

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033023\
 Data File : VX034855.D
 Acq On : 30 Mar 2023 16:14
 Operator : JC/MD
 Sample : 02074-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GWCB-05-40-45-032323-FD

Quant Time: Mar 31 01:33:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 30 11:02:25 2023
 Response via : Initial Calibration

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

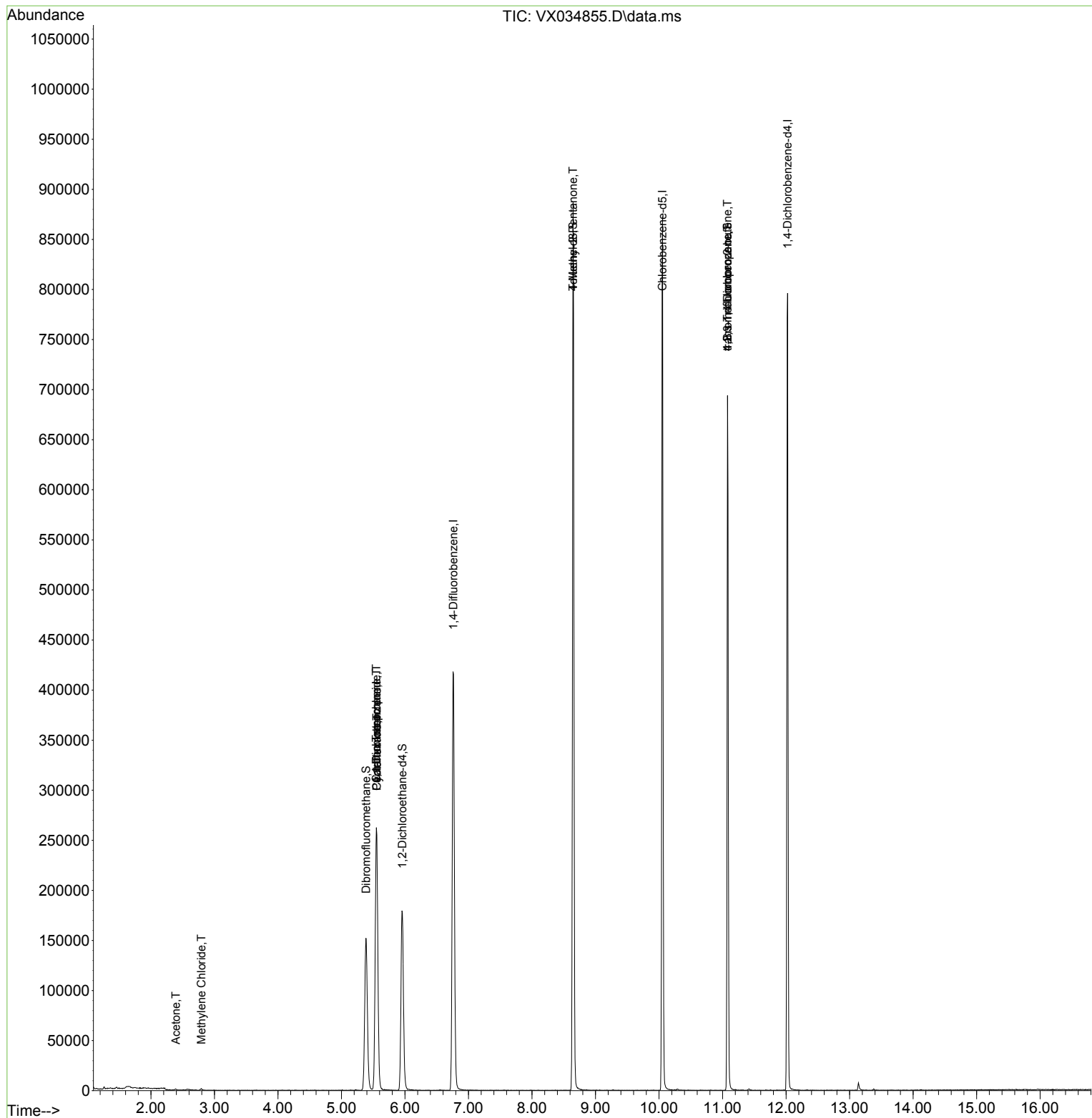
Internal Standards						
1) Pentafluorobenzene	5.556	168	241616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	418277	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	375235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	159882	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	175977	47.624	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.240%
35) Dibromofluoromethane	5.385	113	131932	47.688	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.380%
50) Toluene-d8	8.647	98	508944	49.840	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.680%
62) 4-Bromofluorobenzene	11.079	95	178652	45.210	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.420%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	1340	0.896	ug/l	98
20) Methylene Chloride	2.794	84	702	0.235	ug/l #	71
31) Cyclohexane	5.556	56	6195	1.377	ug/l #	15
36) 1,1-Dichloropropene	5.550	75	20442	5.004	ug/l #	50
38) Carbon Tetrachloride	5.550	117	25817	6.653	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	2933	0.695	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	97443	29.764	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	97443	79.577	ug/l #	8

