

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100722\
 Data File : VX031984.D
 Acq On : 08 Oct 2022 01:33
 Operator : JC/MD
 Sample : N4937-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-115

Quant Time: Oct 08 06:34:27 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)

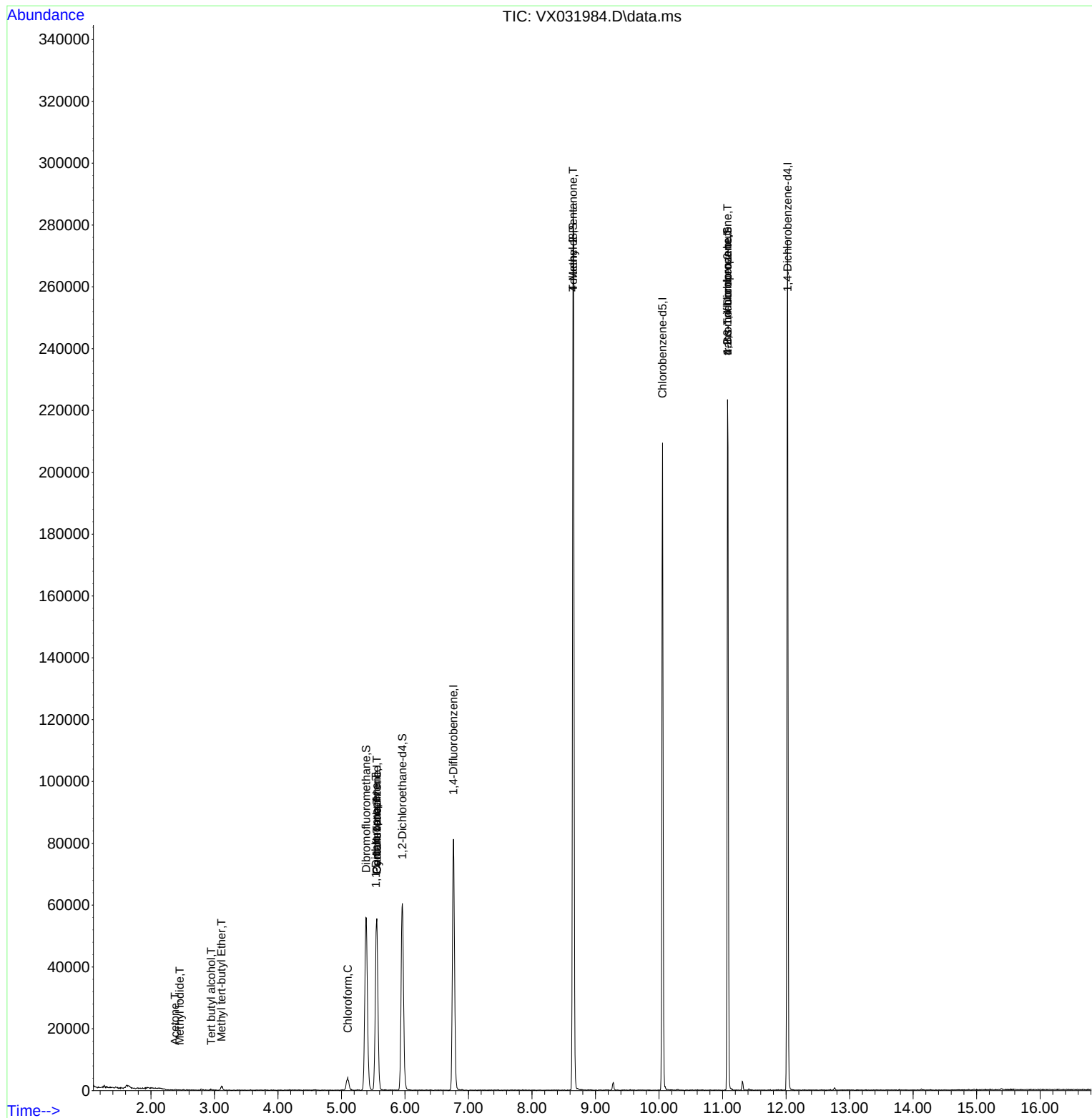
Internal Standards						
1) Pentafluorobenzene	5.556	168	52813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	82943	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	90072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55766	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	57298	52.533	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.060%			
35) Dibromofluoromethane	5.385	113	47876	50.993	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.980%			
50) Toluene-d8	8.647	98	171837	50.864	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.720%			
62) 4-Bromofluorobenzene	11.079	95	59355	49.697	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.400%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	174	Below Cal	#	80
10) Methyl Iodide	2.453	142	143	2.907	ug/l #	38
11) Tert butyl alcohol	2.946	59	76	0.560	ug/l #	73
16) Acetone	2.380	43	243	0.656	ug/l #	45
19) Methyl tert-butyl Ether	3.111	73	1480	0.548	ug/l #	83
30) Chloroform	5.099	83	4937	2.873	ug/l	94
31) Cyclohexane	5.556	56	1132	0.869	ug/l #	40
36) 1,1-Dichloropropene	5.544	75	3934	3.160	ug/l #	46
38) Carbon Tetrachloride	5.556	117	5372	4.220	ug/l #	18
51) 4-Methyl-2-Pentanone	8.647	43	806	0.684	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	30564	26.742	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	30564	91.667	ug/l #	11

