

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100722\
 Data File : VX031973.D
 Acq On : 07 Oct 2022 19:28
 Operator : JC/MD
 Sample : N4883-07RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-139

Quant Time: Oct 08 05:16:43 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)

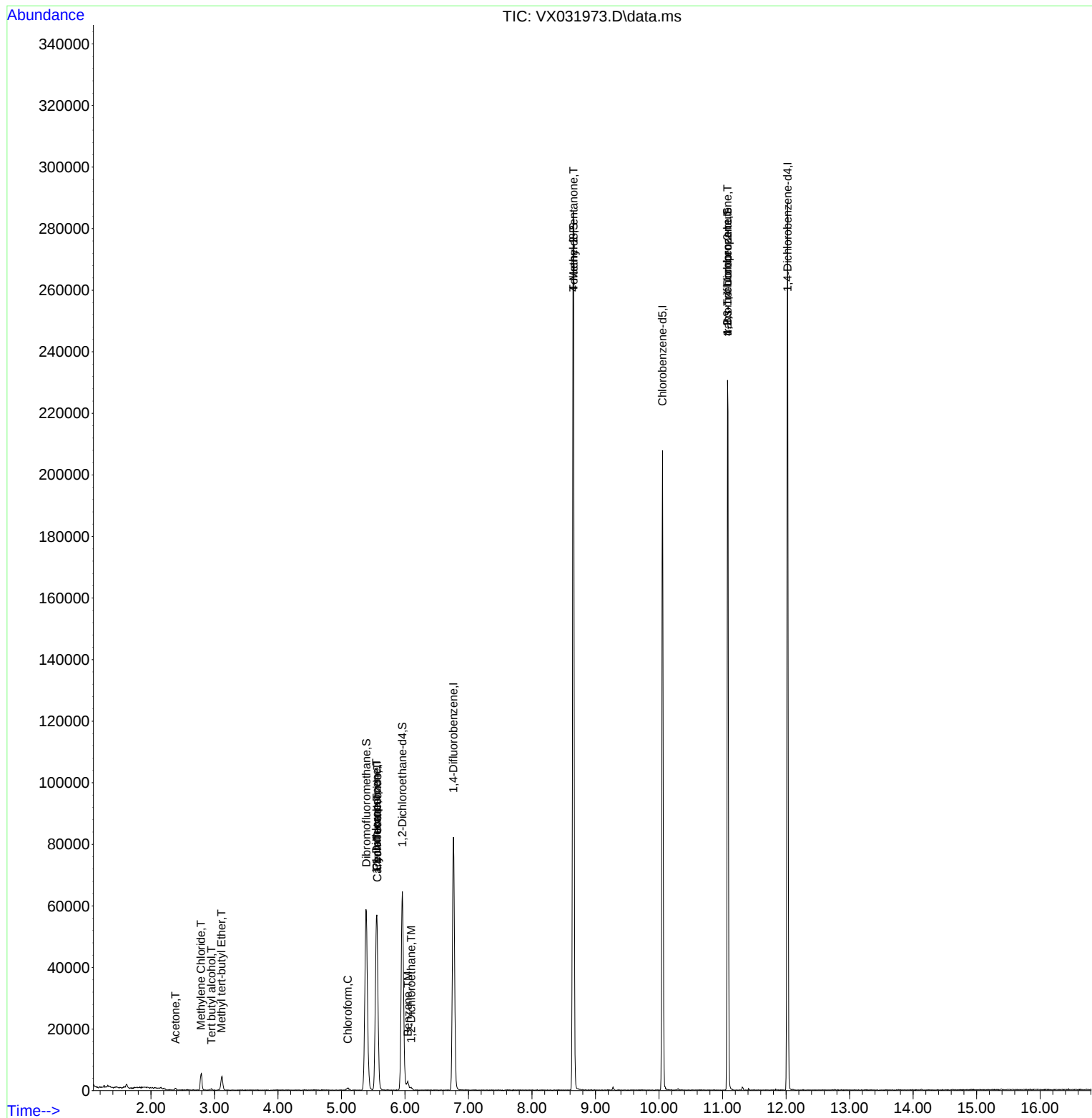
Internal Standards						
1) Pentafluorobenzene	5.556	168	55202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	87070	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	94107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57614	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	59878	52.523	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.040%	
35) Dibromofluoromethane	5.391	113	49744	50.472	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.940%	
50) Toluene-d8	8.653	98	176390	49.737	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.480%	
62) 4-Bromofluorobenzene	11.079	95	61141	48.766	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.540%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	155	Below Cal		81
11) Tert butyl alcohol	2.953	59	250	1.763	ug/l #	73
16) Acetone	2.386	43	672	1.734	ug/l	90
19) Methyl tert-butyl Ether	3.111	73	4668	1.654	ug/l	93
20) Methylene Chloride	2.788	84	2561	2.515	ug/l #	83
30) Chloroform	5.099	83	840	0.468	ug/l #	69
31) Cyclohexane	5.556	56	1229	0.902	ug/l #	30
36) 1,1-Dichloropropene	5.550	75	4266	3.264	ug/l #	51
38) Carbon Tetrachloride	5.562	117	5967	4.465	ug/l #	15
40) Benzene	6.044	78	2997	0.783	ug/l #	90
42) 1,2-Dichloroethane	6.099	62	1198	0.859	ug/l #	75
51) 4-Methyl-2-Pentanone	8.653	43	716	0.579	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	31757	26.894	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	31757	92.170	ug/l #	11

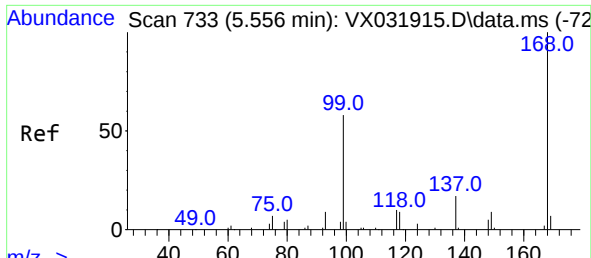
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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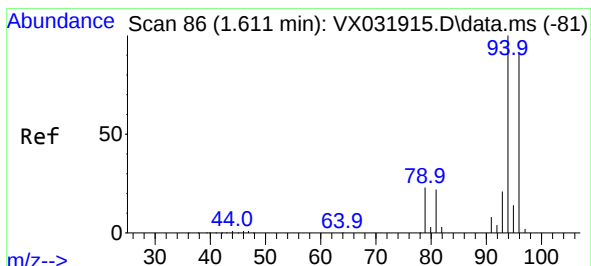
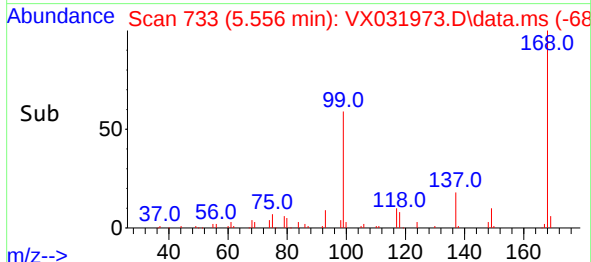
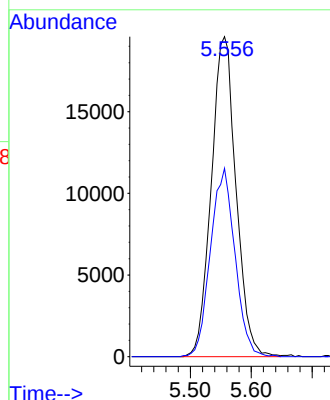
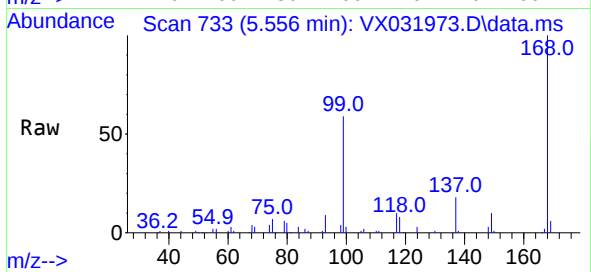




