

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101122\
 Data File : VX032034.D
 Acq On : 11 Oct 2022 14:12
 Operator : JC/MD
 Sample : N5091-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GWOW-BR-01-255-275-101022

Quant Time: Oct 11 16:25:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

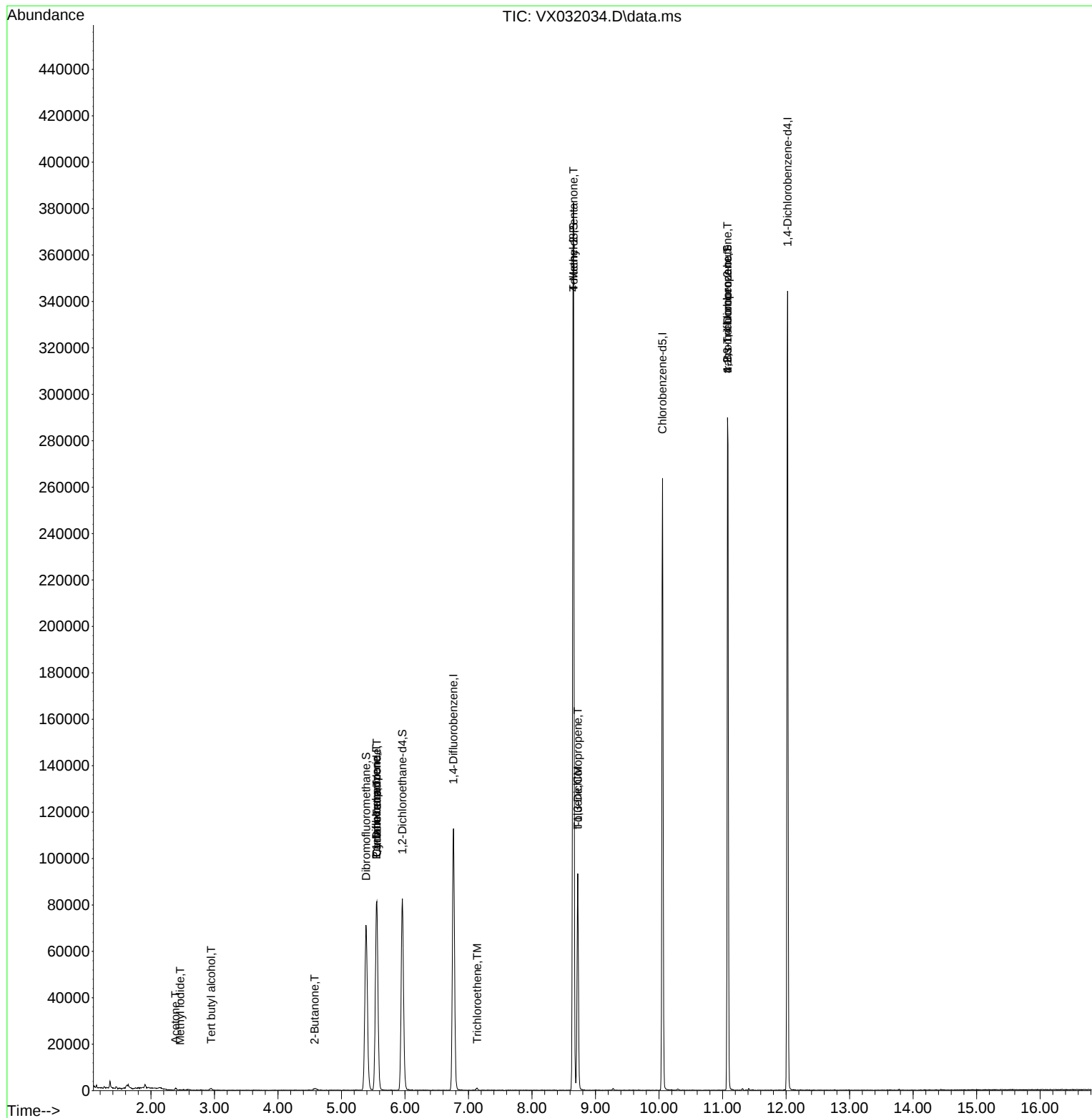
Internal Standards						
1) Pentafluorobenzene	5.550	168	76329	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	114043	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68758	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77336	49.060	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.120%
35) Dibromofluoromethane	5.385	113	59463	46.063	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.120%
50) Toluene-d8	8.653	98	227290	48.931	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.860%
62) 4-Bromofluorobenzene	11.079	95	74084	45.113	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.220%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	365	Below Cal		97
10) Methyl Iodide	2.459	142	247	2.937	ug/l #	70
11) Tert butyl alcohol	2.946	59	552	2.815	ug/l #	73
16) Acetone	2.386	43	1055	1.969	ug/l	90
25) 2-Butanone	4.574	43	1506	1.798	ug/l #	85
31) Cyclohexane	5.556	56	1721	0.914	ug/l #	17
36) 1,1-Dichloropropene	5.550	75	5966	3.485	ug/l #	51
38) Carbon Tetrachloride	5.556	117	7976	4.557	ug/l #	15
44) Trichloroethene	7.135	130	338	0.230	ug/l	80
51) 4-Methyl-2-Pentanone	8.653	43	1176	0.726	ug/l #	1
52) Toluene	8.720	92	33359	10.179	ug/l	100
53) t-1,3-Dichloropropene	8.720	75	368	1.410	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	40313	28.607	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	40313	97.810	ug/l #	11

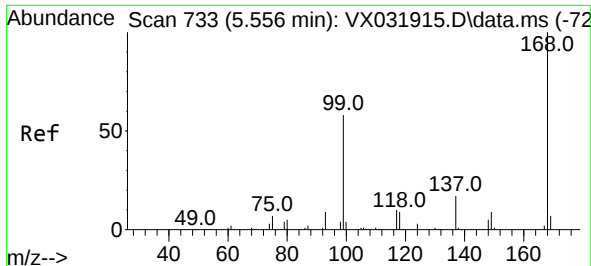
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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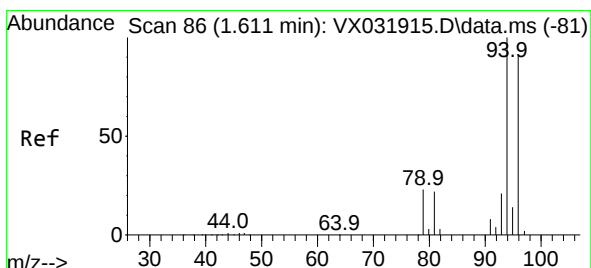
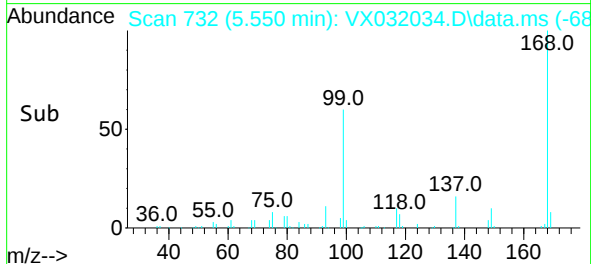
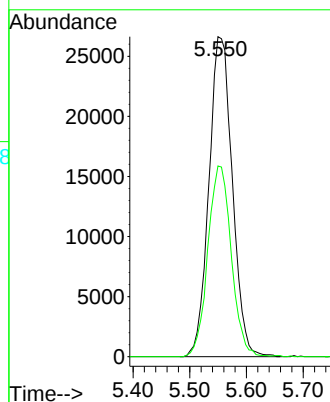
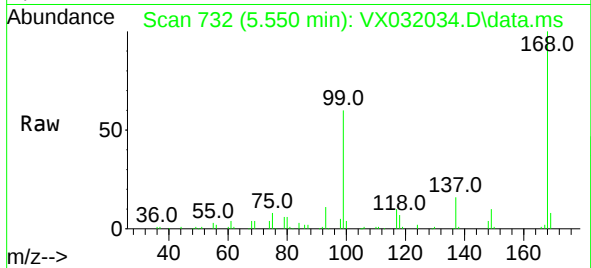




