

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041223\
 Data File : VX035024.D
 Acq On : 11 Apr 2023 20:59
 Operator : JC/MD
 Sample : 02272-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-8-040623

Quant Time: Apr 12 05:56:03 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)

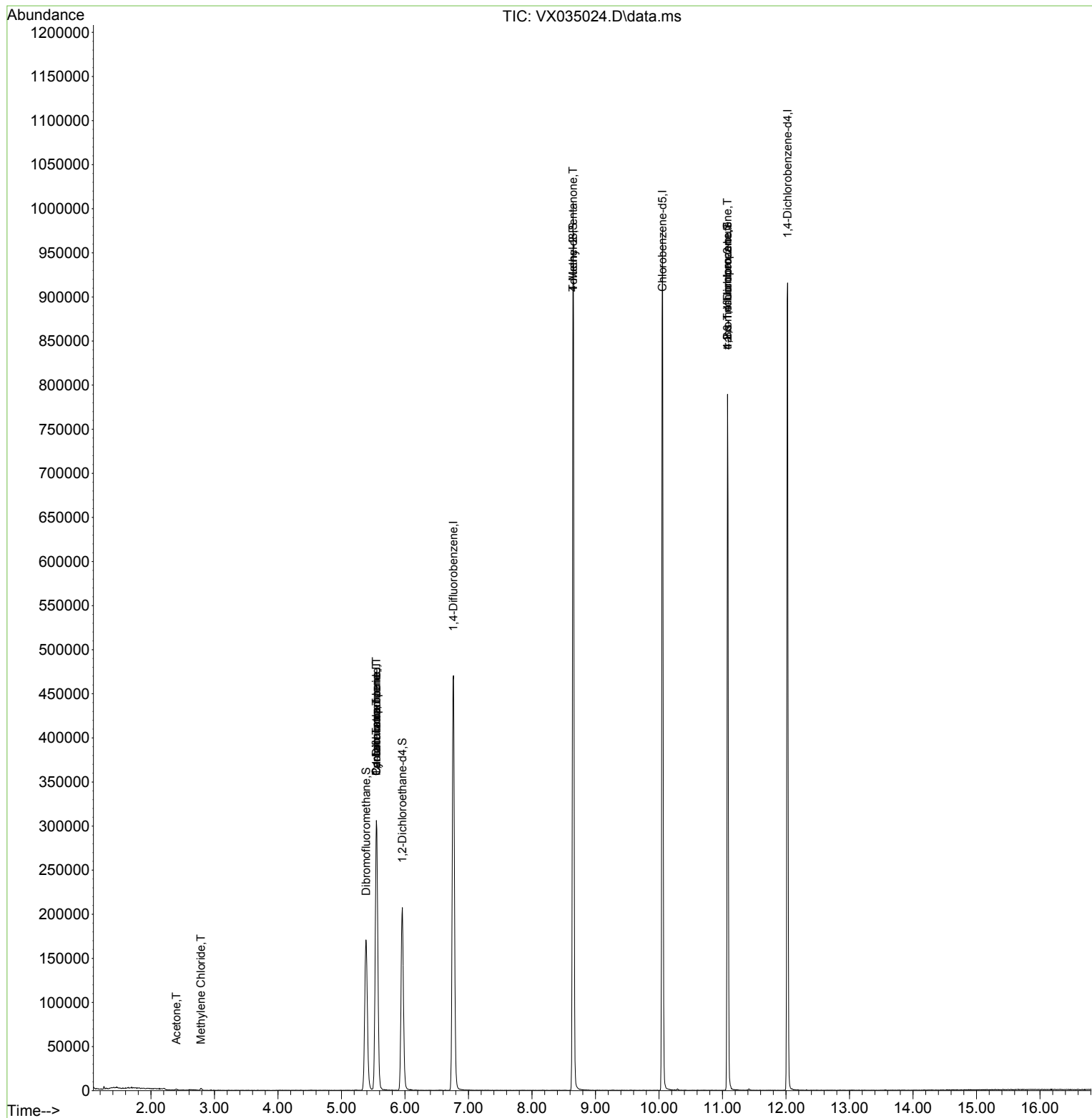
Internal Standards						
1) Pentafluorobenzene	5.550	168	276660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	476437	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	430557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	186926	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	203533	48.104	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.200%
35) Dibromofluoromethane	5.385	113	151005	47.919	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.840%
50) Toluene-d8	8.647	98	569067	48.925	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.840%
62) 4-Bromofluorobenzene	11.079	95	215101	47.789	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.580%
Target Compounds						
					Qvalue	
16) Acetone	2.398	43	1688	0.982	ug/l #	71
20) Methylene Chloride	2.788	84	1016	0.300	ug/l #	87
31) Cyclohexane	5.550	56	6597	1.280	ug/l #	8
36) 1,1-Dichloropropene	5.550	75	23710	5.079	ug/l #	51
38) Carbon Tetrachloride	5.550	117	29621	6.730	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	2649	0.548	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	110713	29.395	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	110713	88.094	ug/l #	8