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031973.D
Acq: 07 Oct 2022 19:28

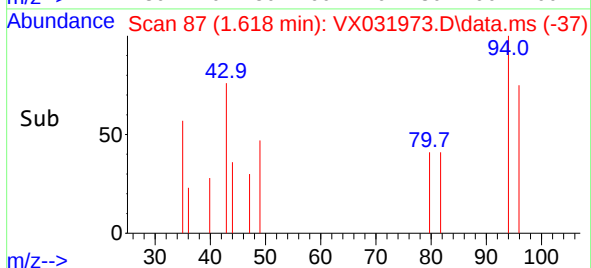
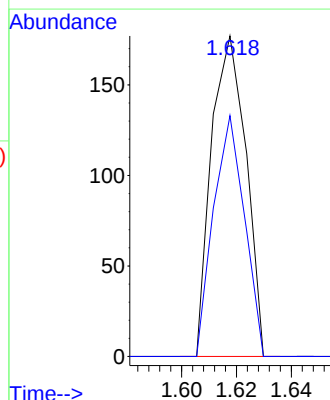
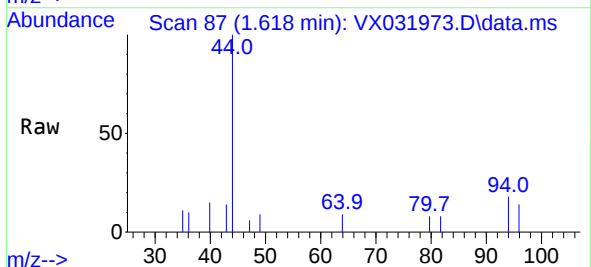
Instrument :
MSVOA_X
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MW-139

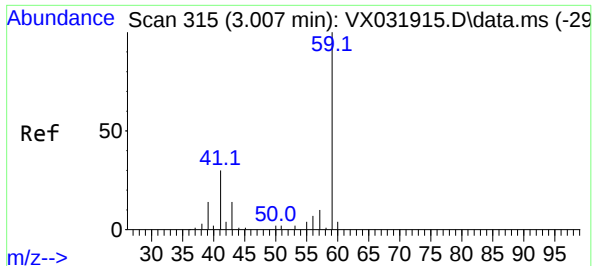
Tgt Ion:168 Resp: 55202
Ion Ratio Lower Upper
168 100
99 58.8 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.007 min
Lab File: VX031973.D
Acq: 07 Oct 2022 19:28

Tgt Ion: 94 Resp: 155
Ion Ratio Lower Upper
94 100
96 75.1 74.4 111.6

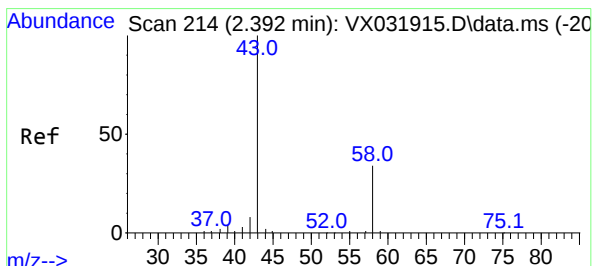
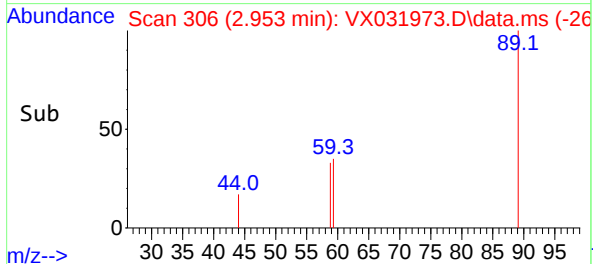
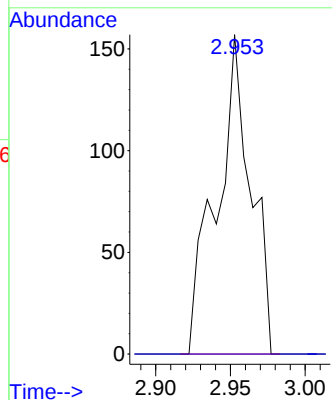
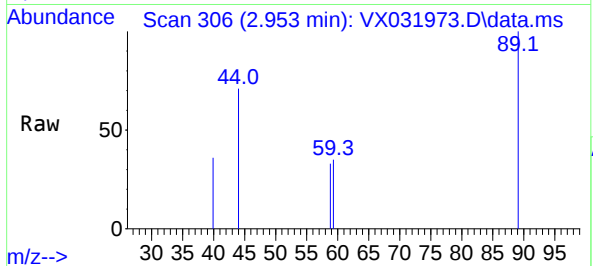




#11
Tert butyl alcohol
Concen: 1.763 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.054 min
Lab File: VX031973.D
Acq: 07 Oct 2022 19:28

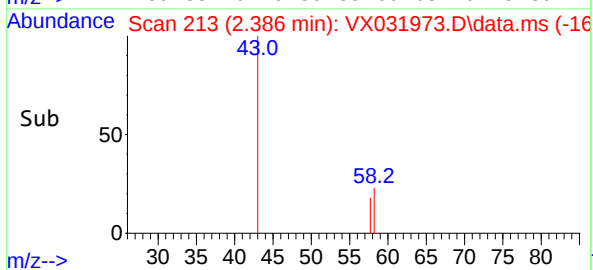
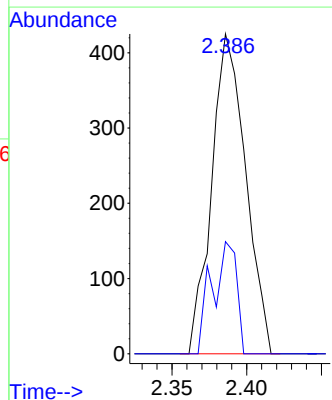
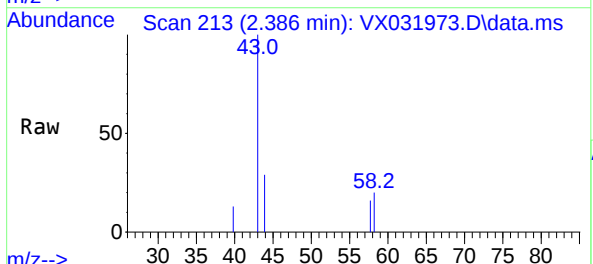
Instrument :
MSVOA_X
ClientSampleId :
MW-139

