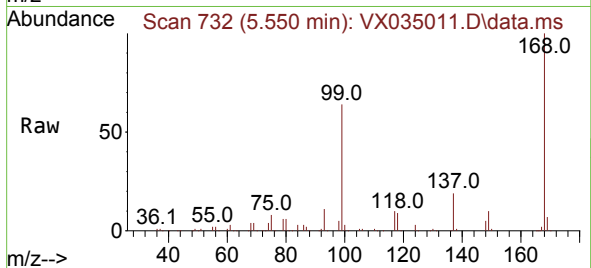
Quant Time: Apr 12 05:51:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
Response via : Initial Calibration



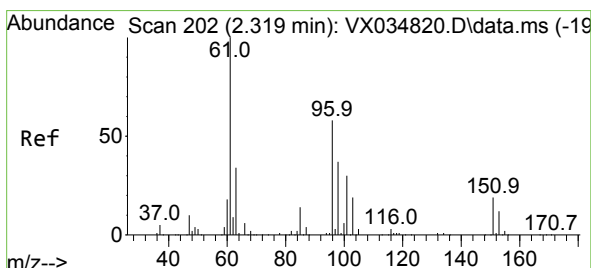
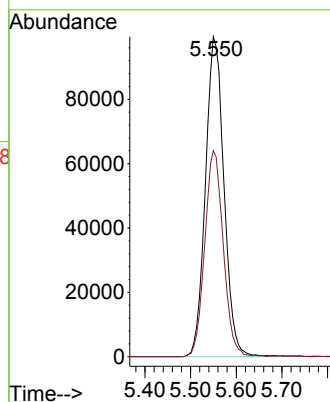
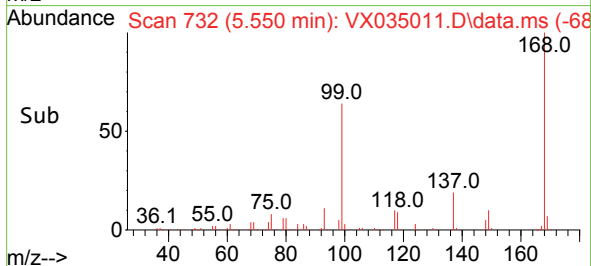


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035011.D
Acq: 11 Apr 2023 15:57

Instrument :
MSVOA_X
ClientSampleId :
MW-4-040723

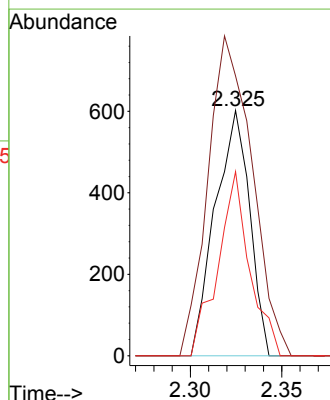
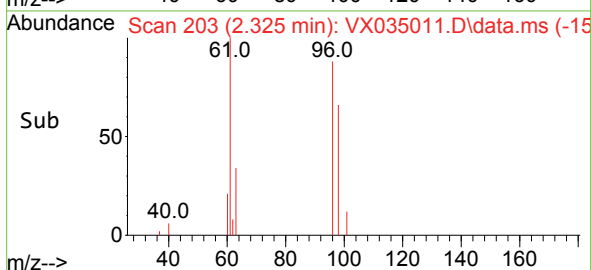
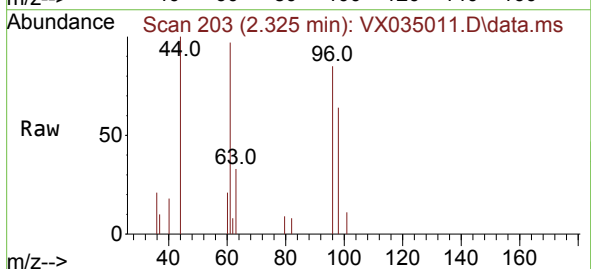


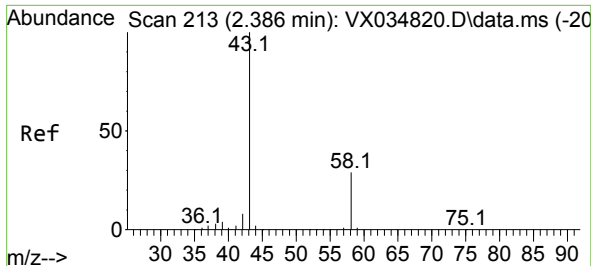
Tgt Ion:168 Resp: 279963
Ion Ratio Lower Upper
168 100
99 64.4 45.7 68.5



#12
1,1-Dichloroethene
Concen: 0.274 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX035011.D
Acq: 11 Apr 2023 15:57

Tgt Ion: 96 Resp: 788
Ion Ratio Lower Upper
96 100
61 114.1 128.8 193.2#
98 75.1 51.4 77.0





#16

Acetone

Concen: 0.910 ug/l

RT: 2.392 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX035011.D

Acq: 11 Apr 2023 15:57

Instrument :

MSVOA_X

ClientSampleId :

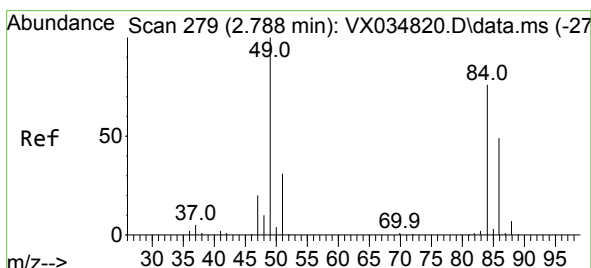
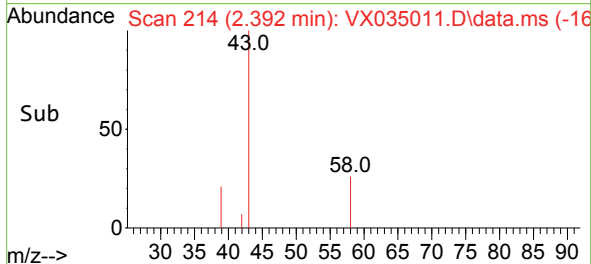
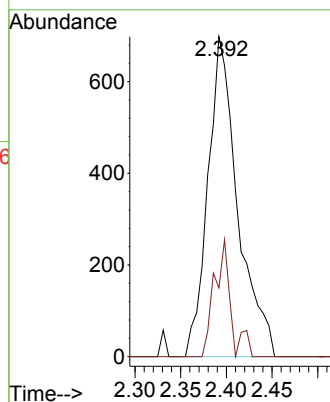
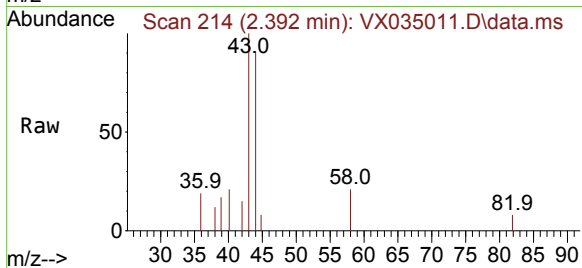
MW-4-040723

