

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100622\
 Data File : VX031938.D
 Acq On : 06 Oct 2022 23:11
 Operator : JC/MD
 Sample : N4883-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-134

Quant Time: Oct 07 08:09:42 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)

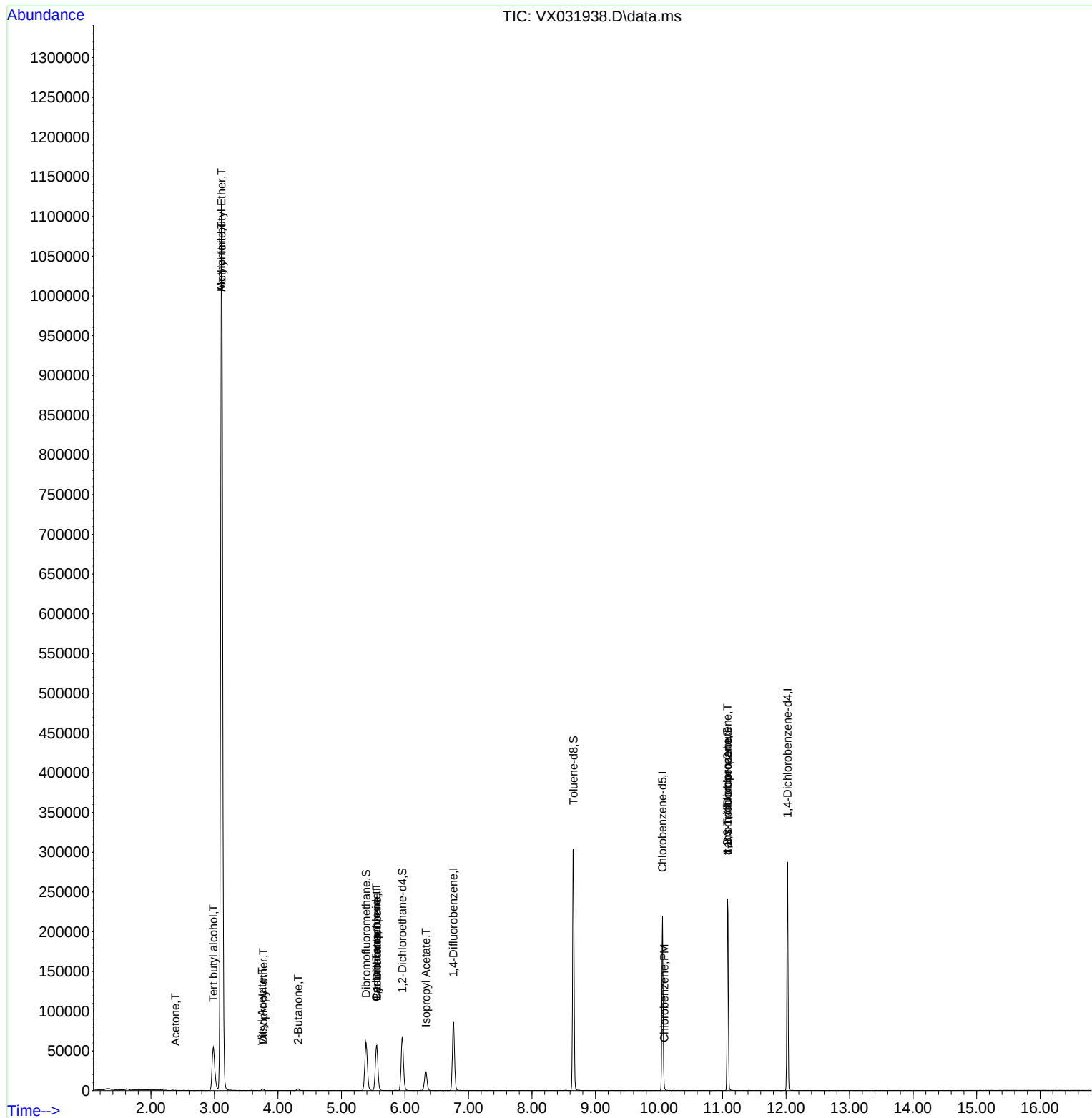
Internal Standards						
1) Pentafluorobenzene	5.556	168	54022	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	91032	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	98437	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58872	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62657	56.161	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.320%	
35) Dibromofluoromethane	5.385	113	51934	50.400	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.800%	
50) Toluene-d8	8.653	98	185761	50.099	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.200%	
62) 4-Bromofluorobenzene	11.079	95	63220	48.229	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.460%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	274	Below Cal	#	49
11) Tert butyl alcohol	2.983	59	77232	556.394	ug/l	98
15) Acrylonitrile	3.111	53	13943	31.510	ug/l #	29
16) Acetone	2.386	43	381	1.005	ug/l #	45
19) Methyl tert-butyl Ether	3.111	73	1239889	449.024	ug/l	98
22) Diisopropyl ether	3.769	45	1777	0.675	ug/l #	79
23) Vinyl Acetate	3.751	43	1070	0.544	ug/l #	71
25) 2-Butanone	4.318	43	206	0.348	ug/l #	49
31) Cyclohexane	5.556	56	1239	0.930	ug/l #	40
36) 1,1-Dichloropropene	5.556	75	3986	2.917	ug/l #	44
38) Carbon Tetrachloride	5.550	117	5403	3.867	ug/l #	17
43) Isopropyl Acetate	6.330	43	7964	4.080	ug/l #	4
65) Chlorobenzene	10.085	112	1219	0.409	ug/l	89
76) 1,2,3-Trichloropropane	11.079	75	32846	27.222	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	32846	93.249	ug/l #	11

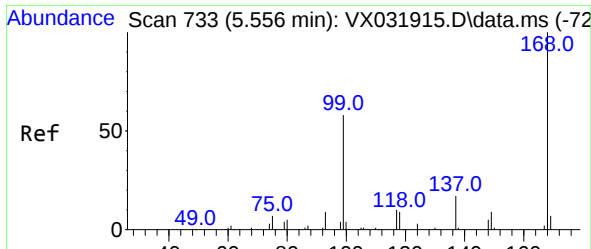
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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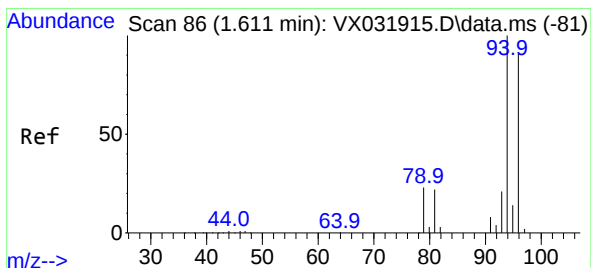
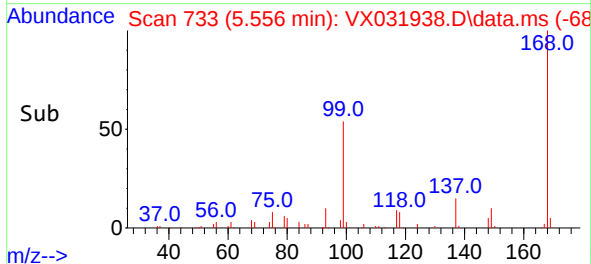
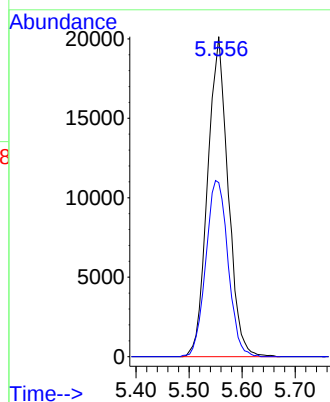
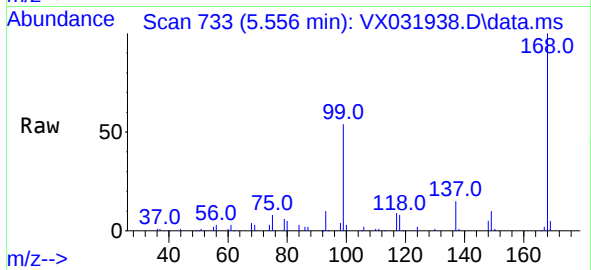