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

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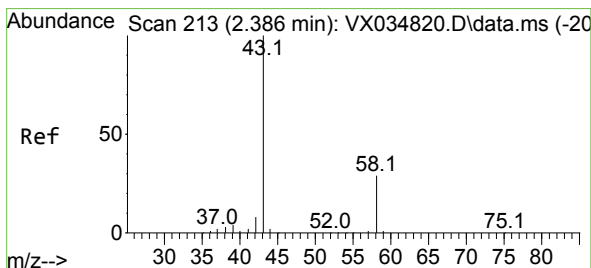
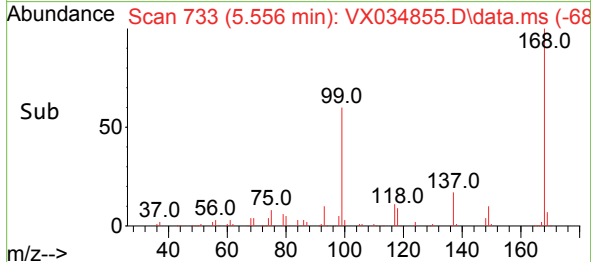
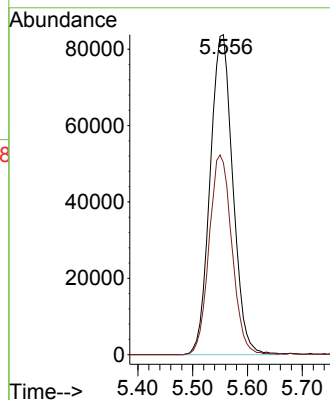
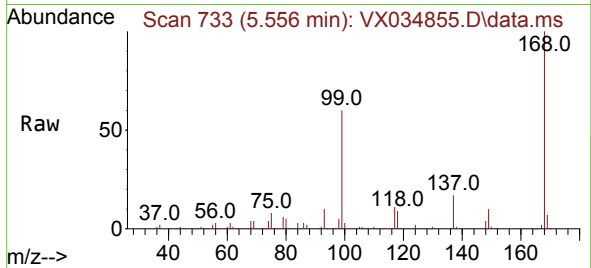




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034855.D
Acq: 30 Mar 2023 16:14

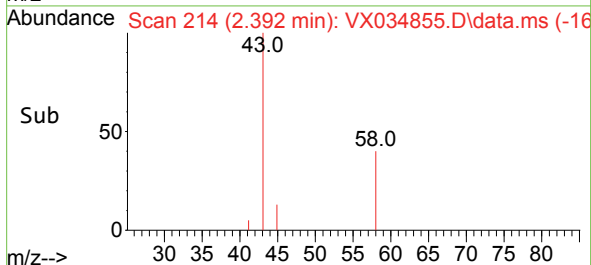
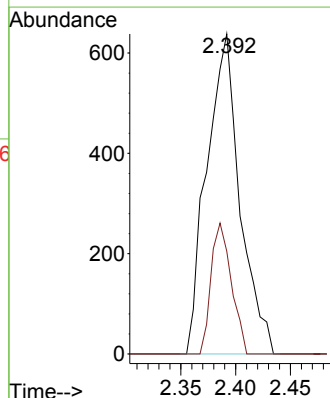
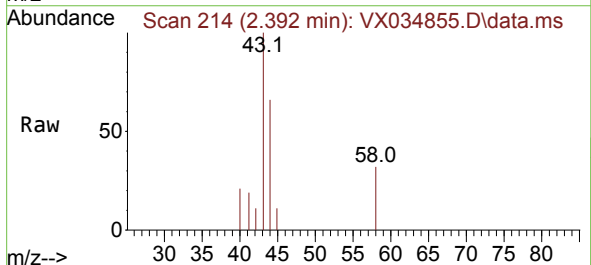
Instrument :
MSVOA_X
ClientSampleId :
GWCB-05-40-45-032323-FD

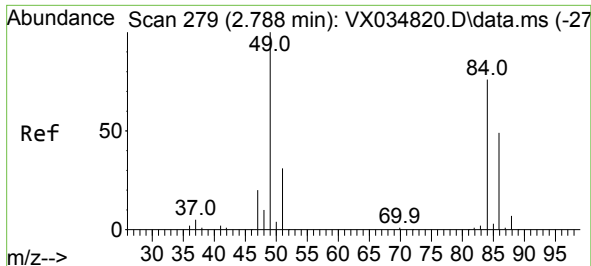
Tgt Ion:168 Resp: 241616
Ion Ratio Lower Upper
168 100
99 60.0 45.7 68.5



#16
Acetone
Concen: 0.896 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX034855.D
Acq: 30 Mar 2023 16:14