Tgt Ion: 43 Resp: 1583

Ion Ratio Lower Upper

43 100

58 21.5 24.7 37.1#



#20

Methylene Chloride

Concen: 0.217 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX035011.D

Acq: 11 Apr 2023 15:57

Tgt Ion: 84 Resp: 745

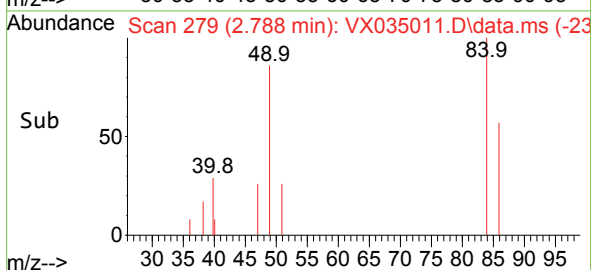
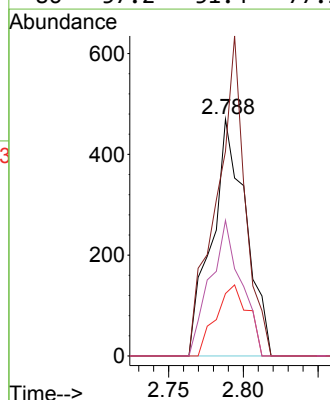
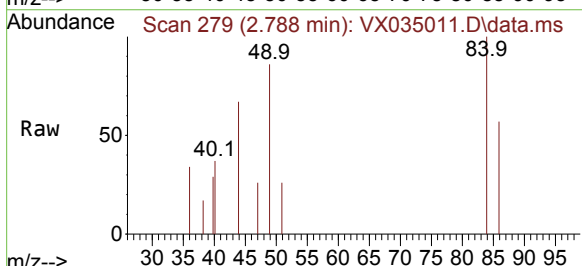
Ion Ratio Lower Upper

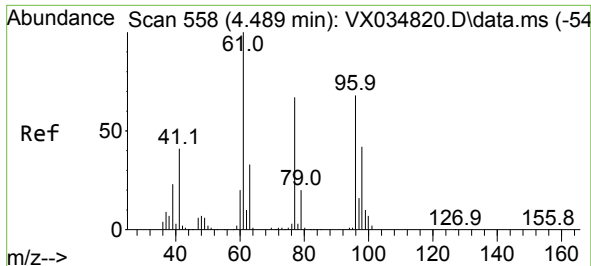
84 100

49 86.4 103.8 155.8#

51 26.4 31.8 47.8#

86 57.2 51.4 77.2





#27

cis-1,2-Dichloroethene

Concen: 4.672 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX035011.D

Acq: 11 Apr 2023 15:57

Instrument :

MSVOA_X

ClientSampleId :

MW-4-040723

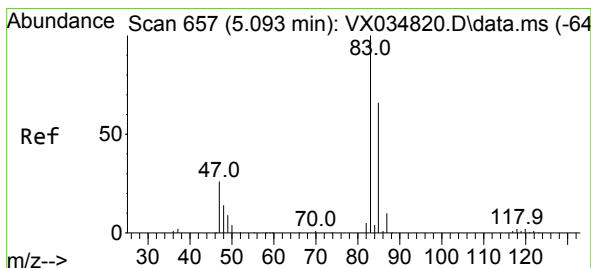
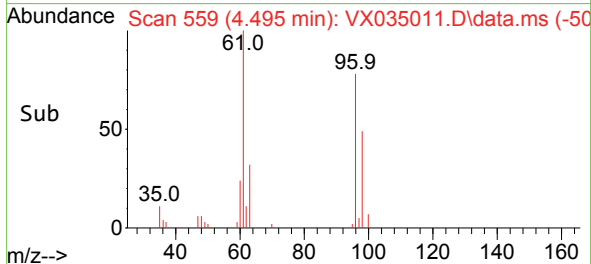
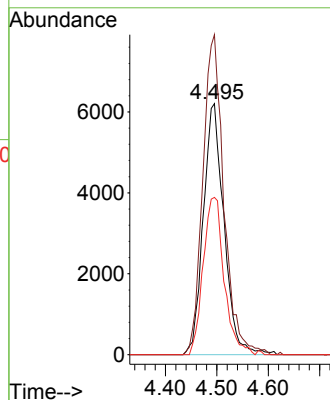
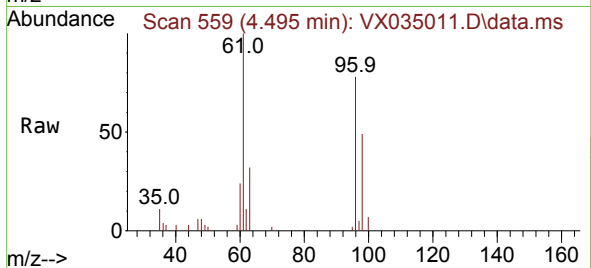
Tgt Ion: 96 Resp: 17353

Ion Ratio Lower Upper

96 100

61 129.2 0.0 300.4

98 63.4 0.0 129.0



#30

Chloroform

Concen: 0.394 ug/l

RT: 5.105 min Scan# 659

Delta R.T. 0.012 min

Lab File: VX035011.D

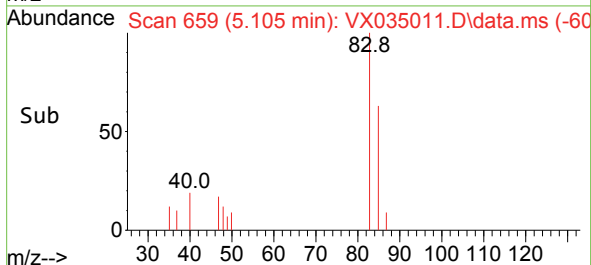
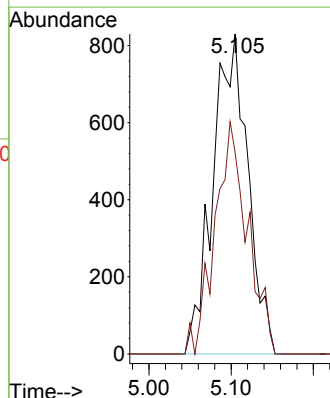
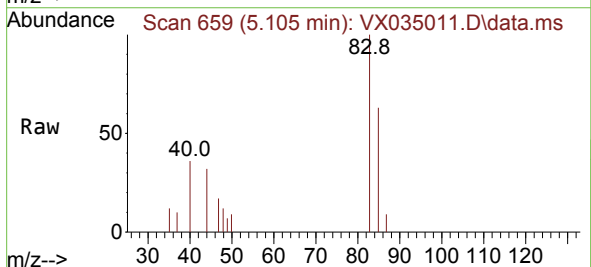
Acq: 11 Apr 2023 15:57