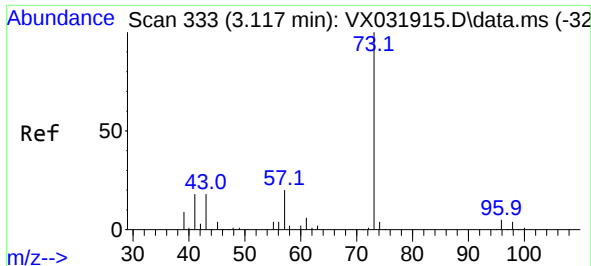
Tgt Ion: 59 Resp: 250
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: 1.734 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX031973.D
Acq: 07 Oct 2022 19:28

Tgt Ion: 43 Resp: 672
Ion Ratio Lower Upper
43 100
58 35.1 23.8 35.8

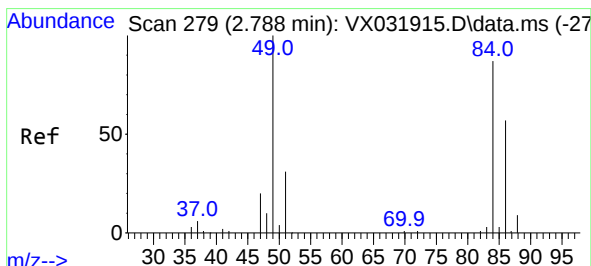
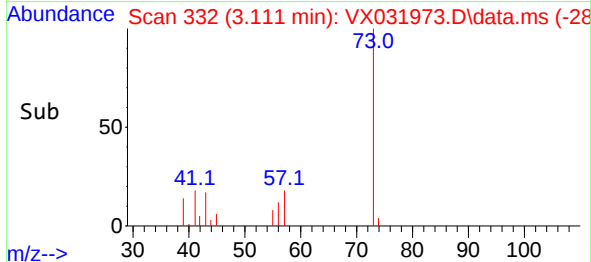
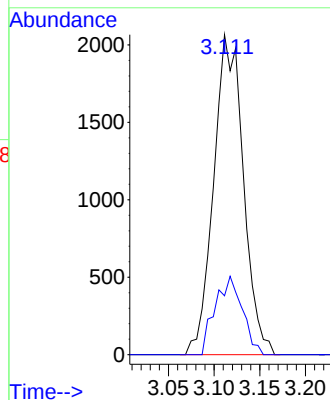
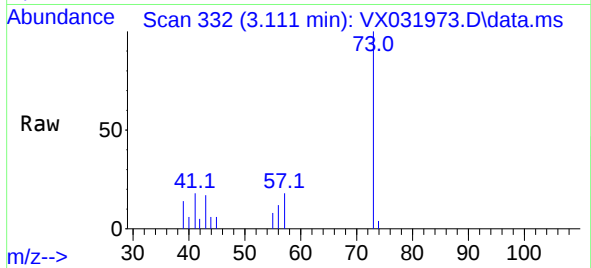




#19
Methyl tert-butyl Ether
Concen: 1.654 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX031973.D
Acq: 07 Oct 2022 19:28

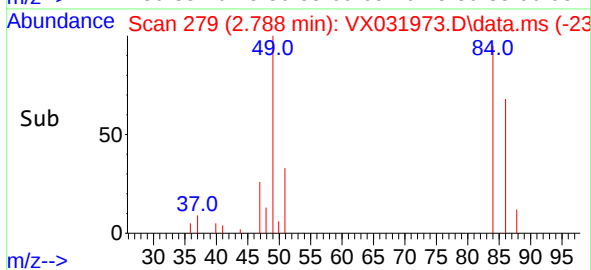
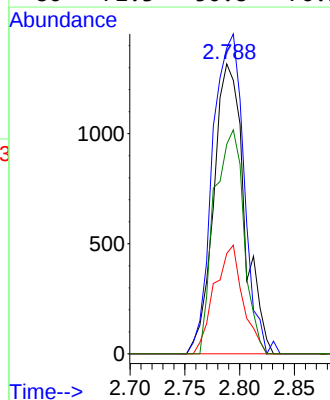
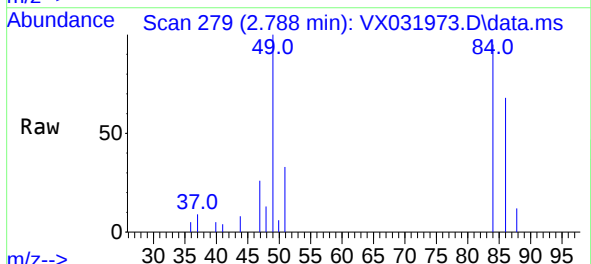
Instrument :
MSVOA_X
ClientSampleId :
MW-139

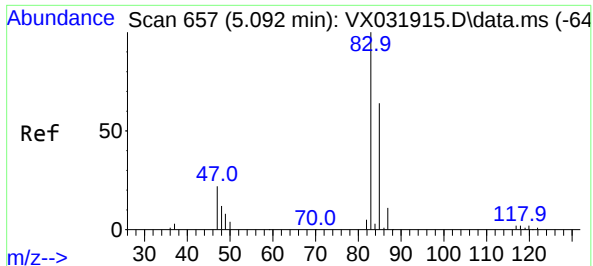
Tgt Ion: 73 Resp: 4668
Ion Ratio Lower Upper
73 100
57 18.4 17.2 25.8



#20
Methylene Chloride
Concen: 2.515 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031973.D
Acq: 07 Oct 2022 19:28

Tgt Ion: 84 Resp: 2561
Ion Ratio Lower Upper
84 100
49 105.5 105.9 158.9#
51 34.6 32.2 48.2
86 72.3 50.8 76.2