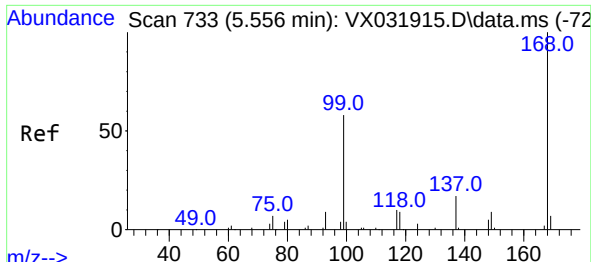
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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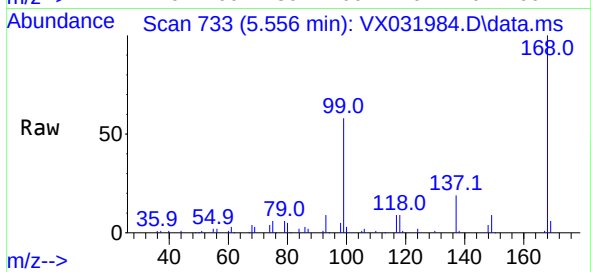
Quant Time: Oct 08 06:34:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
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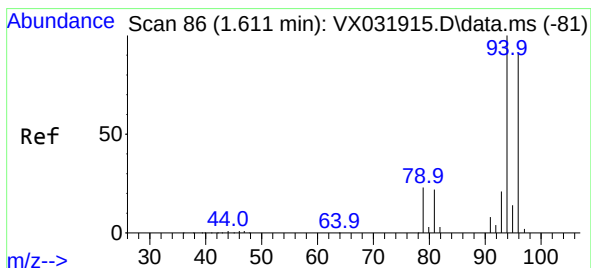
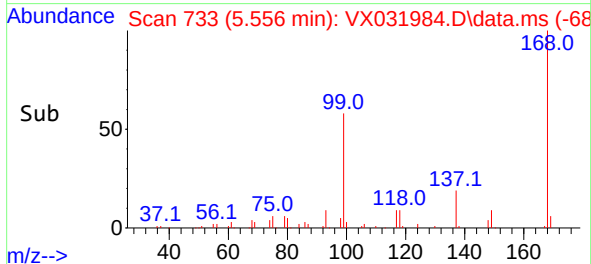
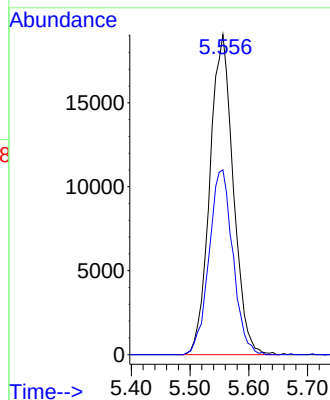


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031984.D
Acq: 08 Oct 2022 01:33

Instrument :
MSVOA_X
ClientSampleId :
MW-115

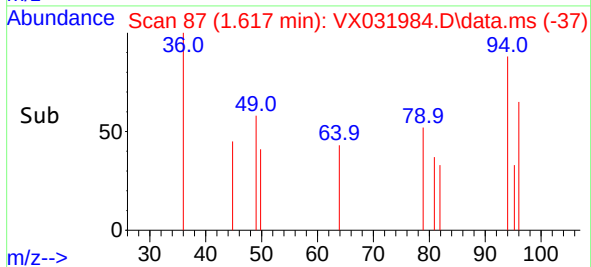
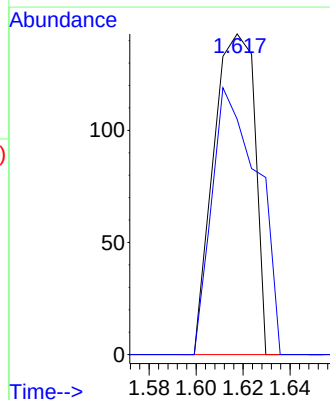
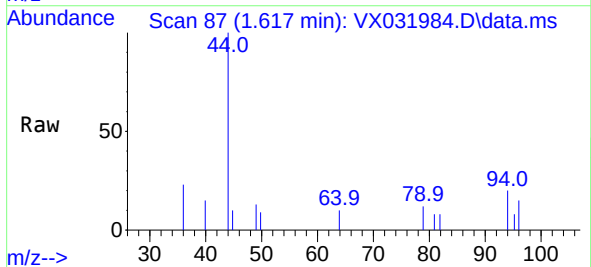


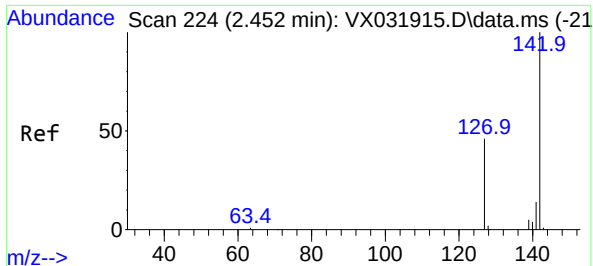
Tgt Ion:168 Resp: 52813
Ion Ratio Lower Upper
168 100
99 57.8 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX031984.D
Acq: 08 Oct 2022 01:33

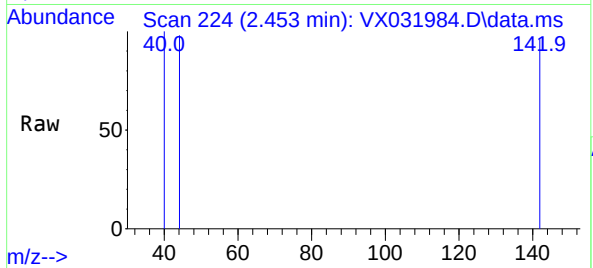
Tgt Ion: 94 Resp: 174
Ion Ratio Lower Upper
94 100
96 73.4 74.4 111.6#



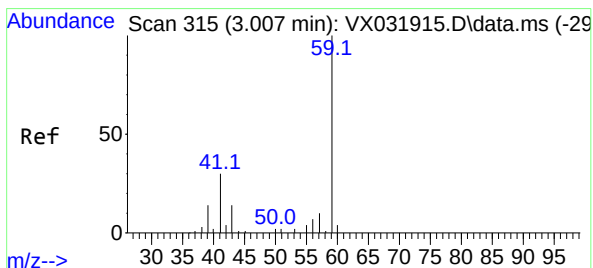
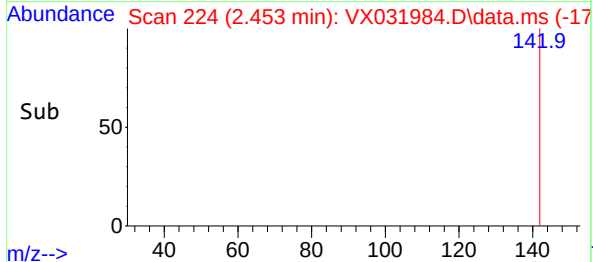
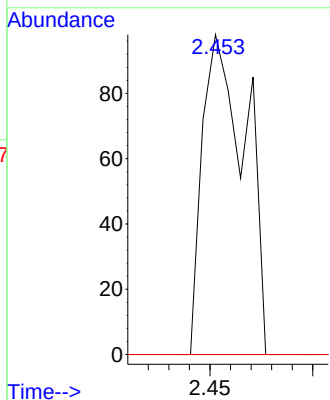


