

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100622\
 Data File : VX031942.D
 Acq On : 07 Oct 2022 00:43
 Operator : JC/MD
 Sample : N4883-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-138

Quant Time: Oct 07 08:10:20 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)

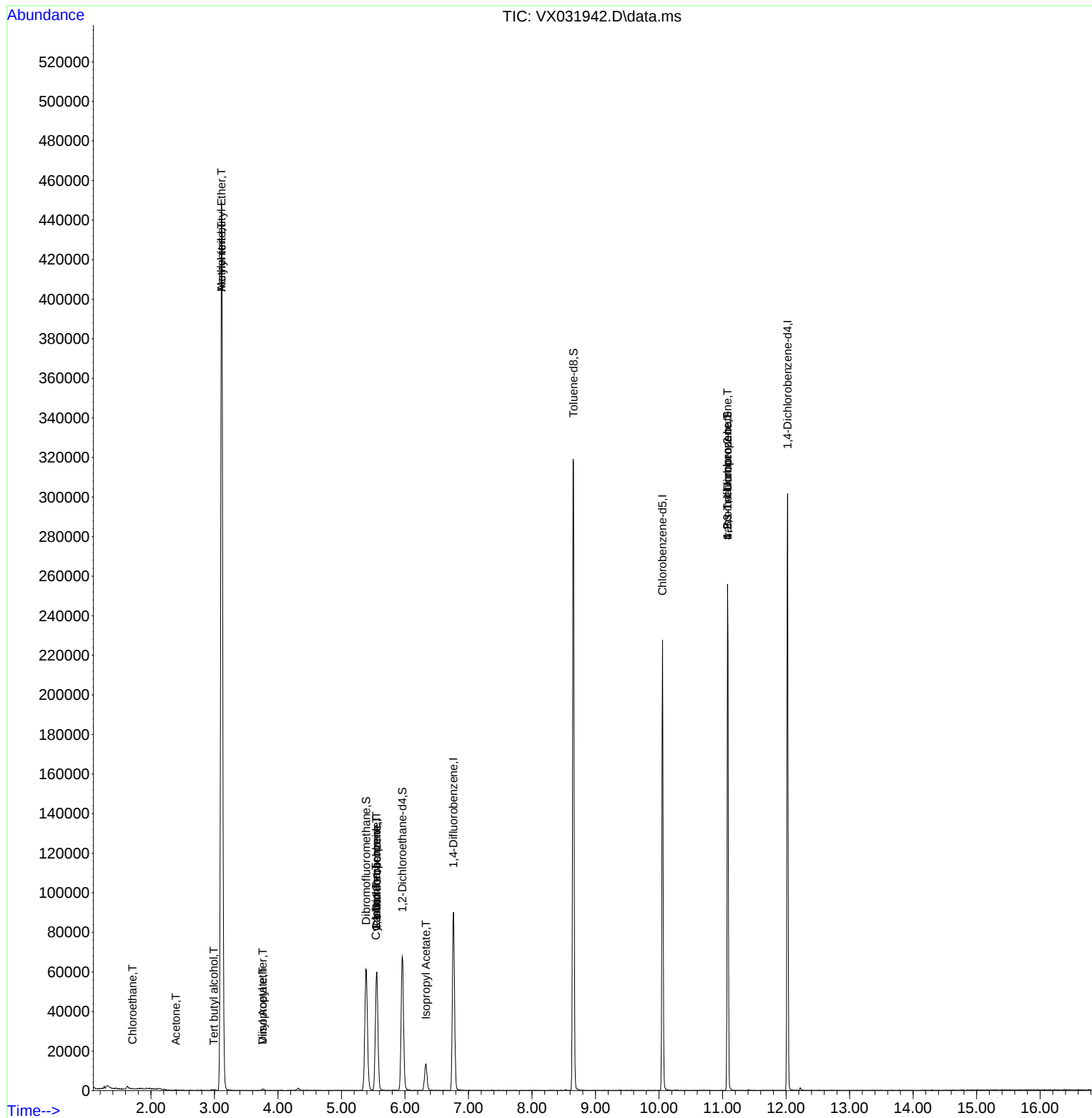
Internal Standards						
1) Pentafluorobenzene	5.556	168	57122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	94980	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	101167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60654	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64736	54.875	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.760%			
35) Dibromofluoromethane	5.385	113	52330	48.674	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.340%			
50) Toluene-d8	8.653	98	192651	49.798	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.600%			
62) 4-Bromofluorobenzene	11.079	95	65332	47.769	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.540%			
Target Compounds						Qvalue
5) Bromomethane	1.630	94	180	Below Cal		84
6) Chloroethane	1.709	64	358	0.404 ug/l #		43
11) Tert butyl alcohol	2.989	59	856	5.832 ug/l #		73
15) Acrylonitrile	3.111	53	5719	12.223 ug/l #		28
16) Acetone	2.392	43	215	0.536 ug/l #		45
19) Methyl tert-butyl Ether	3.111	73	499503	171.077 ug/l		97
22) Diisopropyl ether	3.757	45	668	0.240 ug/l #		91
23) Vinyl Acetate	3.757	43	470	0.226 ug/l #		71
31) Cyclohexane	5.544	56	603	0.428 ug/l #		25
36) 1,1-Dichloropropene	5.550	75	4586	3.217 ug/l #		47
38) Carbon Tetrachloride	5.550	117	6190	4.246 ug/l #		17
43) Isopropyl Acetate	6.330	43	4238	2.081 ug/l #		6
76) 1,2,3-Trichloropropane	11.079	75	33175	26.687 ug/l #		37
81) trans-1,4-Dichloro-2-b...	11.079	75	33175	91.487 ug/l #		11