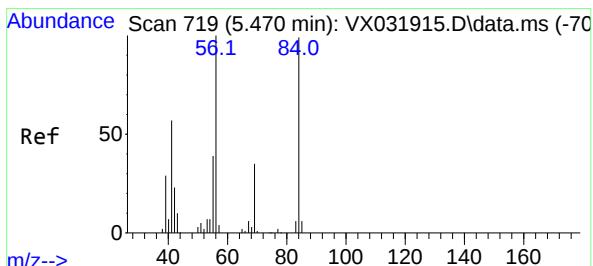
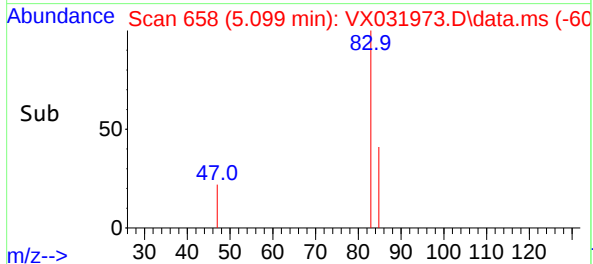
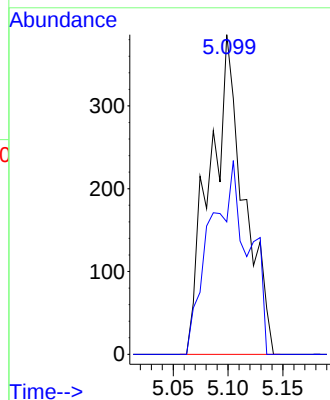
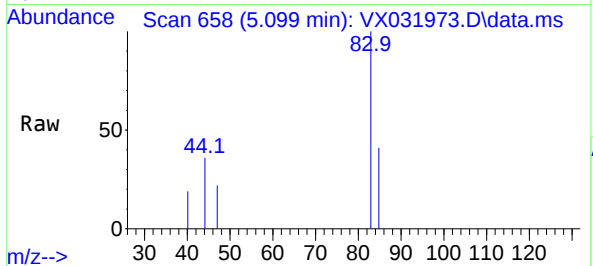




#30
Chloroform
Concen: 0.468 ug/l
RT: 5.099 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX031973.D
Acq: 07 Oct 2022 19:28

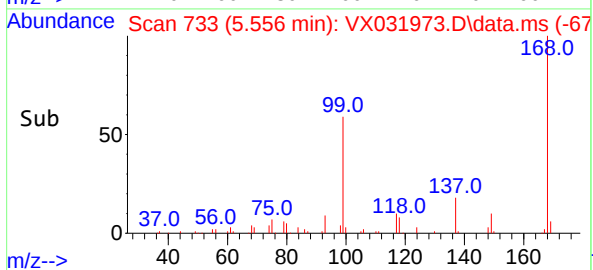
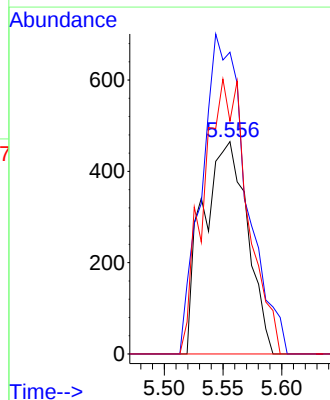
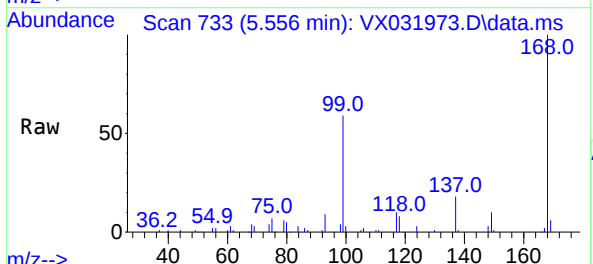
Instrument :
MSVOA_X
ClientSampleId :
MW-139

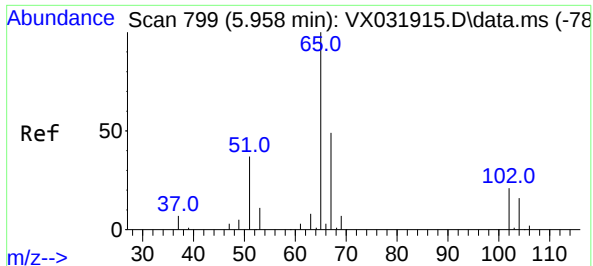
Tgt Ion: 83 Resp: 840
Ion Ratio Lower Upper
83 100
85 41.5 52.8 79.2#



#31
Cyclohexane
Concen: 0.902 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX031973.D
Acq: 07 Oct 2022 19:28

Tgt Ion: 56 Resp: 1229
Ion Ratio Lower Upper
56 100
69 142.2 25.1 37.7#
84 109.7 70.2 105.4#





#33

1,2-Dichloroethane-d4

Concen: 52.523 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031973.D

Acq: 07 Oct 2022 19:28

Instrument :

MSVOA_X

ClientSampleId :

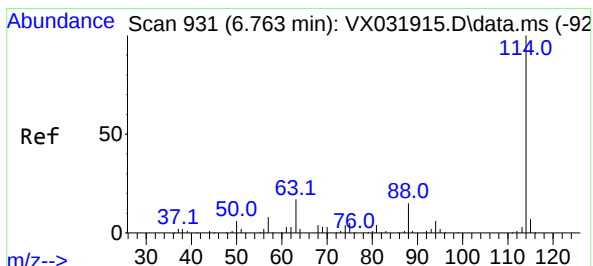
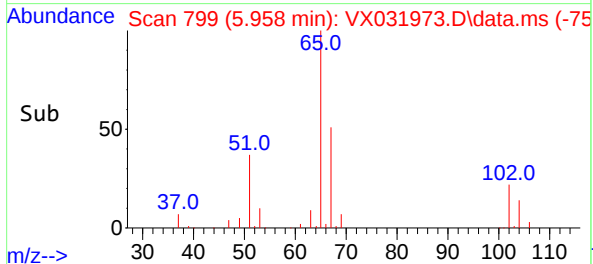
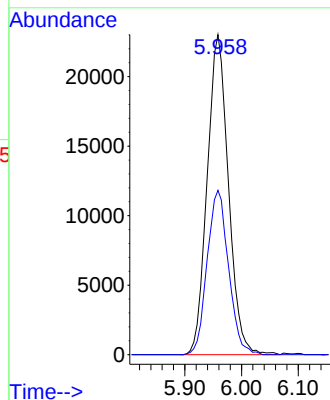
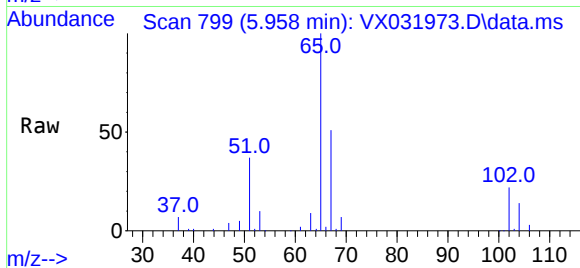
MW-139