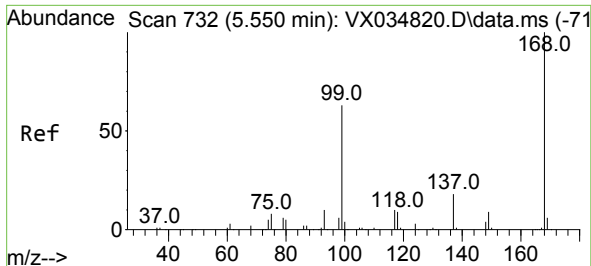
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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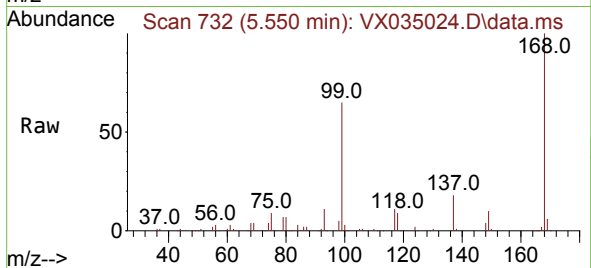
Quant Time: Apr 12 05:56:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
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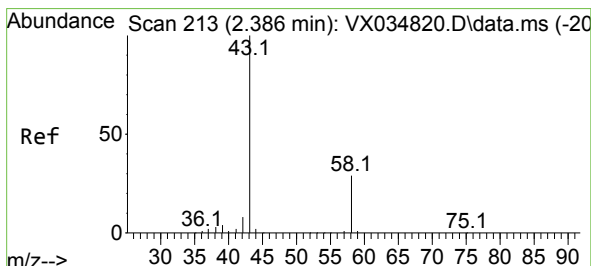
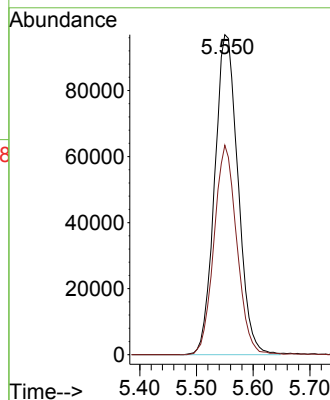
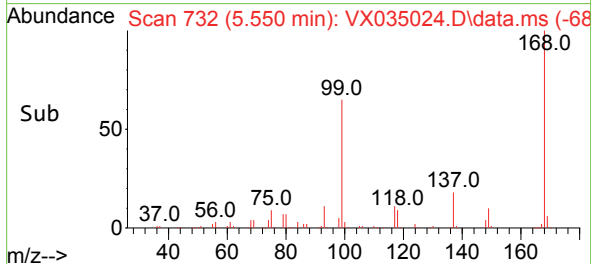


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035024.D
Acq: 11 Apr 2023 20:59

Instrument :
MSVOA_X
ClientSampleId :
MW-8-040623

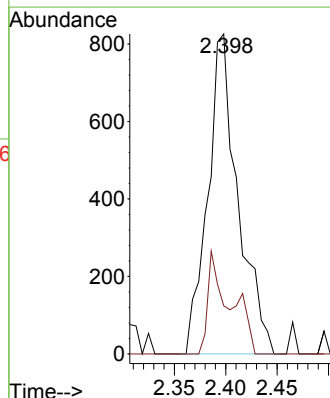
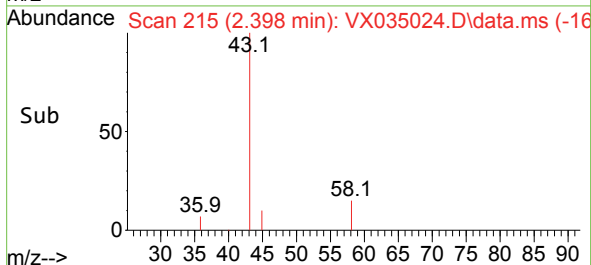
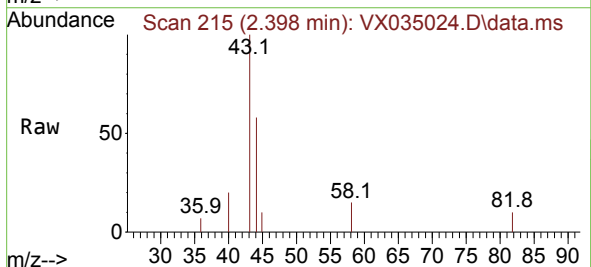


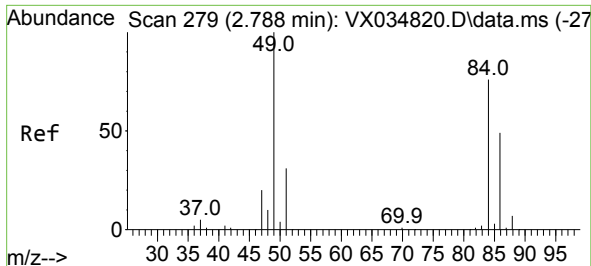
Tgt Ion:168 Resp: 276660
Ion Ratio Lower Upper
168 100
99 65.5 45.7 68.5



#16
Acetone
Concen: 0.982 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX035024.D
Acq: 11 Apr 2023 20:59