Tgt Ion: 43 Resp: 1340
Ion Ratio Lower Upper
43 100
58 32.1 24.7 37.1

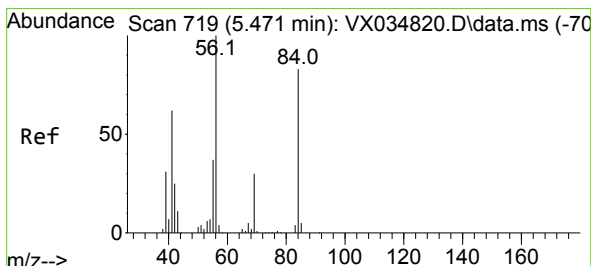
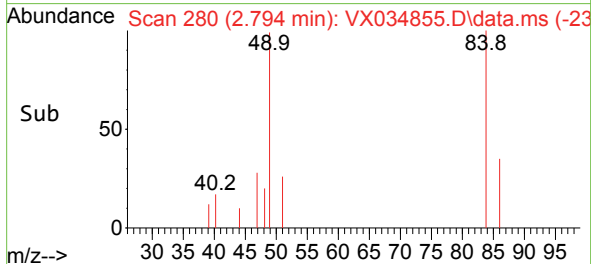
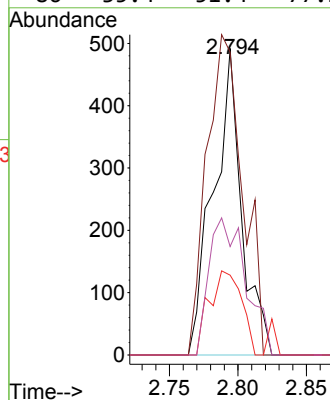
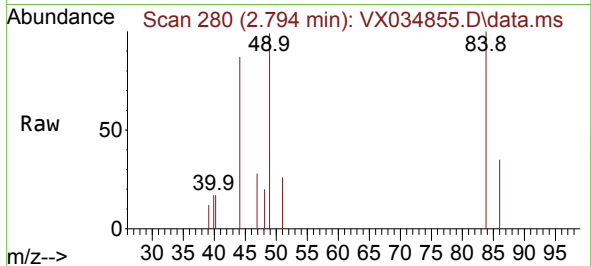




#20
Methylene Chloride
Concen: 0.235 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034855.D
Acq: 30 Mar 2023 16:14

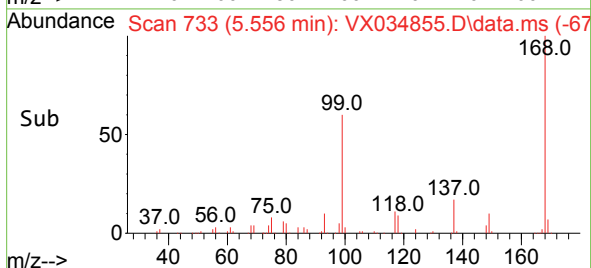
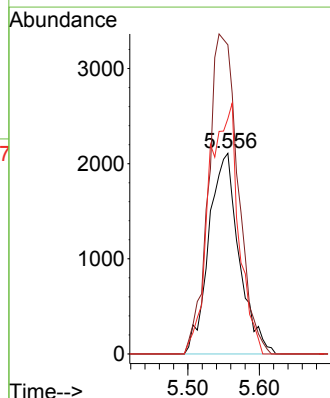
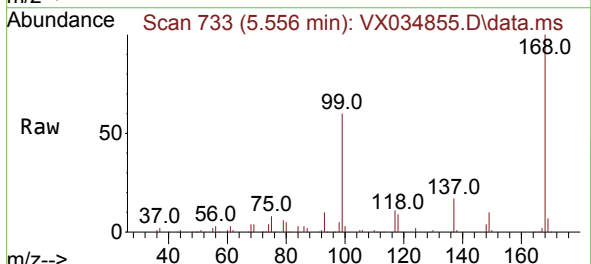
Instrument :
MSVOA_X
ClientSampleId :
GWCB-05-40-45-032323-FD

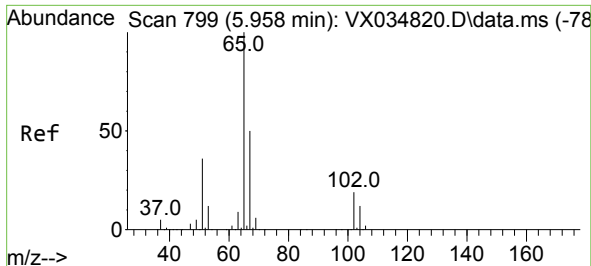
Tgt Ion: 84	Resp:	702
Ion	Ratio	Lower Upper
84	100	
49	98.8	103.8 155.8#
51	26.0	31.8 47.8#
86	35.4	51.4 77.2#



#31
Cyclohexane
Concen: 1.377 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX034855.D
Acq: 30 Mar 2023 16:14

Tgt Ion: 56	Resp:	6195
Ion	Ratio	Lower Upper
56	100	
69	154.0	23.7 35.5#
84	117.3	68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 47.624 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX034855.D

Acq: 30 Mar 2023 16:14

Instrument :

MSVOA_X

ClientSampleId :