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031938.D
Acq: 06 Oct 2022 23:11

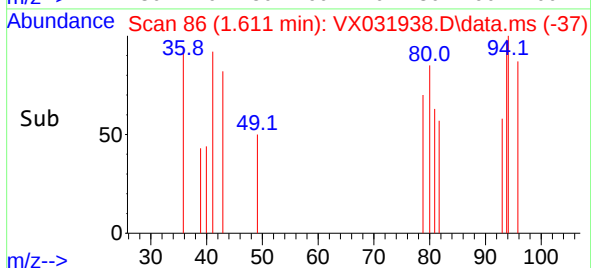
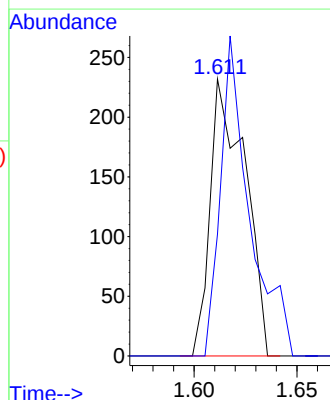
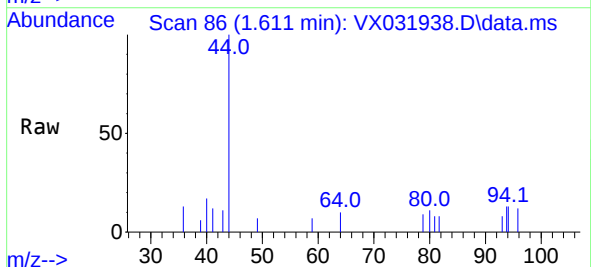
Instrument :
MSVOA_X
ClientSampleId :
MW-134

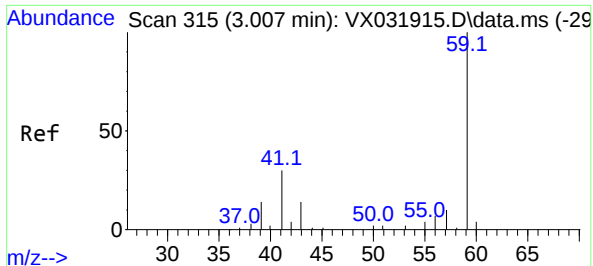
Tgt Ion:168 Resp: 54022
Ion Ratio Lower Upper
168 100
99 54.4 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX031938.D
Acq: 06 Oct 2022 23:11

Tgt Ion: 94 Resp: 274
Ion Ratio Lower Upper
94 100
96 44.0 74.4 111.6#

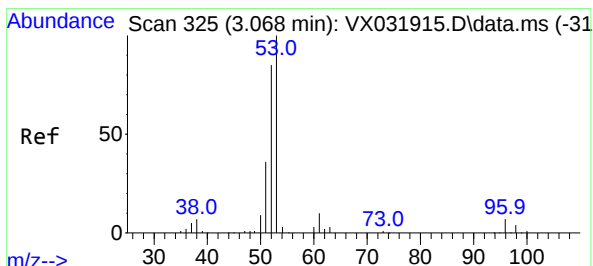
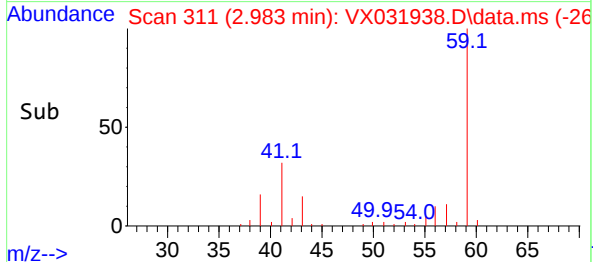
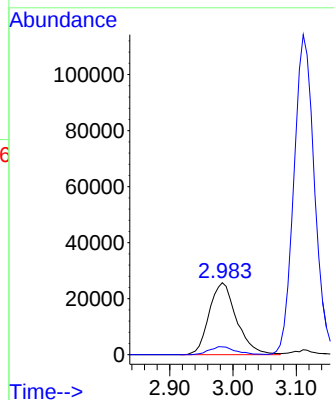
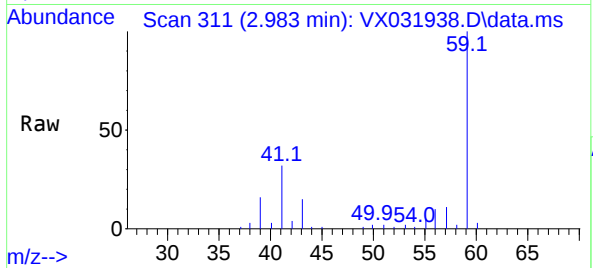




#11
Tert butyl alcohol
Concen: 556.394 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.024 min
Lab File: VX031938.D
Acq: 06 Oct 2022 23:11

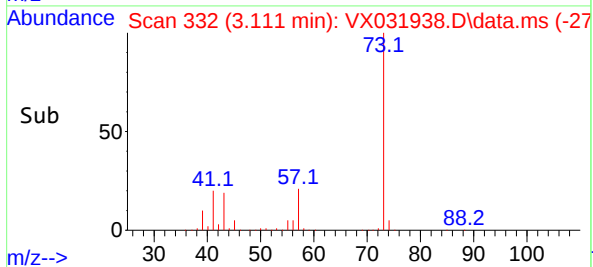
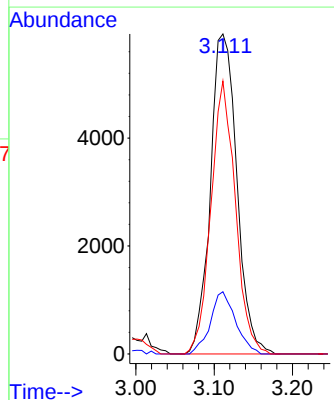
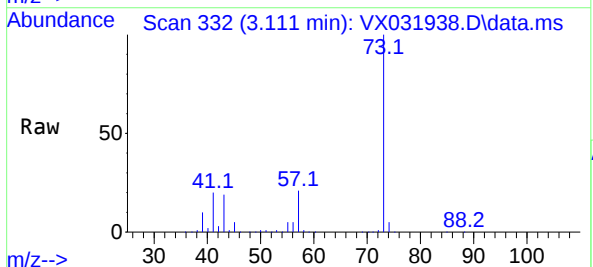
Instrument :
MSVOA_X
ClientSampleId :
MW-134