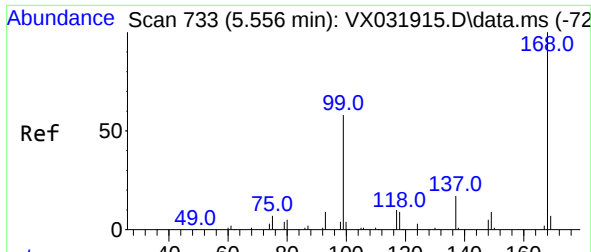
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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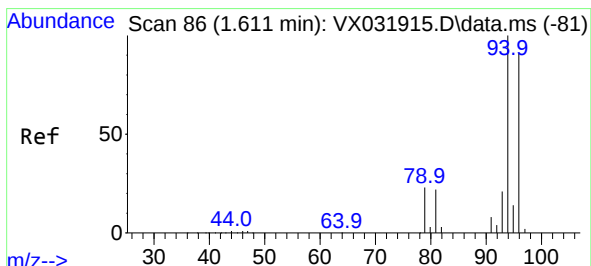
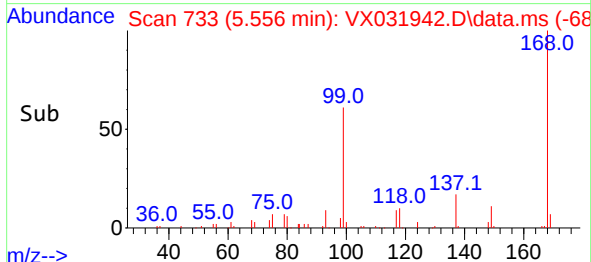
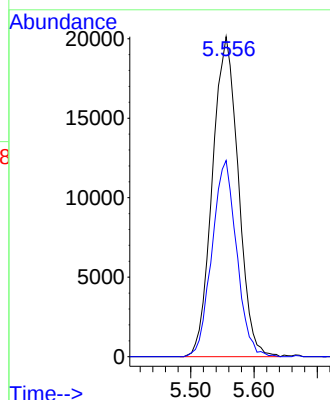
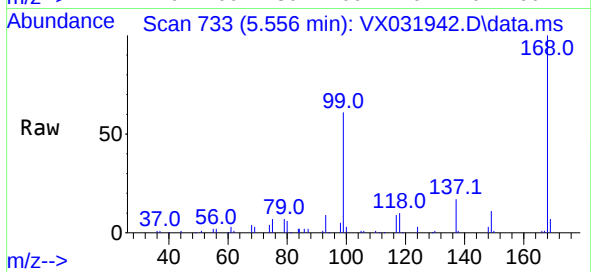




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031942.D
Acq: 07 Oct 2022 00:43

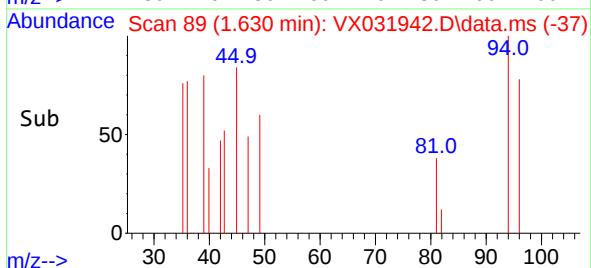
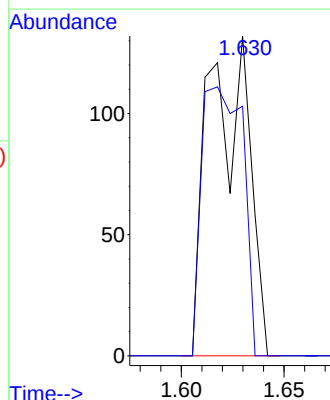
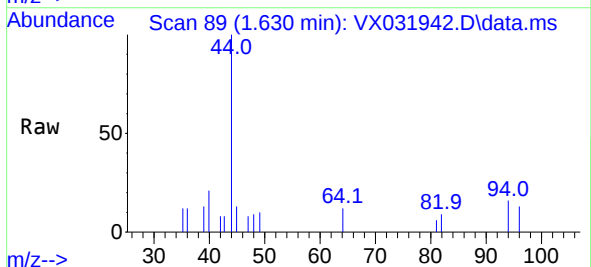
Instrument :
MSVOA_X
ClientSampleId :
MW-138

Tgt Ion:168 Resp: 57122
Ion Ratio Lower Upper
168 100
99 61.3 48.8 73.2

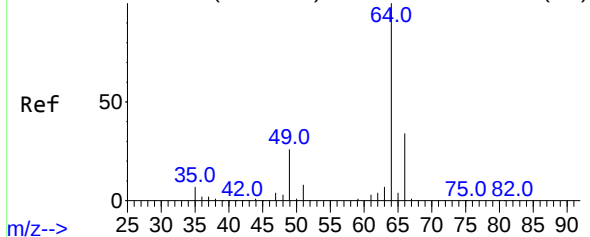


#5
Bromomethane
Concen: Below Cal
RT: 1.630 min Scan# 89
Delta R.T. 0.019 min
Lab File: VX031942.D
Acq: 07 Oct 2022 00:43