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032034.D
Acq: 11 Oct 2022 14:12

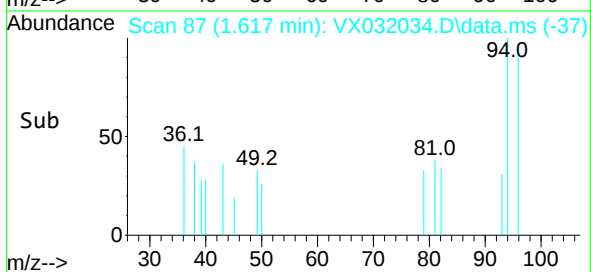
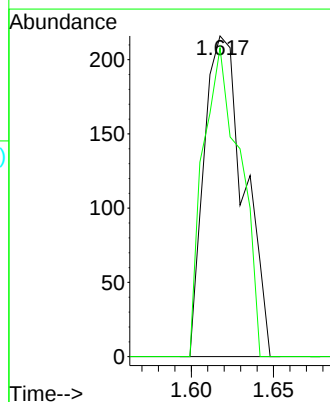
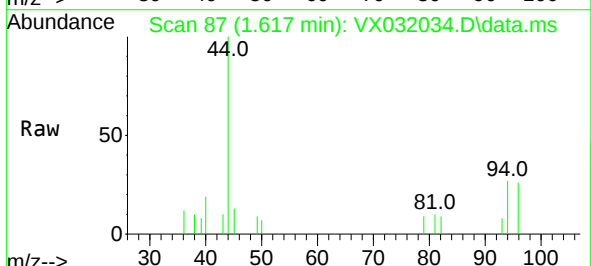
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-01-255-275-101022

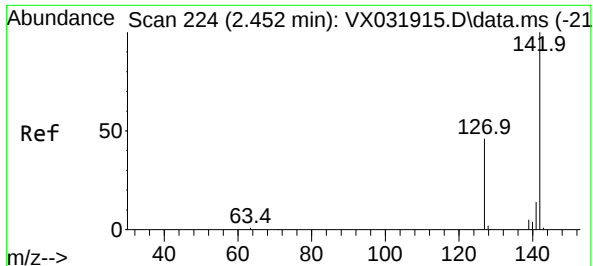
Tgt Ion:168 Resp: 76329
Ion Ratio Lower Upper
168 100
99 59.6 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX032034.D
Acq: 11 Oct 2022 14:12

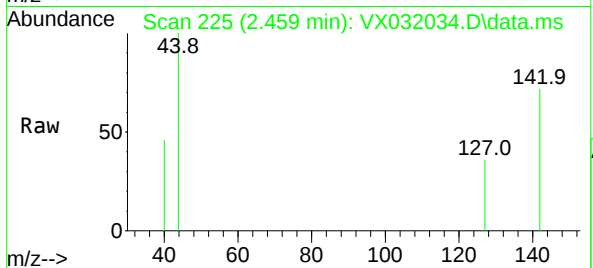
Tgt Ion: 94 Resp: 365
Ion Ratio Lower Upper
94 100
96 96.3 74.4 111.6



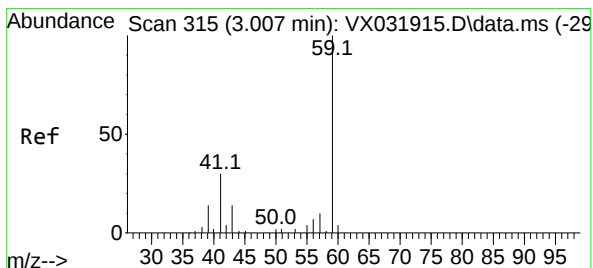
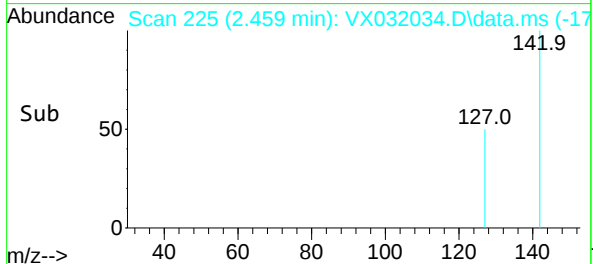
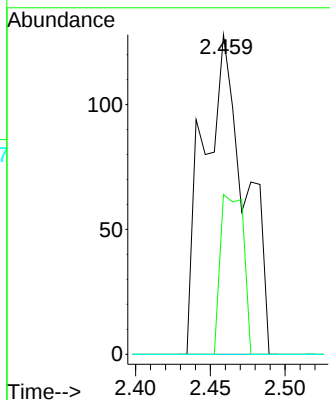


#10
Methyl Iodide
Concen: 2.937 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX032034.D
Acq: 11 Oct 2022 14:12

Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-01-255-275-101022

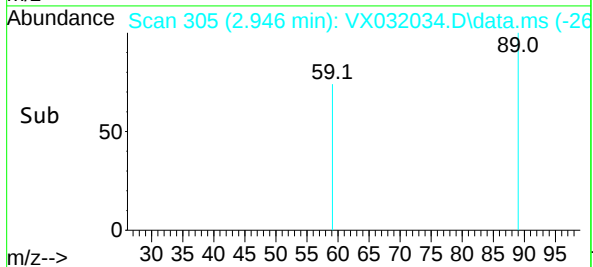
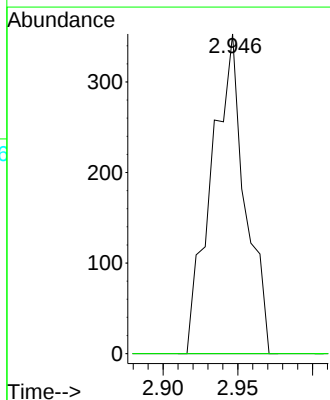
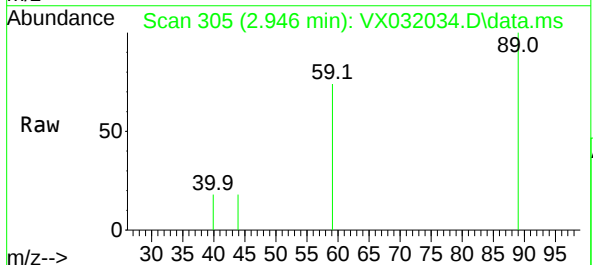