#10
Methyl Iodide
Concen: 2.907 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX031984.D
Acq: 08 Oct 2022 01:33

Instrument :
MSVOA_X
ClientSampleId :
MW-115

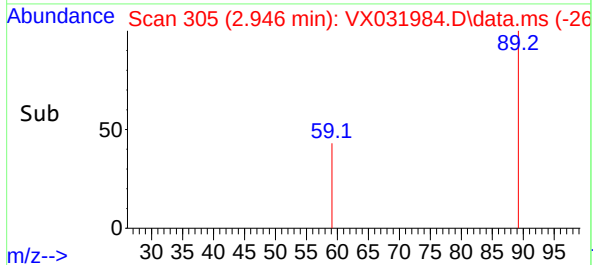
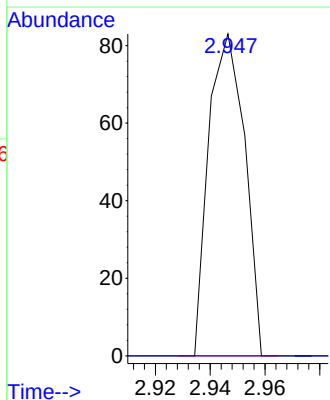
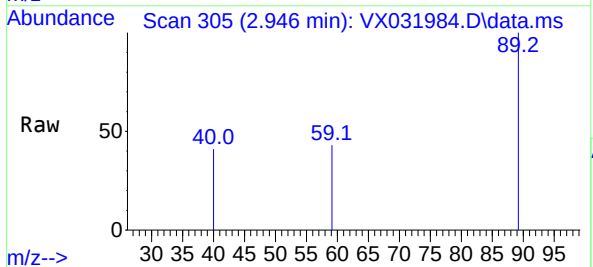


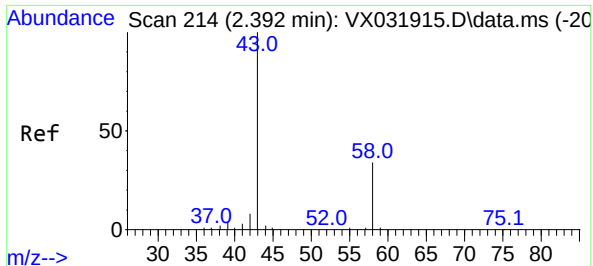
Tgt Ion:142 Resp: 143
Ion Ratio Lower Upper
142 100
127 0.0 37.4 56.0#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 0.560 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.061 min
Lab File: VX031984.D
Acq: 08 Oct 2022 01:33

Tgt Ion: 59 Resp: 76
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

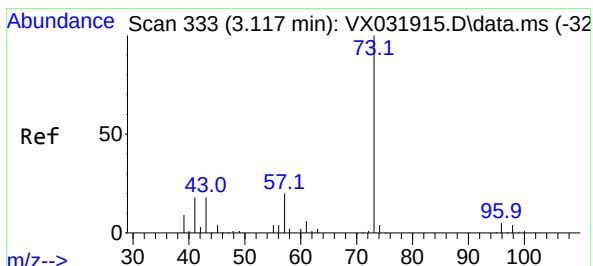
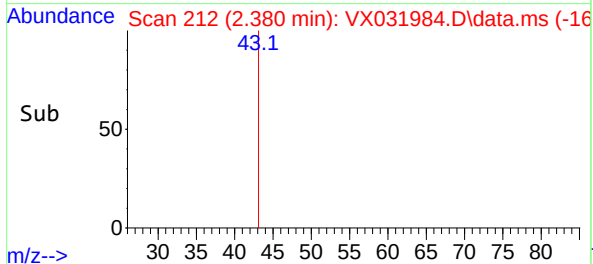
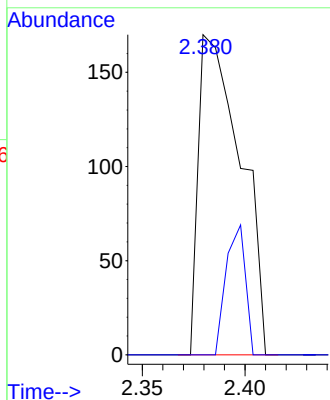
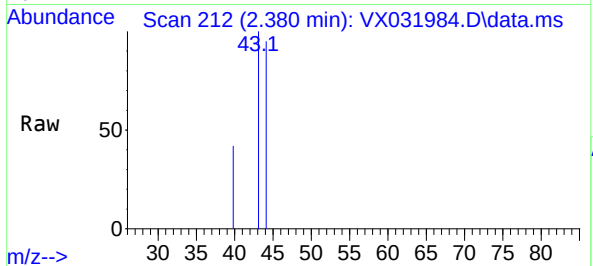




#16
Acetone
Concen: 0.656 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX031984.D
Acq: 08 Oct 2022 01:33

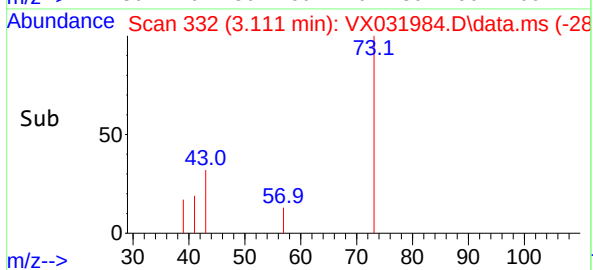
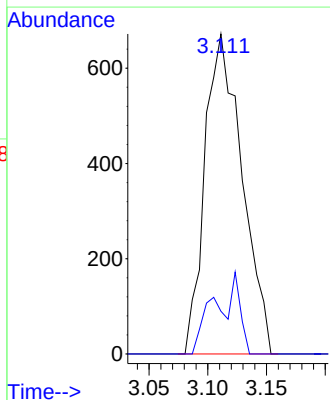
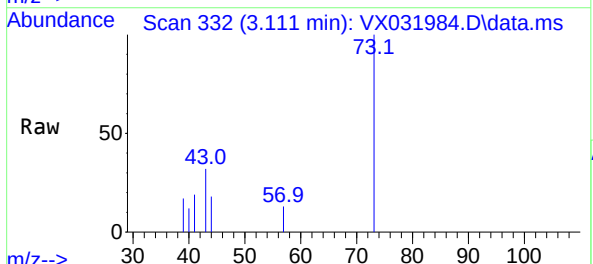
Instrument :
MSVOA_X
ClientSampleId :
MW-115