Tgt Ion: 94 Resp: 180
Ion Ratio Lower Upper
94 100
96 78.0 74.4 111.6



Abundance Scan 98 (1.684 min): VX031915.D\data.ms (-90)



#6

Chloroethane

Concen: 0.404 ug/l

RT: 1.709 min Scan# 102

Delta R.T. 0.025 min

Lab File: VX031942.D

Acq: 07 Oct 2022 00:43

Instrument :

MSVOA_X

ClientSampleId :

MW-138

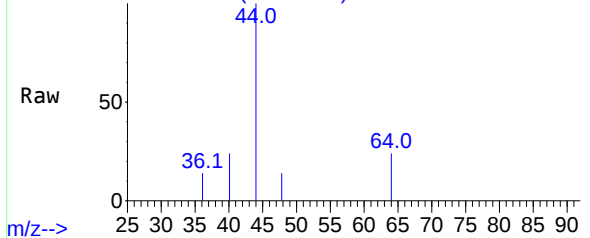
Tgt Ion: 64 Resp: 358

Ion Ratio Lower Upper

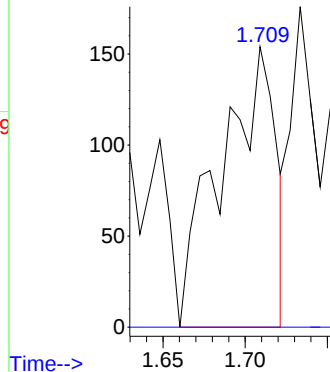
64 100

66 0.0 25.0 37.4#

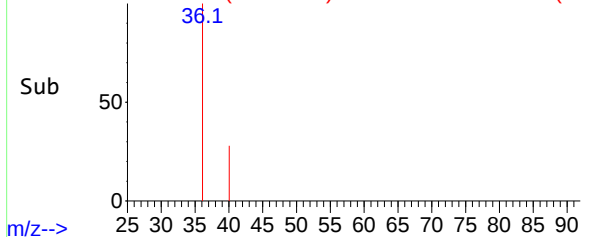
Abundance Scan 102 (1.709 min): VX031942.D\data.ms



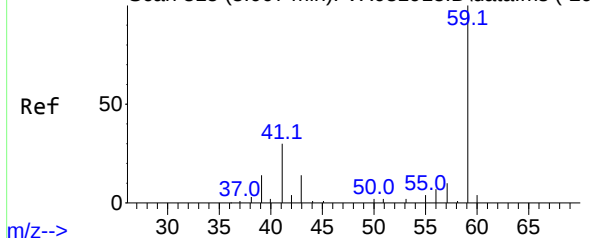
Abundance



Abundance Scan 102 (1.709 min): VX031942.D\data.ms (-49)



Abundance Scan 315 (3.007 min): VX031915.D\data.ms (-29)



#11

Tert butyl alcohol

Concen: 5.832 ug/l

RT: 2.989 min Scan# 312

Delta R.T. -0.018 min

Lab File: VX031942.D

Acq: 07 Oct 2022 00:43

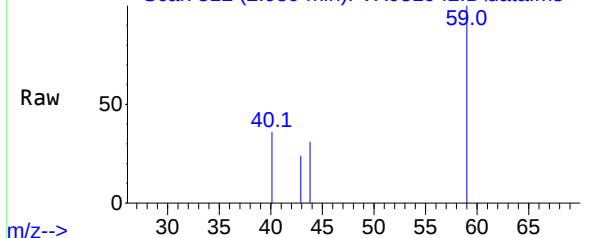
Tgt Ion: 59 Resp: 856

Ion Ratio Lower Upper

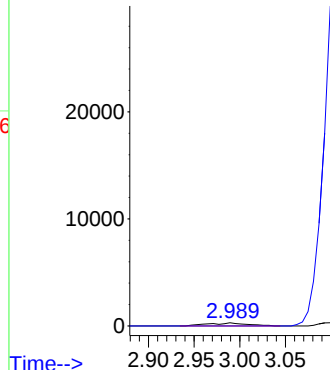
59 100

57 0.0 8.2 12.2#

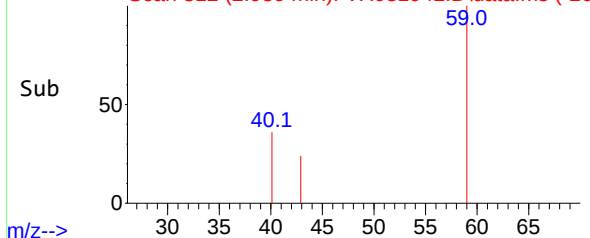
Abundance Scan 312 (2.989 min): VX031942.D\data.ms

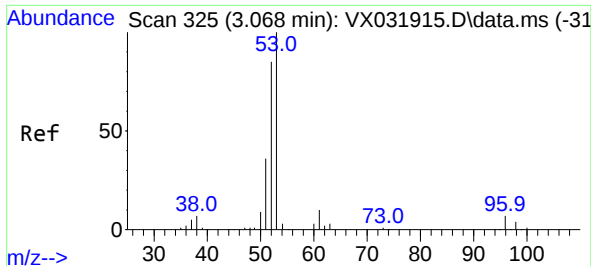


Abundance



Abundance Scan 312 (2.989 min): VX031942.D\data.ms (-26)

