

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041223\
 Data File : VX035021.D
 Acq On : 11 Apr 2023 19:49
 Operator : JC/MD
 Sample : 02272-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3-040623

Quant Time: Apr 12 05:54:57 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)

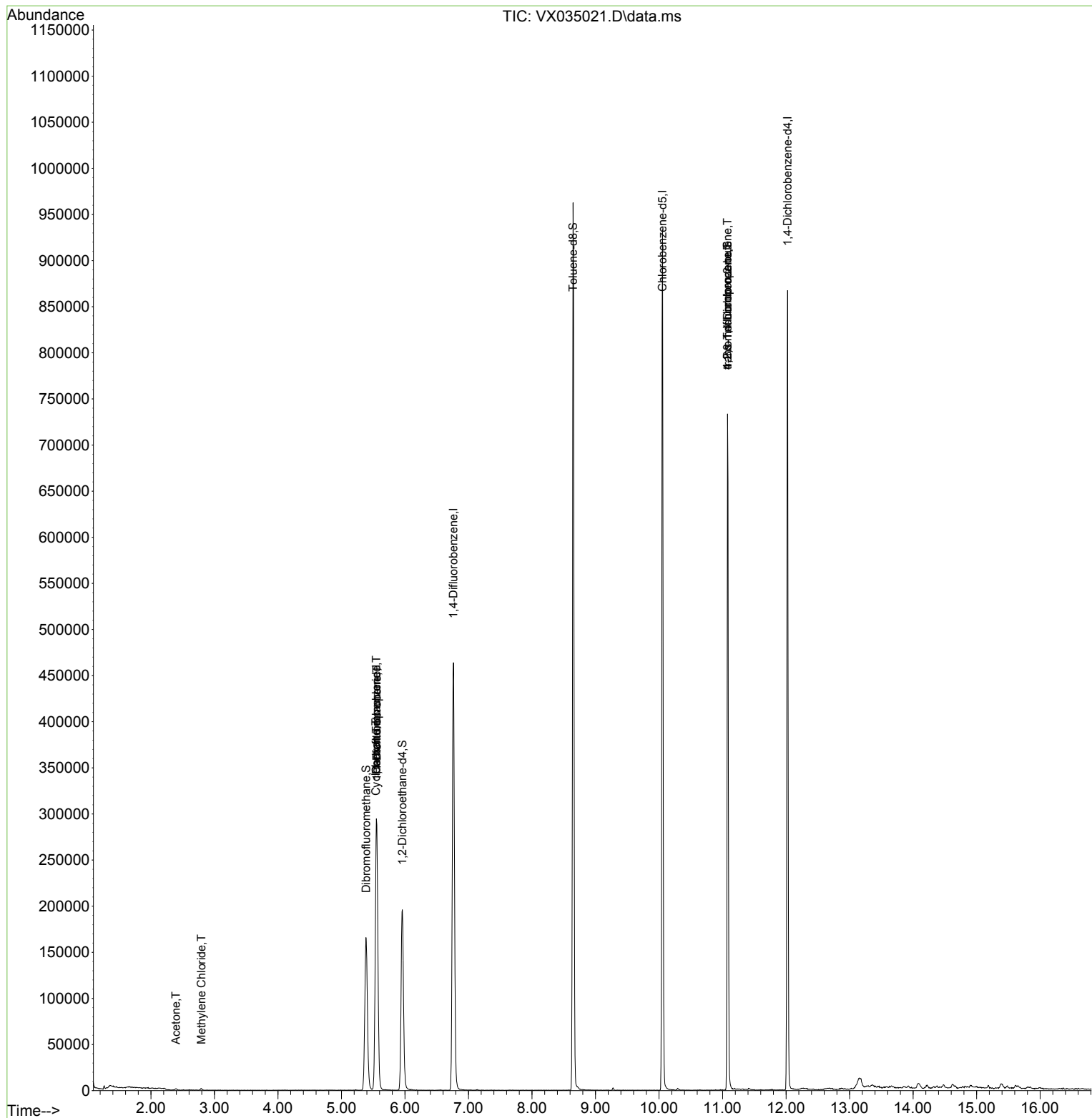
Internal Standards						
1) Pentafluorobenzene	5.549	168	270414	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	466690	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	410636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	174086	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	191076	46.203	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.400%
35) Dibromofluoromethane	5.385	113	143656	46.539	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.080%
50) Toluene-d8	8.646	98	554896	48.703	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.400%
62) 4-Bromofluorobenzene	11.079	95	201103	45.612	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.220%
Target Compounds						
					Qvalue	
16) Acetone	2.391	43	1695	1.009	ug/l #	81
20) Methylene Chloride	2.794	84	809	0.244	ug/l #	89
31) Cyclohexane	5.543	56	6047	1.201	ug/l #	16
36) 1,1-Dichloropropene	5.556	75	23153	5.063	ug/l #	50
38) Carbon Tetrachloride	5.549	117	28569	6.626	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	105031	29.943	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	105031	89.737	ug/l #	8