Tgt Ion: 43 Resp: 1688
Ion Ratio Lower Upper
43 100
58 15.0 24.7 37.1#

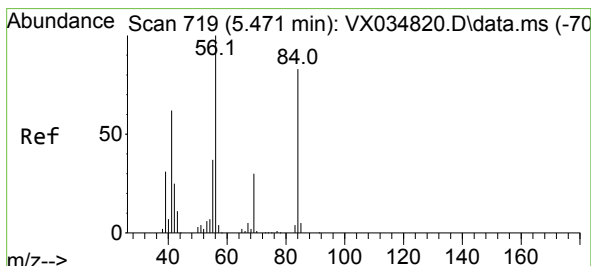
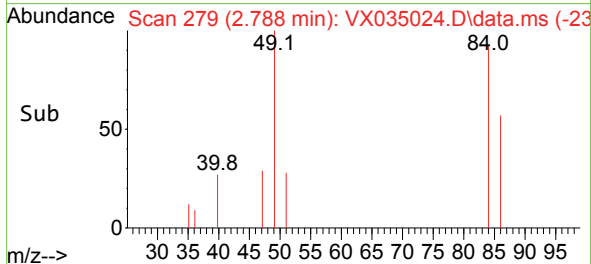
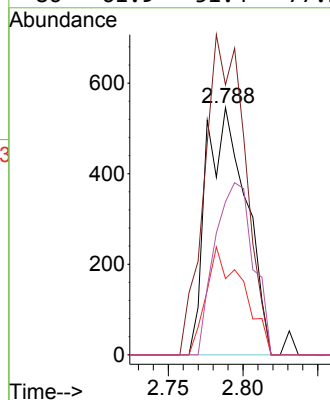
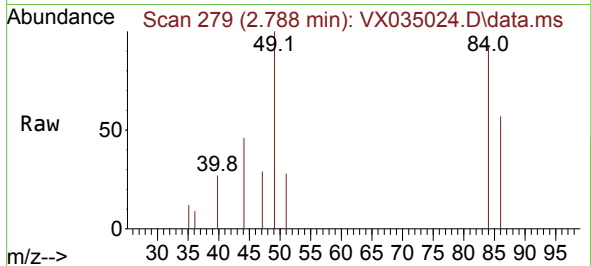




#20
Methylene Chloride
Concen: 0.300 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX035024.D
Acq: 11 Apr 2023 20:59

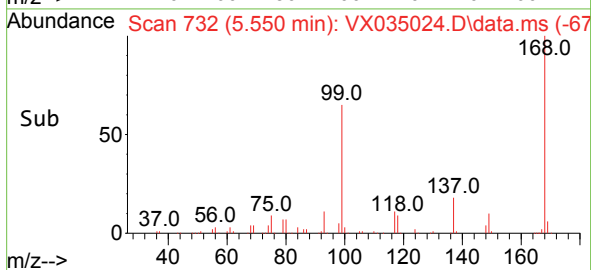
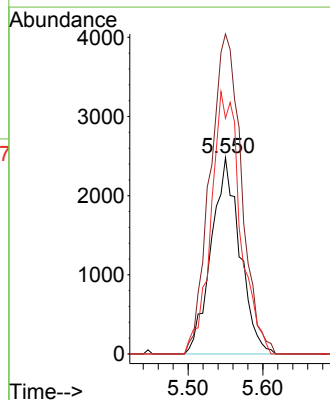
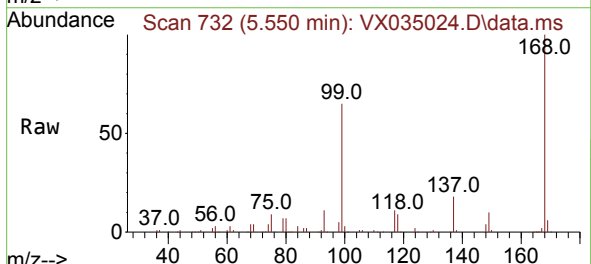
Instrument :
MSVOA_X
ClientSampleId :
MW-8-040623

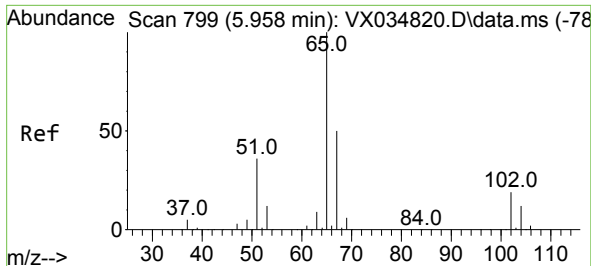
Tgt Ion:	84	Resp:	1016
Ion	Ratio	Lower	Upper
84	100		
49	109.2	103.8	155.8
51	30.8	31.8	47.8#
86	61.9	51.4	77.2



#31
Cyclohexane
Concen: 1.280 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX035024.D
Acq: 11 Apr 2023 20:59

Tgt Ion:	56	Resp:	6597
Ion	Ratio	Lower	Upper
56	100		
69	163.1	23.7	35.5#
84	120.1	68.5	102.7#