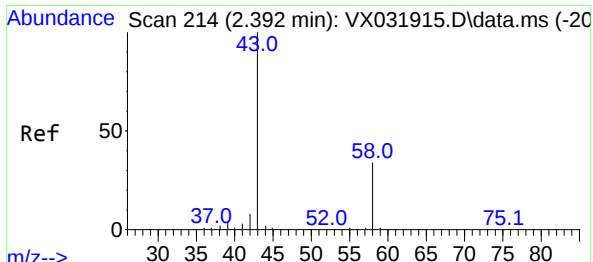
Tgt Ion: 59 Resp: 77232
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.2



#15
Acrylonitrile
Concen: 31.510 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.043 min
Lab File: VX031938.D
Acq: 06 Oct 2022 23:11

Tgt Ion: 53 Resp: 13943
Ion Ratio Lower Upper
53 100
52 18.5 66.9 100.3#
51 78.5 30.0 45.0#

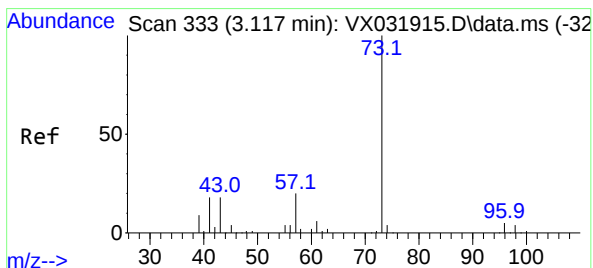
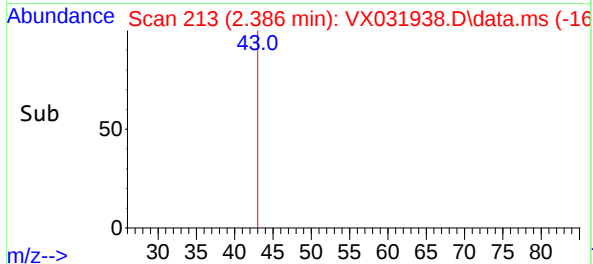
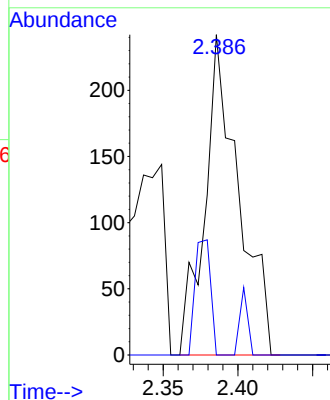
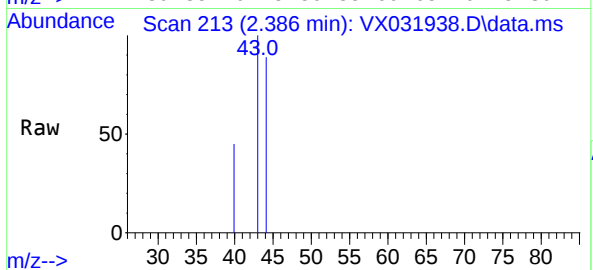




#16
Acetone
Concen: 1.005 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX031938.D
Acq: 06 Oct 2022 23:11

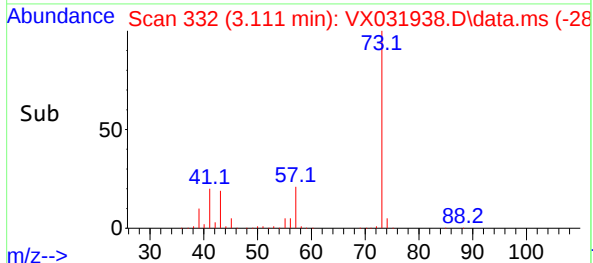
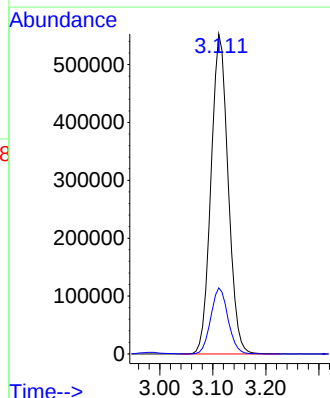
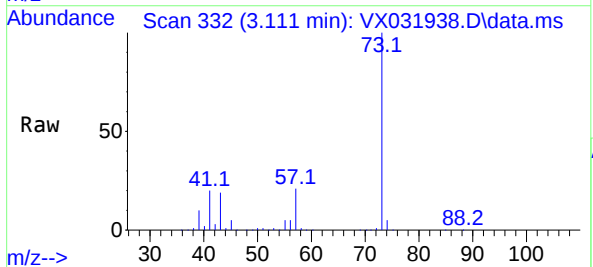
Instrument :
MSVOA_X
ClientSampleId :
MW-134

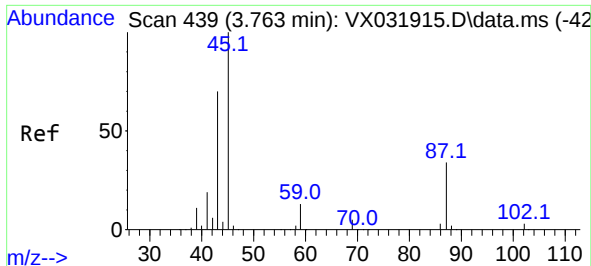
Tgt Ion: 43 Resp: 381
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#19
Methyl tert-butyl Ether
Concen: 449.024 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX031938.D
Acq: 06 Oct 2022 23:11

Tgt Ion: 73 Resp: 1239889
Ion Ratio Lower Upper
73 100
57 20.7 17.2 25.8



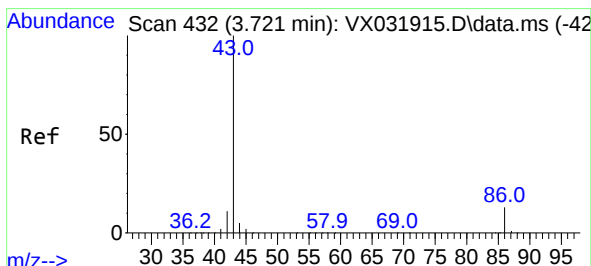
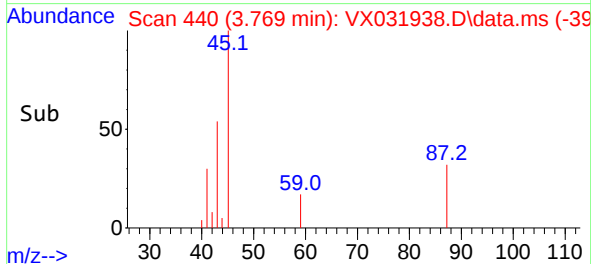
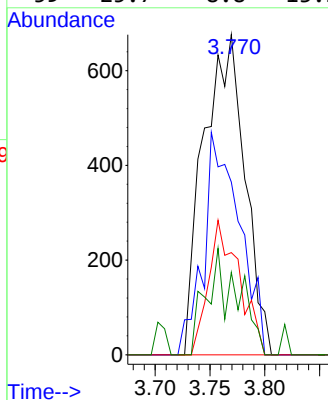
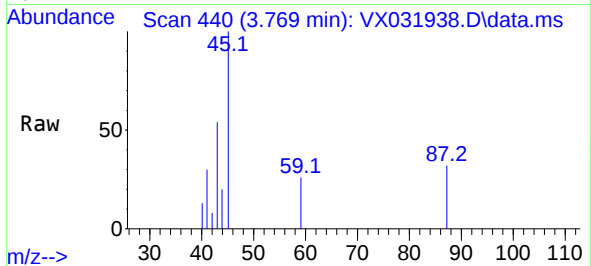