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

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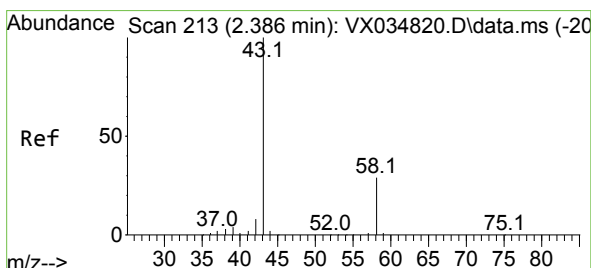
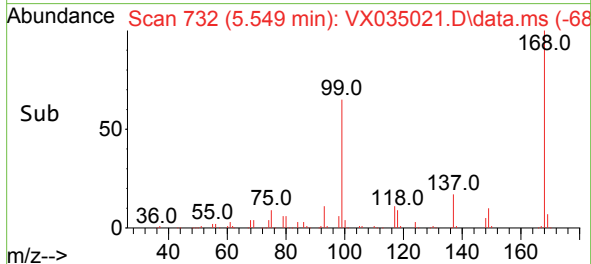
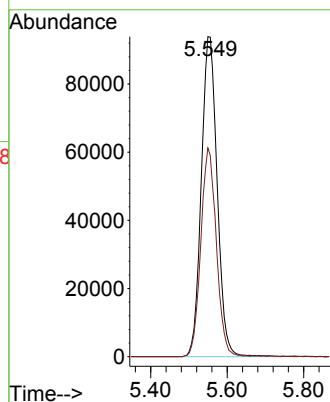
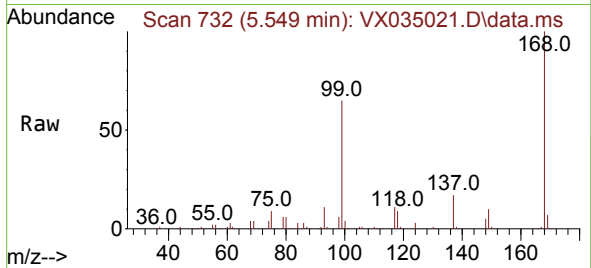




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX035021.D
Acq: 11 Apr 2023 19:49

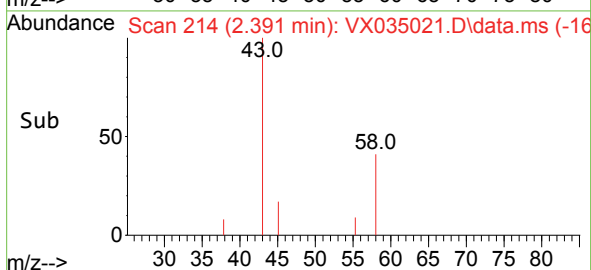
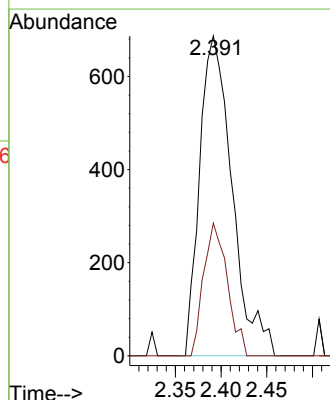
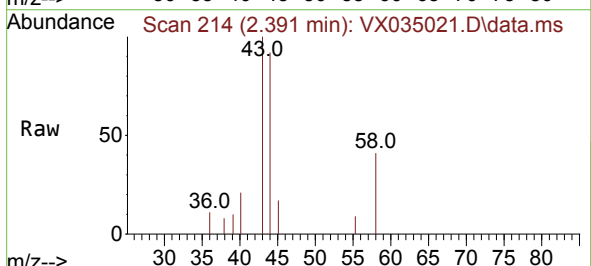
Instrument :
MSVOA_X
ClientSampleId :
MW-3-040623

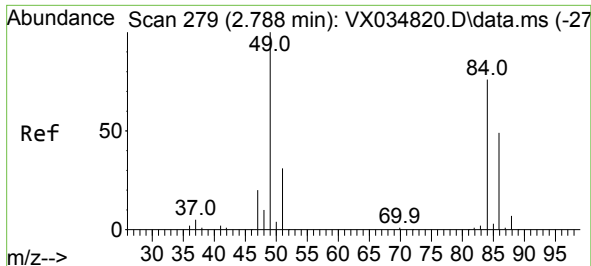
Tgt Ion:168 Resp: 270414
Ion Ratio Lower Upper
168 100
99 65.2 45.7 68.5



#16
Acetone
Concen: 1.009 ug/l
RT: 2.391 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX035021.D
Acq: 11 Apr 2023 19:49