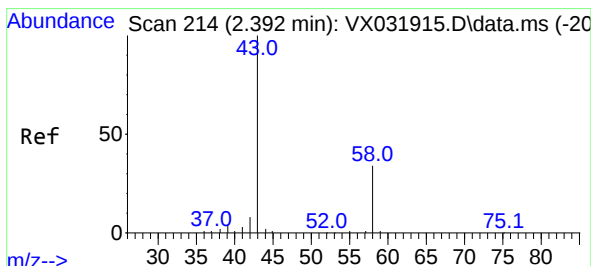
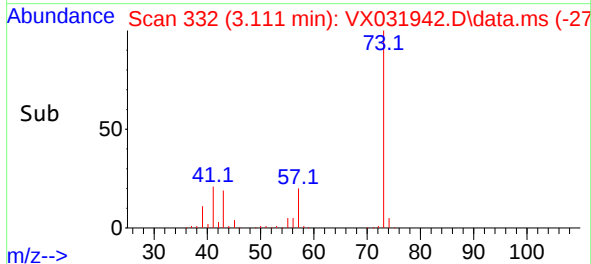
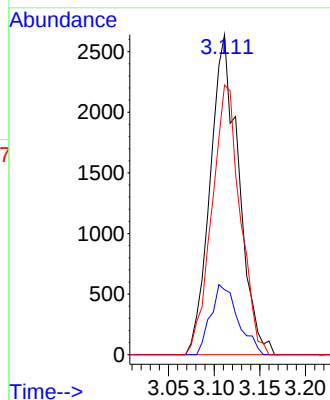
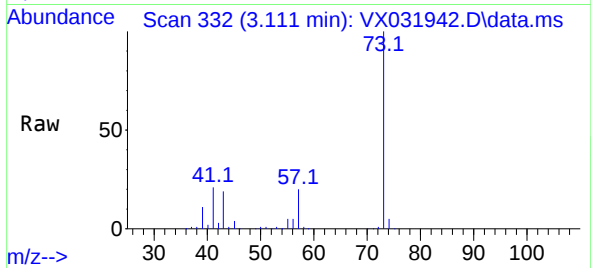




#15
Acrylonitrile
Concen: 12.223 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.043 min
Lab File: VX031942.D
Acq: 07 Oct 2022 00:43

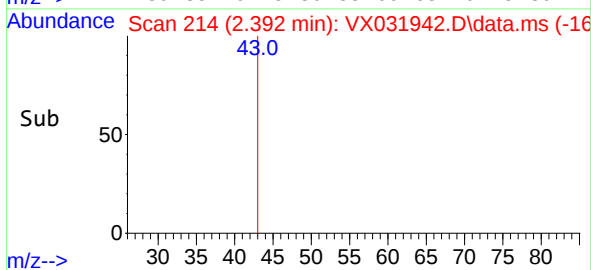
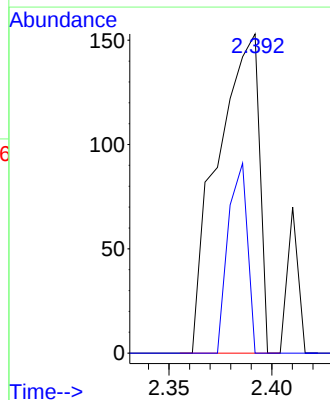
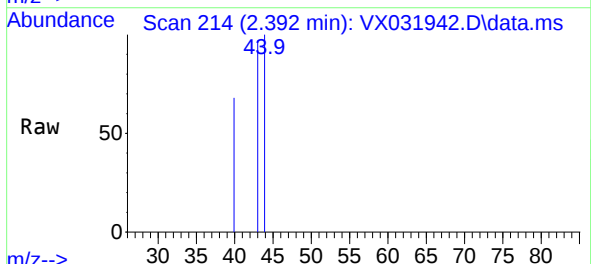
Instrument :
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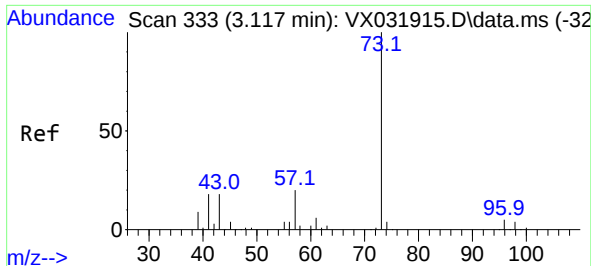
Tgt Ion: 53 Resp: 5719
Ion Ratio Lower Upper
53 100
52 20.9 66.9 100.3#
51 84.0 30.0 45.0#



#16
Acetone
Concen: 0.536 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX031942.D
Acq: 07 Oct 2022 00:43