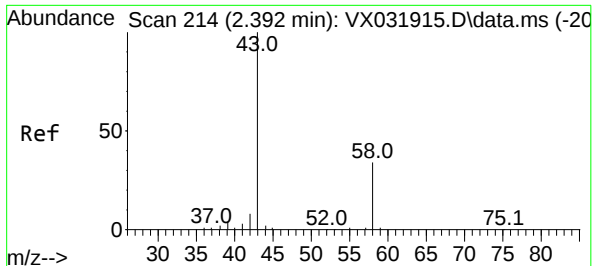
Tgt Ion:142 Resp: 247
Ion Ratio Lower Upper
142 100
127 27.5 37.4 56.0#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 2.815 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.061 min
Lab File: VX032034.D
Acq: 11 Oct 2022 14:12

Tgt Ion: 59 Resp: 552
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

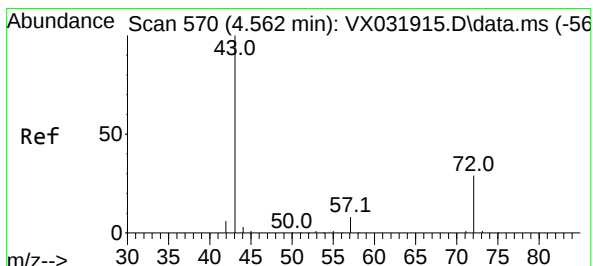
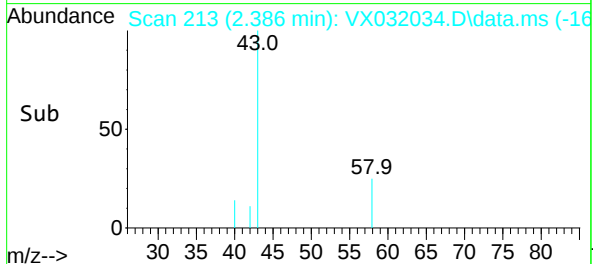
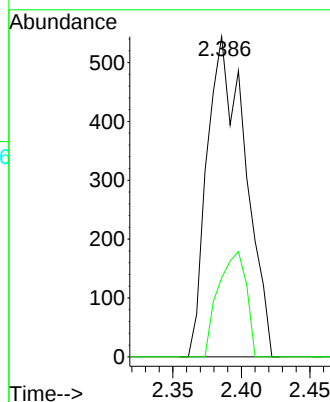
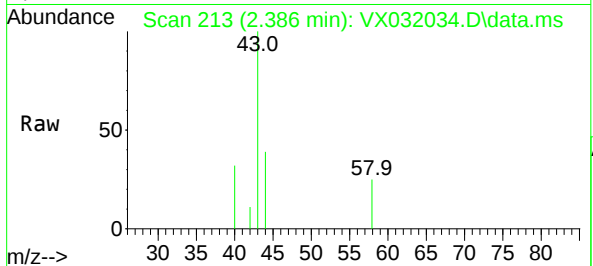




#16
Acetone
Concen: 1.969 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX032034.D
Acq: 11 Oct 2022 14:12

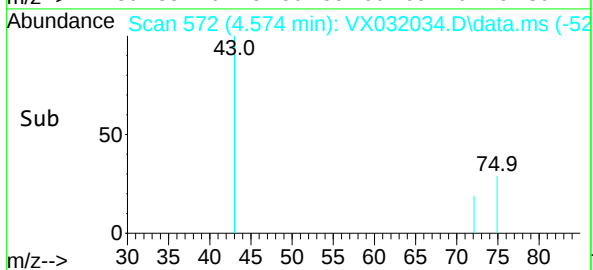
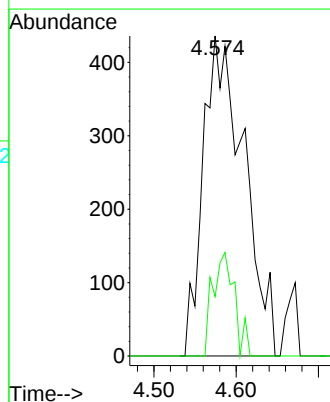
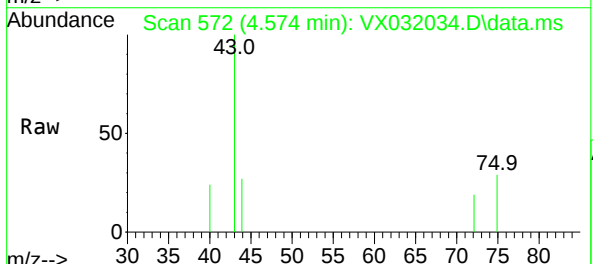
Instrument : MSVOA_X
ClientSampleId : GWOW-BR-01-255-275-101022

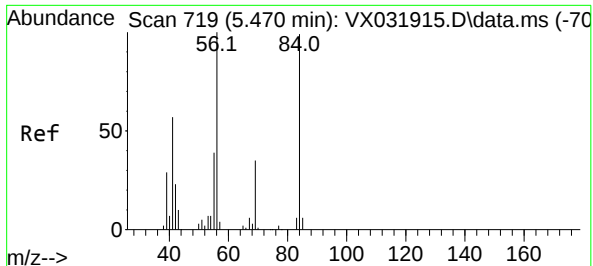
Tgt Ion: 43 Resp: 1055
Ion Ratio Lower Upper
43 100
58 24.6 23.8 35.8



#25
2-Butanone
Concen: 1.798 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX032034.D
Acq: 11 Oct 2022 14:12

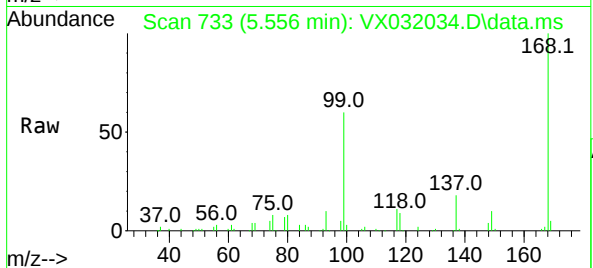
Tgt Ion: 43 Resp: 1506
Ion Ratio Lower Upper
43 100
72 18.6 21.1 31.7#