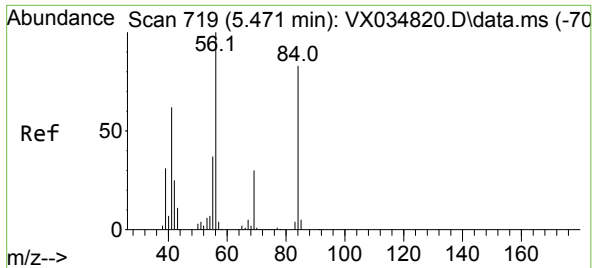
Tgt Ion: 83 Resp: 2449

Ion Ratio Lower Upper

83 100

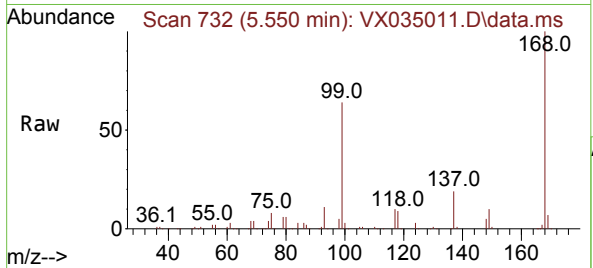
85 63.0 50.6 76.0



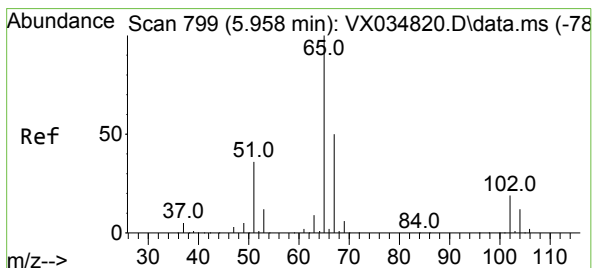
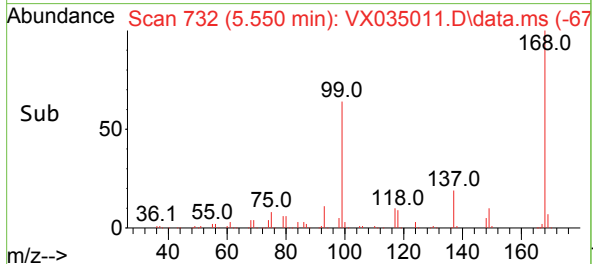
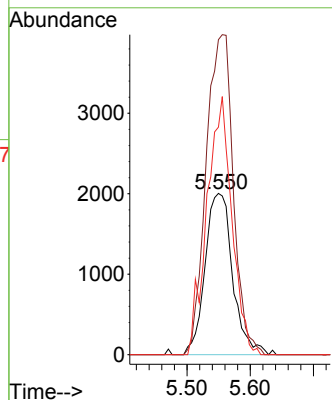


#31
Cyclohexane
Concen: 1.165 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX035011.D
Acq: 11 Apr 2023 15:57

Instrument :
MSVOA_X
ClientSampleId :
MW-4-040723

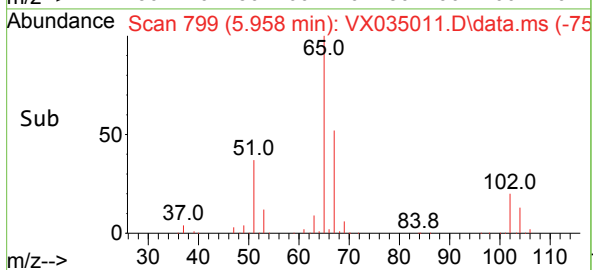
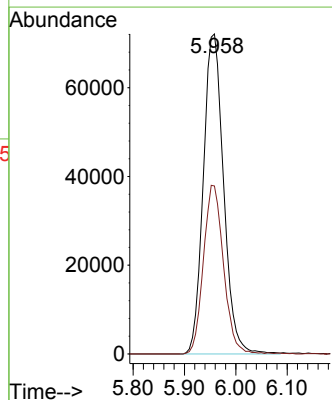
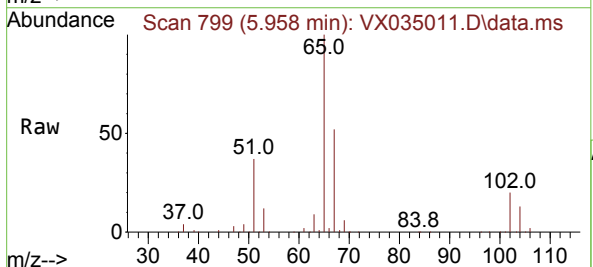


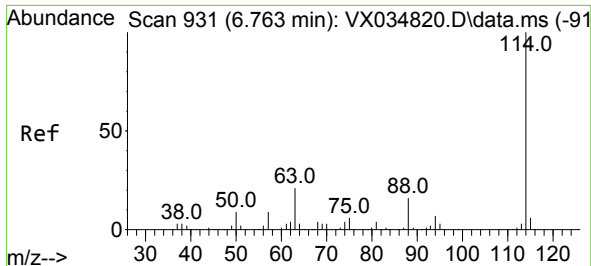
Tgt Ion: 56 Resp: 6076
Ion Ratio Lower Upper
56 100
69 195.4 23.7 35.5#
84 141.1 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 46.178 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX035011.D
Acq: 11 Apr 2023 15:57