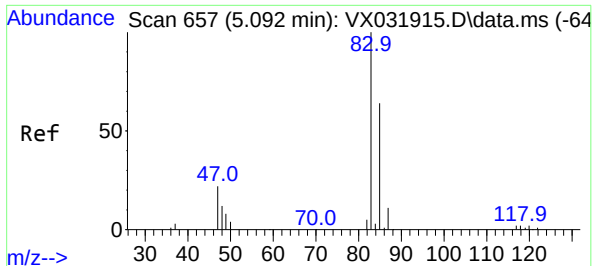
Tgt Ion: 43 Resp: 243
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#19
Methyl tert-butyl Ether
Concen: 0.548 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX031984.D
Acq: 08 Oct 2022 01:33

Tgt Ion: 73 Resp: 1480
Ion Ratio Lower Upper
73 100
57 13.4 17.2 25.8#





#30

Chloroform

Concen: 2.873 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.007 min

Lab File: VX031984.D

Acq: 08 Oct 2022 01:33

Instrument :

MSVOA_X

ClientSampleId :

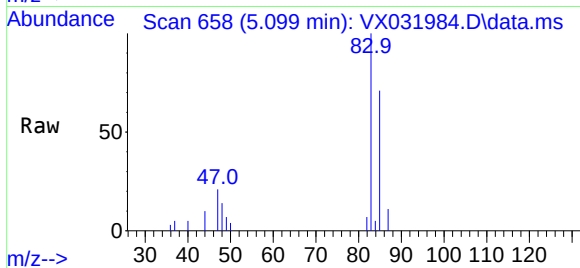
MW-115

Tgt Ion: 83 Resp: 4937

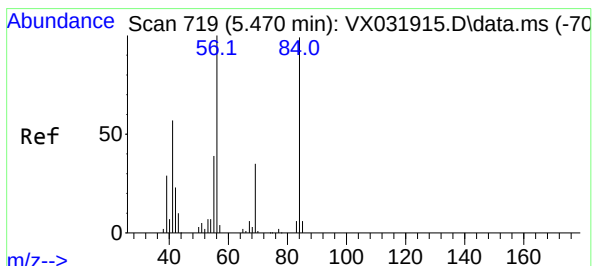
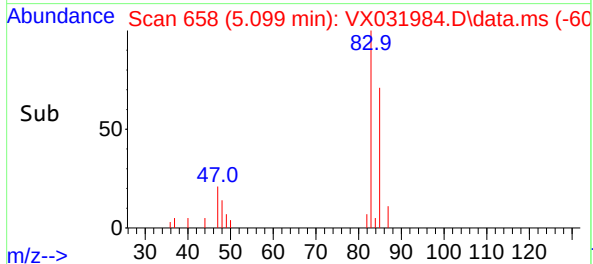
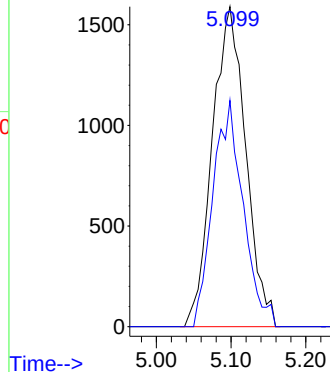
Ion Ratio Lower Upper

83 100

85 70.7 52.8 79.2



Abundance



#31

Cyclohexane

Concen: 0.869 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.086 min

Lab File: VX031984.D

Acq: 08 Oct 2022 01:33

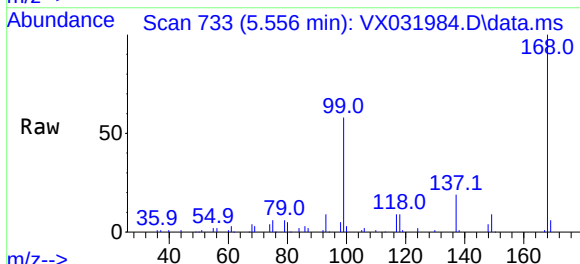
Tgt Ion: 56 Resp: 1132

Ion Ratio Lower Upper

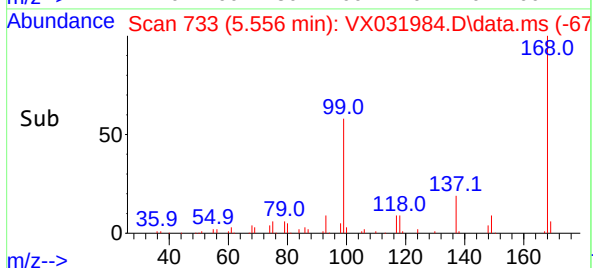
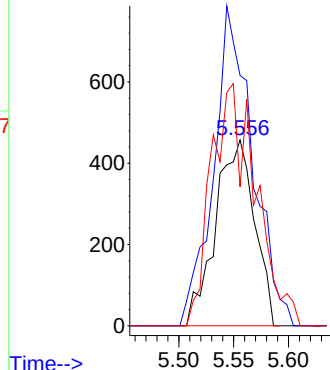
56 100

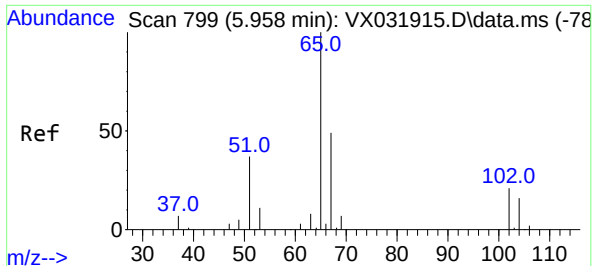
69 134.8 25.1 37.7#

84 74.8 70.2 105.4



Abundance





#33

1,2-Dichloroethane-d4

Concen: 52.533 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031984.D

Acq: 08 Oct 2022 01:33

Instrument :

MSVOA_X

ClientSampleId :