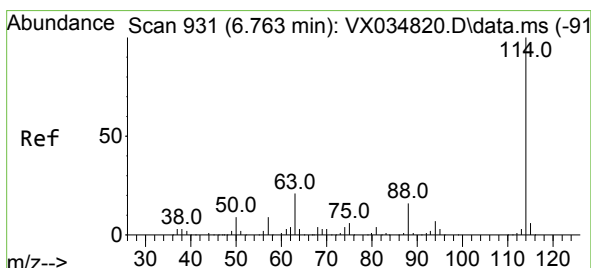
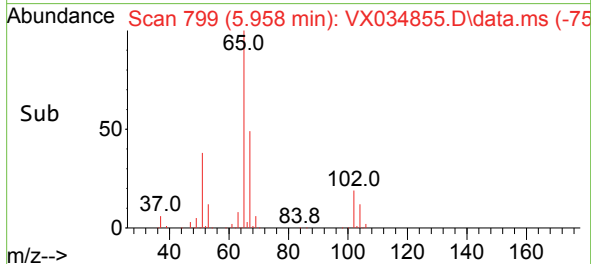
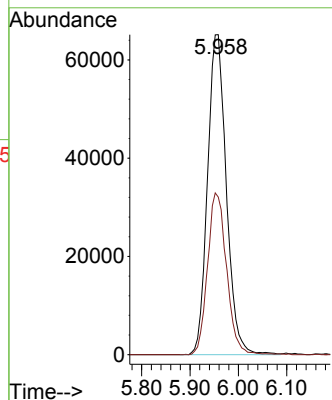
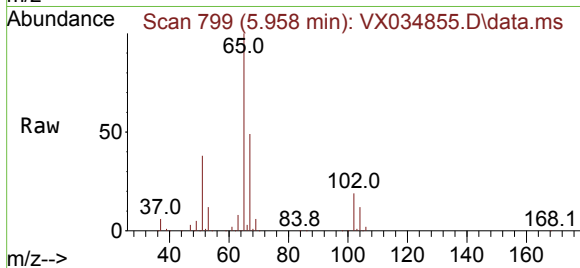
GWCB-05-40-45-032323-FD

Tgt Ion: 65 Resp: 175977

Ion Ratio Lower Upper

65 100

67 51.2 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: VX034855.D

Acq: 30 Mar 2023 16:14

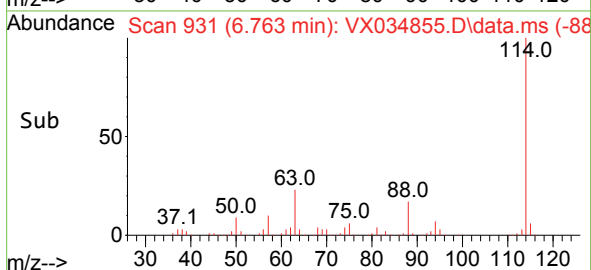
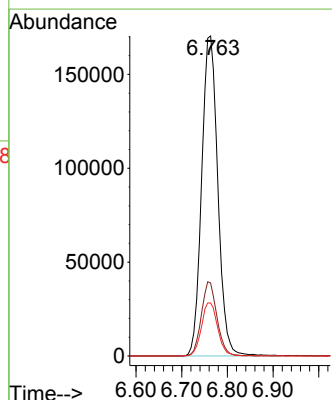
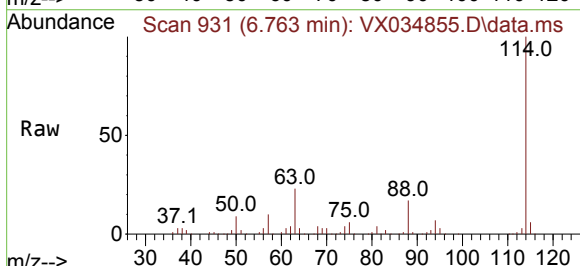
Tgt Ion:114 Resp: 418277

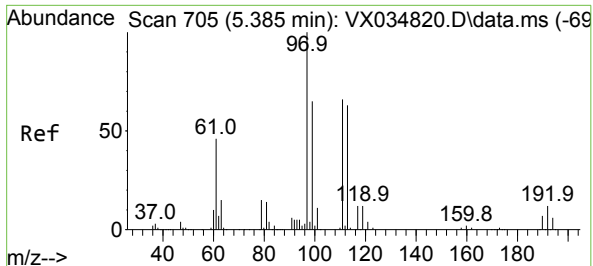
Ion Ratio Lower Upper

114 100

63 22.8 0.0 42.2

88 16.6 0.0 33.2

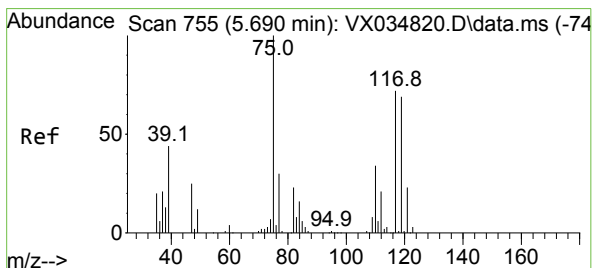
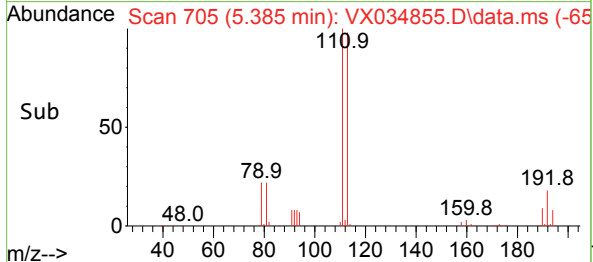
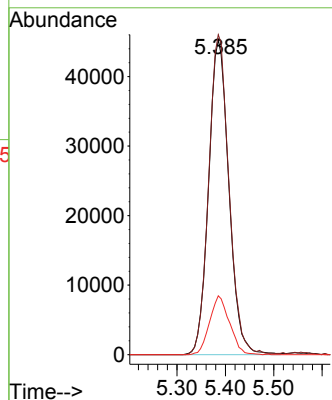
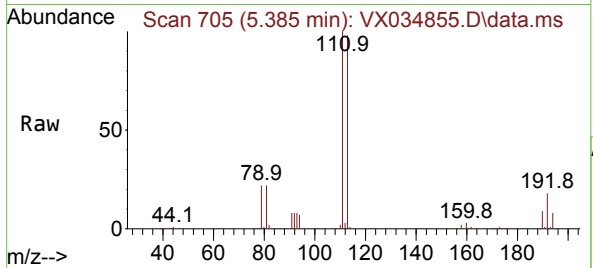