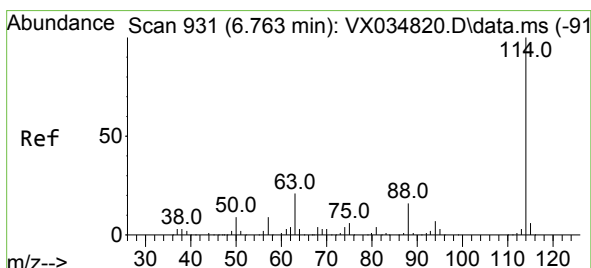
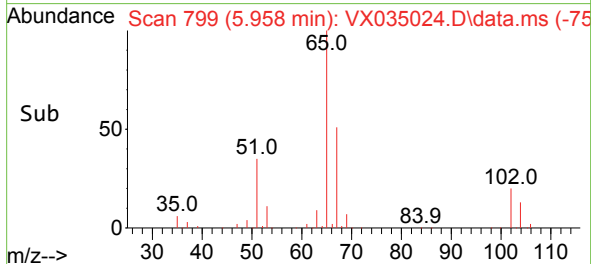
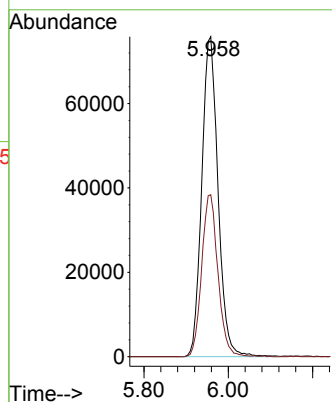
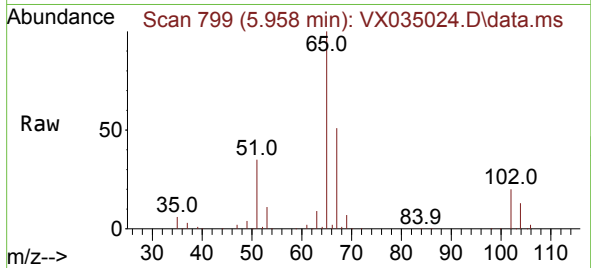




#33
 1,2-Dichloroethane-d4
 Concen: 48.104 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX035024.D
 Acq: 11 Apr 2023 20:59

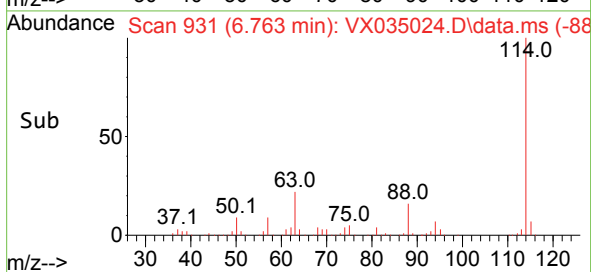
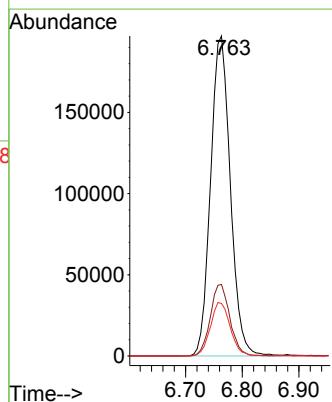
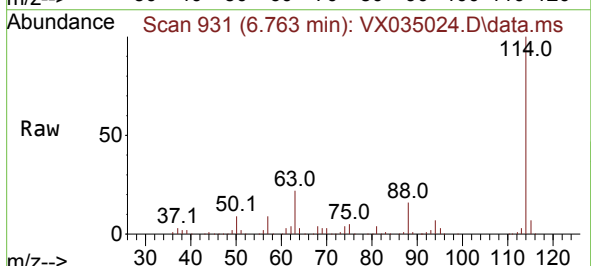
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-8-040623

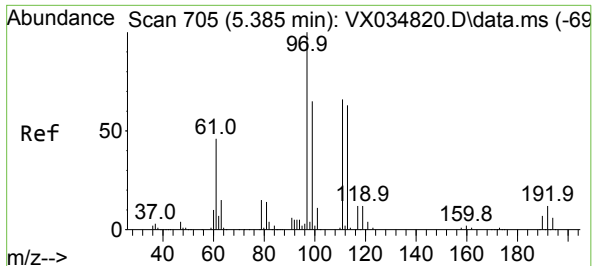
Tgt Ion: 65 Resp: 203533
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX035024.D
 Acq: 11 Apr 2023 20:59

Tgt Ion: 114 Resp: 476437
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 42.2
 88 16.4 0.0 33.2