Tgt Ion: 65 Resp: 197719
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.0

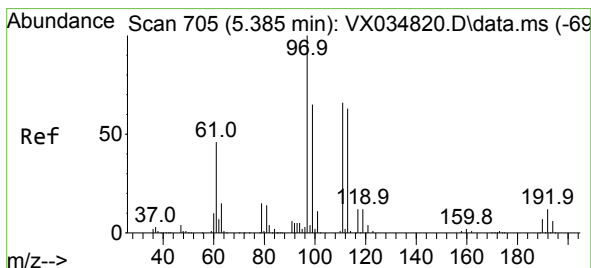
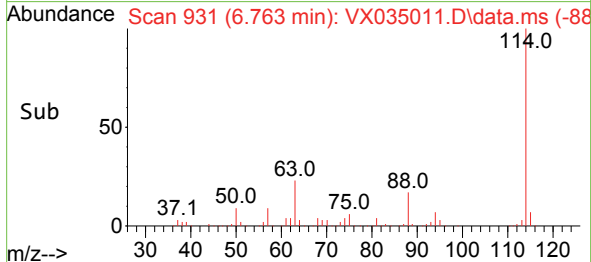
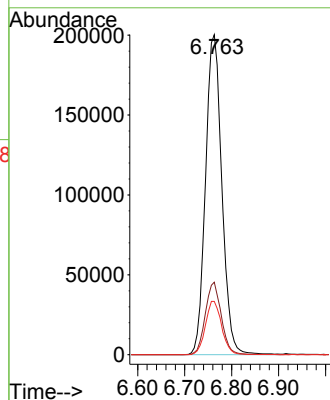
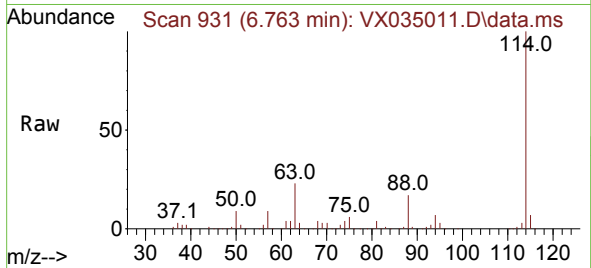




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX035011.D
Acq: 11 Apr 2023 15:57

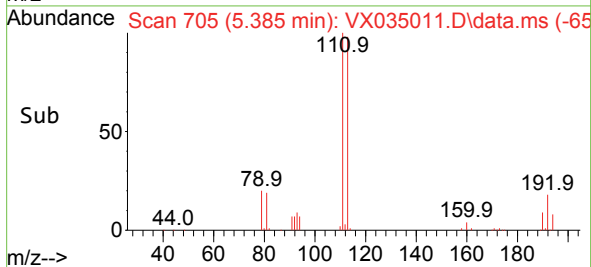
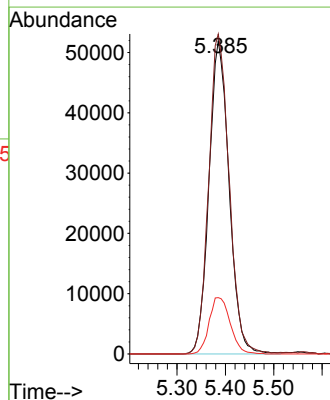
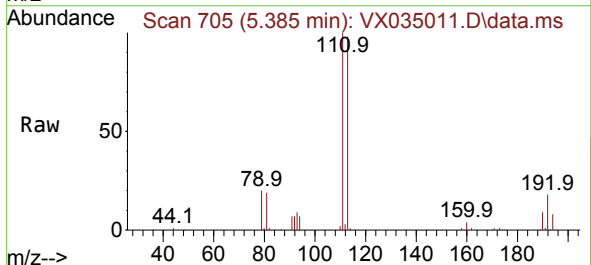
Instrument :
MSVOA_X
ClientSampleId :
MW-4-040723

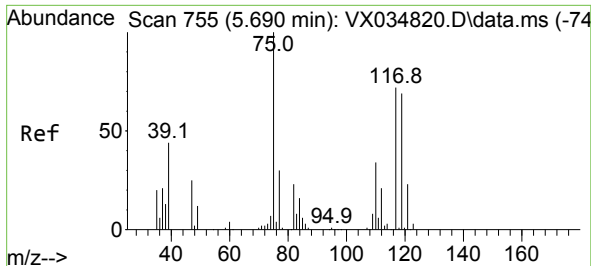
Tgt Ion:114 Resp: 482833
Ion Ratio Lower Upper
114 100
63 22.6 0.0 42.2
88 16.6 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.056 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035011.D
Acq: 11 Apr 2023 15:57

Tgt Ion:113 Resp: 150275
Ion Ratio Lower Upper
113 100
111 103.6 83.7 125.5
192 18.8 15.4 23.2

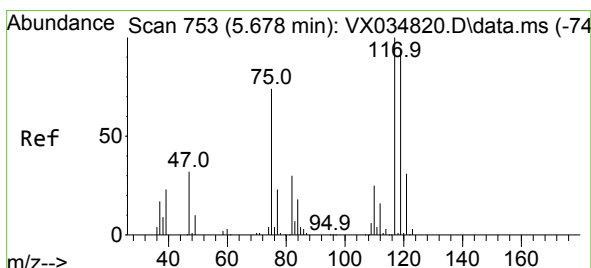
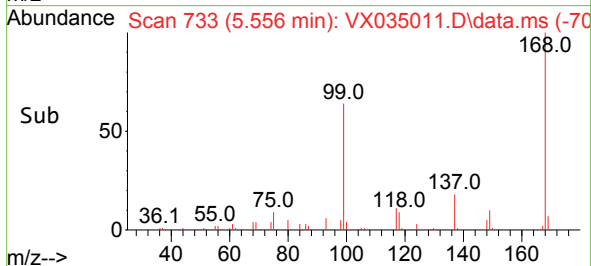
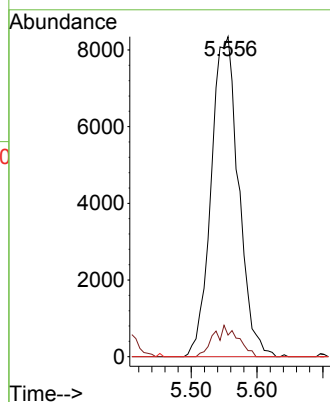
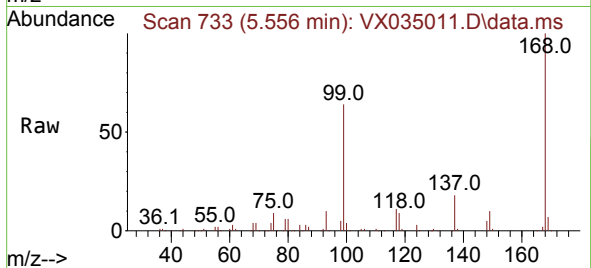




#36
 1,1-Dichloropropene
 Concen: 5.114 ug/l
 RT: 5.556 min Scan# 71
 Delta R.T. -0.134 min
 Lab File: VX035011.D
 Acq: 11 Apr 2023 15:57