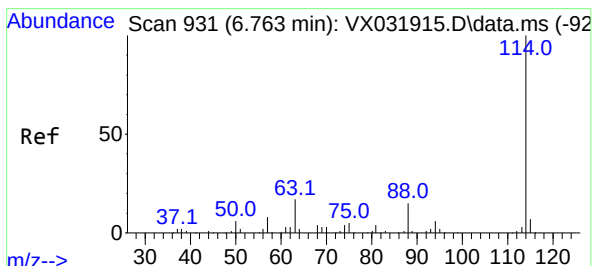
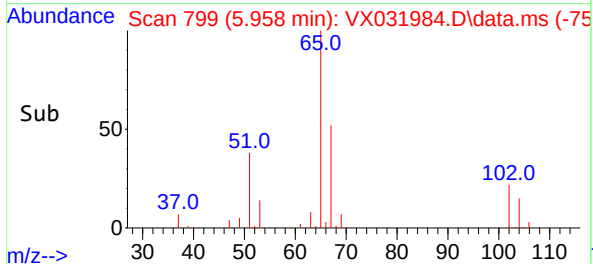
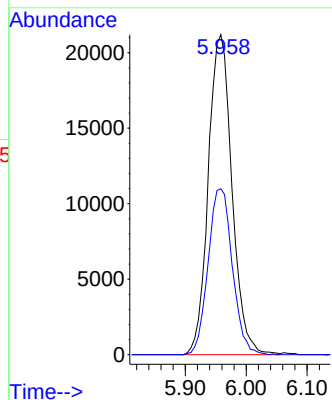
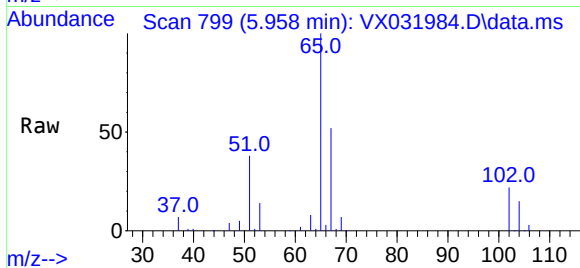
MW-115

Tgt Ion: 65 Resp: 57298

Ion Ratio Lower Upper

65 100

67 53.0 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX031984.D

Acq: 08 Oct 2022 01:33

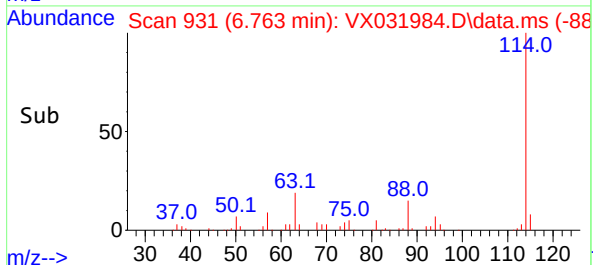
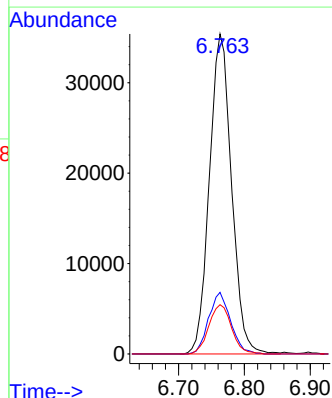
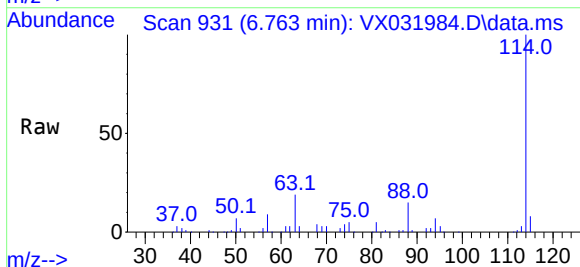
Tgt Ion: 114 Resp: 82943

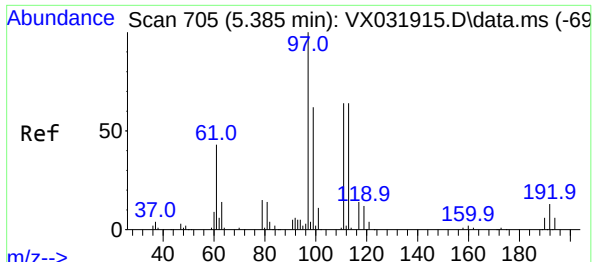
Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.6

88 15.4 0.0 33.0

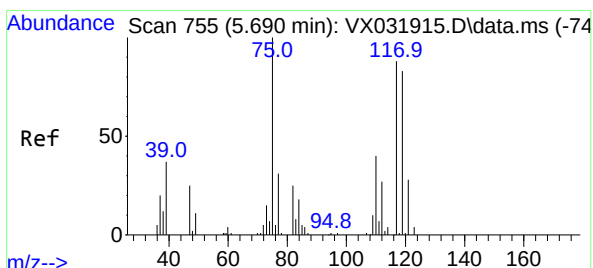
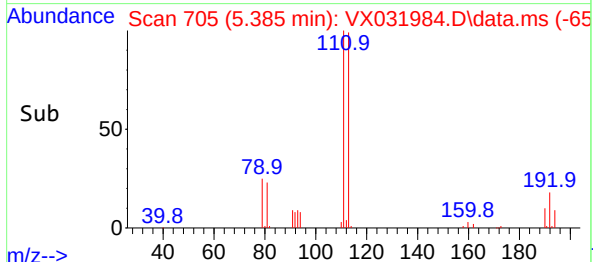
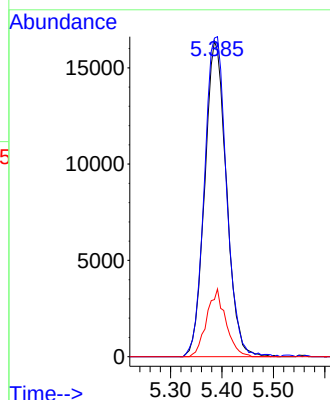
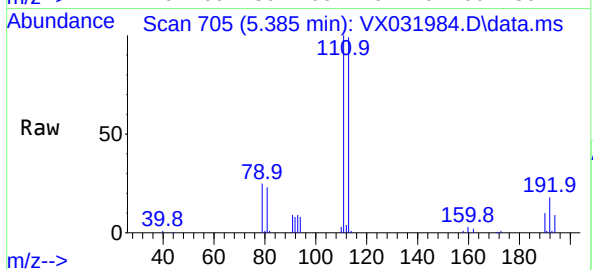




#35
Dibromofluoromethane
Concen: 50.993 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031984.D
Acq: 08 Oct 2022 01:33