Tgt Ion: 43 Resp: 1695
Ion Ratio Lower Upper
43 100
58 41.5 24.7 37.1#

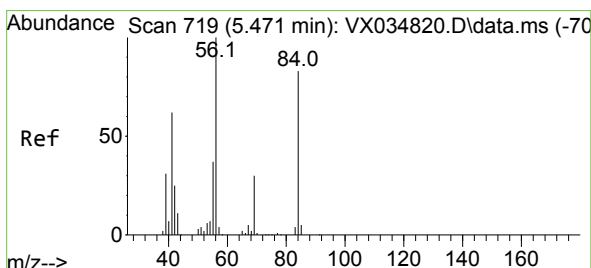
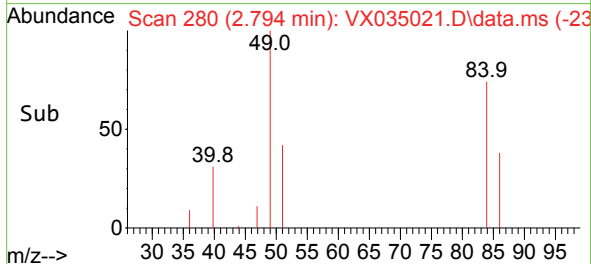
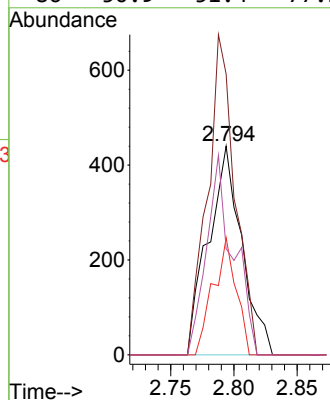
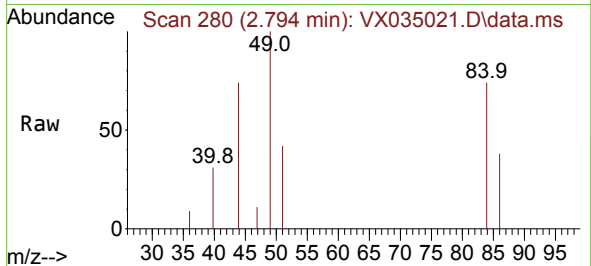




#20
Methylene Chloride
Concen: 0.244 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX035021.D
Acq: 11 Apr 2023 19:49

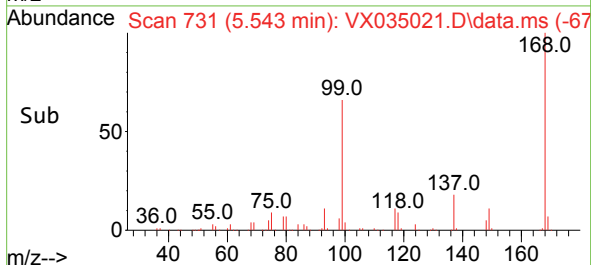
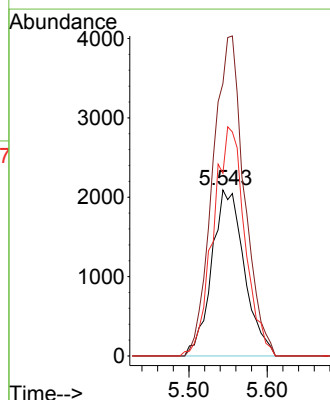
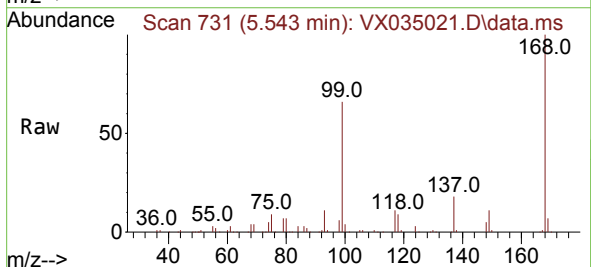
Instrument :
MSVOA_X
ClientSampleId :
MW-3-040623

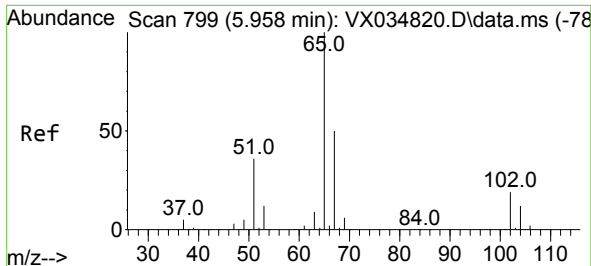
Tgt Ion:	84	Resp:	809
Ion	Ratio	Lower	Upper
84	100		
49	134.5	103.8	155.8
51	56.1	31.8	47.8#
86	50.9	51.4	77.2#



#31
Cyclohexane
Concen: 1.201 ug/l
RT: 5.543 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX035021.D
Acq: 11 Apr 2023 19:49