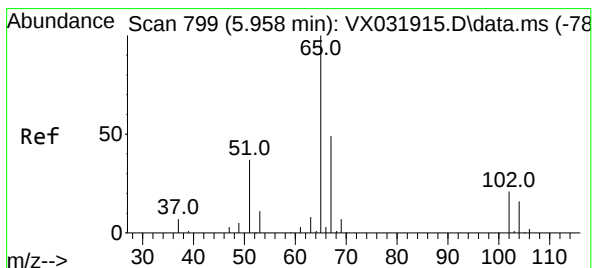
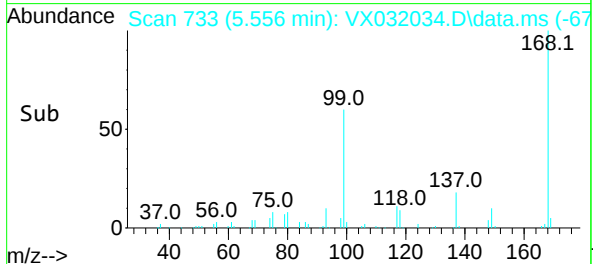
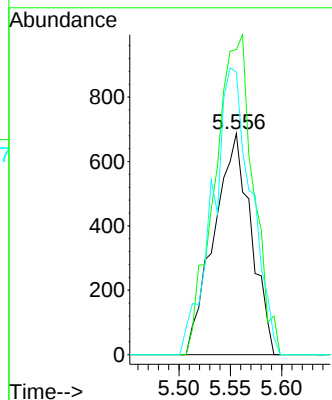


#31
Cyclohexane
Concen: 0.914 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX032034.D
Acq: 11 Oct 2022 14:12

Instrument : MSVOA_X
ClientSampleId : GWOW-BR-01-255-275-101022

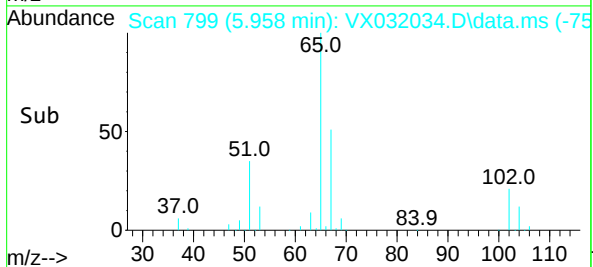
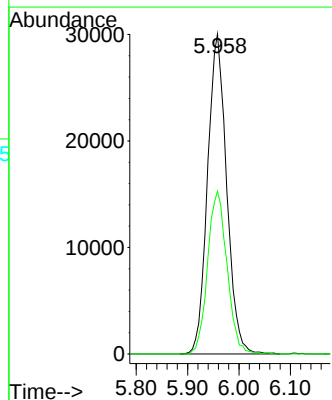
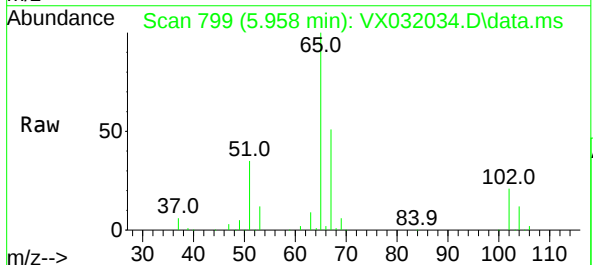


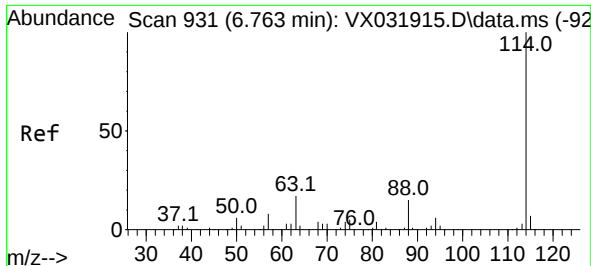
Tgt Ion: 56 Resp: 1721
Ion Ratio Lower Upper
56 100
69 138.0 25.1 37.7#
84 127.8 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 49.060 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032034.D
Acq: 11 Oct 2022 14:12

Tgt Ion: 65 Resp: 77336
Ion Ratio Lower Upper
65 100
67 51.8 0.0 102.4

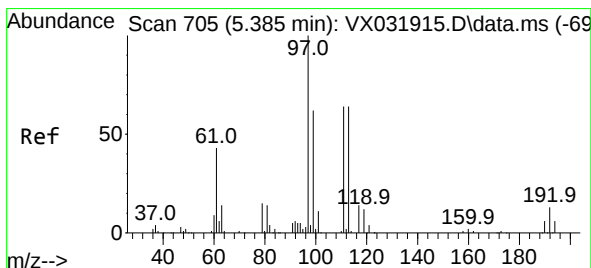
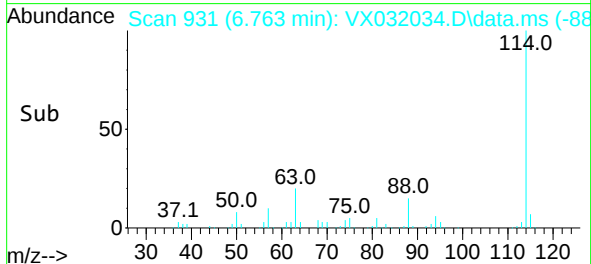
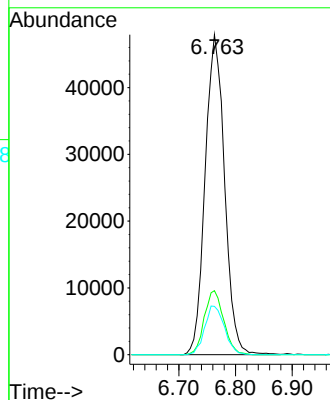
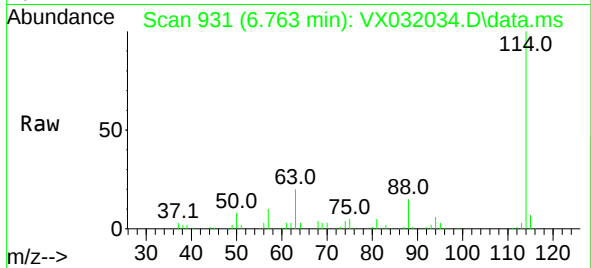




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032034.D
Acq: 11 Oct 2022 14:12