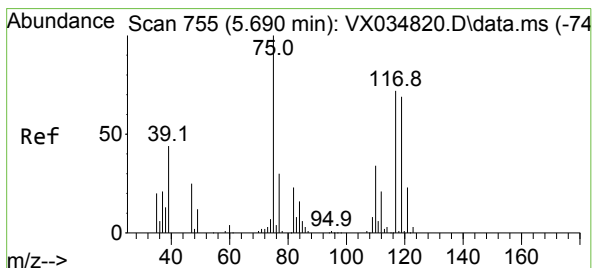
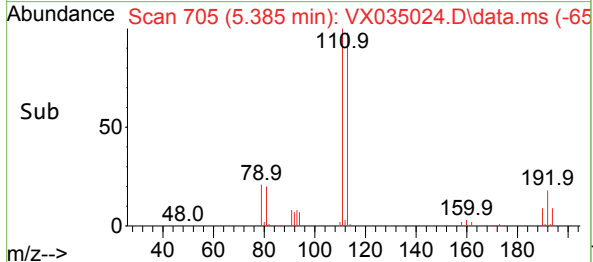
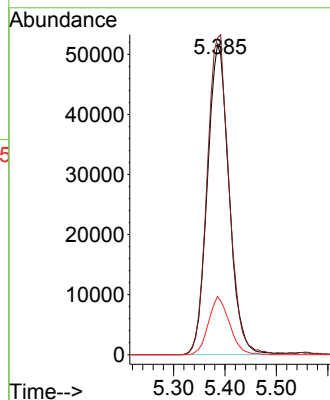
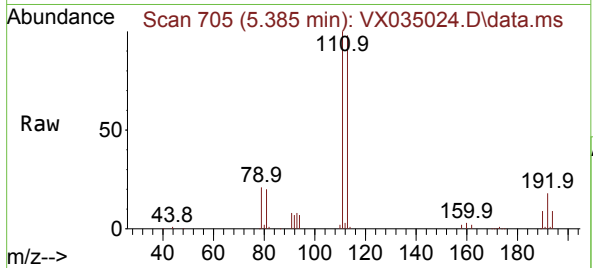




#35
Dibromofluoromethane
Concen: 47.919 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035024.D
Acq: 11 Apr 2023 20:59

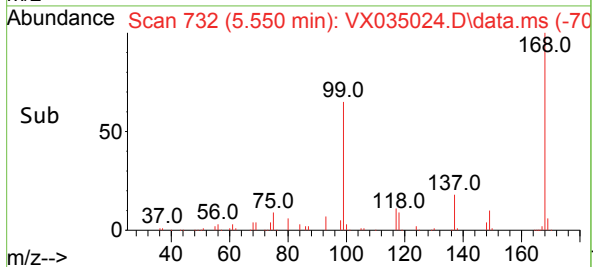
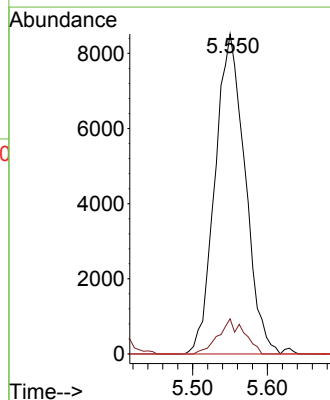
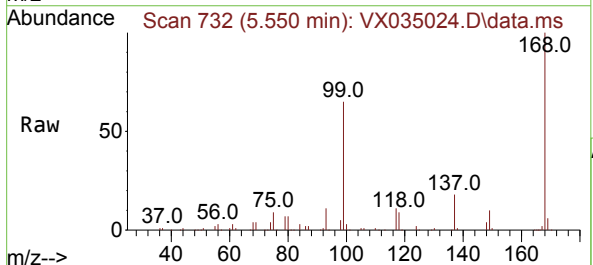
Instrument :
MSVOA_X
ClientSampleId :
MW-8-040623

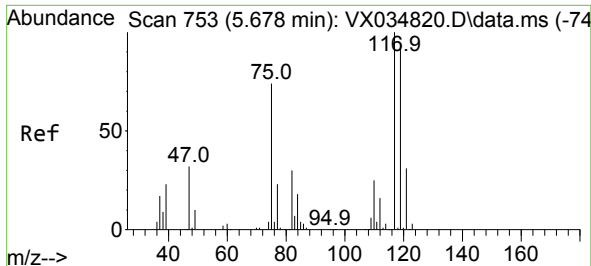
Tgt Ion:113 Resp: 151005
Ion Ratio Lower Upper
113 100
111 104.0 83.7 125.5
192 18.1 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.079 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX035024.D
Acq: 11 Apr 2023 20:59

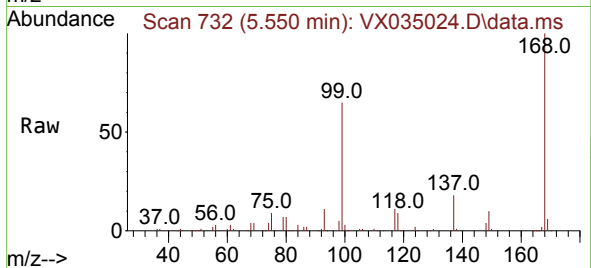
Tgt Ion: 75 Resp: 23710
Ion Ratio Lower Upper
75 100
110 9.5 17.5 52.5#
77 0.0 24.3 36.5#