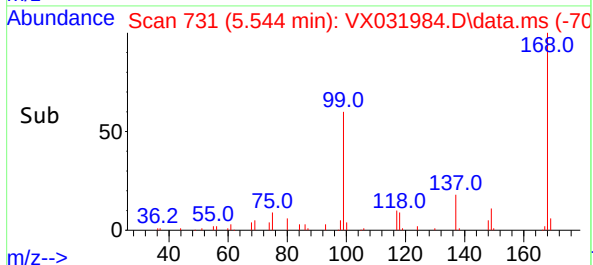
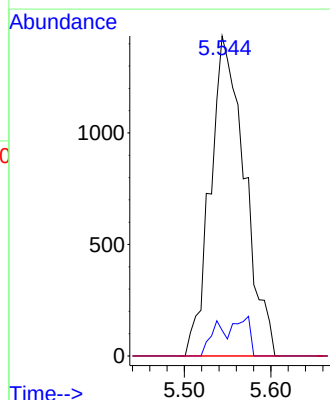
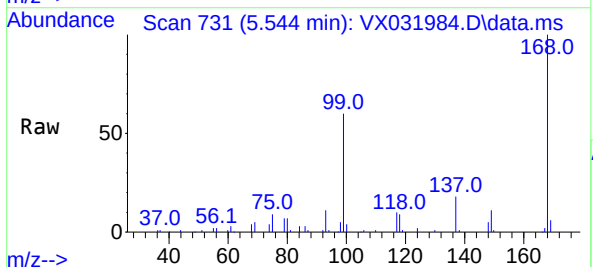
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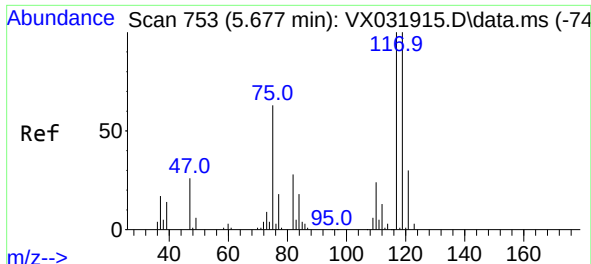
Tgt Ion:113 Resp: 47876
Ion Ratio Lower Upper
113 100
111 103.7 82.4 123.6
192 19.0 14.1 21.1



#36
1,1-Dichloropropene
Concen: 3.160 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX031984.D
Acq: 08 Oct 2022 01:33

Tgt Ion: 75 Resp: 3934
Ion Ratio Lower Upper
75 100
110 4.7 17.5 52.5#
77 0.0 24.9 37.3#

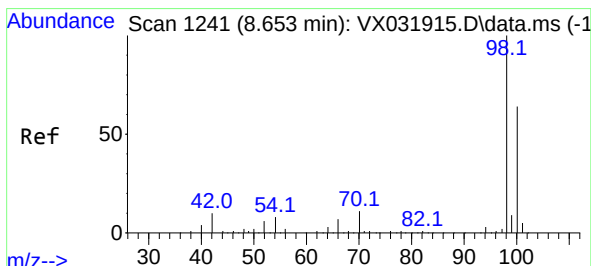
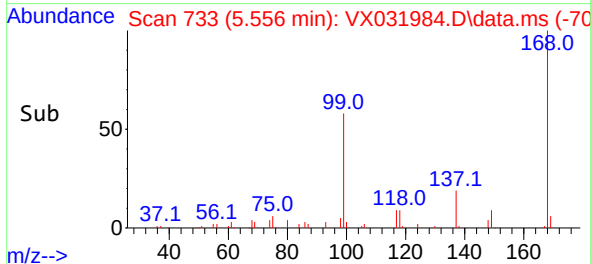
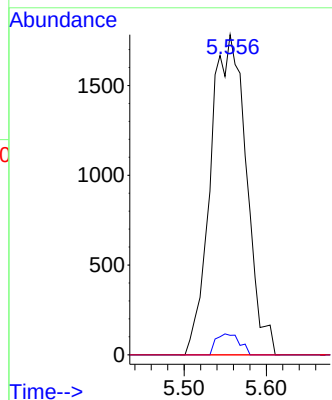
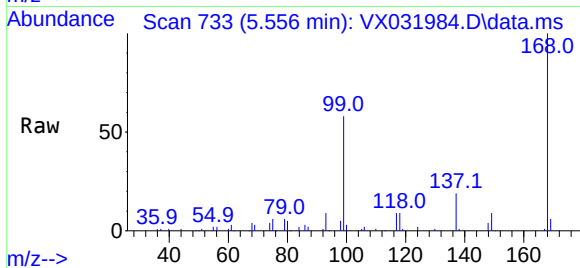




#38
Carbon Tetrachloride
Concen: 4.220 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX031984.D
Acq: 08 Oct 2022 01:33

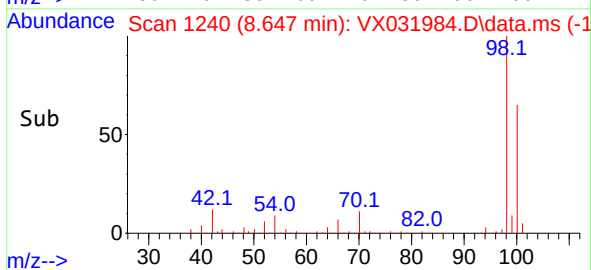
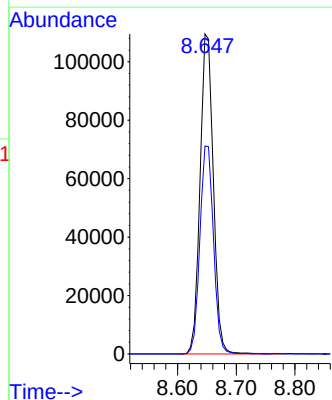
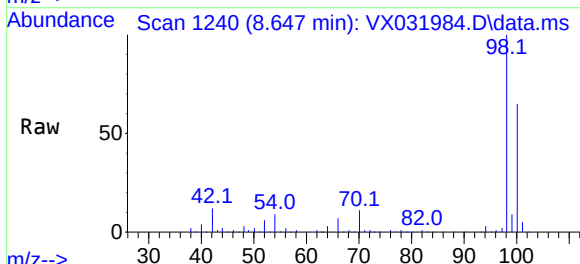
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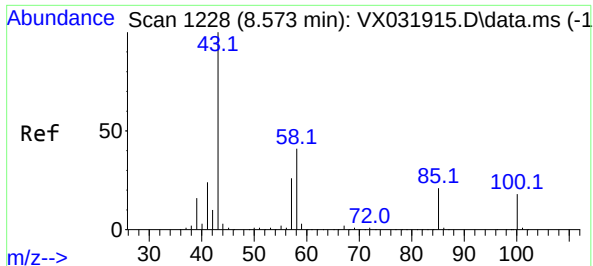
Tgt Ion:117 Resp: 5372
Ion Ratio Lower Upper
117 100
119 6.1 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 50.864 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031984.D
Acq: 08 Oct 2022 01:33