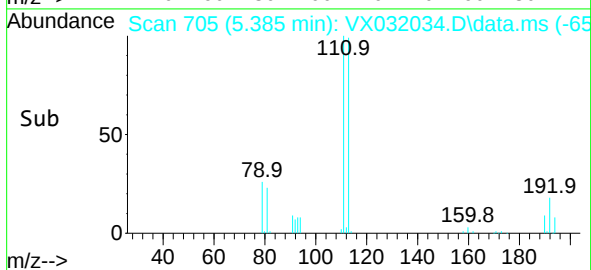
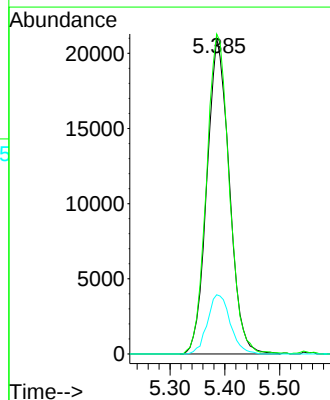
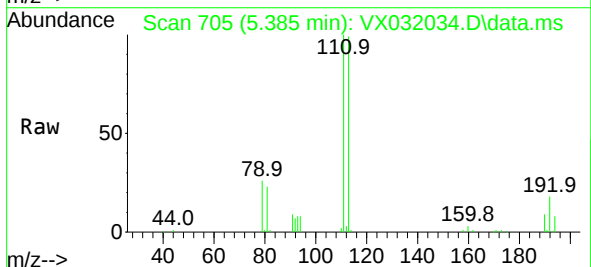
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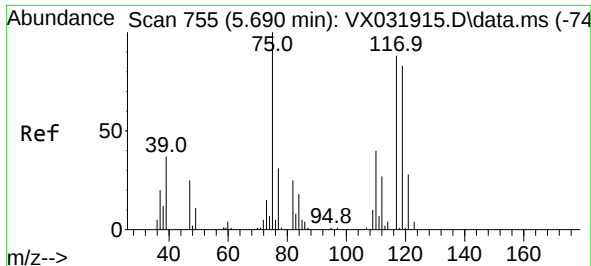
Tgt Ion:114 Resp: 114043
Ion Ratio Lower Upper
114 100
63 20.0 0.0 42.6
88 15.1 0.0 33.0



#35
Dibromofluoromethane
Concen: 46.063 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032034.D
Acq: 11 Oct 2022 14:12

Tgt Ion:113 Resp: 59463
Ion Ratio Lower Upper
113 100
111 103.4 82.4 123.6
192 19.1 14.1 21.1

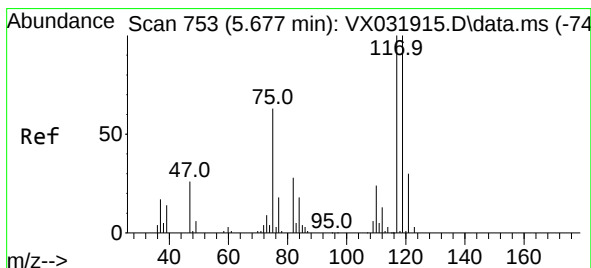
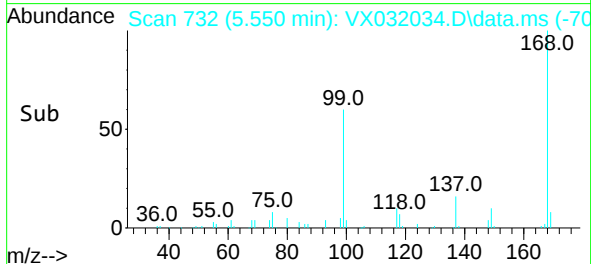
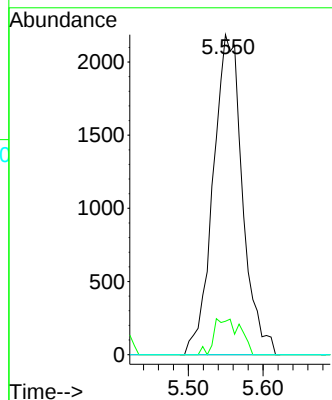
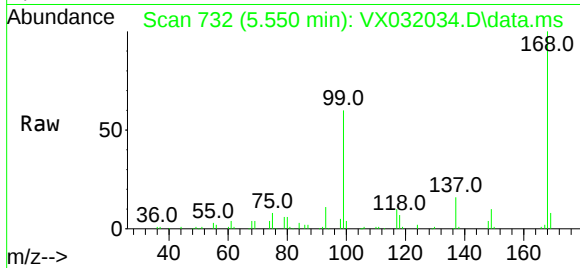




#36
1,1-Dichloropropene
Concen: 3.485 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX032034.D
Acq: 11 Oct 2022 14:12

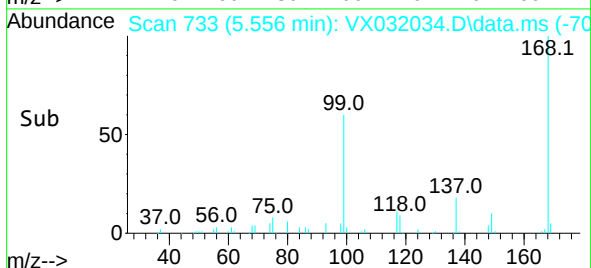
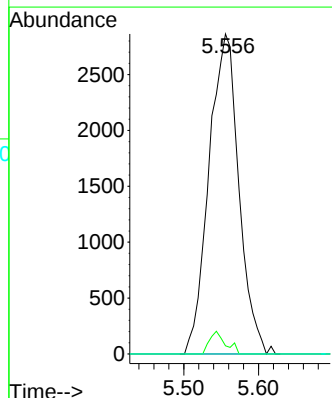
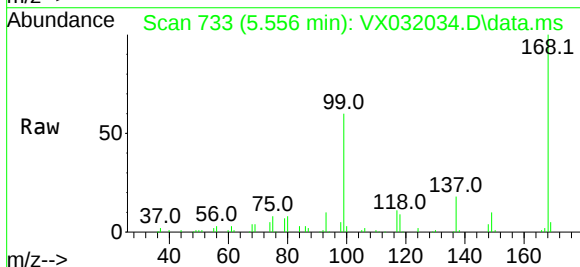
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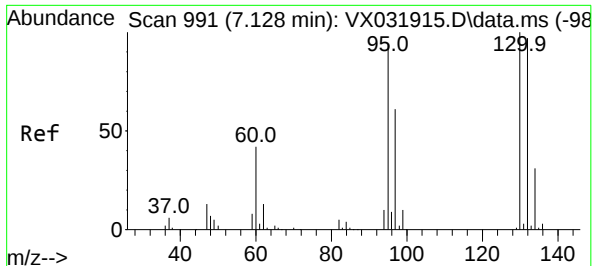
Tgt Ion: 75 Resp: 5966
Ion Ratio Lower Upper
75 100
110 10.0 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 4.557 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX032034.D
Acq: 11 Oct 2022 14:12

Tgt Ion: 117 Resp: 7976
Ion Ratio Lower Upper
117 100
119 2.5 74.6 112.0#
121 0.0 25.3 37.9#