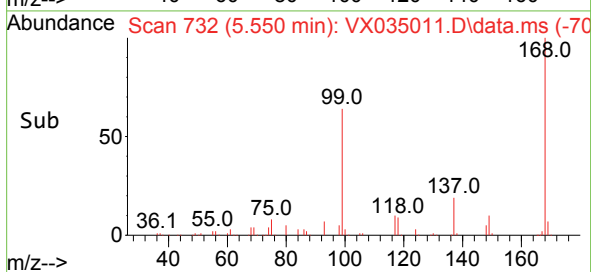
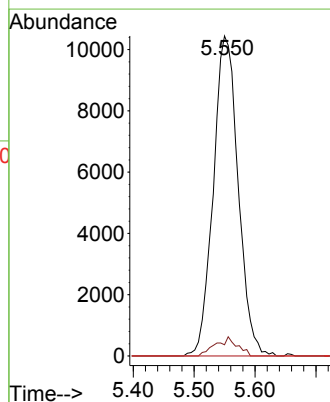
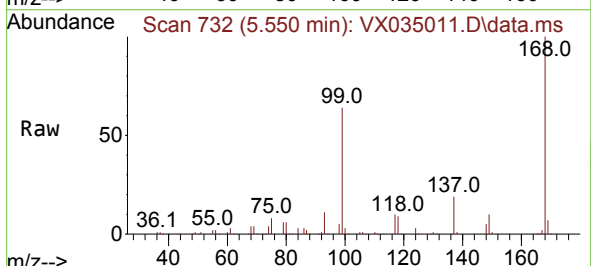
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4-040723

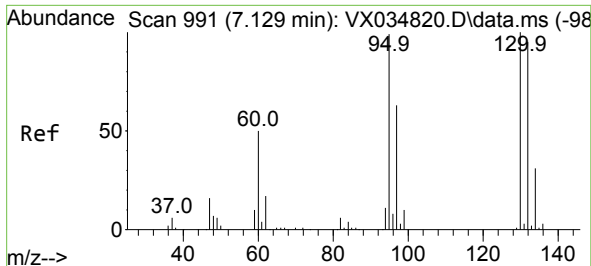
Tgt Ion: 75 Resp: 24196
 Ion Ratio Lower Upper
 75 100
 110 5.5 17.5 52.5#
 77 0.0 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 6.637 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.128 min
 Lab File: VX035011.D
 Acq: 11 Apr 2023 15:57

Tgt Ion: 117 Resp: 29606
 Ion Ratio Lower Upper
 117 100
 119 3.5 76.6 114.8#
 121 0.0 23.8 35.6#

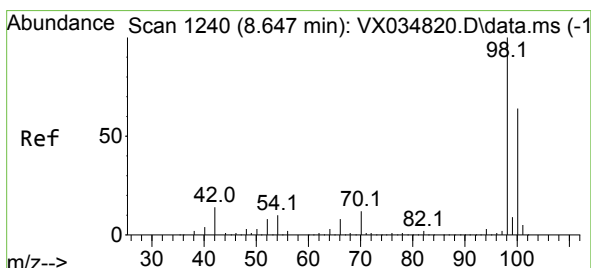
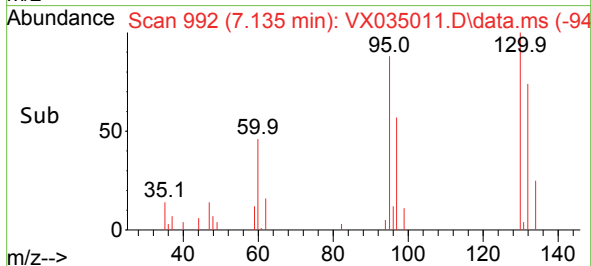
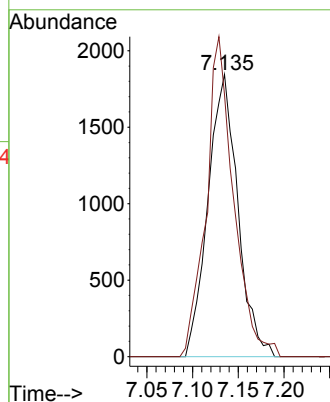
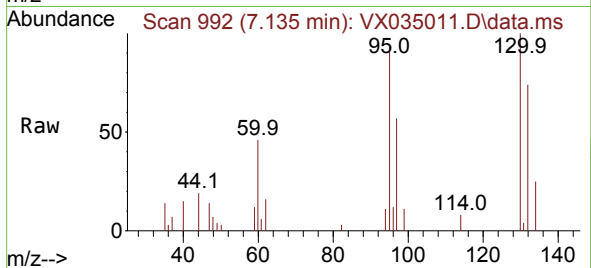




#44
 Trichloroethene
 Concen: 1.209 ug/l
 RT: 7.135 min Scan# 991
 Delta R.T. 0.006 min
 Lab File: VX035011.D
 Acq: 11 Apr 2023 15:57

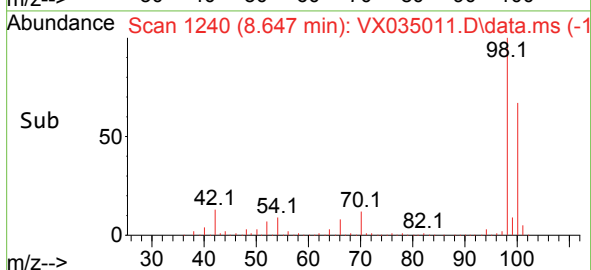
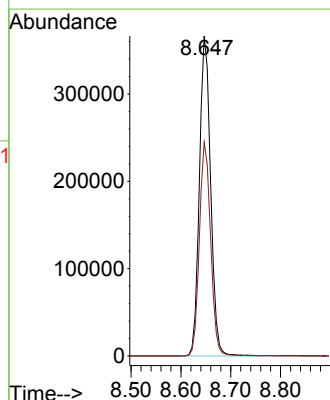
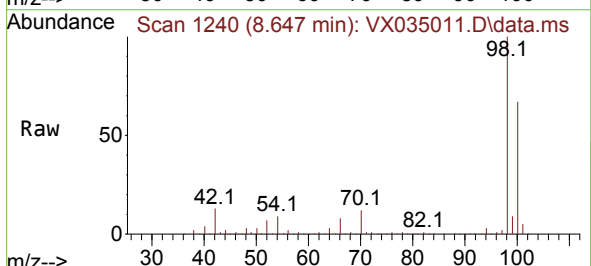
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4-040723

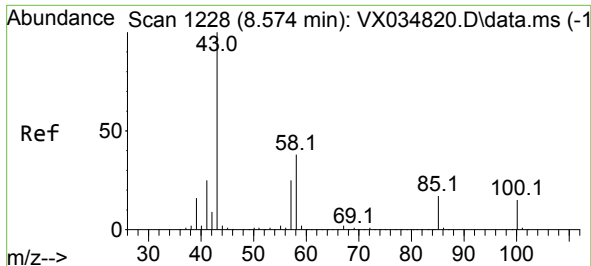
Tgt Ion:130 Resp: 4193
 Ion Ratio Lower Upper
 130 100
 95 92.8 0.0 198.4