#35
Dibromofluoromethane
Concen: 47.688 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034855.D
Acq: 30 Mar 2023 16:14

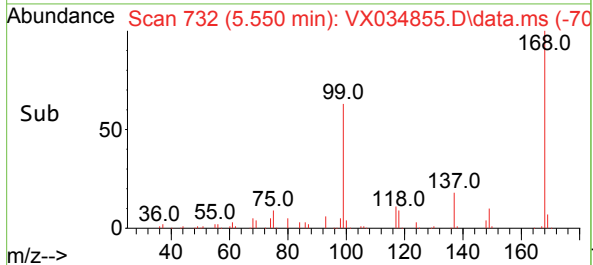
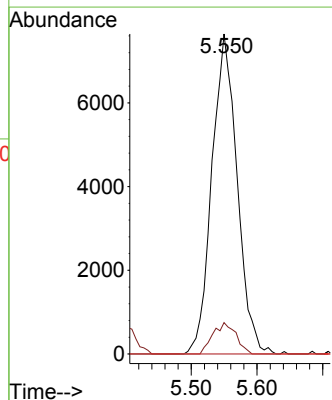
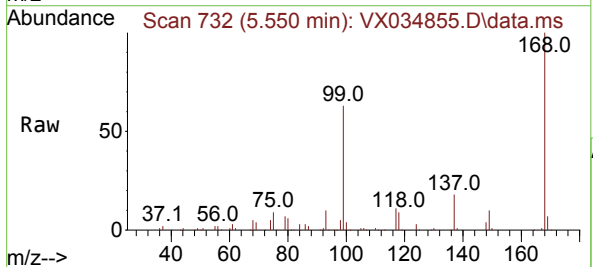
Instrument :
MSVOA_X
ClientSampleId :
GWCB-05-40-45-032323-FD

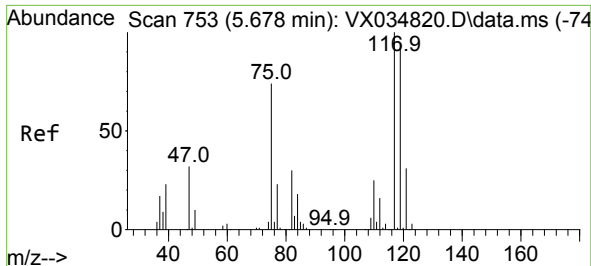
Tgt Ion:113 Resp: 131932
Ion Ratio Lower Upper
113 100
111 101.6 83.7 125.5
192 18.4 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.004 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX034855.D
Acq: 30 Mar 2023 16:14

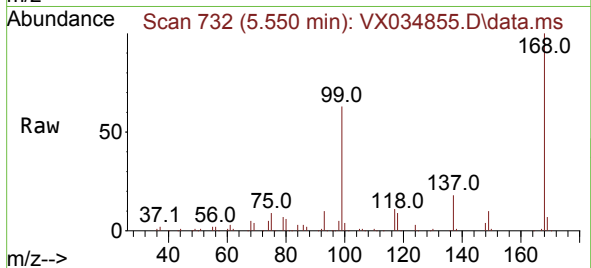
Tgt Ion: 75 Resp: 20442
Ion Ratio Lower Upper
75 100
110 9.0 17.5 52.5#
77 0.0 24.3 36.5#



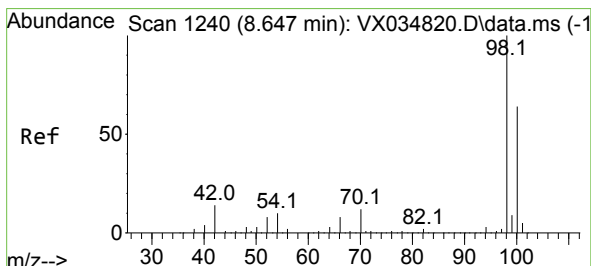
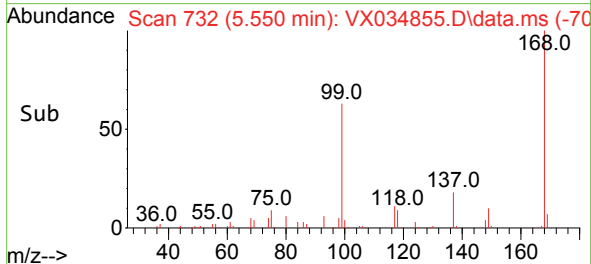
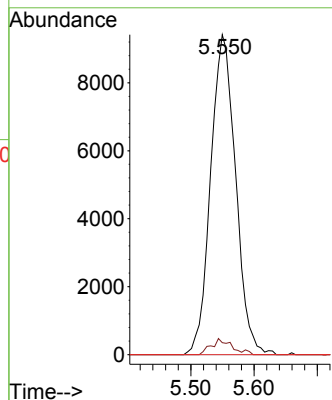