Tgt Ion: 43 Resp: 215
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#

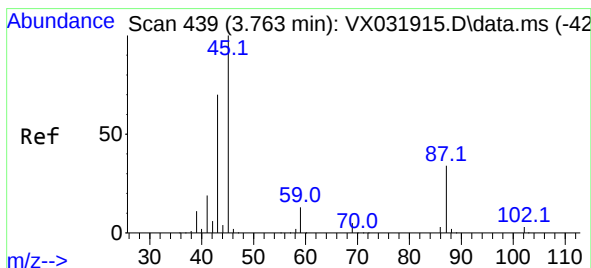
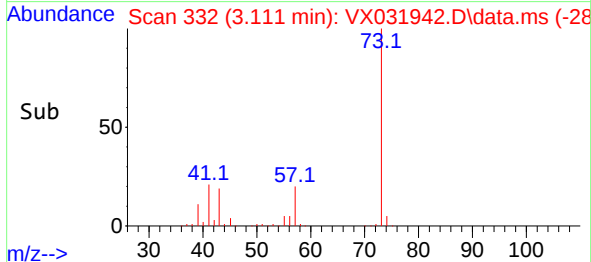
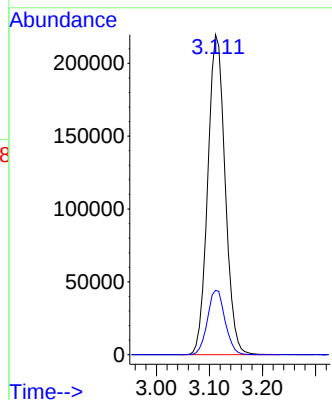
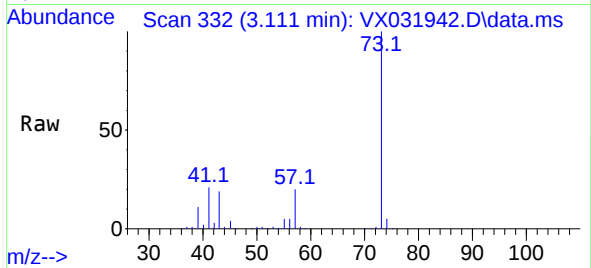




#19
Methyl tert-butyl Ether
Concen: 171.077 ug/l
RT: 3.111 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX031942.D
Acq: 07 Oct 2022 00:43

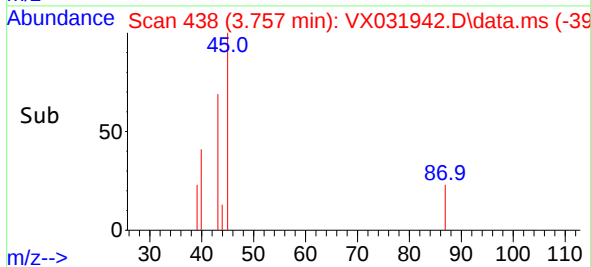
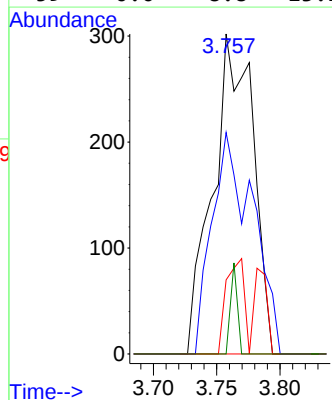
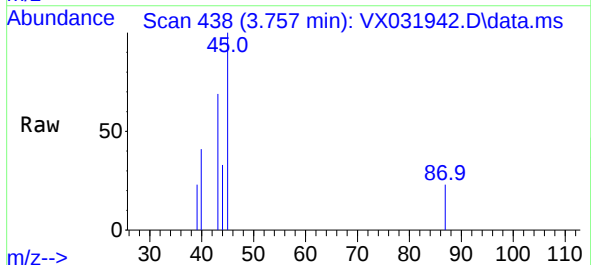
Instrument :
MSVOA_X
ClientSampleId :
MW-138

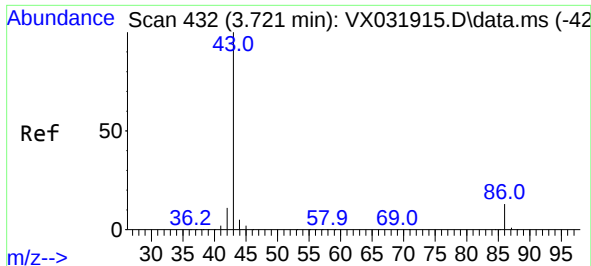
Tgt Ion: 73 Resp: 499503
Ion Ratio Lower Upper
73 100
57 20.1 17.2 25.8



#22
Diisopropyl ether
Concen: 0.240 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX031942.D
Acq: 07 Oct 2022 00:43

Tgt Ion: 45 Resp: 668
Ion Ratio Lower Upper
45 100
43 69.2 59.0 88.6
87 23.2 22.6 33.8
59 0.0 8.8 13.2#

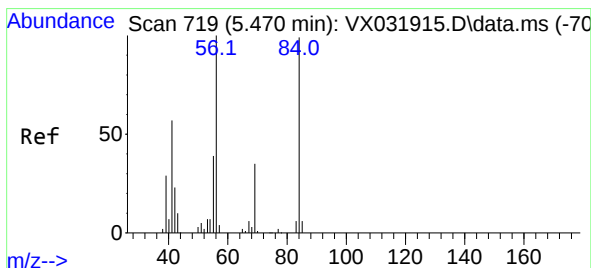
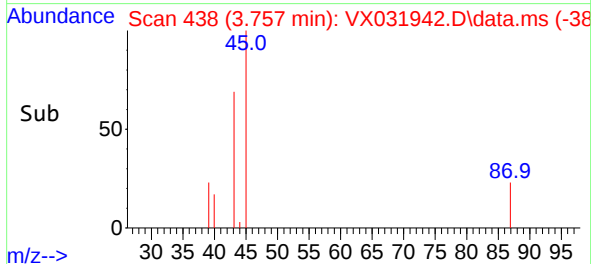
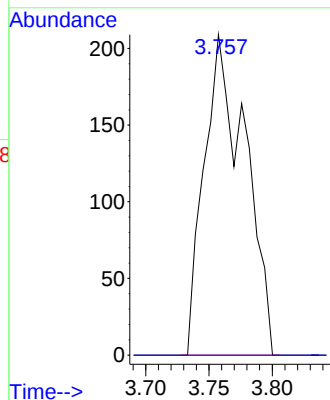
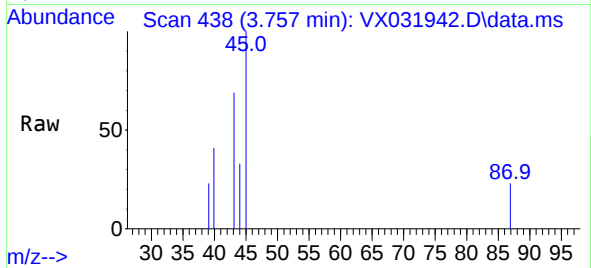