#50
 Toluene-d8
 Concen: 48.648 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. -0.000 min
 Lab File: VX035011.D
 Acq: 11 Apr 2023 15:57

Tgt Ion: 98 Resp: 573445
 Ion Ratio Lower Upper
 98 100
 100 66.9 52.5 78.7

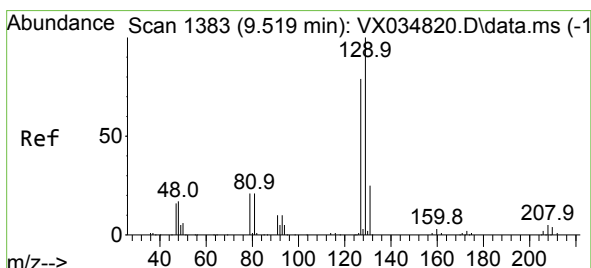
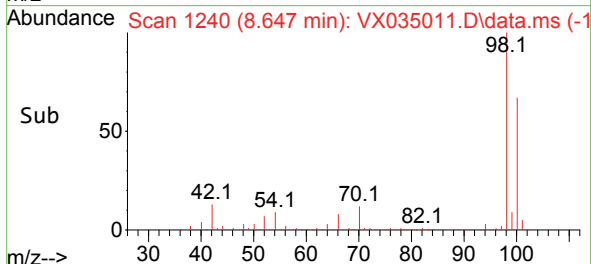
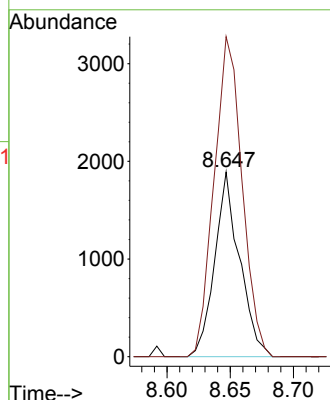
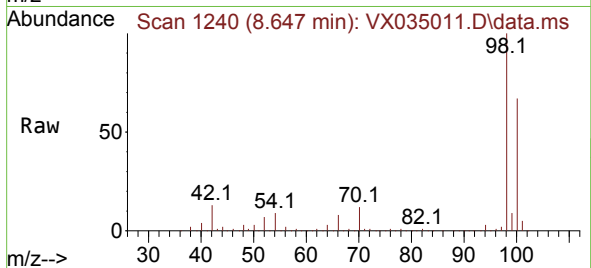




#51
4-Methyl-2-Pentanone
Concen: 0.528 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX035011.D
Acq: 11 Apr 2023 15:57

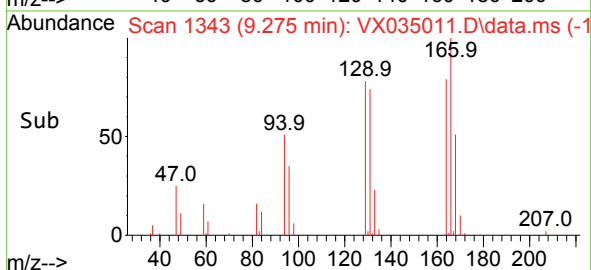
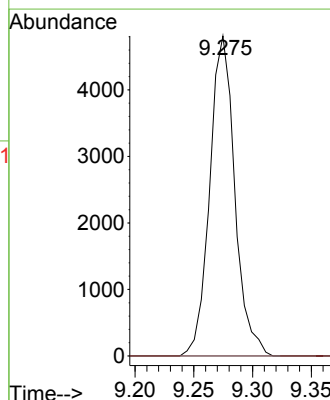
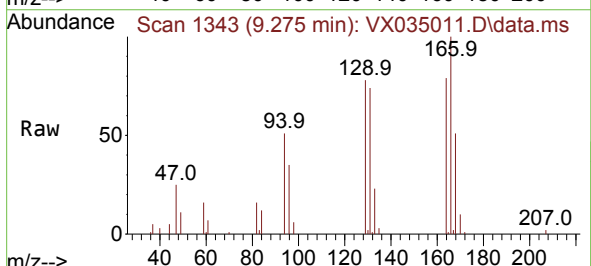
Instrument :
MSVOA_X
ClientSampleId :
MW-4-040723

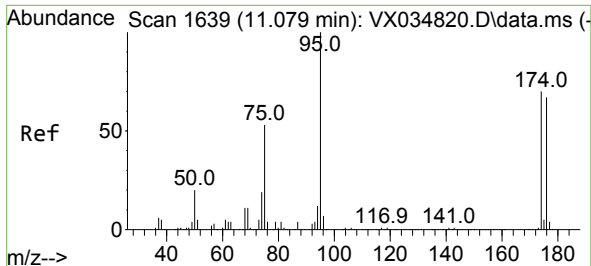
Tgt Ion: 43 Resp: 2586
Ion Ratio Lower Upper
43 100
58 195.0 30.6 46.0#



#60
Dibromochloromethane
Concen: 2.239 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX035011.D
Acq: 11 Apr 2023 15:57

Tgt Ion: 129 Resp: 7150
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#

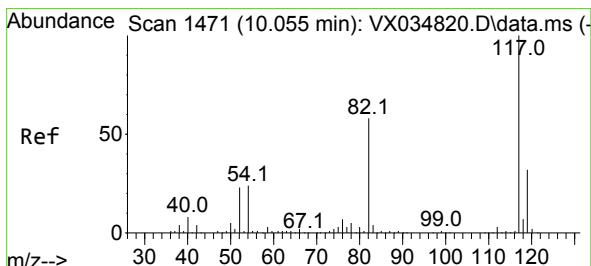
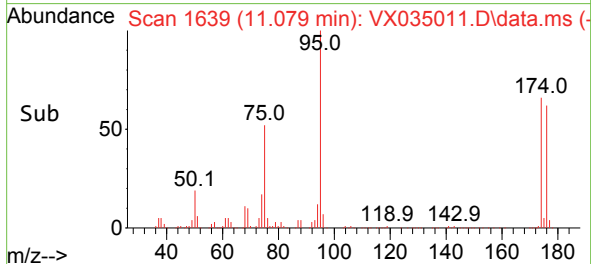
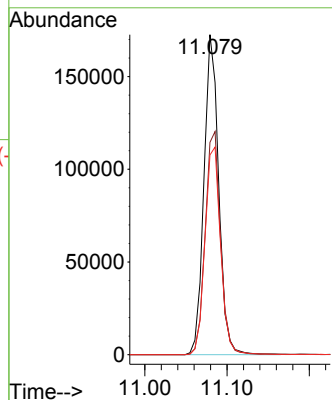
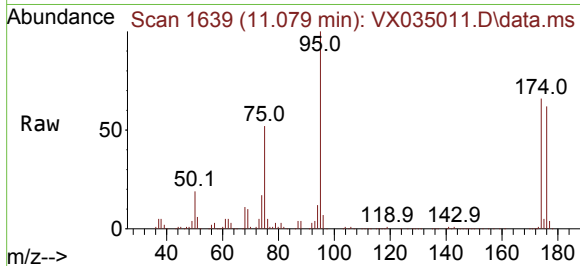