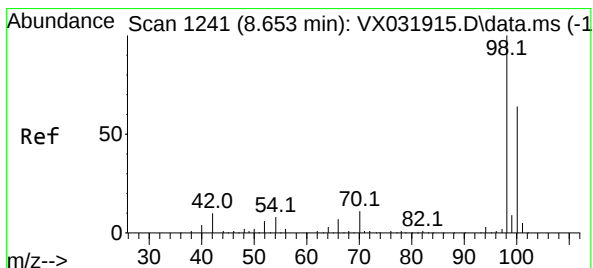
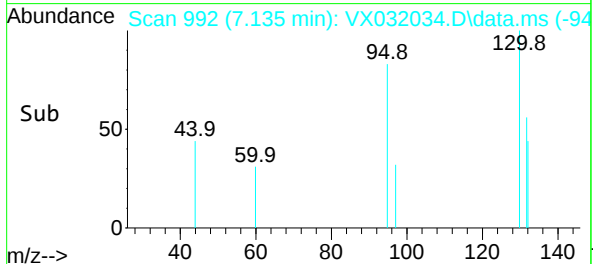
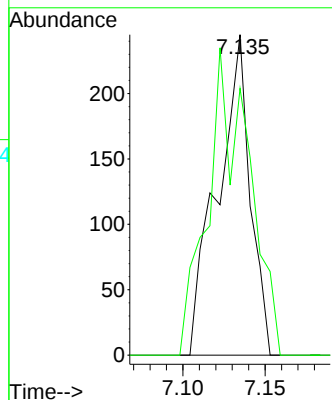
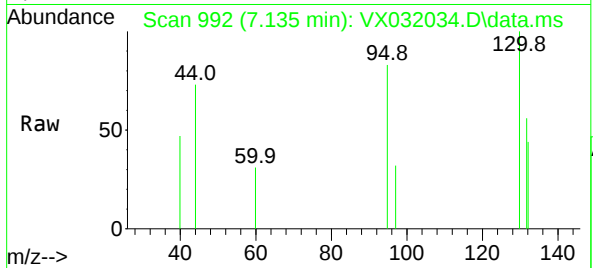




#44
Trichloroethene
Concen: 0.230 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX032034.D
Acq: 11 Oct 2022 14:12

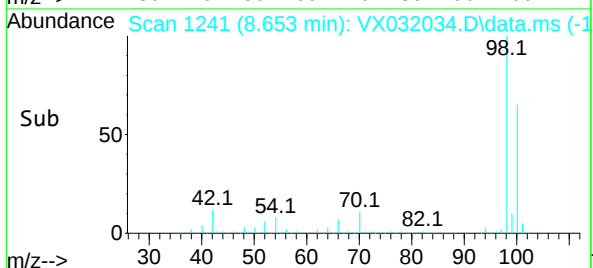
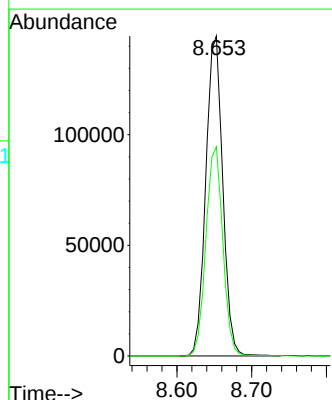
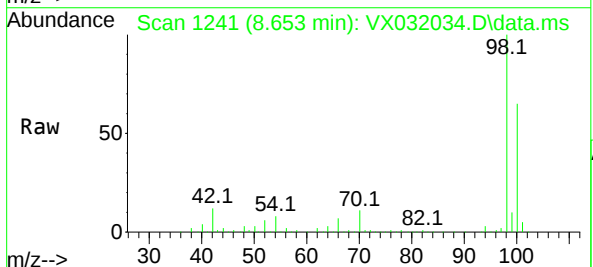
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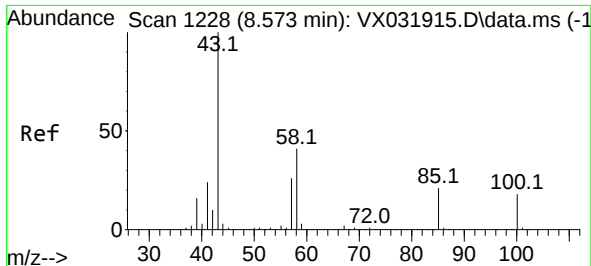
Tgt Ion:130 Resp: 338
Ion Ratio Lower Upper
130 100
95 83.3 0.0 206.8



#50
Toluene-d8
Concen: 48.931 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX032034.D
Acq: 11 Oct 2022 14:12

Tgt Ion: 98 Resp: 227290
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.726 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.080 min

Lab File: VX032034.D

Acq: 11 Oct 2022 14:12

Instrument :

MSVOA_X

ClientSampleId :

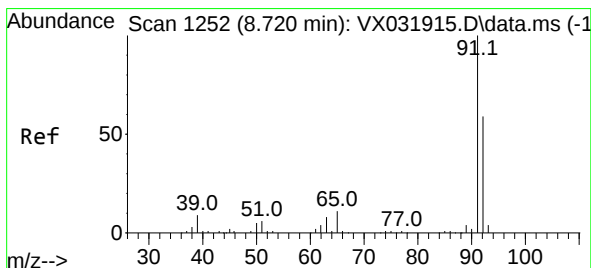
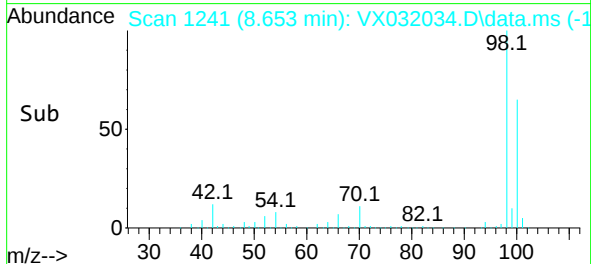
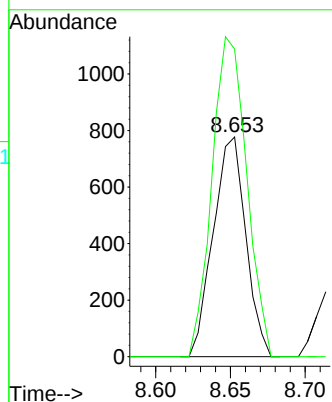
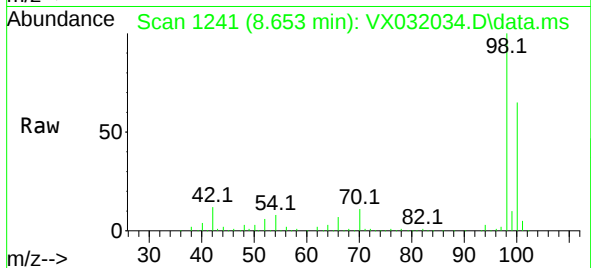
GWOW-BR-01-255-275-101022