Tgt Ion: 65 Resp: 59878

Ion Ratio Lower Upper

65 100

67 51.7 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: VX031973.D

Acq: 07 Oct 2022 19:28

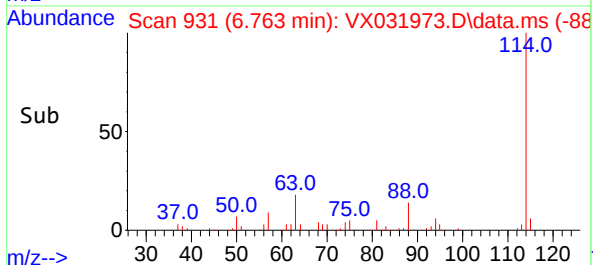
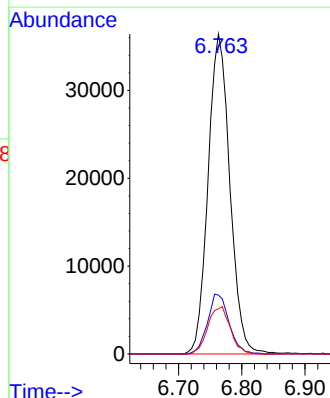
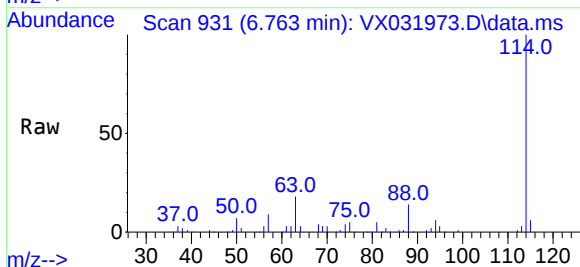
Tgt Ion: 114 Resp: 87070

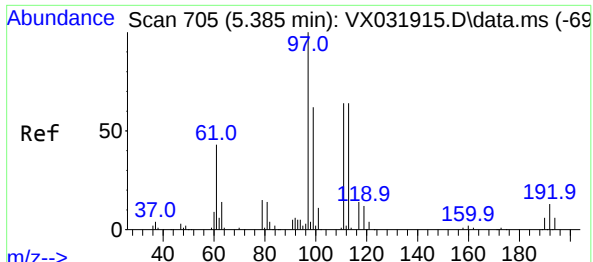
Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.6

88 14.1 0.0 33.0

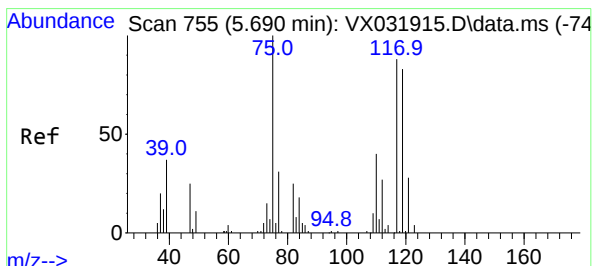
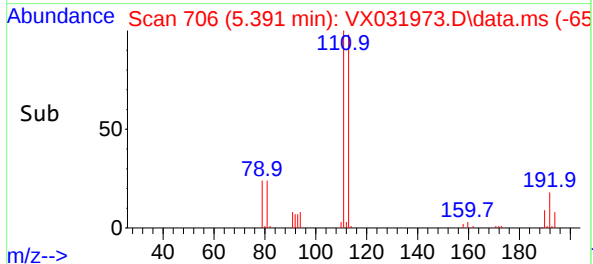
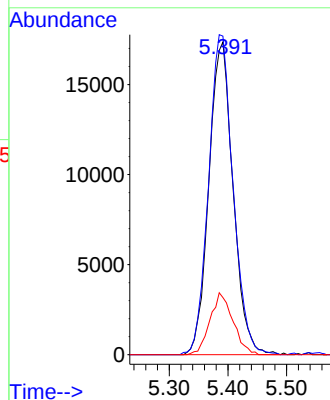
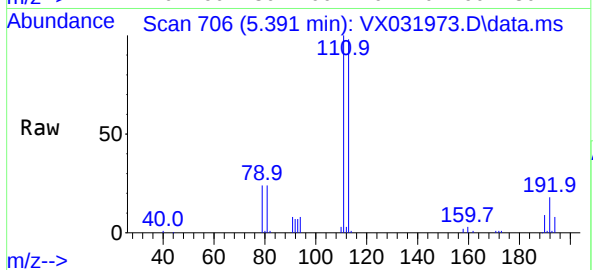




#35
Dibromofluoromethane
Concen: 50.472 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX031973.D
Acq: 07 Oct 2022 19:28

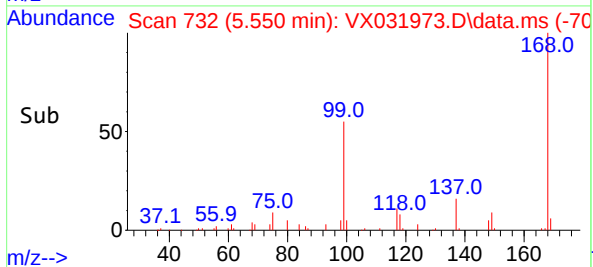
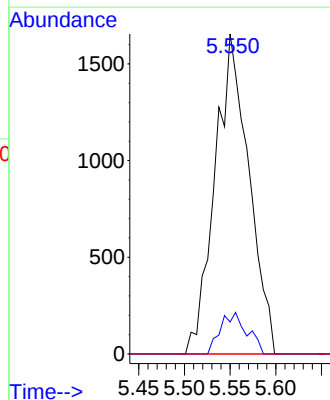
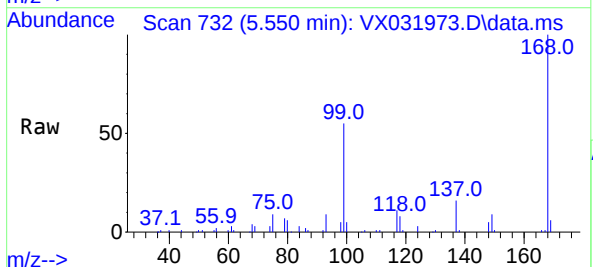
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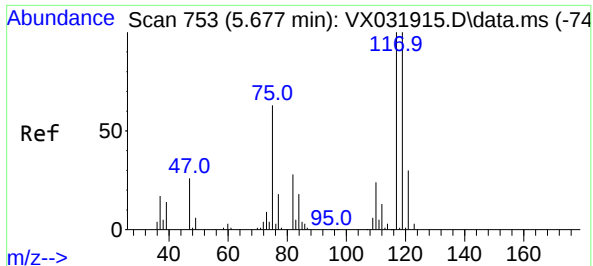
Tgt Ion:113 Resp: 49744
Ion Ratio Lower Upper
113 100
111 103.7 82.4 123.6
192 18.8 14.1 21.1



#36
1,1-Dichloropropene
Concen: 3.264 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX031973.D
Acq: 07 Oct 2022 19:28

Tgt Ion: 75 Resp: 4266
Ion Ratio Lower Upper
75 100
110 10.1 17.5 52.5#
77 0.0 24.9 37.3#