#23
 Vinyl Acetate
 Concen: 0.226 ug/l
 RT: 3.757 min Scan# 41
 Delta R.T. 0.036 min
 Lab File: VX031942.D
 Acq: 07 Oct 2022 00:43

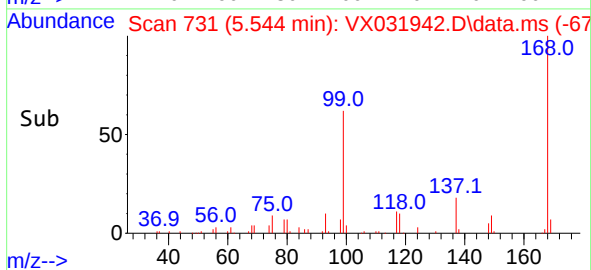
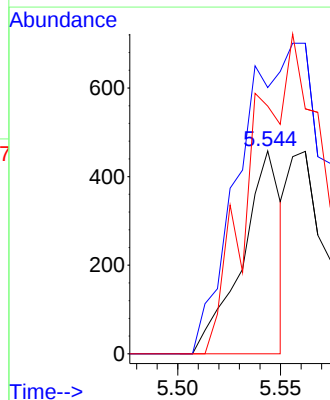
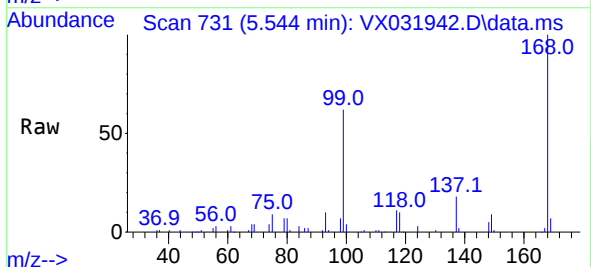
Instrument :
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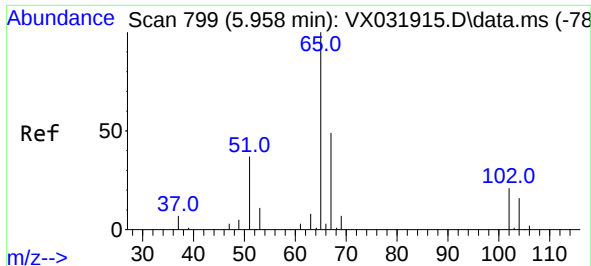
Tgt Ion: 43 Resp: 470
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.7 13.1#



#31
 Cyclohexane
 Concen: 0.428 ug/l
 RT: 5.544 min Scan# 731
 Delta R.T. 0.074 min
 Lab File: VX031942.D
 Acq: 07 Oct 2022 00:43

Tgt Ion: 56 Resp: 603
 Ion Ratio Lower Upper
 56 100
 69 131.2 25.1 37.7#
 84 122.1 70.2 105.4#

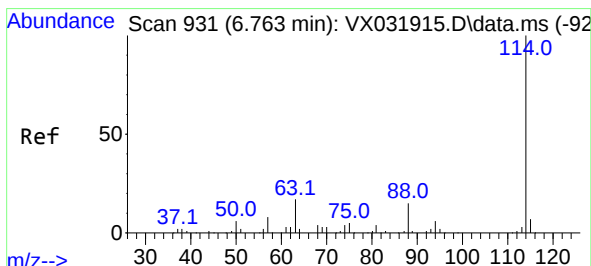
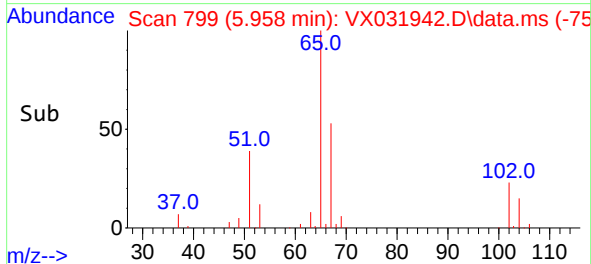
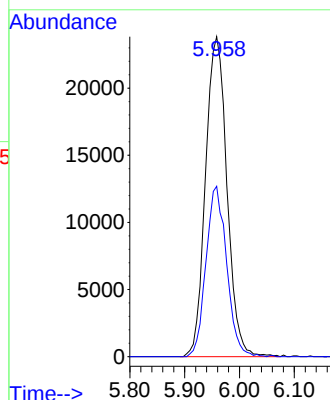
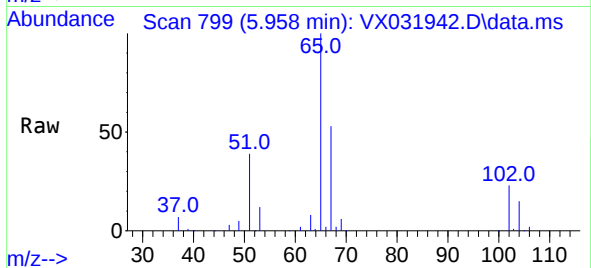