#38
Carbon Tetrachloride
Concen: 6.653 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX034855.D
Acq: 30 Mar 2023 16:14

Instrument :
MSVOA_X
ClientSampleId :
GWCB-05-40-45-032323-FD

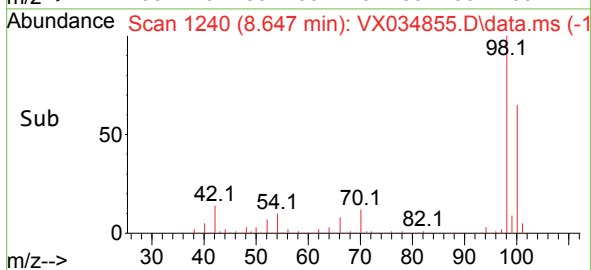
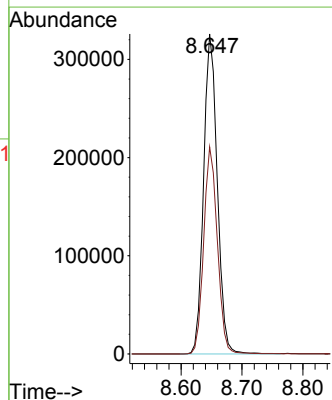
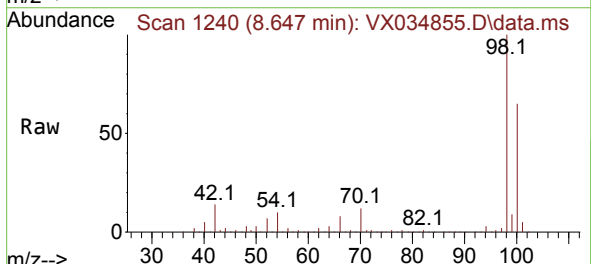


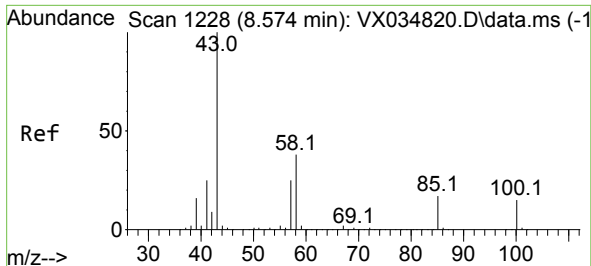
Tgt Ion:117 Resp: 25817
Ion Ratio Lower Upper
117 100
119 3.7 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 49.840 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034855.D
Acq: 30 Mar 2023 16:14

Tgt Ion: 98 Resp: 508944
Ion Ratio Lower Upper
98 100
100 64.6 52.5 78.7

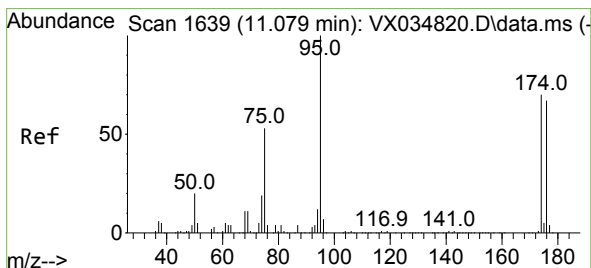
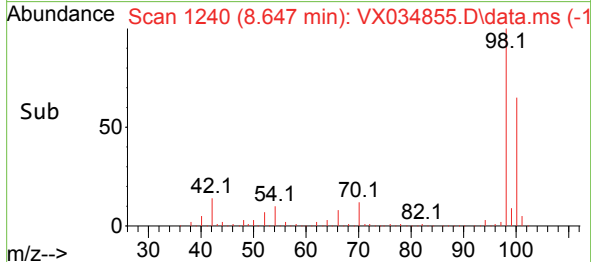
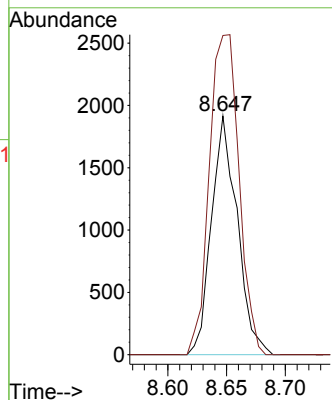
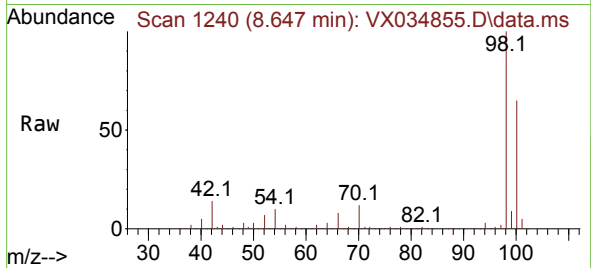