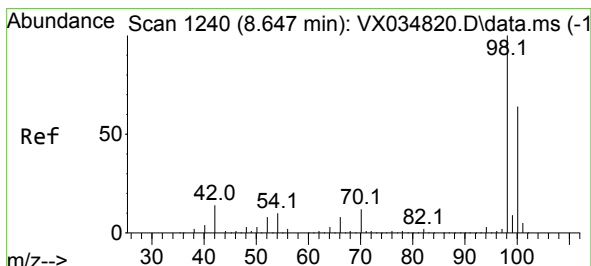
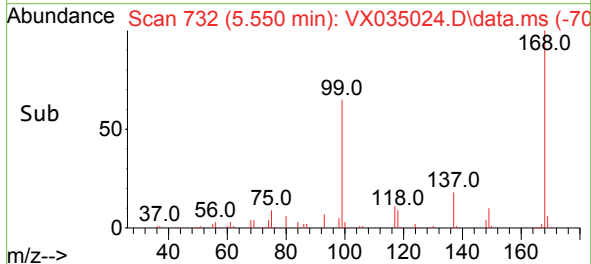
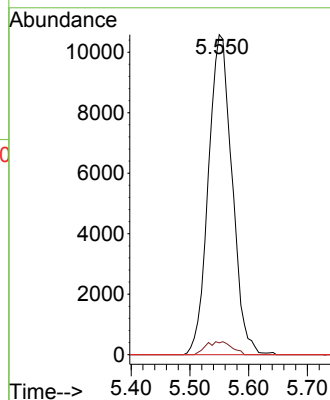


#38
Carbon Tetrachloride
Concen: 6.730 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX035024.D
Acq: 11 Apr 2023 20:59

Instrument :
MSVOA_X
ClientSampleId :
MW-8-040623

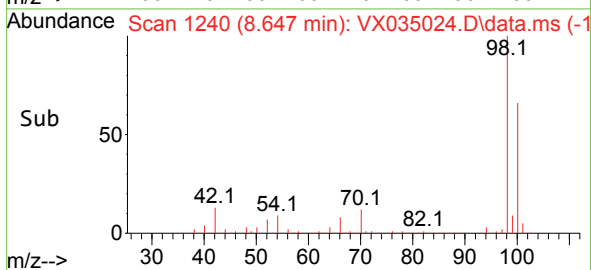
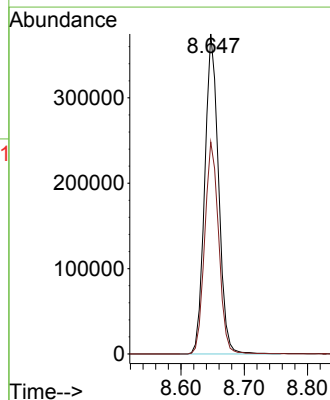
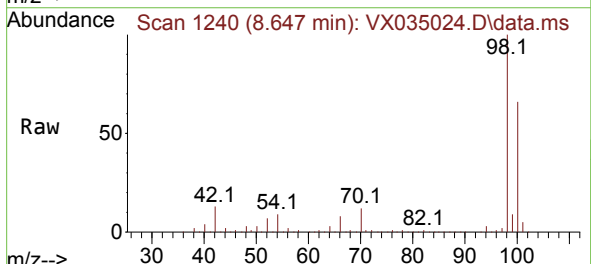


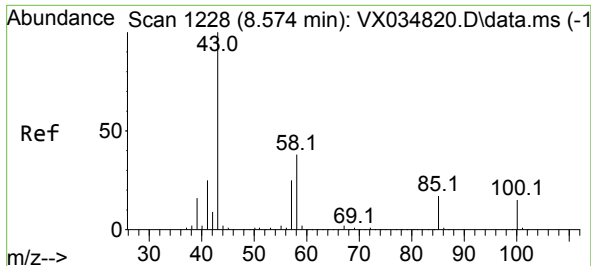
Tgt Ion:117 Resp: 29621
Ion Ratio Lower Upper
117 100
119 3.7 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 48.925 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX035024.D
Acq: 11 Apr 2023 20:59

Tgt Ion: 98 Resp: 569067
Ion Ratio Lower Upper
98 100
100 67.2 52.5 78.7

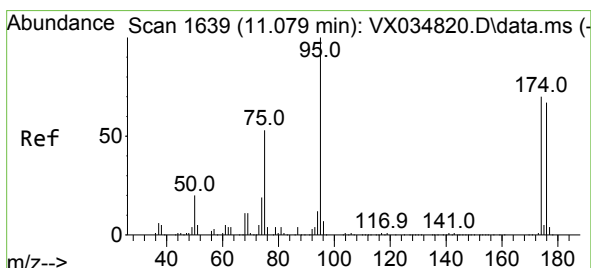
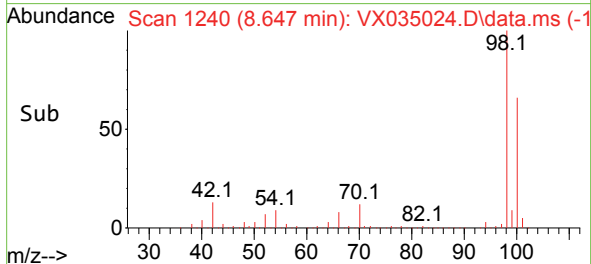
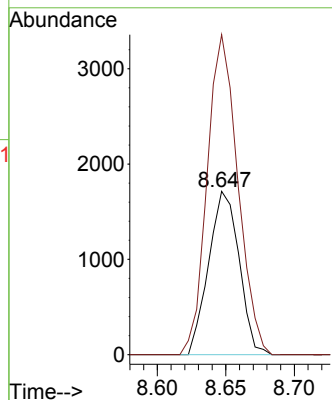
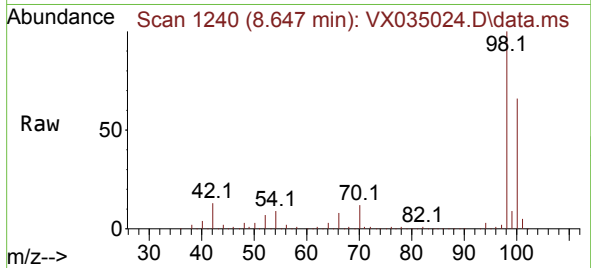