Tgt Ion:	56	Resp:	6047
Ion	Ratio	Lower	Upper
56	100		
69	164.3	23.7	35.5#
84	110.1	68.5	102.7#





#33

1,2-Dichloroethane-d4

Concen: 46.203 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX035021.D

Acq: 11 Apr 2023 19:49

Instrument :

MSVOA_X

ClientSampleId :

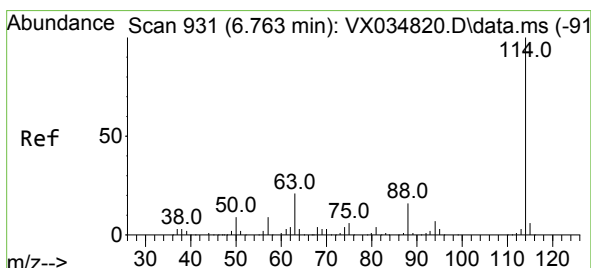
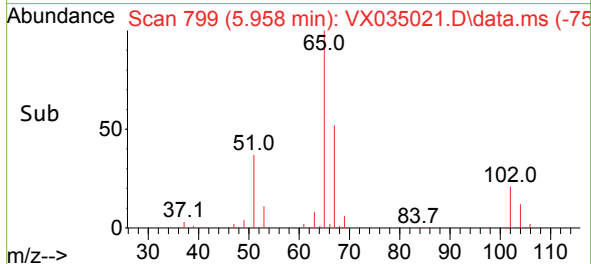
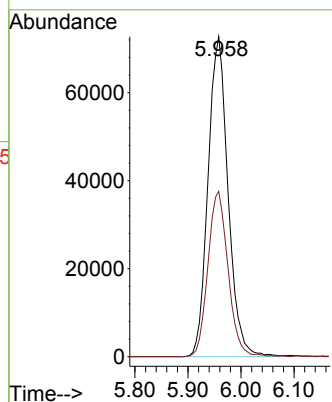
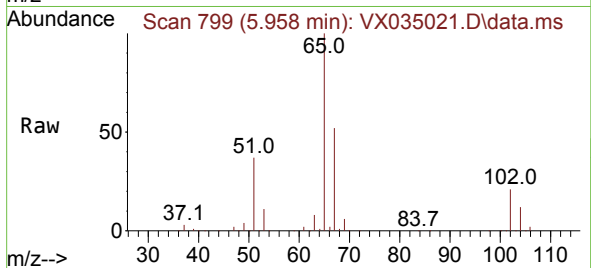
MW-3-040623

Tgt Ion: 65 Resp: 191076

Ion Ratio Lower Upper

65 100

67 51.9 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: VX035021.D

Acq: 11 Apr 2023 19:49

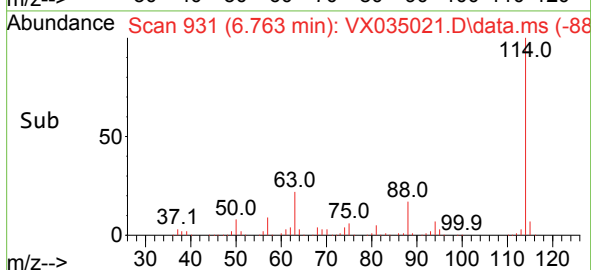
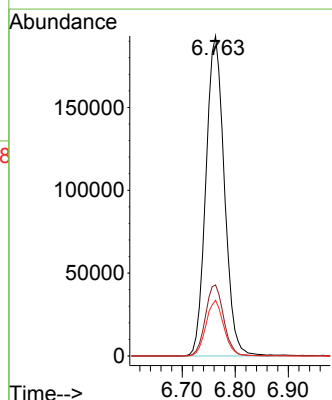
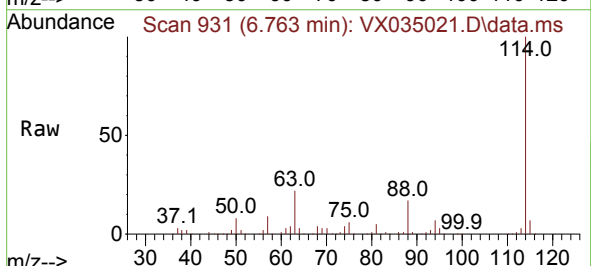
Tgt Ion: 114 Resp: 466690