Tgt Ion: 43 Resp: 1176

Ion Ratio Lower Upper

43 100

58 155.1 30.6 46.0#



#52

Toluene

Concen: 10.179 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX032034.D

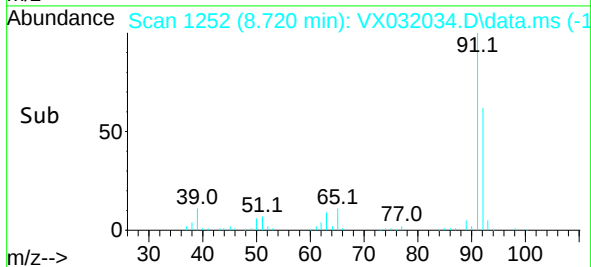
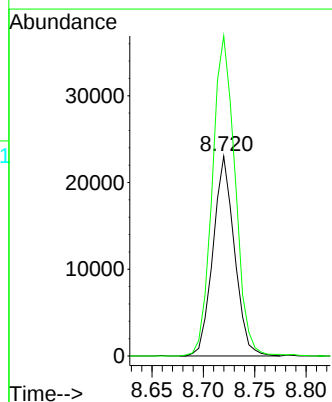
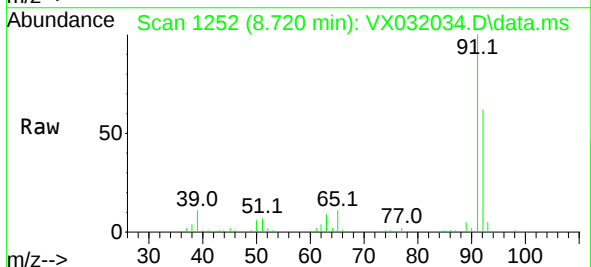
Acq: 11 Oct 2022 14:12

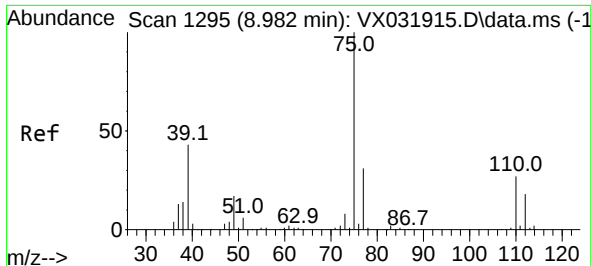
Tgt Ion: 92 Resp: 33359

Ion Ratio Lower Upper

92 100

91 170.9 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 1.410 ug/l

RT: 8.720 min Scan# 11

Delta R.T. -0.262 min

Lab File: VX032034.D

Acq: 11 Oct 2022 14:12

Instrument :

MSVOA_X

ClientSampleId :

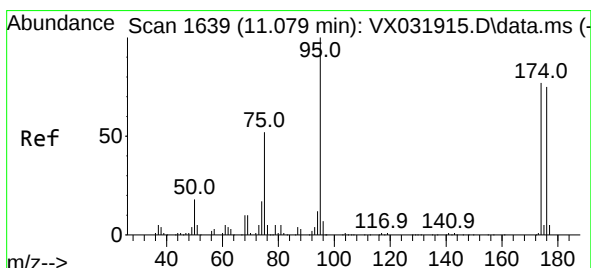
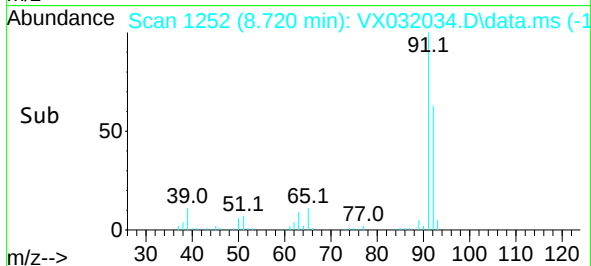
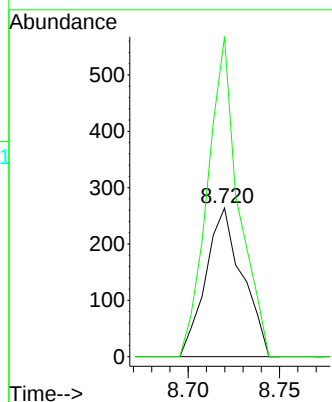
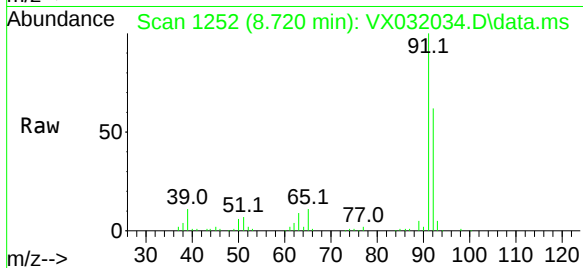
GWOW-BR-01-255-275-101022

Tgt Ion: 75 Resp: 368

Ion Ratio Lower Upper

75 100

77 215.2 24.8 37.2#



#62

4-Bromofluorobenzene

Concen: 45.113 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032034.D

Acq: 11 Oct 2022 14:12

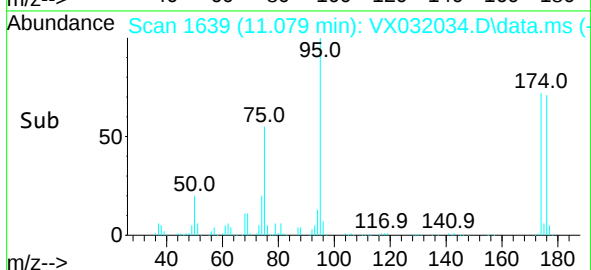
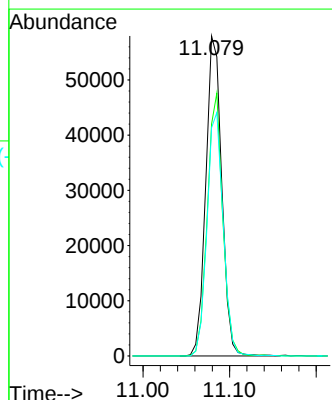
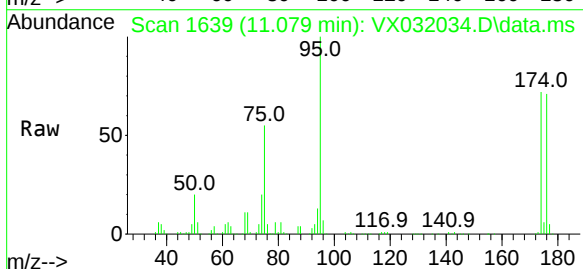
Tgt Ion: 95 Resp: 74084

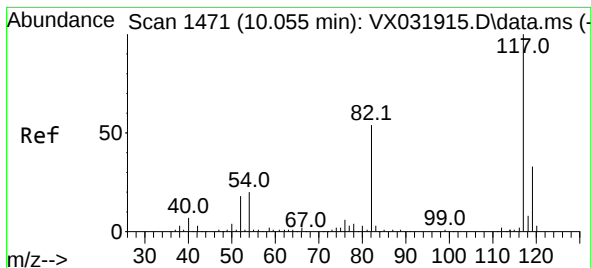
Ion Ratio Lower Upper

95 100

174 79.7 0.0 153.2

176 77.0 0.0 144.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX032034.D

Acq: 11 Oct 2022 14:12

Instrument :

MSVOA_X

ClientSampleId :