#51
4-Methyl-2-Pentanone
Concen: 0.548 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX035024.D
Acq: 11 Apr 2023 20:59

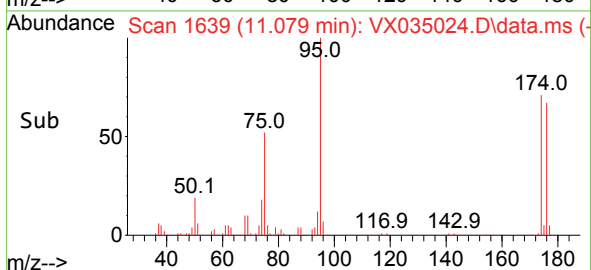
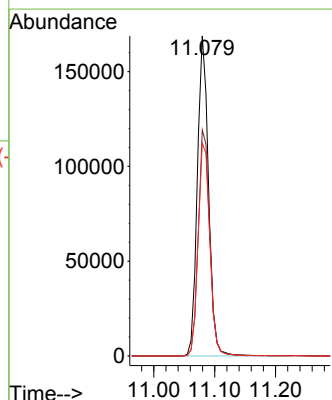
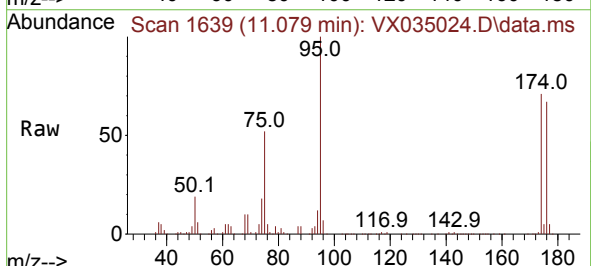
Instrument :
MSVOA_X
ClientSampleId :
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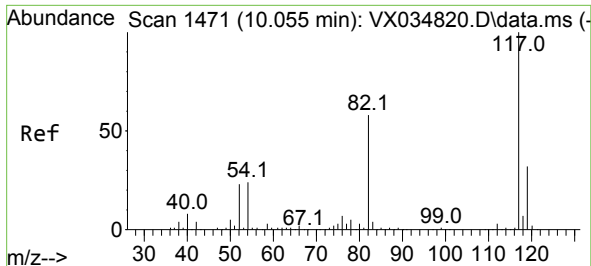
Tgt Ion: 43 Resp: 2649
Ion Ratio Lower Upper
43 100
58 197.7 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 47.789 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035024.D
Acq: 11 Apr 2023 20:59

Tgt Ion: 95 Resp: 215101
Ion Ratio Lower Upper
95 100
174 72.4 0.0 147.4
176 69.6 0.0 140.6

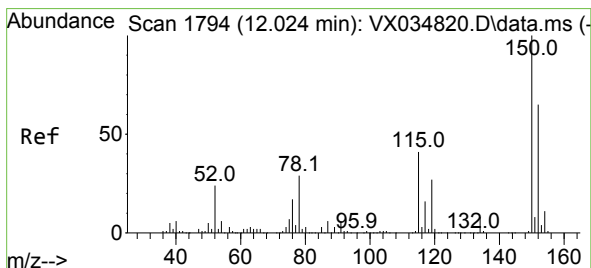
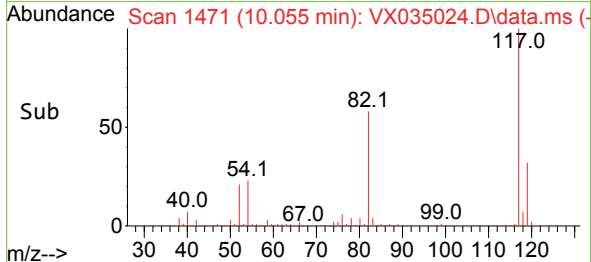
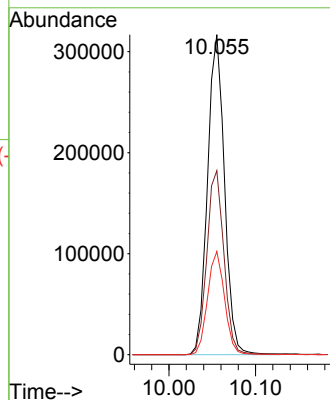
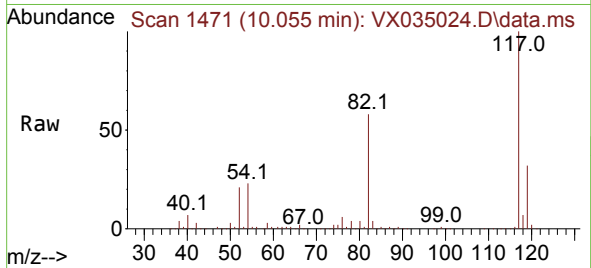