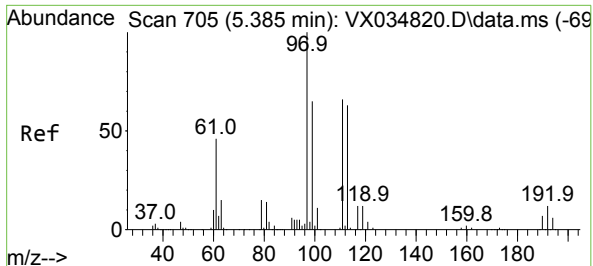
Ion Ratio Lower Upper

114 100

63 22.2 0.0 42.2

88 17.4 0.0 33.2

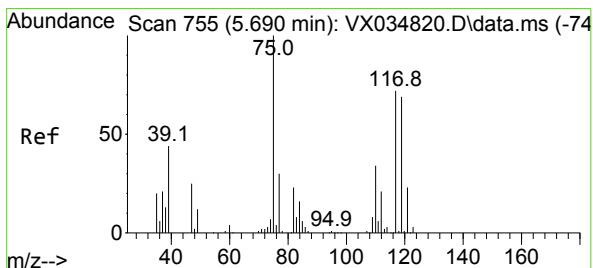
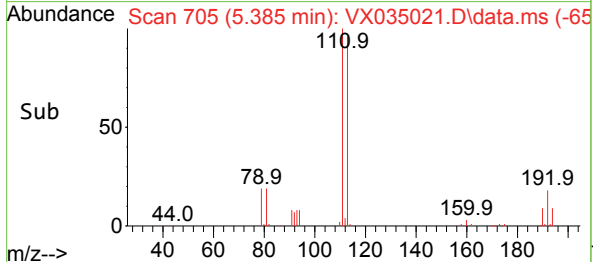
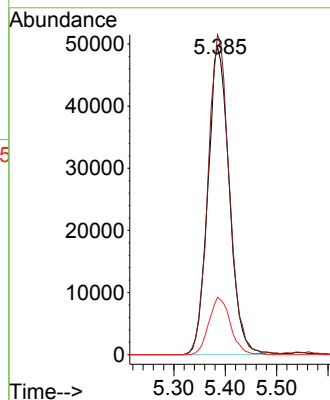
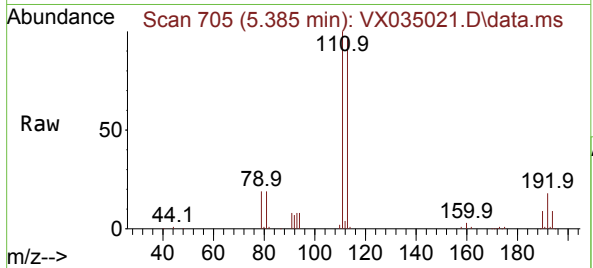




#35
Dibromofluoromethane
Concen: 46.539 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035021.D
Acq: 11 Apr 2023 19:49

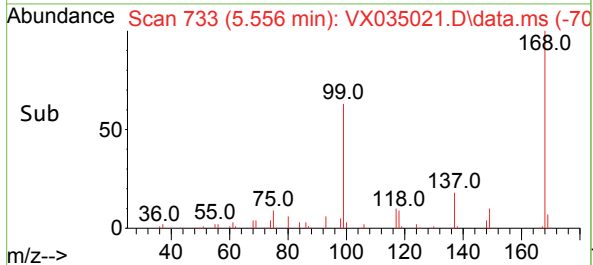
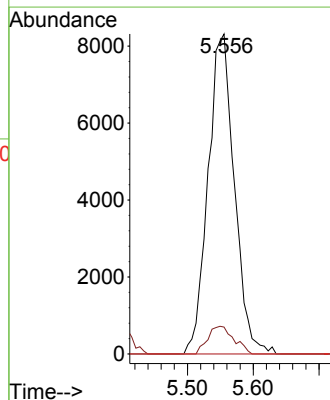
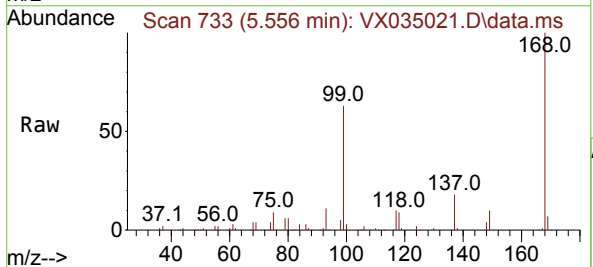
Instrument :
MSVOA_X
ClientSampleId :
MW-3-040623

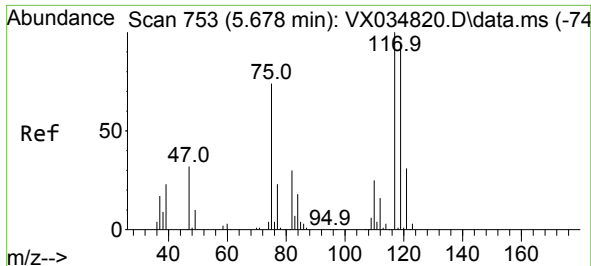
Tgt Ion:113 Resp: 143656
Ion Ratio Lower Upper
113 100
111 103.0 83.7 125.5
192 18.7 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.063 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.135 min
Lab File: VX035021.D
Acq: 11 Apr 2023 19:49