#22
Diisopropyl ether
Concen: 0.675 ug/l
RT: 3.769 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX031938.D
Acq: 06 Oct 2022 23:11

Instrument :
MSVOA_X
ClientSampleId :
MW-134

Tgt Ion: 45 Resp: 1777

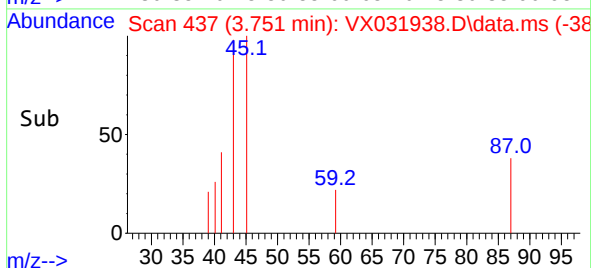
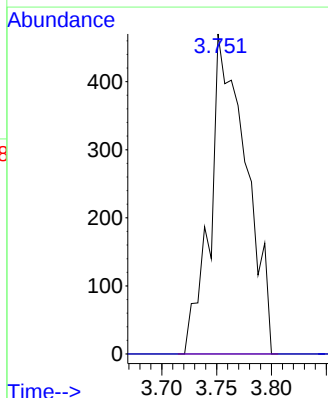
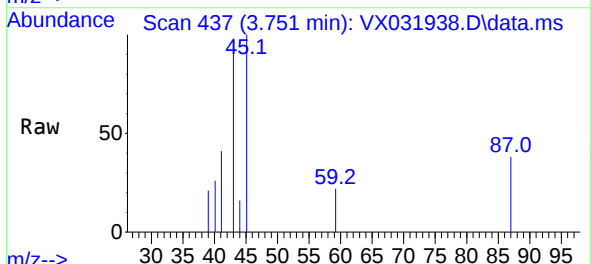
Ion	Ratio	Lower	Upper
45	100		
43	54.0	59.0	88.6#
87	32.0	22.6	33.8
59	25.7	8.8	13.2#

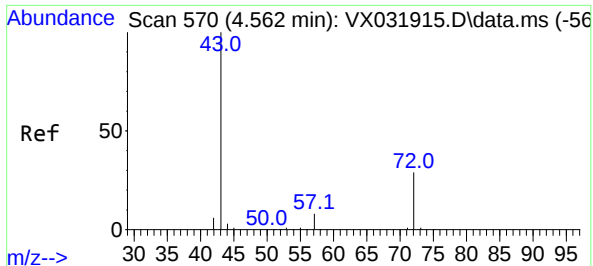


#23
Vinyl Acetate
Concen: 0.544 ug/l
RT: 3.751 min Scan# 437
Delta R.T. 0.030 min
Lab File: VX031938.D
Acq: 06 Oct 2022 23:11

Tgt Ion: 43 Resp: 1070

Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.7	13.1#





#25

2-Butanone

Concen: 0.348 ug/l

RT: 4.318 min Scan# 51

Delta R.T. -0.244 min

Lab File: VX031938.D

Acq: 06 Oct 2022 23:11

Instrument :

MSVOA_X

ClientSampleId :

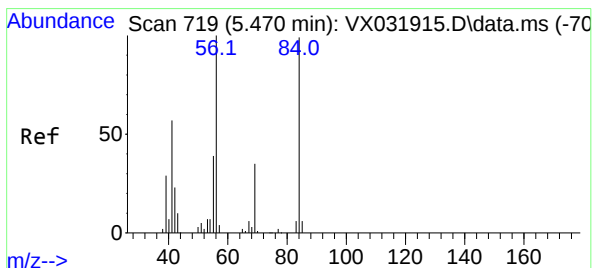
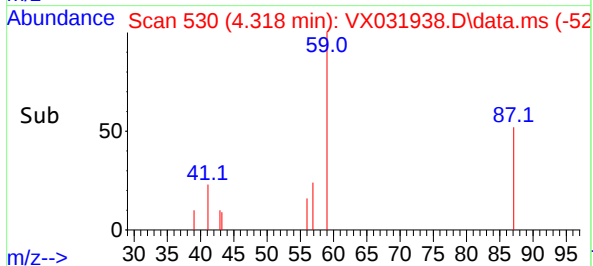
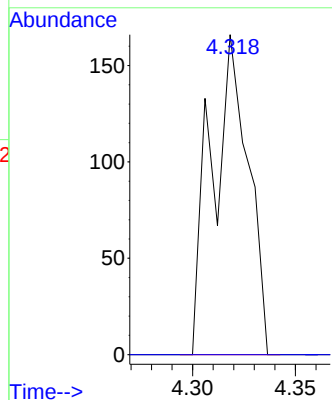
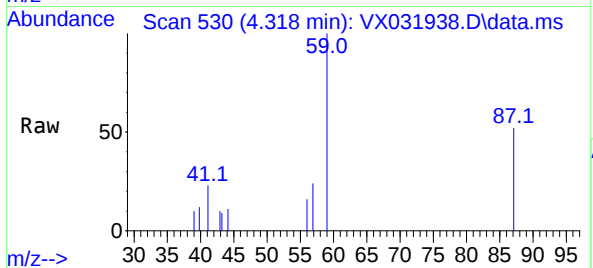
MW-134

Tgt Ion: 43 Resp: 206

Ion Ratio Lower Upper

43 100

72 0.0 21.1 31.7#



#31

Cyclohexane

Concen: 0.930 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.086 min

Lab File: VX031938.D

Acq: 06 Oct 2022 23:11

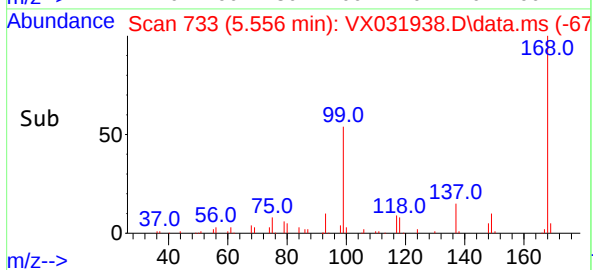
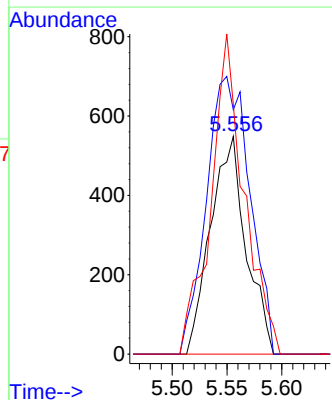
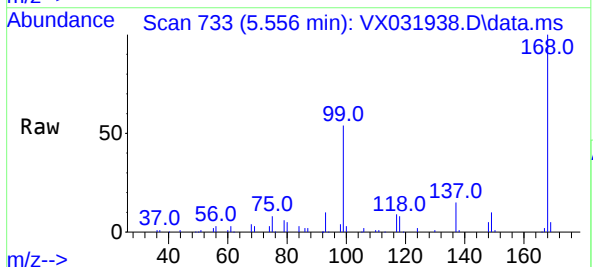
Tgt Ion: 56 Resp: 1239