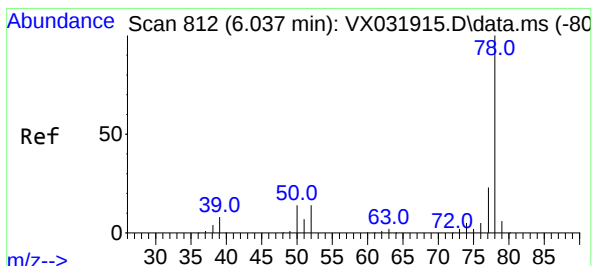
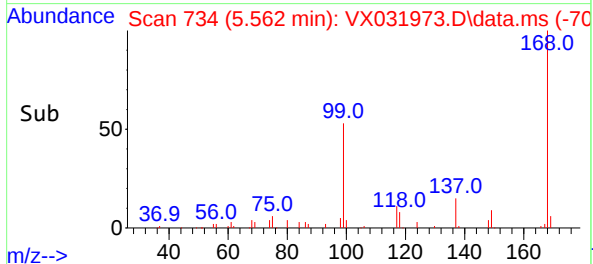
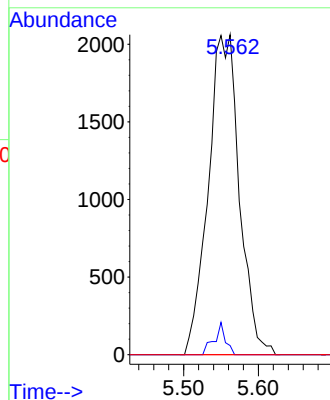
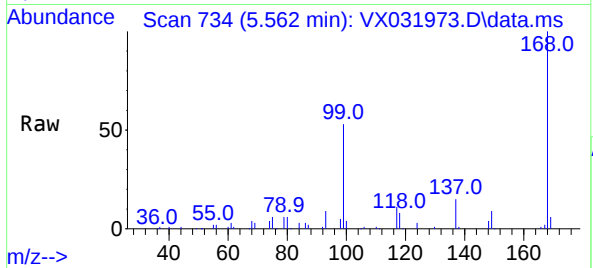




#38
Carbon Tetrachloride
Concen: 4.465 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.115 min
Lab File: VX031973.D
Acq: 07 Oct 2022 19:28

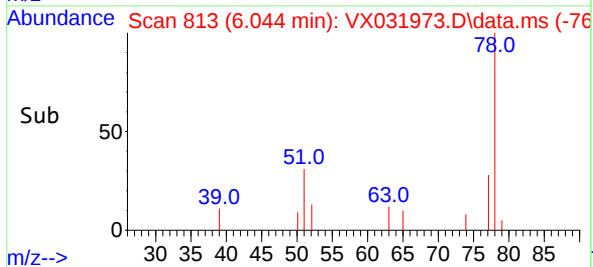
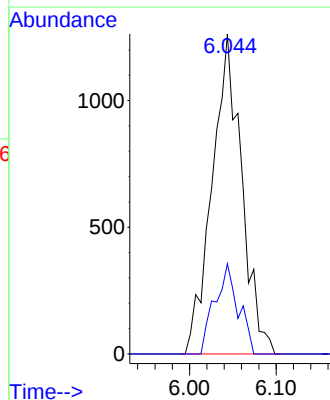
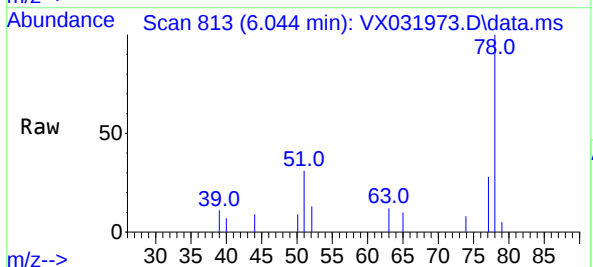
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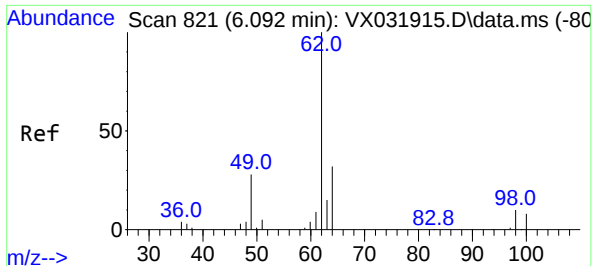
Tgt Ion:117 Resp: 5967
Ion Ratio Lower Upper
117 100
119 2.9 74.6 112.0#
121 0.0 25.3 37.9#



#40
Benzene
Concen: 0.783 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.007 min
Lab File: VX031973.D
Acq: 07 Oct 2022 19:28

Tgt Ion: 78 Resp: 2997
Ion Ratio Lower Upper
78 100
77 28.2 18.7 28.1#





#42

1,2-Dichloroethane

Concen: 0.859 ug/l

RT: 6.099 min Scan# 81

Delta R.T. 0.007 min

Lab File: VX031973.D

Acq: 07 Oct 2022 19:28

Instrument :

MSVOA_X

ClientSampleId :

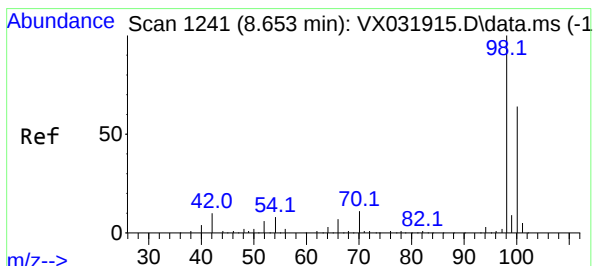
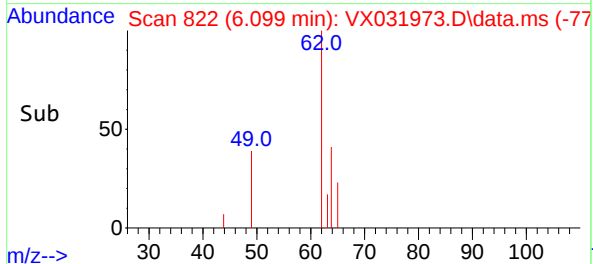
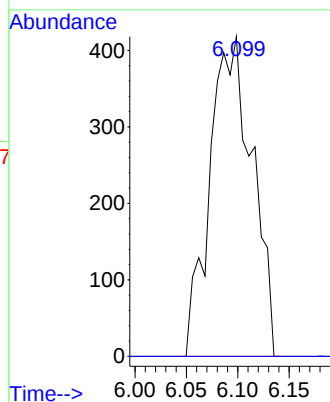
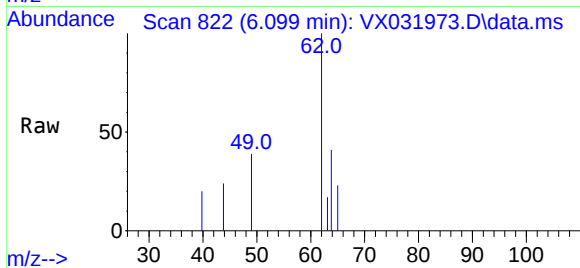
MW-139