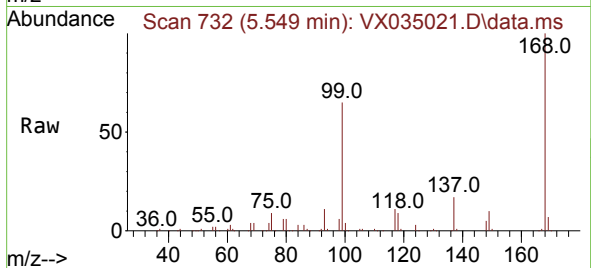
Tgt Ion: 75 Resp: 23153
Ion Ratio Lower Upper
75 100
110 8.6 17.5 52.5#
77 0.0 24.3 36.5#



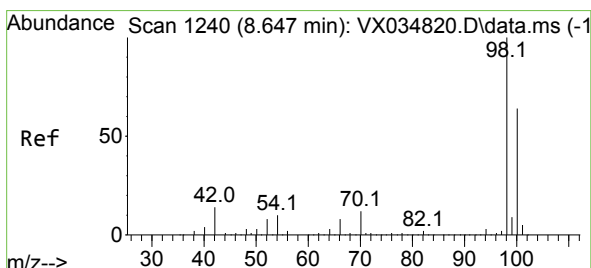
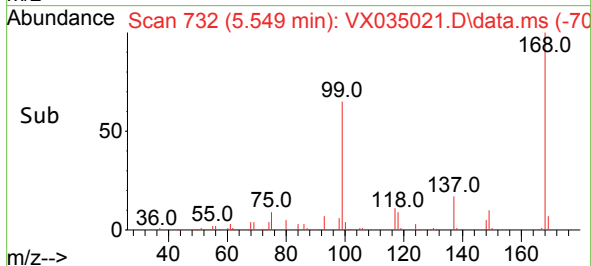
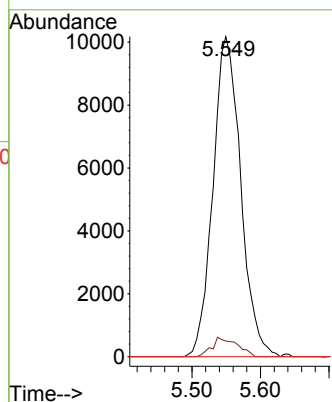


#38
Carbon Tetrachloride
Concen: 6.626 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX035021.D
Acq: 11 Apr 2023 19:49

Instrument :
MSVOA_X
ClientSampleId :
MW-3-040623

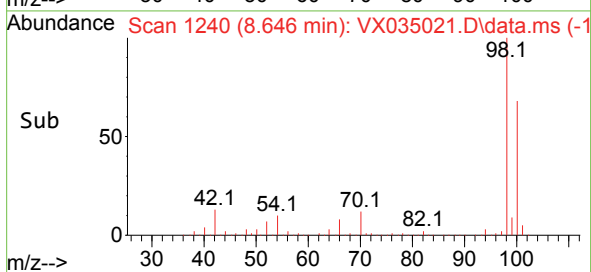
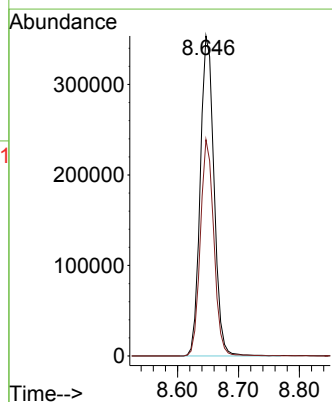
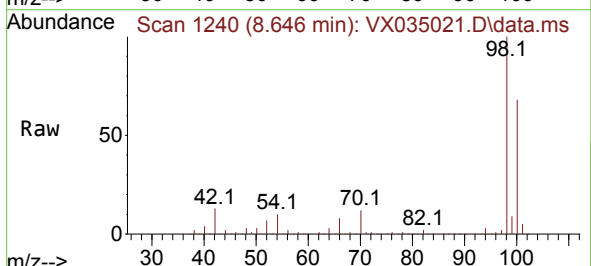


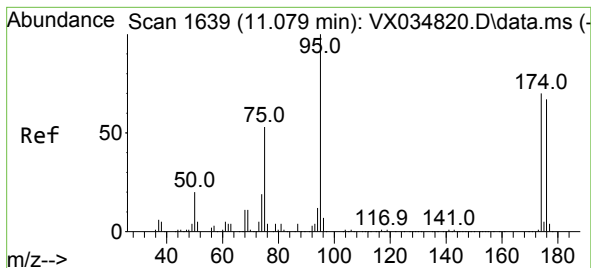
Tgt Ion:117 Resp: 28569
Ion Ratio Lower Upper
117 100
119 4.9 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 48.703 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035021.D
Acq: 11 Apr 2023 19:49