Tgt Ion: 98 Resp: 171837
Ion Ratio Lower Upper
98 100
100 66.5 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.684 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.074 min

Lab File: VX031984.D

Acq: 08 Oct 2022 01:33

Instrument :

MSVOA_X

ClientSampleId :

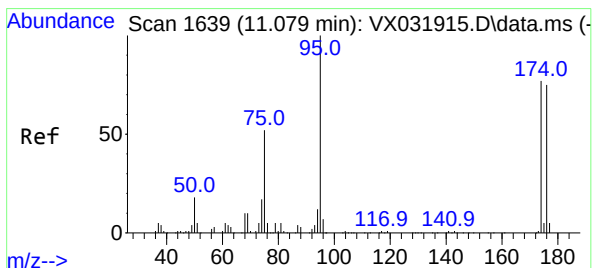
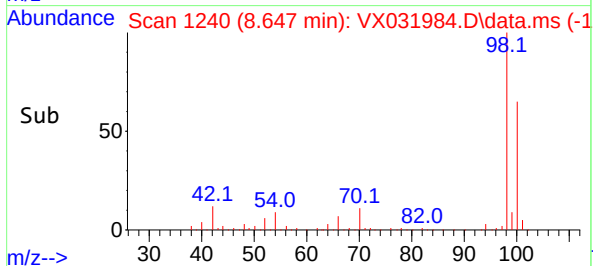
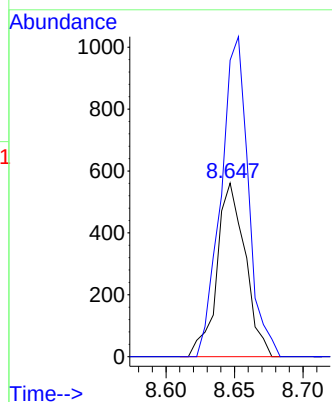
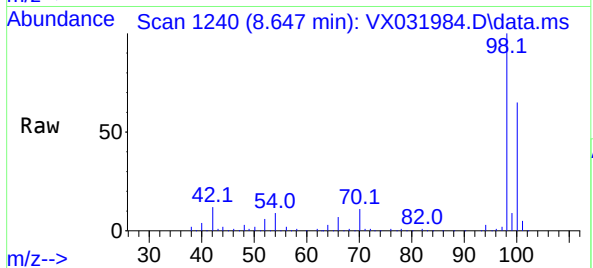
MW-115

Tgt Ion: 43 Resp: 806

Ion Ratio Lower Upper

43 100

58 178.8 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 49.697 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031984.D

Acq: 08 Oct 2022 01:33

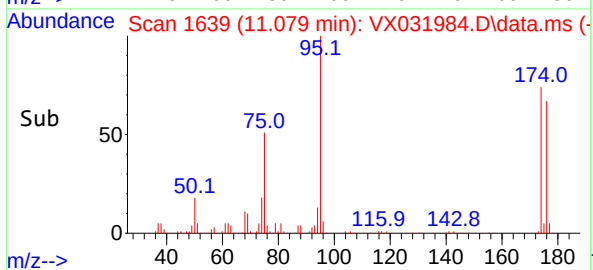
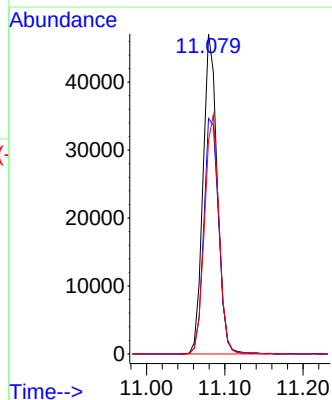
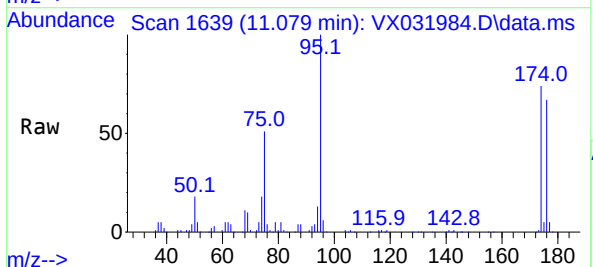
Tgt Ion: 95 Resp: 59355