#62
4-Bromofluorobenzene
Concen: 47.118 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX035011.D
Acq: 11 Apr 2023 15:57

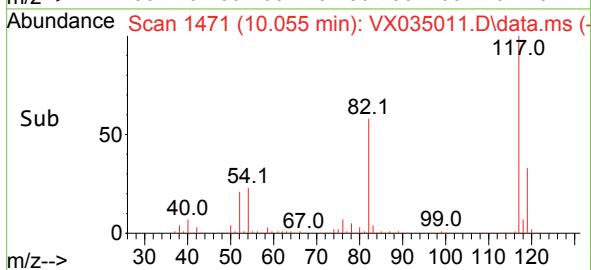
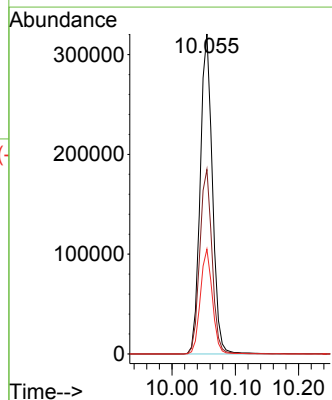
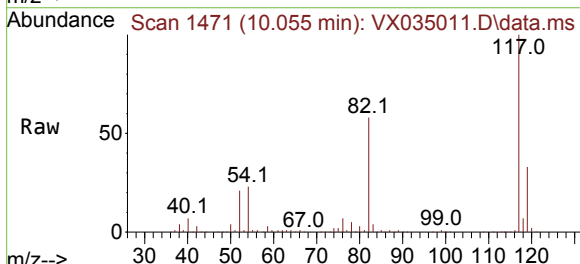
Instrument :
MSVOA_X
ClientSampleId :
MW-4-040723

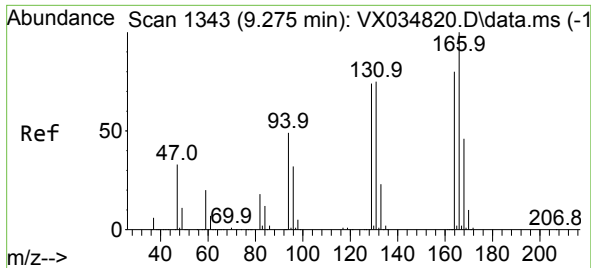
Tgt Ion: 95 Resp: 214928
Ion Ratio Lower Upper
95 100
174 72.7 0.0 147.4
176 69.1 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035011.D
Acq: 11 Apr 2023 15:57

Tgt Ion: 117 Resp: 430383
Ion Ratio Lower Upper
117 100
82 57.6 45.0 67.4
119 32.7 26.0 39.0



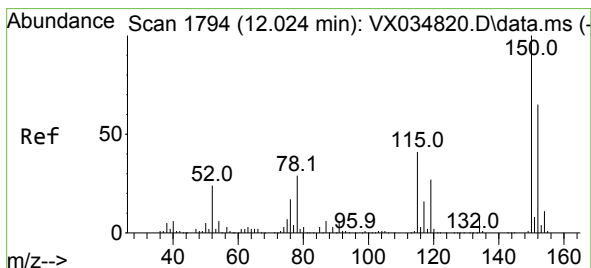
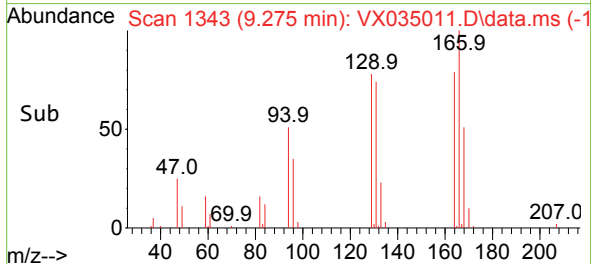
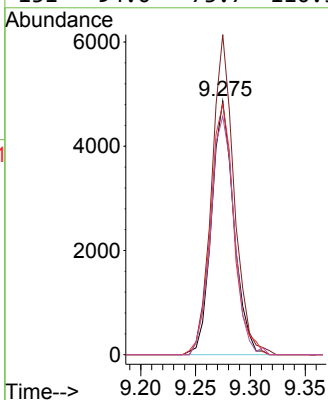
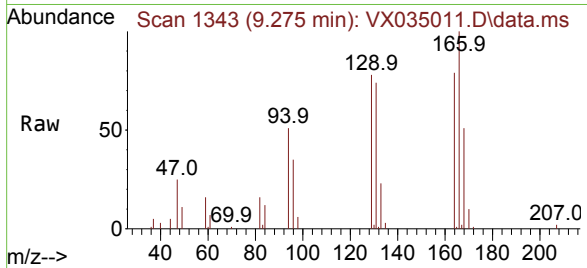


#64
Tetrachloroethene
Concen: 2.233 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035011.D
Acq: 11 Apr 2023 15:57

Instrument :
MSVOA_X
ClientSampleId :
MW-4-040723

Tgt Ion:164 Resp: 6877

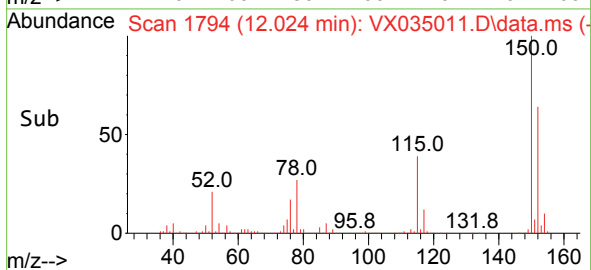
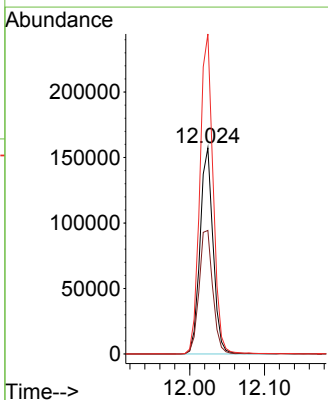
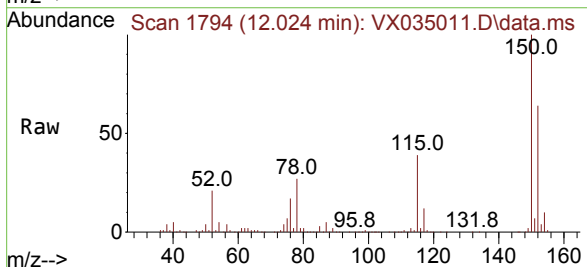
Ion	Ratio	Lower	Upper
164	100		
166	126.2	102.7	154.1
129	98.8	75.6	113.4
131	94.0	73.7	110.5