#51
4-Methyl-2-Pentanone
Concen: 0.695 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX034855.D
Acq: 30 Mar 2023 16:14

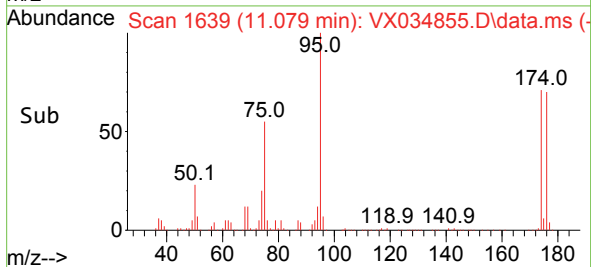
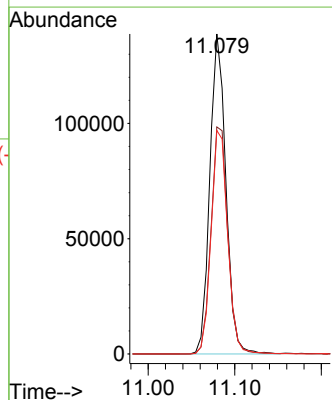
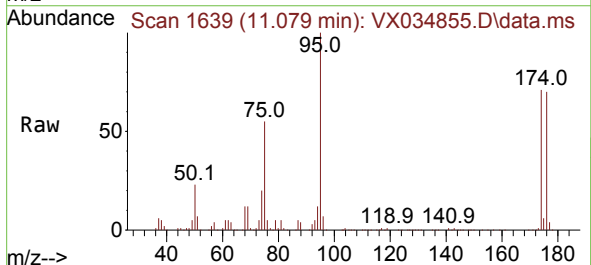
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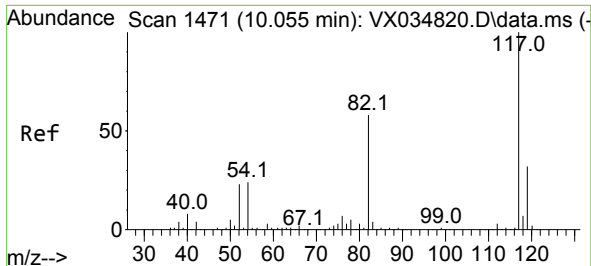
Tgt Ion: 43 Resp: 2933
Ion Ratio Lower Upper
43 100
58 154.0 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 45.210 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034855.D
Acq: 30 Mar 2023 16:14

Tgt Ion: 95 Resp: 178652
Ion Ratio Lower Upper
95 100
174 74.3 0.0 147.4
176 72.0 0.0 140.6

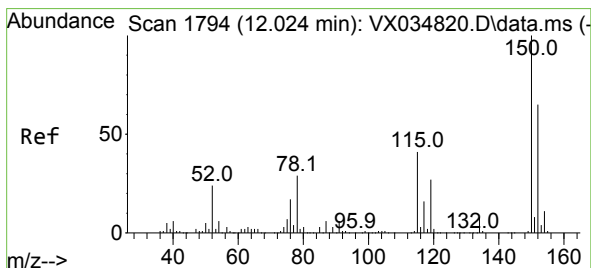
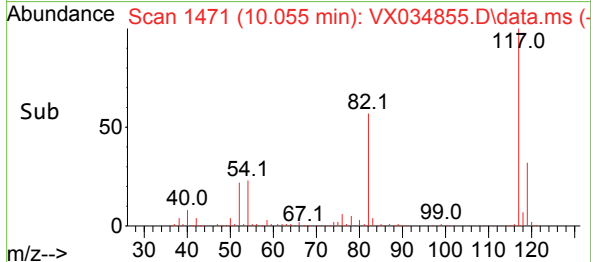
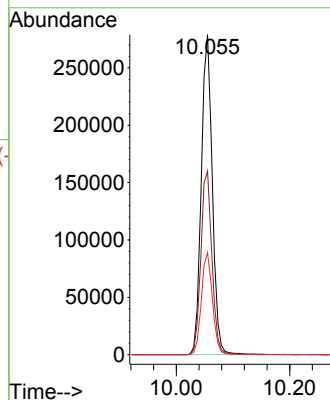
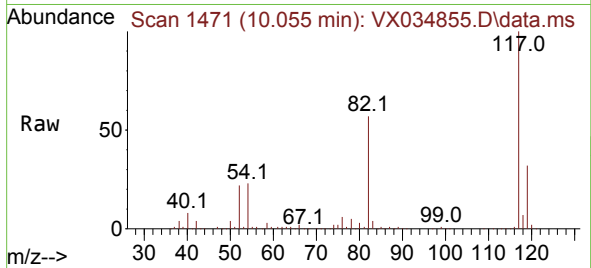




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034855.D
Acq: 30 Mar 2023 16:14