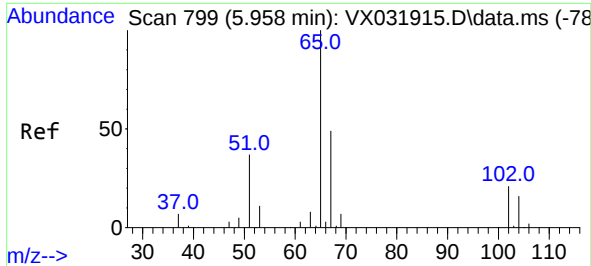
Ion Ratio Lower Upper

56 100

69 112.2 25.1 37.7#

84 114.6 70.2 105.4#

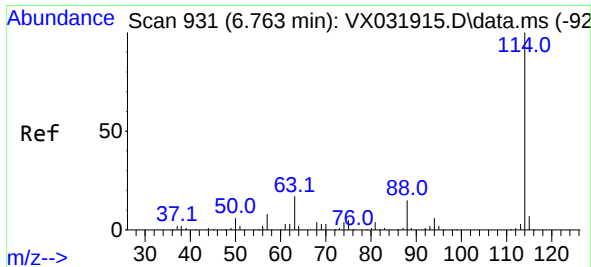
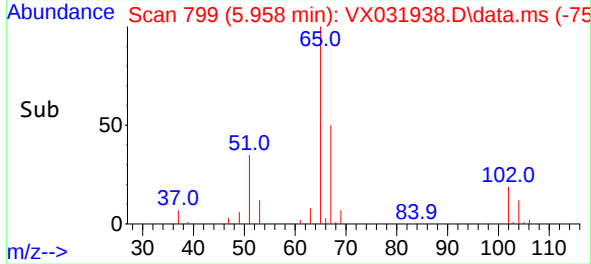
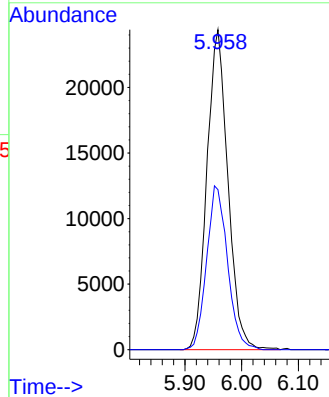
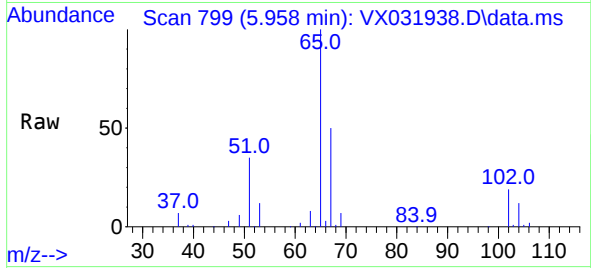




#33
1,2-Dichloroethane-d4
Concen: 56.161 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031938.D
Acq: 06 Oct 2022 23:11

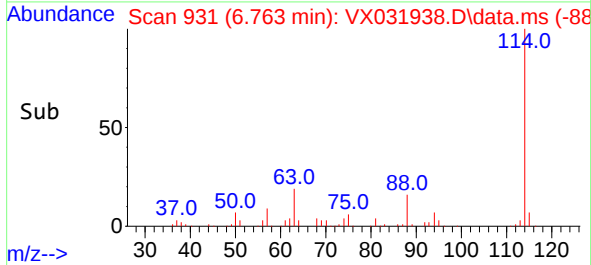
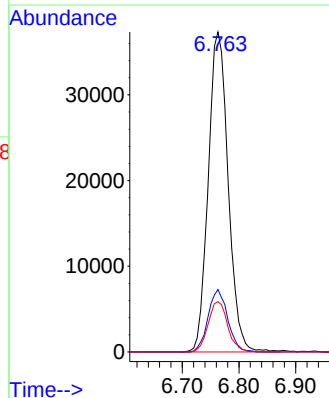
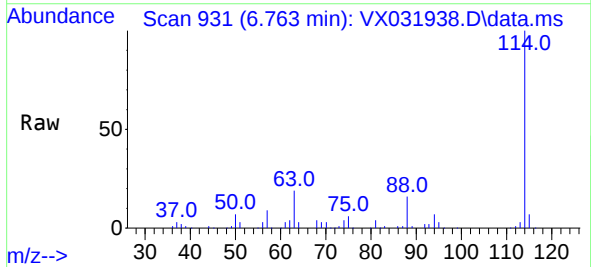
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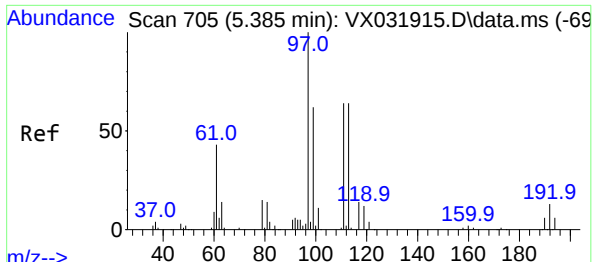
Tgt Ion: 65 Resp: 62657
Ion Ratio Lower Upper
65 100
67 51.1 0.0 102.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX031938.D
Acq: 06 Oct 2022 23:11

Tgt Ion: 114 Resp: 91032
Ion Ratio Lower Upper
114 100
63 19.5 0.0 42.6
88 15.7 0.0 33.0

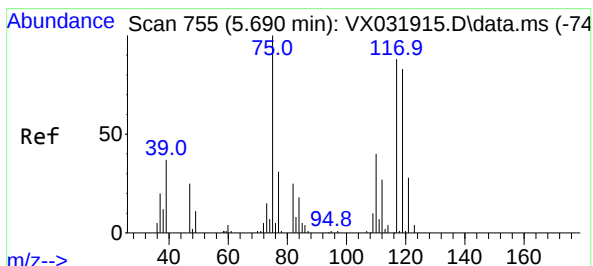
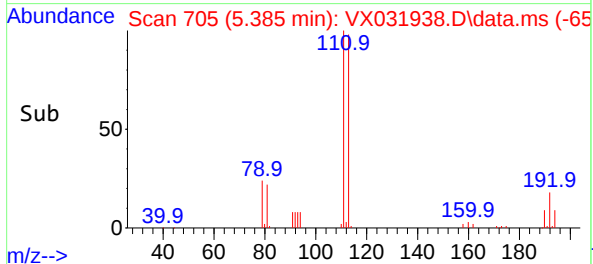
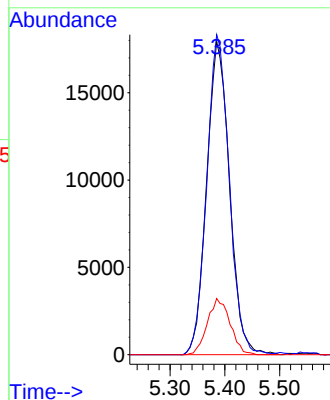
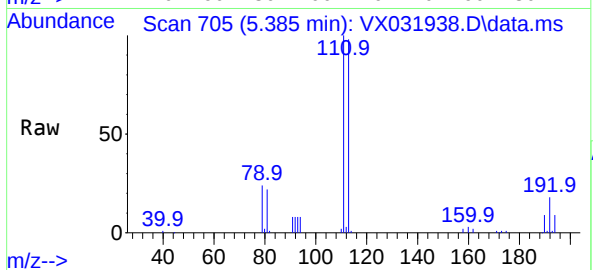