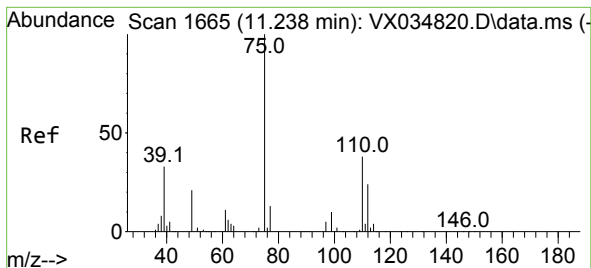


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035011.D
Acq: 11 Apr 2023 15:57

Tgt Ion:152 Resp: 191290

Ion	Ratio	Lower	Upper
152	100		
115	63.3	45.0	135.0
150	157.5	0.0	352.4





#76

1,2,3-Trichloropropane

Concen: 29.057 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX035011.D

Acq: 11 Apr 2023 15:57

Instrument :

MSVOA_X

ClientSampleId :

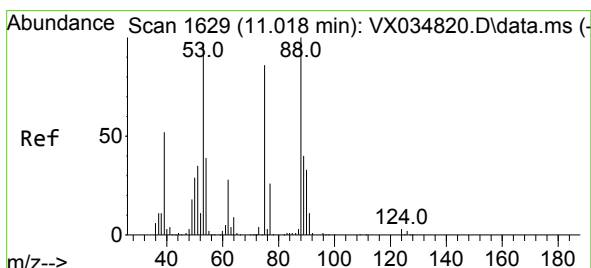
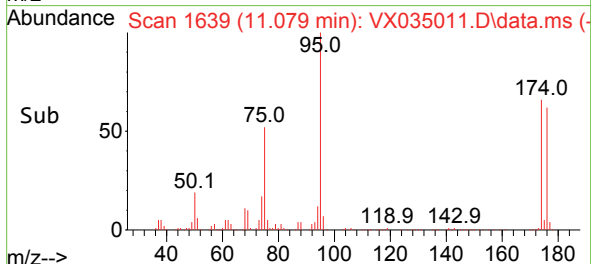
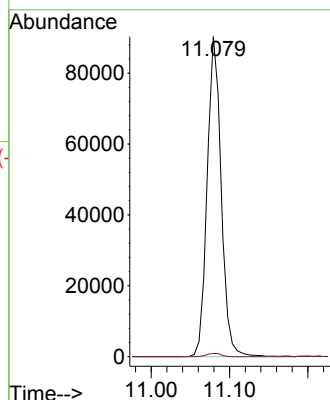
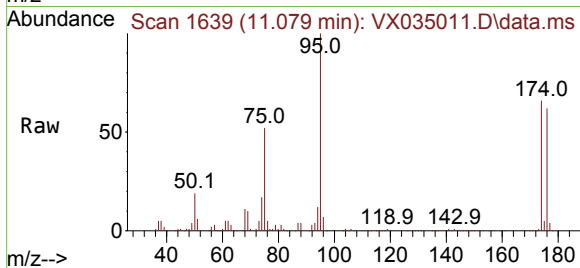
MW-4-040723

Tgt Ion: 75 Resp: 111997

Ion Ratio Lower Upper

75 100

77 1.1 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 87.083 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX035011.D

Acq: 11 Apr 2023 15:57

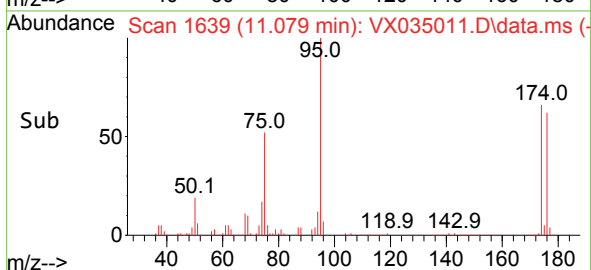
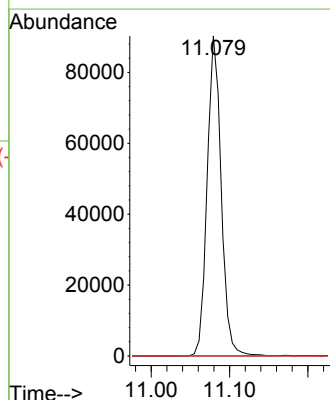
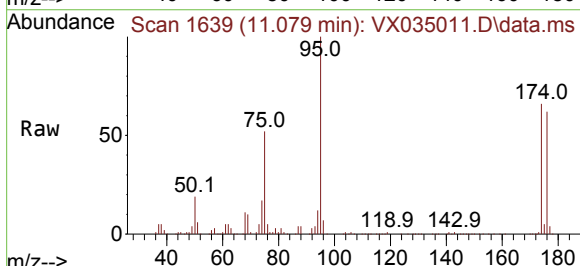
Tgt Ion: 75 Resp: 111997

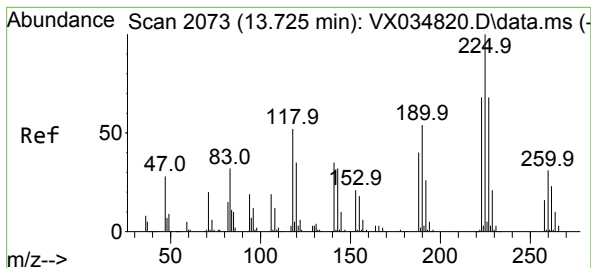
Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 36.9 55.3#





#94

Hexachlorobutadiene

Concen: 0.427 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX035011.D

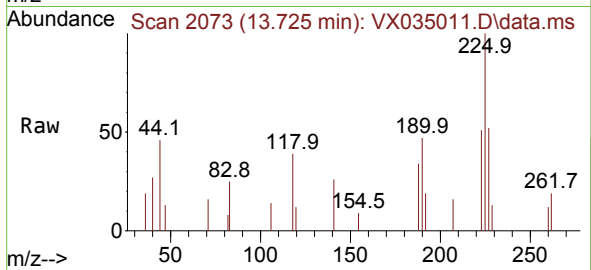
Acq: 11 Apr 2023 15:57

Instrument :

MSVOA_X

ClientSampleId :

MW-4-040723



Tgt Ion:225 Resp: 672

Ion Ratio Lower Upper

225 100

223 65.6 32.1 96.5

227 61.3 31.8 95.4