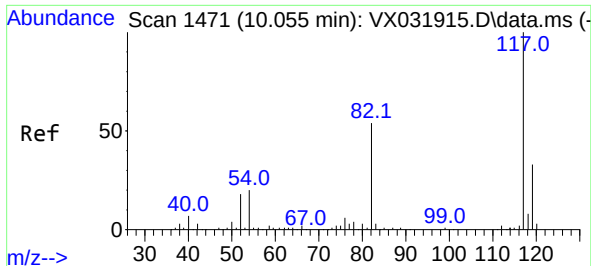
Ion Ratio Lower Upper

95 100

174 77.7 0.0 153.2

176 76.1 0.0 144.0

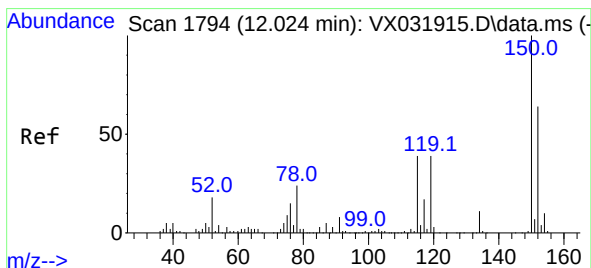
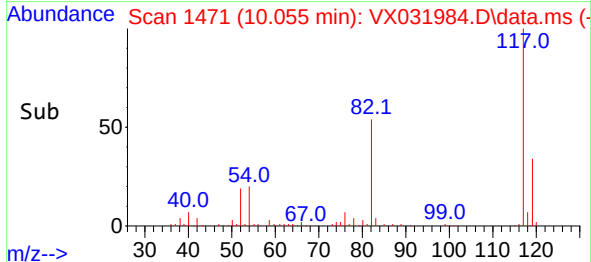
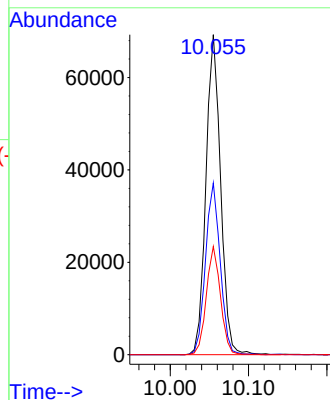
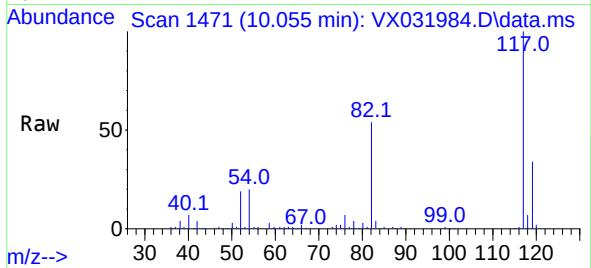




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031984.D
Acq: 08 Oct 2022 01:33

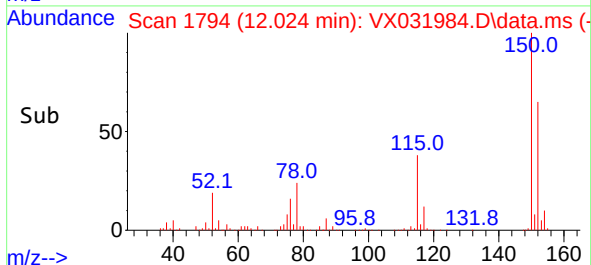
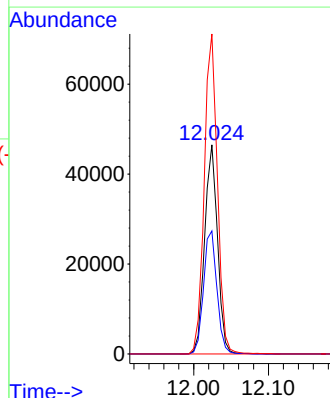
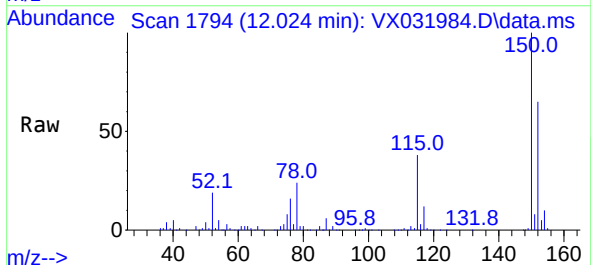
Instrument :
MSVOA_X
ClientSampleId :
MW-115

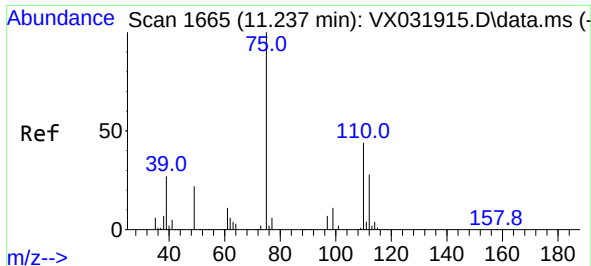
Tgt Ion:117 Resp: 90072
Ion Ratio Lower Upper
117 100
82 53.7 46.8 70.2
119 33.8 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031984.D
Acq: 08 Oct 2022 01:33

Tgt Ion:152 Resp: 55766
Ion Ratio Lower Upper
152 100
115 61.0 43.4 130.1
150 155.9 0.0 346.8

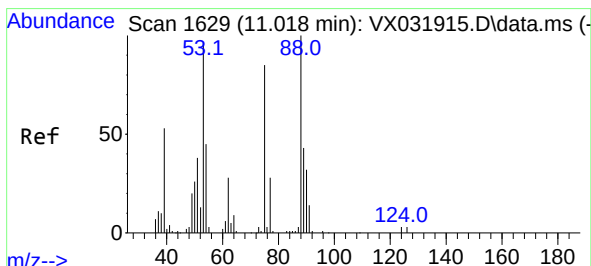
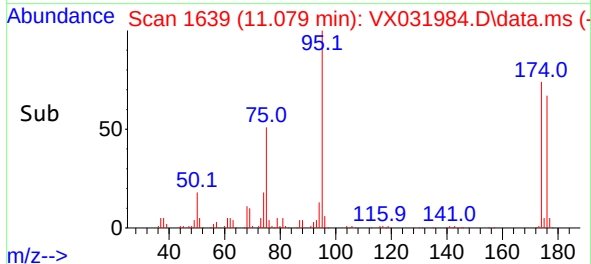
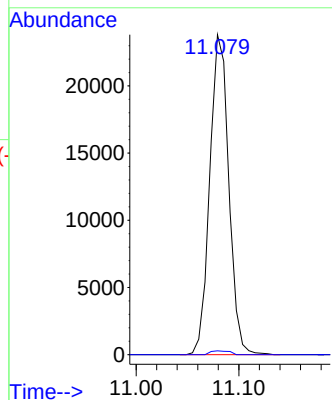
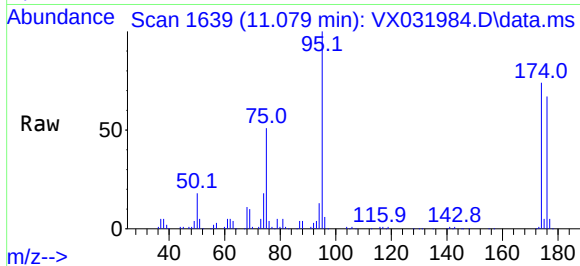




#76
1,2,3-Trichloropropane
Concen: 26.742 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031984.D
Acq: 08 Oct 2022 01:33

Instrument :
MSVOA_X
ClientSampleId :
MW-115

Tgt Ion: 75 Resp: 30564
Ion Ratio Lower Upper
75 100
77 1.2 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.667 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031984.D
Acq: 08 Oct 2022 01:33

Tgt Ion: 75 Resp: 30564
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