#35
Dibromofluoromethane
Concen: 50.400 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031938.D
Acq: 06 Oct 2022 23:11

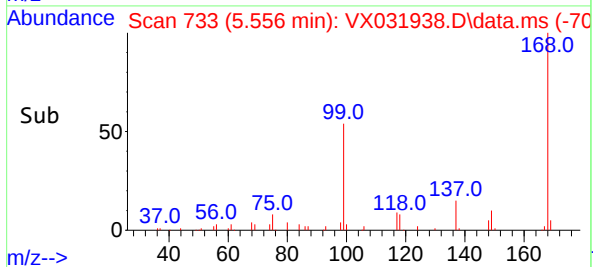
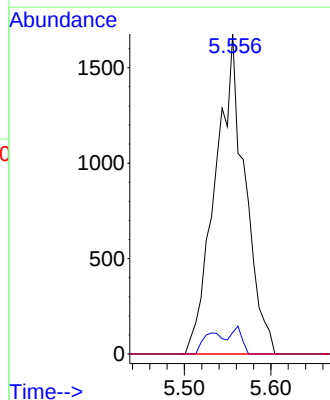
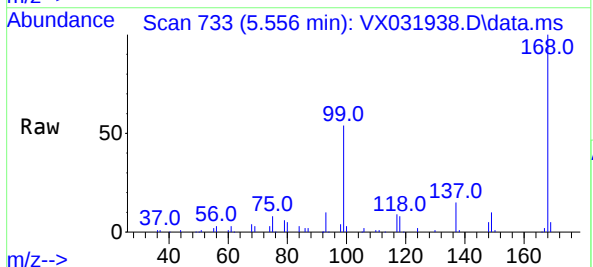
Instrument :
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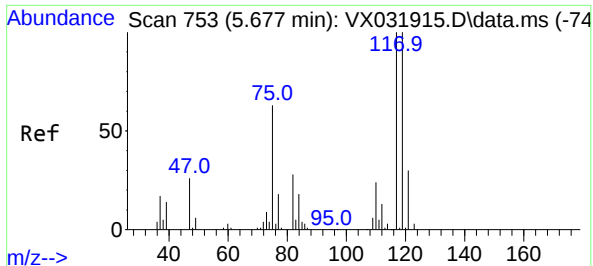
Tgt Ion:113 Resp: 51934
Ion Ratio Lower Upper
113 100
111 100.5 82.4 123.6
192 17.8 14.1 21.1



#36
1,1-Dichloropropene
Concen: 2.917 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX031938.D
Acq: 06 Oct 2022 23:11

Tgt Ion: 75 Resp: 3986
Ion Ratio Lower Upper
75 100
110 3.0 17.5 52.5#
77 0.0 24.9 37.3#

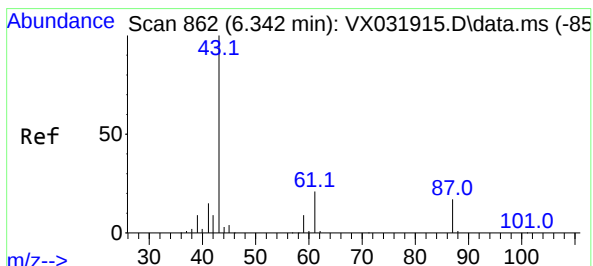
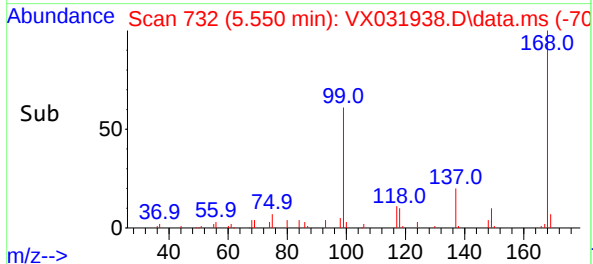
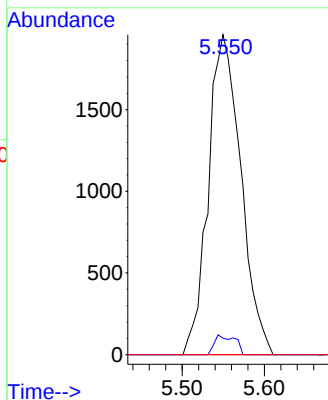
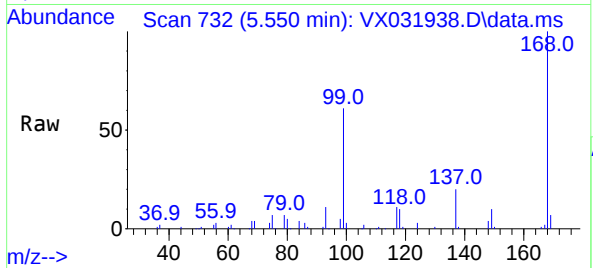




#38
Carbon Tetrachloride
Concen: 3.867 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX031938.D
Acq: 06 Oct 2022 23:11

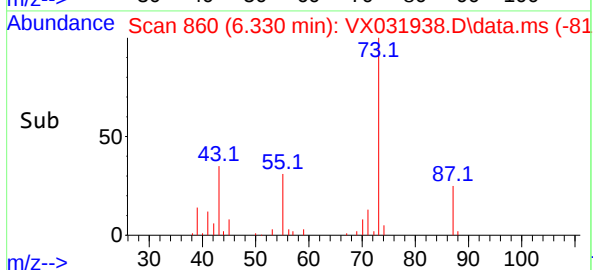
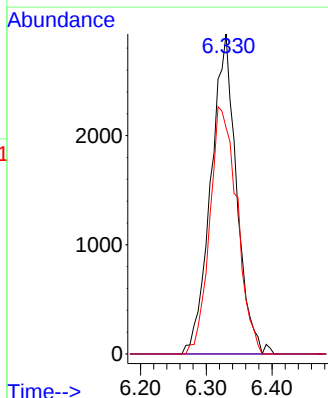
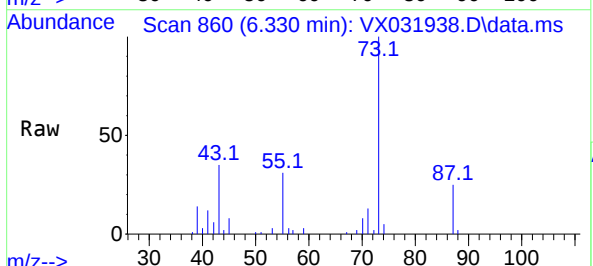
Instrument :
MSVOA_X
ClientSampleId :
MW-134

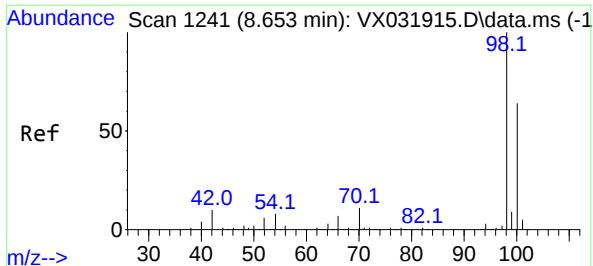
Tgt Ion:117 Resp: 5403
Ion Ratio Lower Upper
117 100
119 5.2 74.6 112.0#
121 0.0 25.3 37.9#