Tgt Ion: 98 Resp: 554896
Ion Ratio Lower Upper
98 100
100 66.2 52.5 78.7

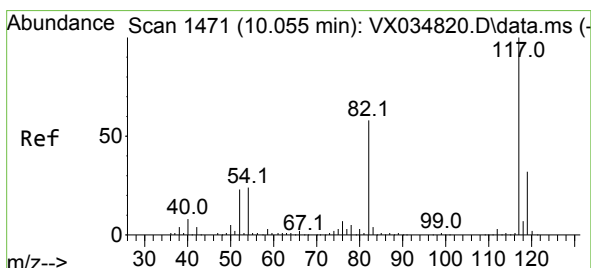
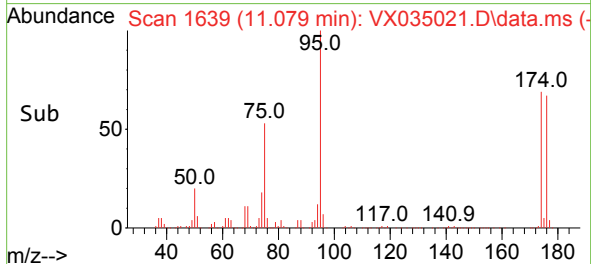
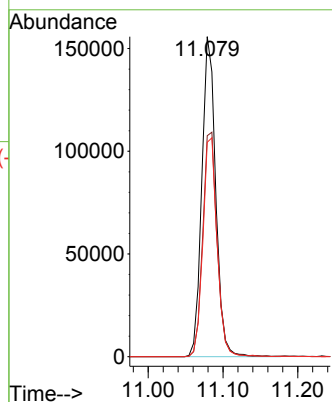
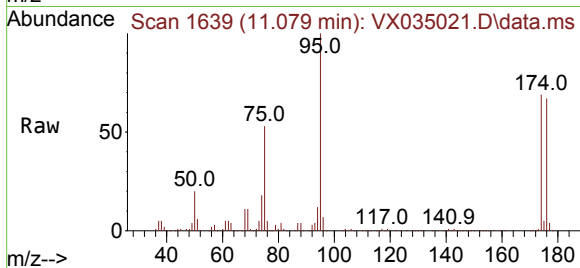




#62
4-Bromofluorobenzene
Concen: 45.612 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035021.D
Acq: 11 Apr 2023 19:49

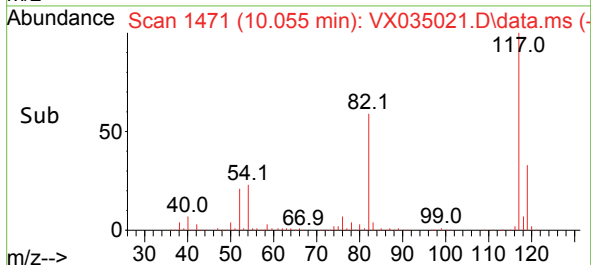
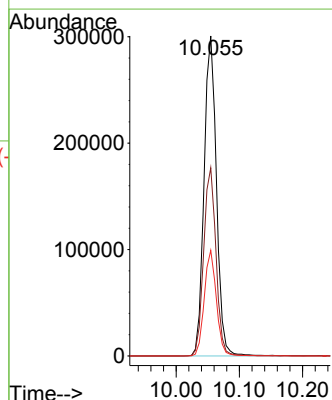
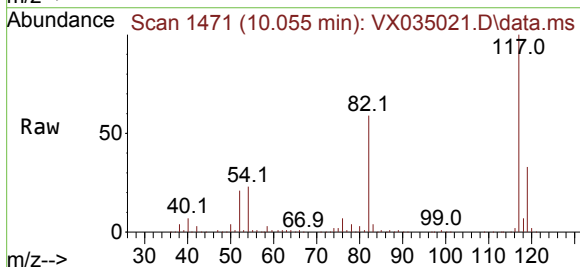
Instrument :
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MW-3-040623

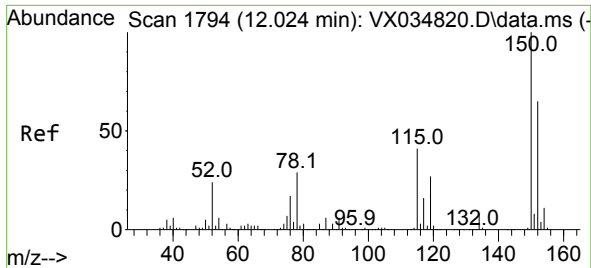
Tgt Ion: 95 Resp: 201103
Ion Ratio Lower Upper
95 100
174 72.1 0.0 147.4
176 70.3 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035021.D
Acq: 11 Apr 2023 19:49

Tgt Ion: 117 Resp: 410636
Ion Ratio Lower Upper
117 100
82 58.8 45.0 67.4
119 33.0 26.0 39.0