#33
1,2-Dichloroethane-d4
Concen: 54.875 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031942.D
Acq: 07 Oct 2022 00:43

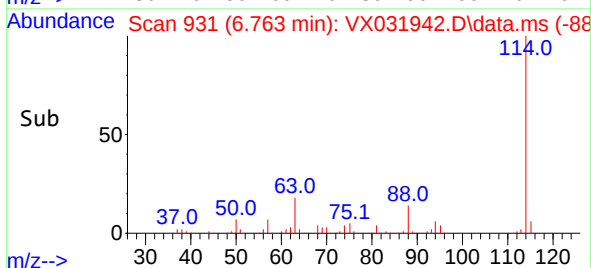
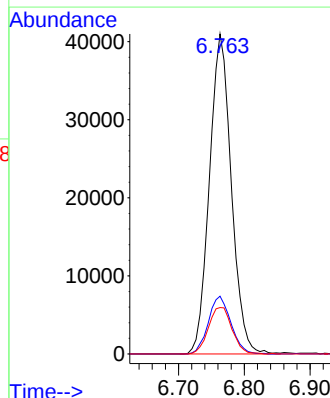
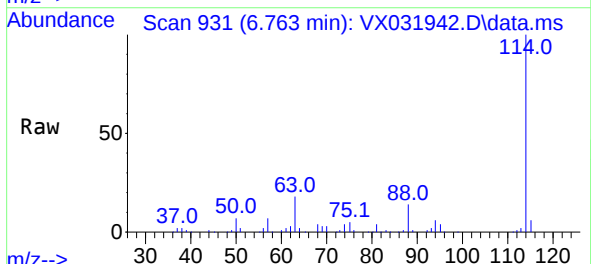
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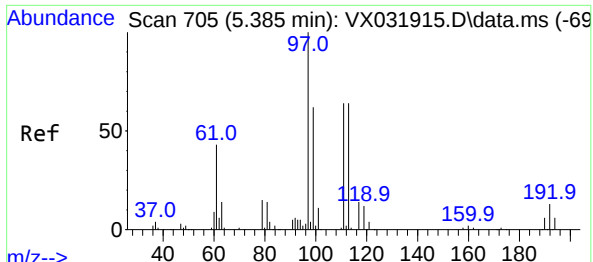
Tgt Ion: 65 Resp: 64736
Ion Ratio Lower Upper
65 100
67 51.3 0.0 102.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX031942.D
Acq: 07 Oct 2022 00:43

Tgt Ion: 114 Resp: 94980
Ion Ratio Lower Upper
114 100
63 18.0 0.0 42.6
88 14.5 0.0 33.0

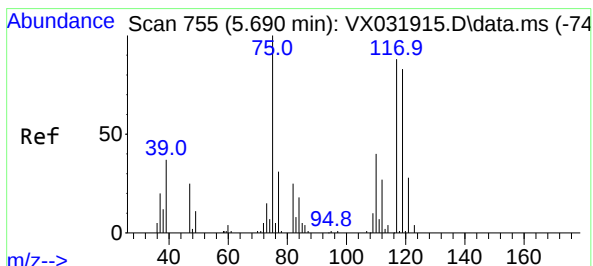
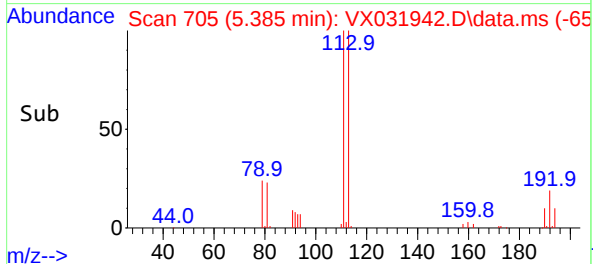
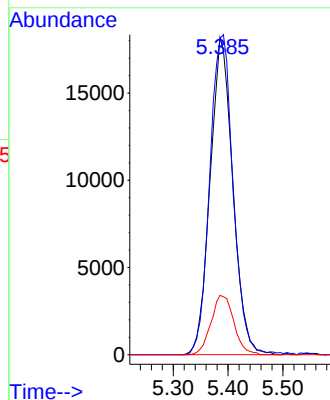
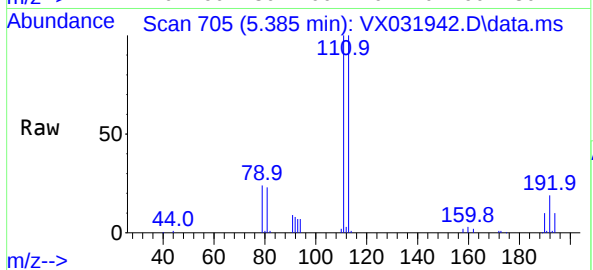




#35
Dibromofluoromethane
Concen: 48.674 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031942.D
Acq: 07 Oct 2022 00:43