#43
Isopropyl Acetate
Concen: 4.080 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.012 min
Lab File: VX031938.D
Acq: 06 Oct 2022 23:11

Tgt Ion: 43 Resp: 7964
Ion Ratio Lower Upper
43 100
61 0.0 15.3 22.9#
87 82.2 10.6 15.8#

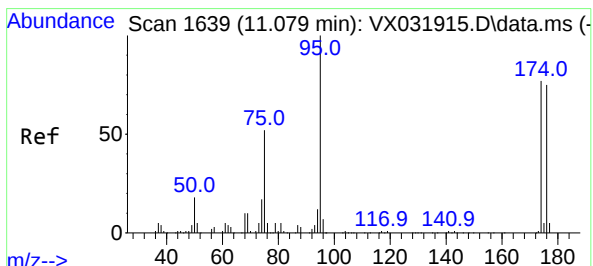
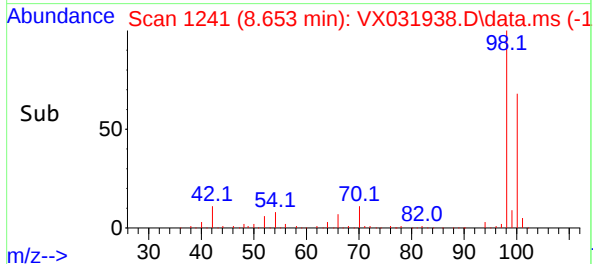
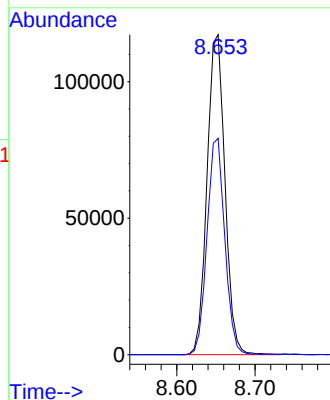
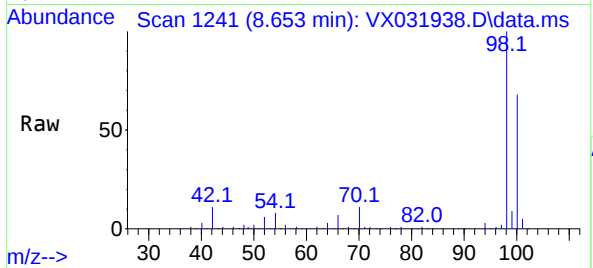




#50
Toluene-d8
Concen: 50.099 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031938.D
Acq: 06 Oct 2022 23:11

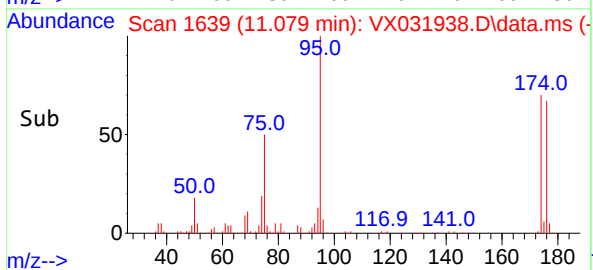
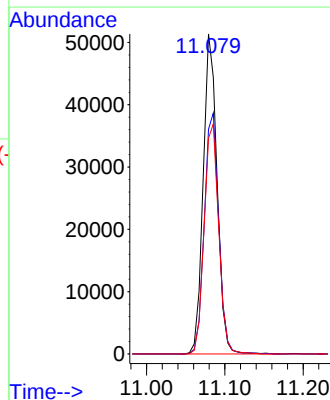
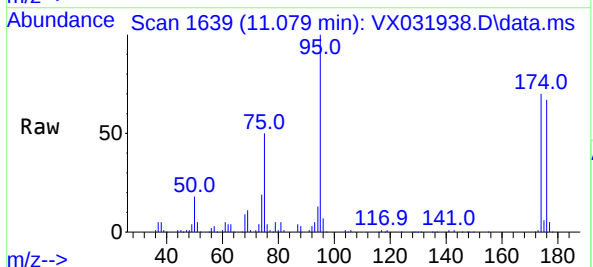
Instrument :
MSVOA_X
ClientSampleId :
MW-134

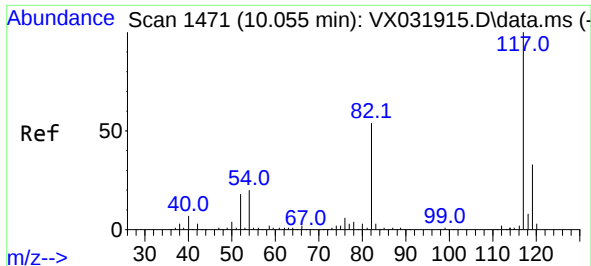
Tgt Ion: 98 Resp: 185761
Ion Ratio Lower Upper
98 100
100 67.3 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 48.229 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031938.D
Acq: 06 Oct 2022 23:11

Tgt Ion: 95 Resp: 63220
Ion Ratio Lower Upper
95 100
174 78.2 0.0 153.2
176 75.1 0.0 144.0

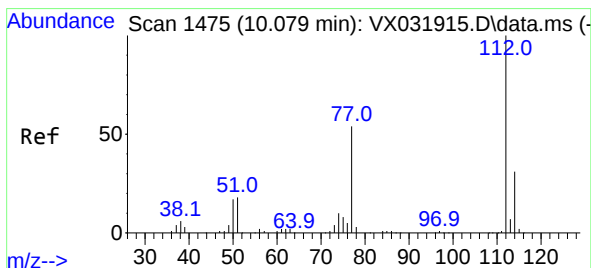
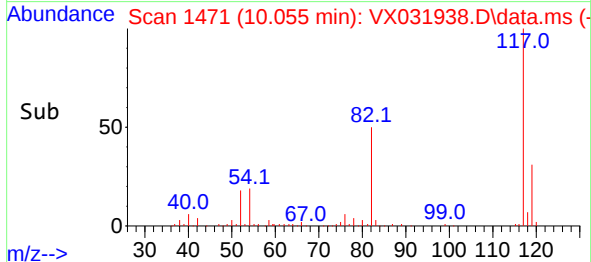
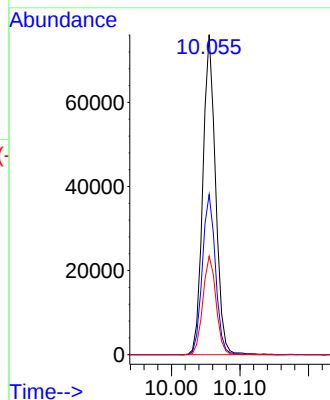
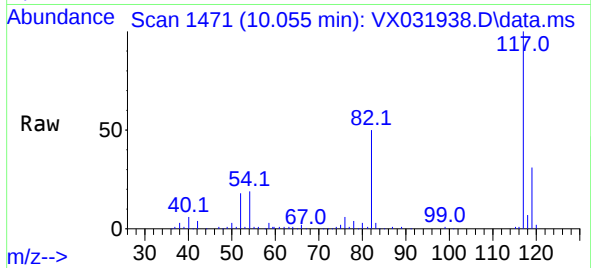




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031938.D
Acq: 06 Oct 2022 23:11