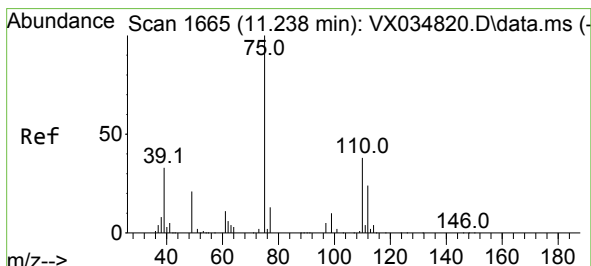
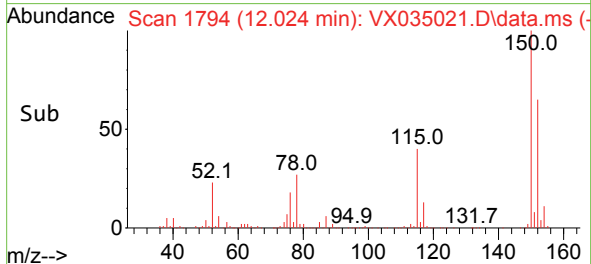
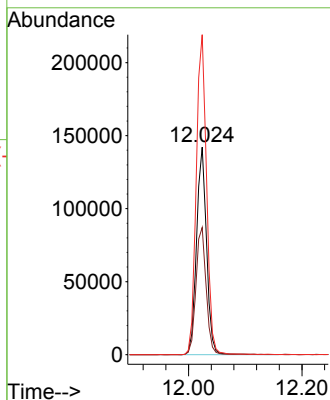
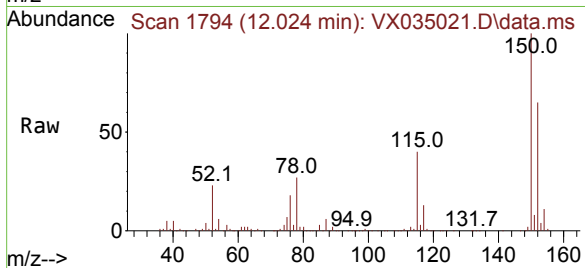




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX035021.D
 Acq: 11 Apr 2023 19:49

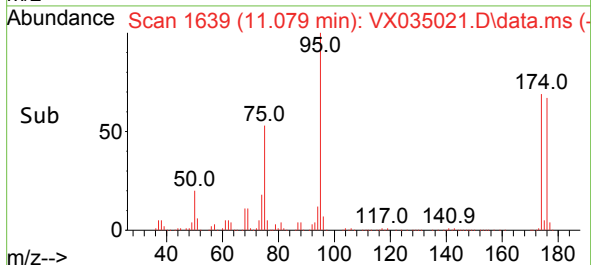
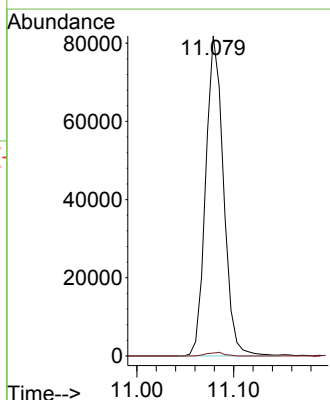
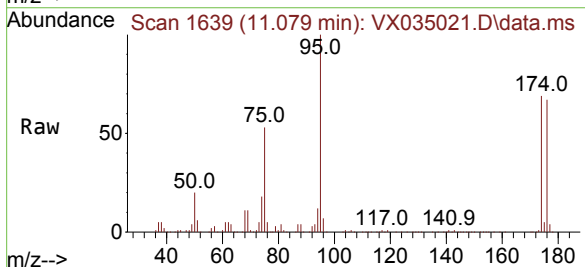
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3-040623

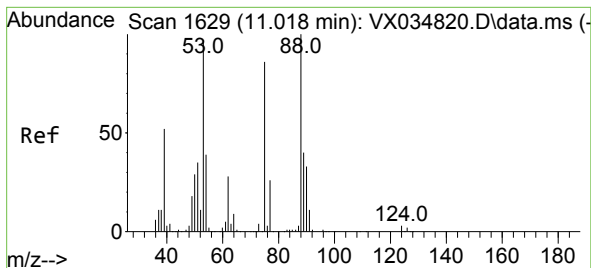
Tgt Ion:152 Resp: 174086
 Ion Ratio Lower Upper
 152 100
 115 62.4 45.0 135.0
 150 158.4 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 29.943 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX035021.D
 Acq: 11 Apr 2023 19:49

Tgt Ion: 75 Resp: 105031
 Ion Ratio Lower Upper
 75 100
 77 1.1 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.737 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX035021.D
 Acq: 11 Apr 2023 19:49

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3-040623

Tgt Ion: 75 Resp: 105031
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.1 36.9 55.3#