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035024.D
Acq: 11 Apr 2023 20:59

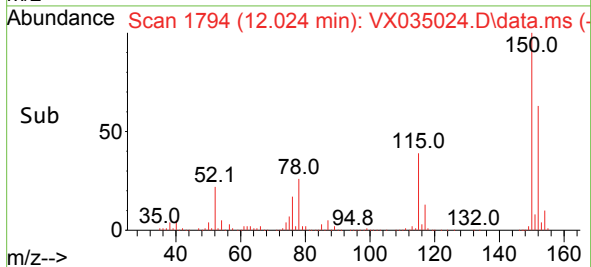
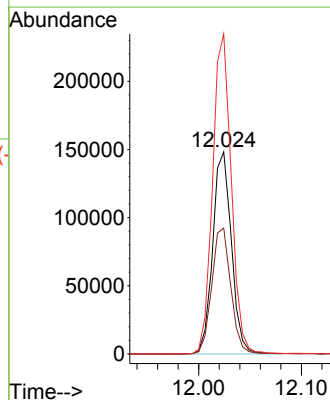
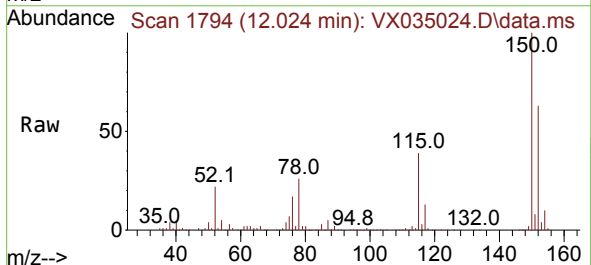
Instrument :
MSVOA_X
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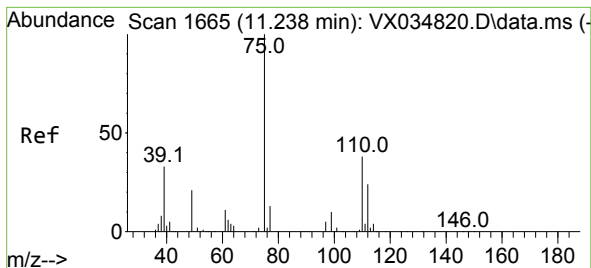
Tgt Ion:117 Resp: 430557
Ion Ratio Lower Upper
117 100
82 57.5 45.0 67.4
119 32.3 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035024.D
Acq: 11 Apr 2023 20:59

Tgt Ion:152 Resp: 186926
Ion Ratio Lower Upper
152 100
115 63.8 45.0 135.0
150 158.0 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 29.395 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX035024.D

Acq: 11 Apr 2023 20:59

Instrument :

MSVOA_X

ClientSampleId :

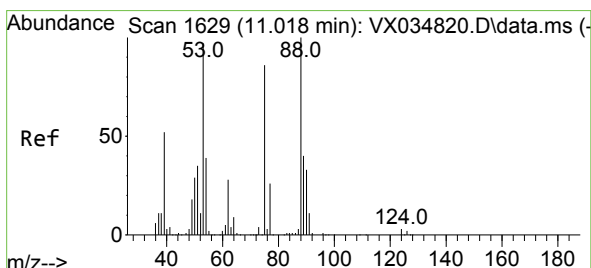
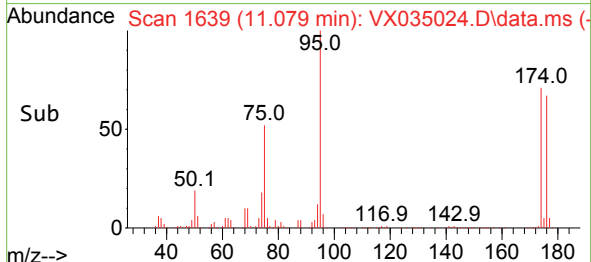
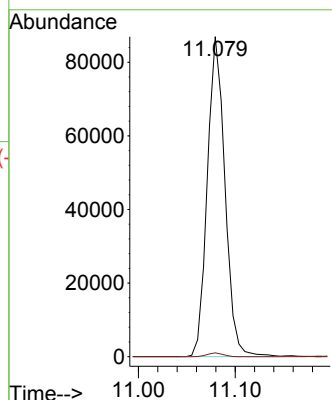
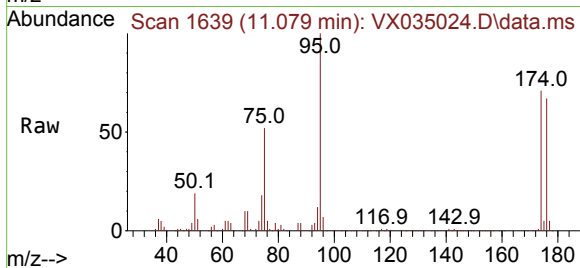
MW-8-040623

Tgt Ion: 75 Resp: 110713

Ion Ratio Lower Upper

75 100

77 1.1 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 88.094 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX035024.D

Acq: 11 Apr 2023 20:59

Tgt Ion: 75 Resp: 110713

Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.1 36.9 55.3#