Tgt Ion: 62 Resp: 1198

Ion Ratio Lower Upper

62 100

98 0.0 0.0 17.8



#50

Toluene-d8

Concen: 49.737 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX031973.D

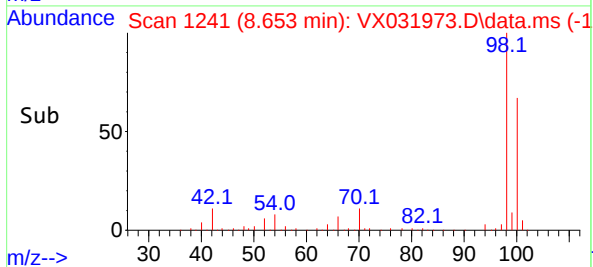
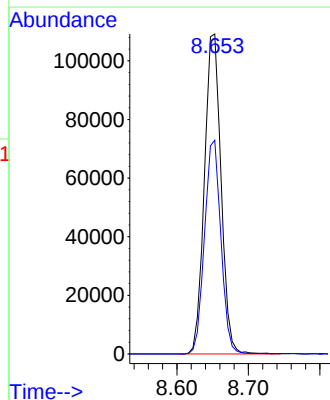
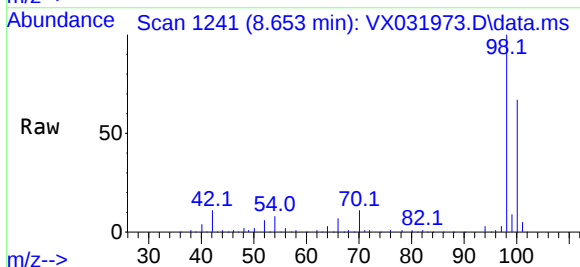
Acq: 07 Oct 2022 19:28

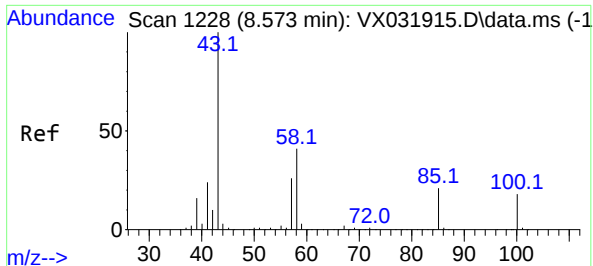
Tgt Ion: 98 Resp: 176390

Ion Ratio Lower Upper

98 100

100 65.9 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.579 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.080 min

Lab File: VX031973.D

Acq: 07 Oct 2022 19:28

Instrument :

MSVOA_X

ClientSampleId :

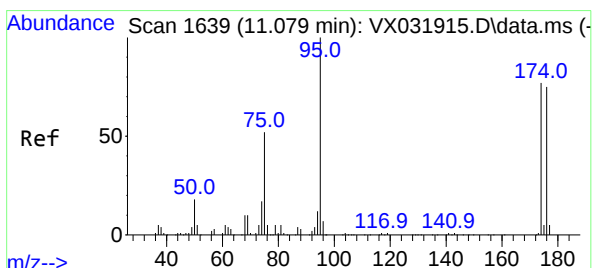
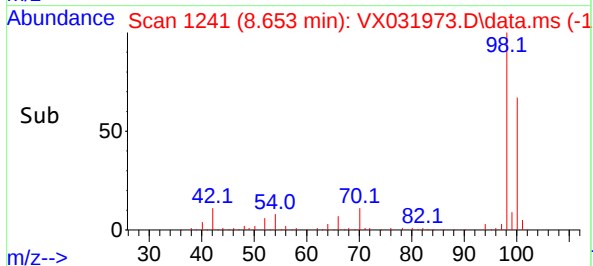
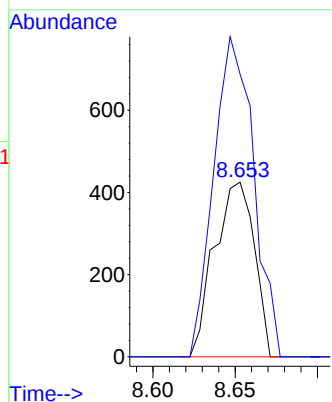
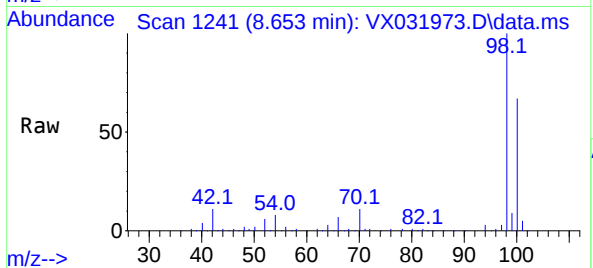
MW-139

Tgt Ion: 43 Resp: 716

Ion Ratio Lower Upper

43 100

58 183.7 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 48.766 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031973.D

Acq: 07 Oct 2022 19:28

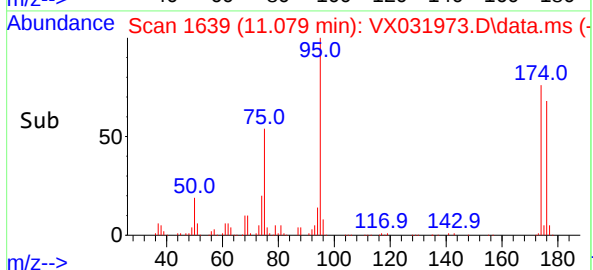
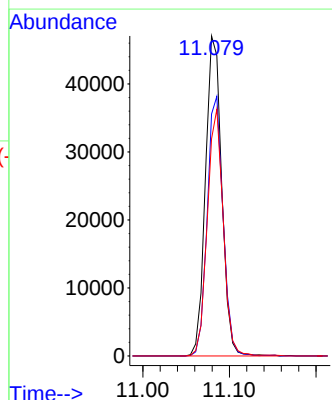
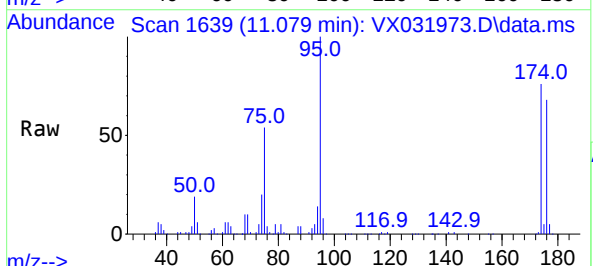
Tgt Ion: 95 Resp: 61141