GWOW-BR-01-255-275-101022

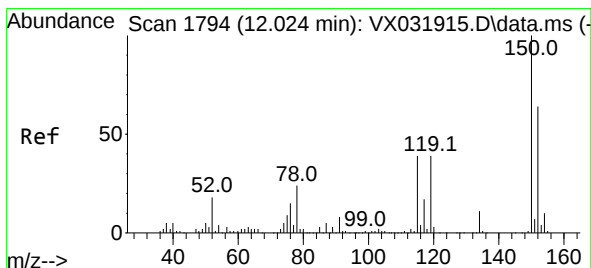
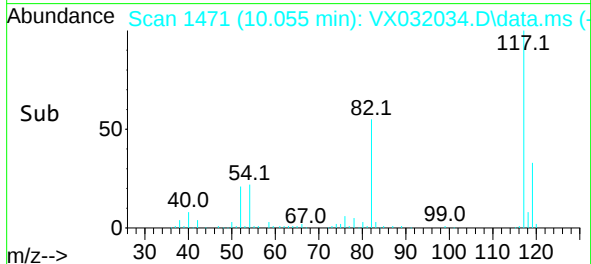
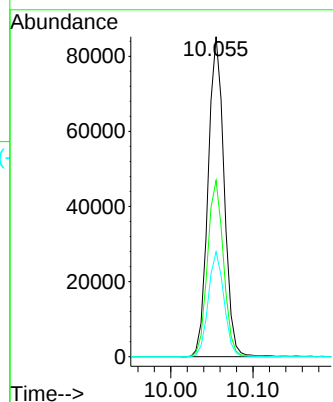
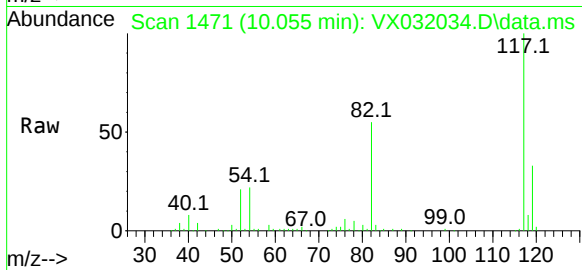
Tgt Ion:117 Resp: 115163

Ion Ratio Lower Upper

117 100

82 55.1 46.8 70.2

119 32.8 26.4 39.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX032034.D

Acq: 11 Oct 2022 14:12

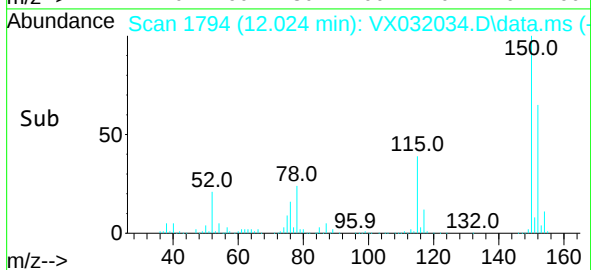
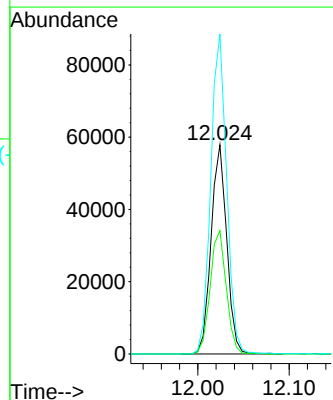
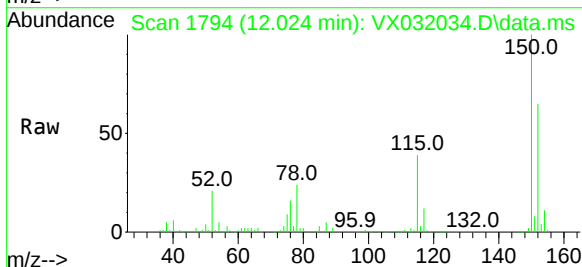
Tgt Ion:152 Resp: 68758

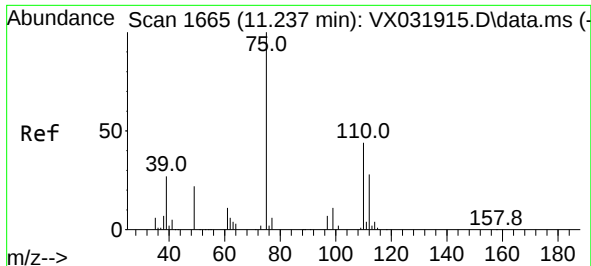
Ion Ratio Lower Upper

152 100

115 60.5 43.4 130.1

150 155.2 0.0 346.8

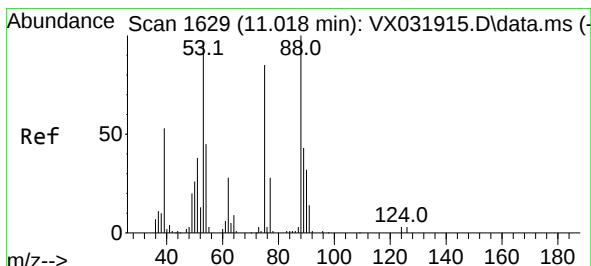
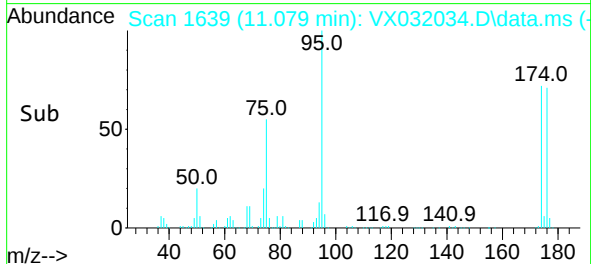
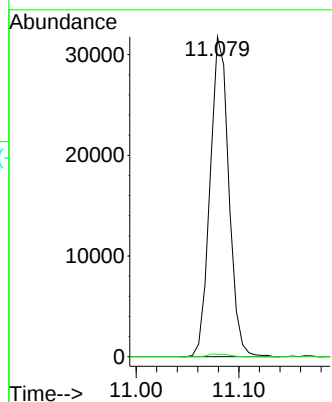
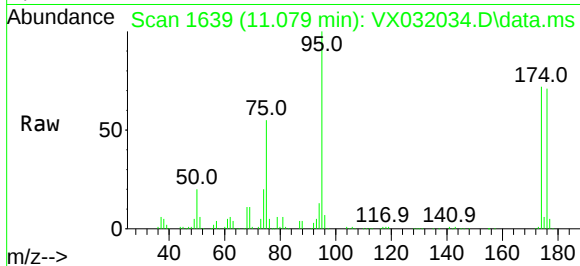




#76
1,2,3-Trichloropropane
Concen: 28.607 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX032034.D
Acq: 11 Oct 2022 14:12

Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-01-255-275-101022

Tgt Ion: 75 Resp: 40313
Ion Ratio Lower Upper
75 100
77 0.9 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.810 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032034.D
Acq: 11 Oct 2022 14:12

Tgt Ion: 75 Resp: 40313
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