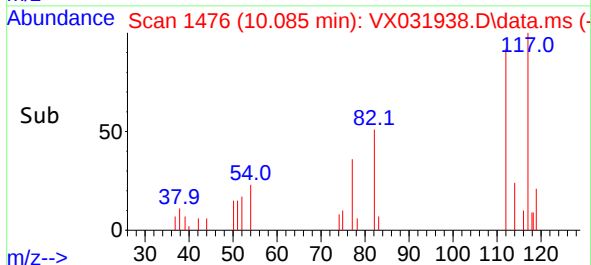
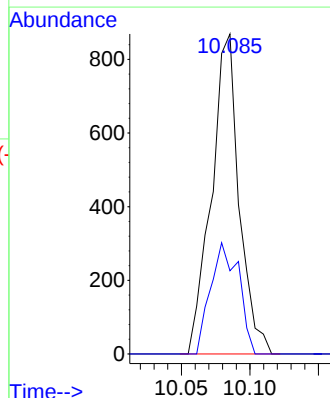
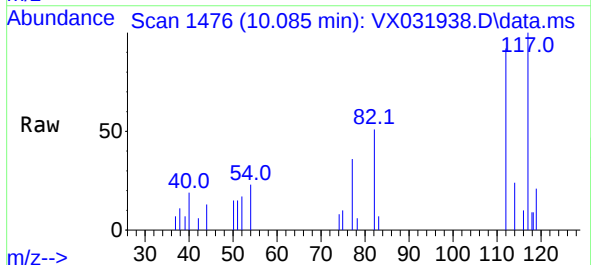
Instrument :
MSVOA_X
ClientSampleId :
MW-134

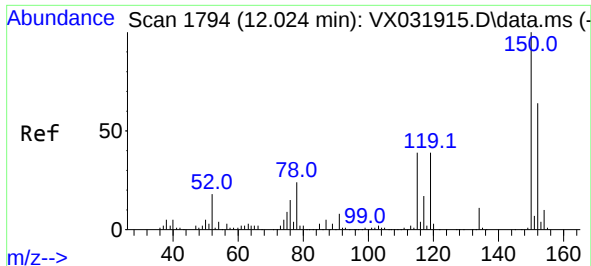
Tgt Ion:117 Resp: 98437
Ion Ratio Lower Upper
117 100
82 50.0 46.8 70.2
119 30.8 26.4 39.6



#65
Chlorobenzene
Concen: 0.409 ug/l
RT: 10.085 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VX031938.D
Acq: 06 Oct 2022 23:11

Tgt Ion:112 Resp: 1219
Ion Ratio Lower Upper
112 100
114 26.0 25.7 38.5

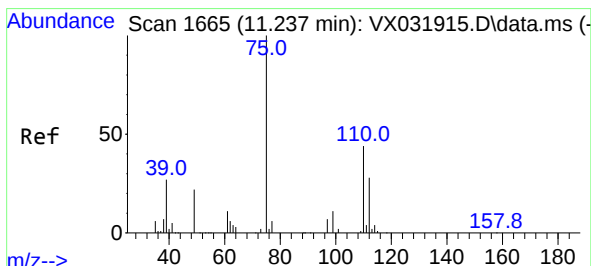
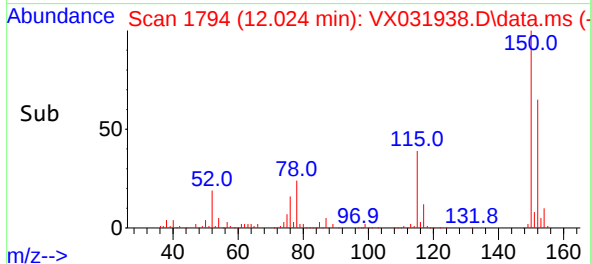
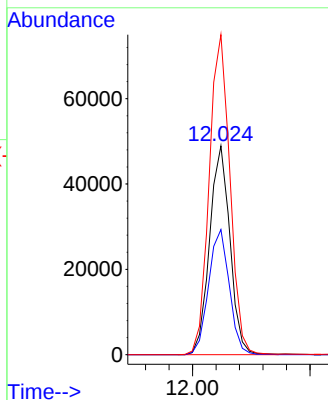
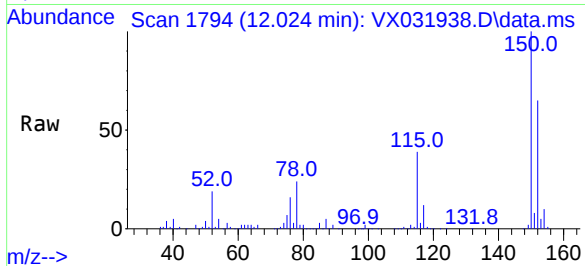




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031938.D
Acq: 06 Oct 2022 23:11

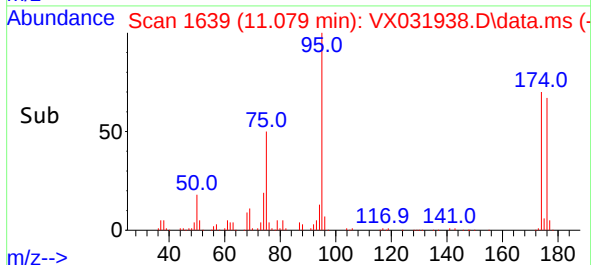
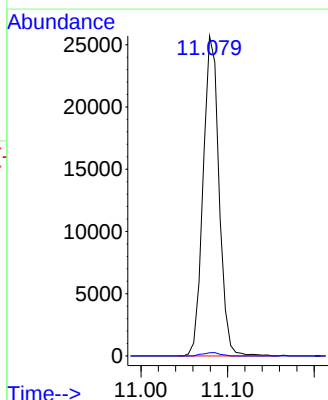
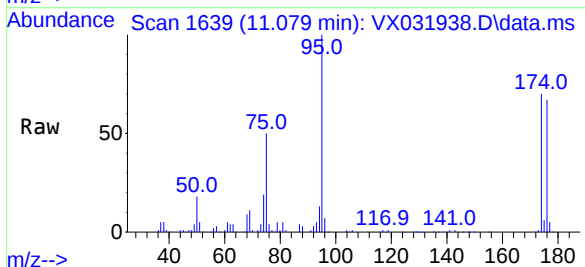
Instrument :
MSVOA_X
ClientSampleId :
MW-134

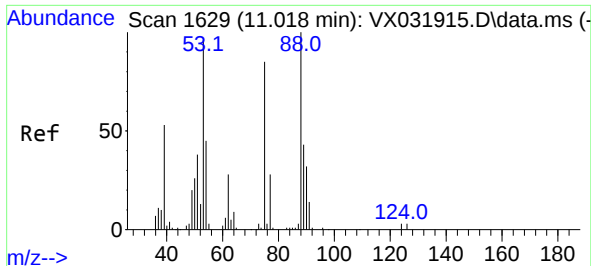
Tgt Ion:152 Resp: 58872
Ion Ratio Lower Upper
152 100
115 61.1 43.4 130.1
150 155.9 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 27.222 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031938.D
Acq: 06 Oct 2022 23:11

Tgt Ion: 75 Resp: 32846
Ion Ratio Lower Upper
75 100
77 1.2 20.3 60.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.249 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX031938.D
 Acq: 06 Oct 2022 23:11

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-134

Tgt Ion: 75 Resp: 32846
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.0 37.4 56.0#