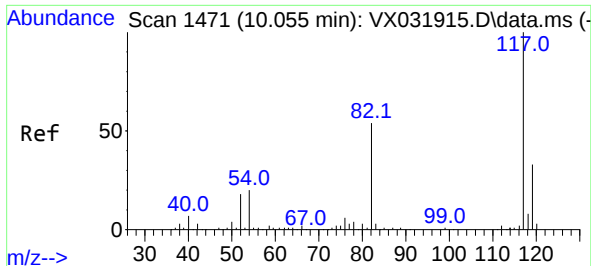
Ion Ratio Lower Upper

95 100

174 79.1 0.0 153.2

176 75.6 0.0 144.0

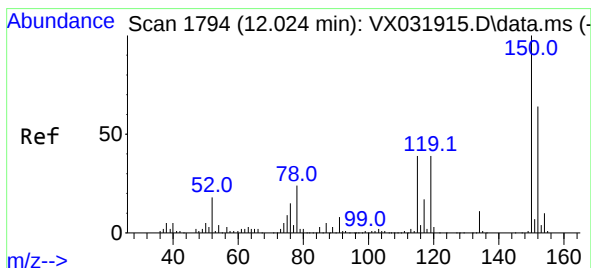
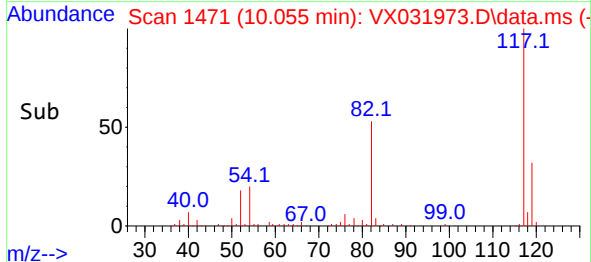
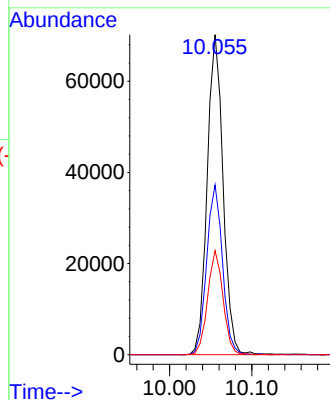
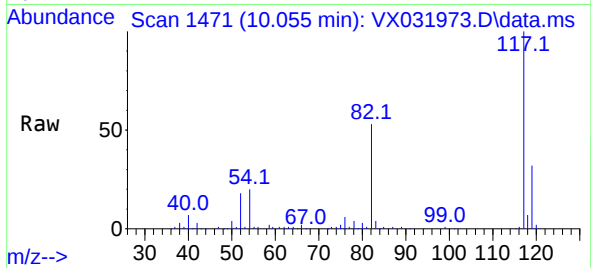




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031973.D
Acq: 07 Oct 2022 19:28

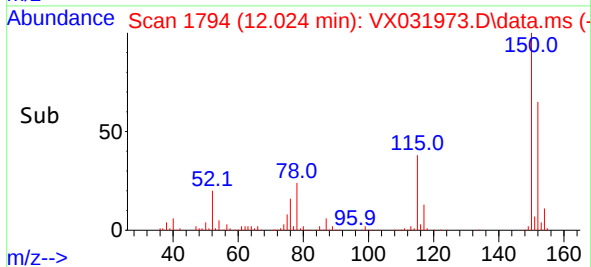
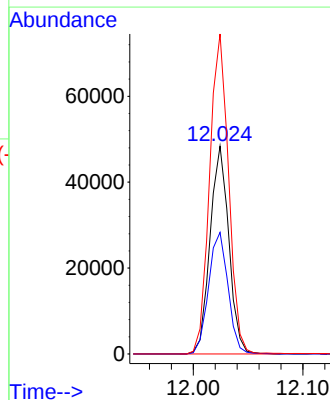
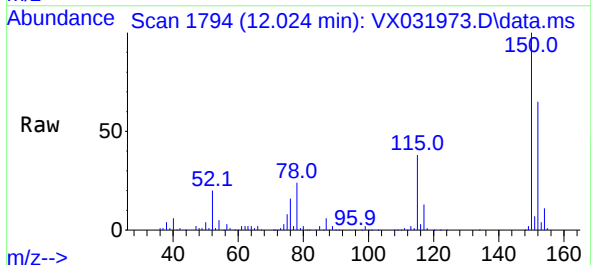
Instrument :
MSVOA_X
ClientSampleId :
MW-139

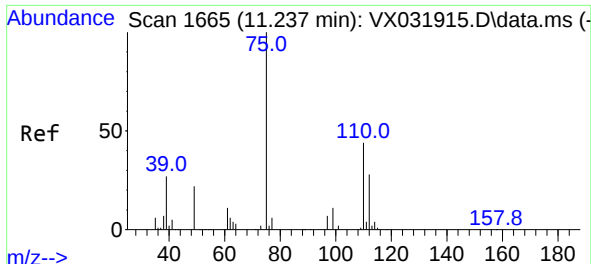
Tgt Ion:	117	Resp:	94107
Ion	Ratio	Lower	Upper
117	100		
82	53.1	46.8	70.2
119	32.5	26.4	39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031973.D
Acq: 07 Oct 2022 19:28

Tgt Ion:	152	Resp:	57614
Ion	Ratio	Lower	Upper
152	100		
115	60.7	43.4	130.1
150	155.8	0.0	346.8

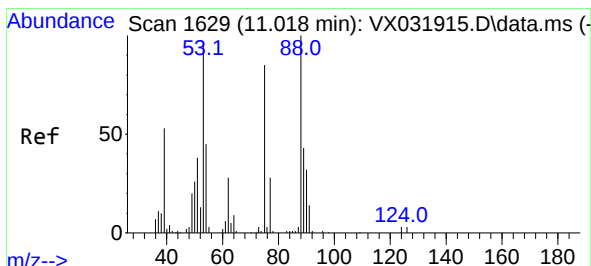
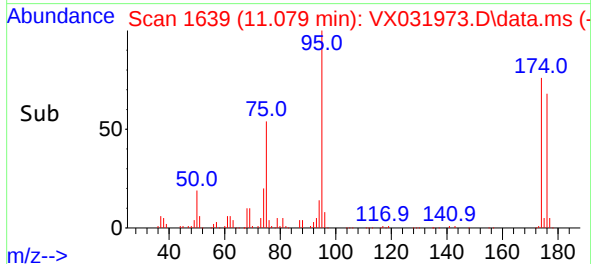
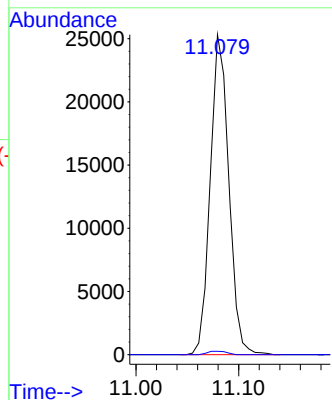
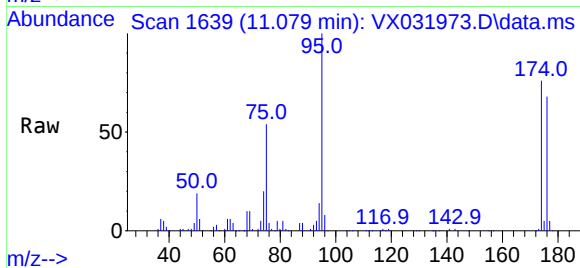




#76
1,2,3-Trichloropropane
Concen: 26.894 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031973.D
Acq: 07 Oct 2022 19:28

Instrument :
MSVOA_X
ClientSampleId :
MW-139

Tgt Ion: 75 Resp: 31757
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.170 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031973.D
Acq: 07 Oct 2022 19:28

Tgt Ion: 75 Resp: 31757
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