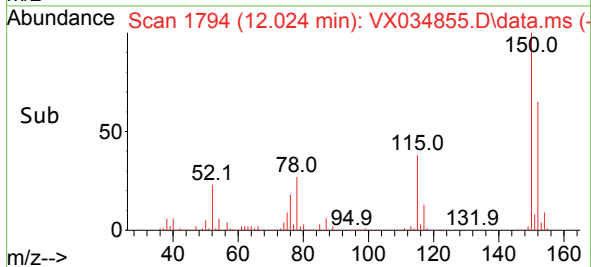
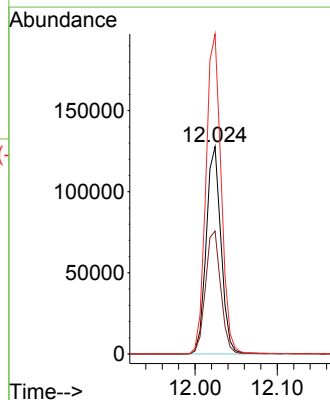
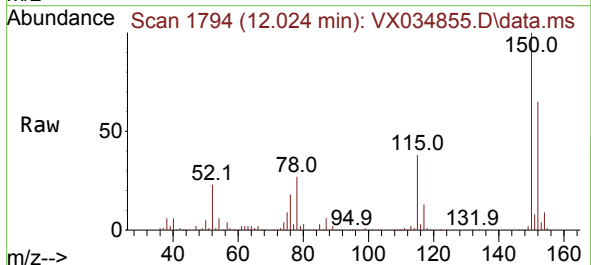
Instrument :
MSVOA_X
ClientSampleId :
GWCB-05-40-45-032323-FD

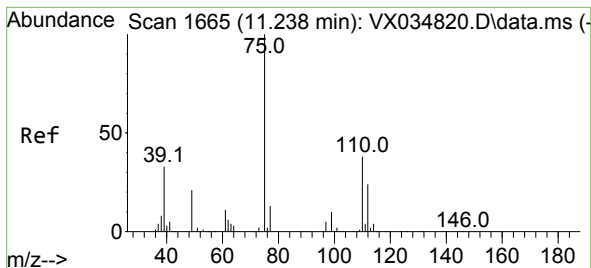
Tgt Ion:117 Resp: 375235
Ion Ratio Lower Upper
117 100
82 57.4 45.0 67.4
119 31.9 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034855.D
Acq: 30 Mar 2023 16:14

Tgt Ion:152 Resp: 159882
Ion Ratio Lower Upper
152 100
115 61.3 45.0 135.0
150 158.8 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 29.764 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX034855.D

Acq: 30 Mar 2023 16:14

Instrument :

MSVOA_X

ClientSampleId :

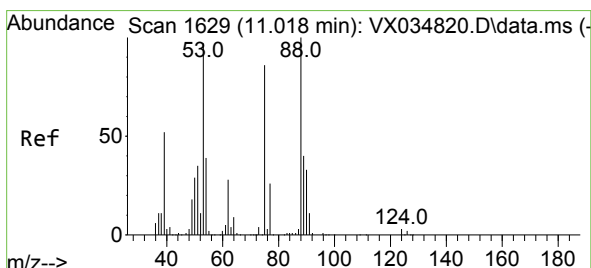
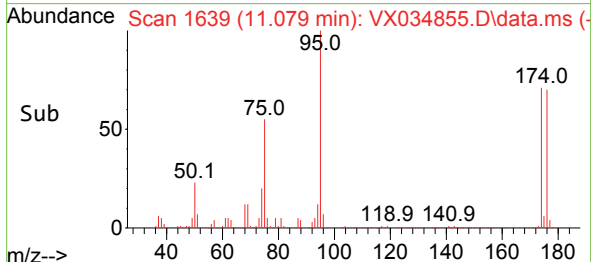
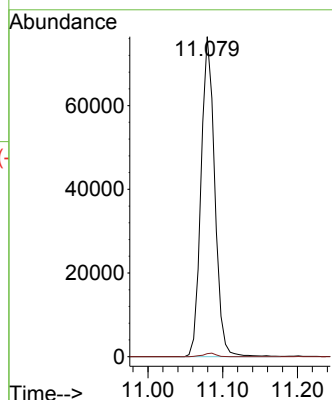
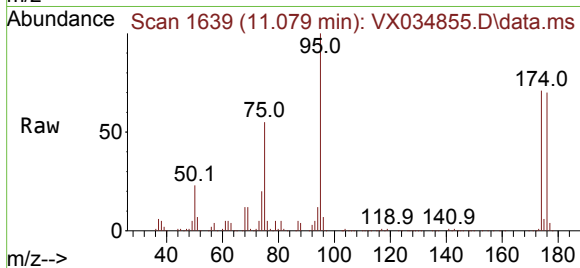
GWCB-05-40-45-032323-FD

Tgt Ion: 75 Resp: 97443

Ion Ratio Lower Upper

75 100

77 1.0 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 79.577 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX034855.D

Acq: 30 Mar 2023 16:14

Tgt Ion: 75 Resp: 97443

Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.1 36.9 55.3#