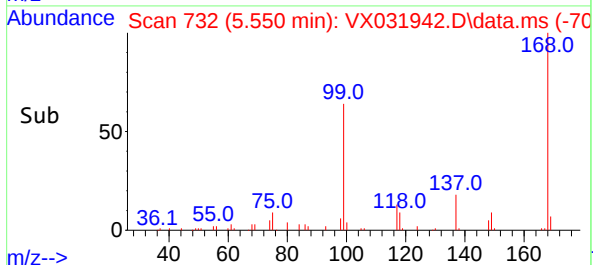
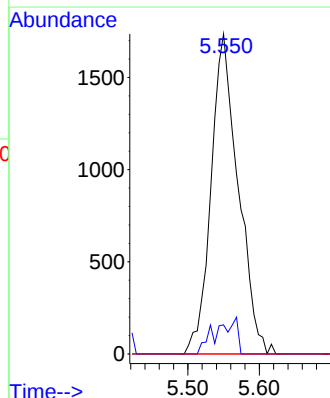
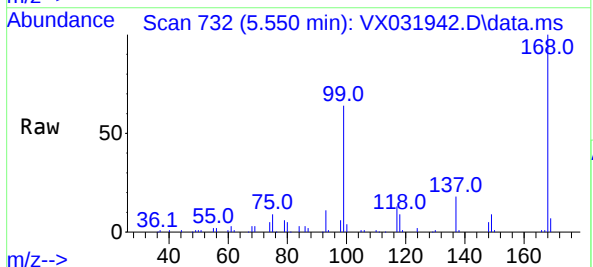
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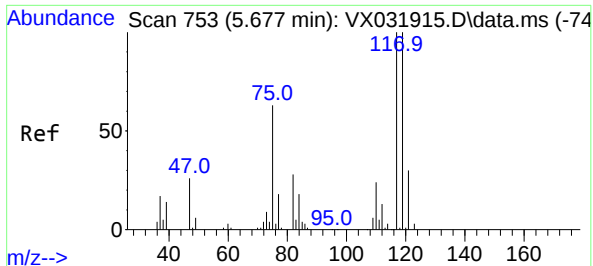
Tgt Ion:113 Resp: 52330
Ion Ratio Lower Upper
113 100
111 103.7 82.4 123.6
192 18.8 14.1 21.1



#36
1,1-Dichloropropene
Concen: 3.217 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX031942.D
Acq: 07 Oct 2022 00:43

Tgt Ion: 75 Resp: 4586
Ion Ratio Lower Upper
75 100
110 6.1 17.5 52.5#
77 0.0 24.9 37.3#

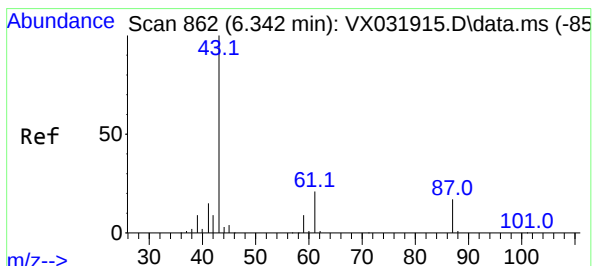
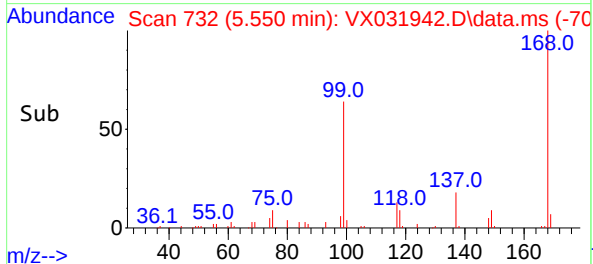
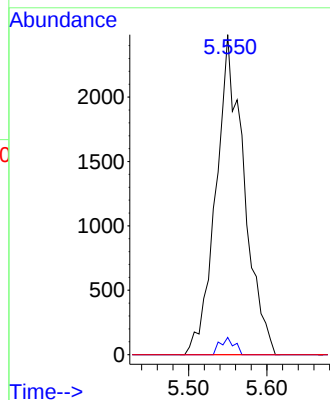
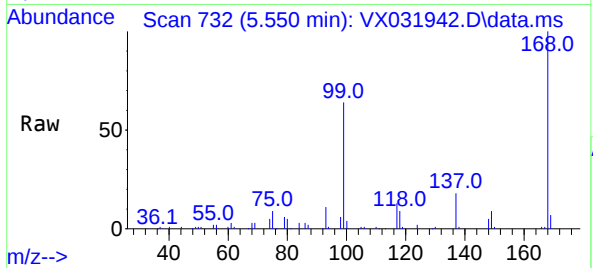




#38
Carbon Tetrachloride
Concen: 4.246 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX031942.D
Acq: 07 Oct 2022 00:43

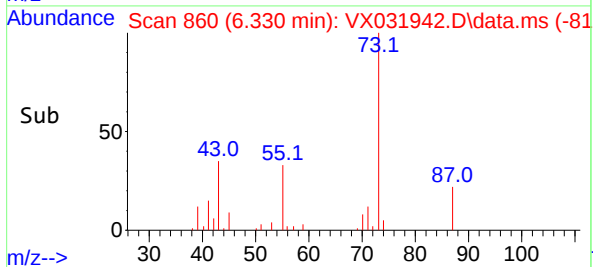
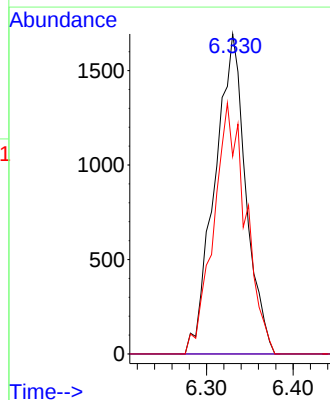
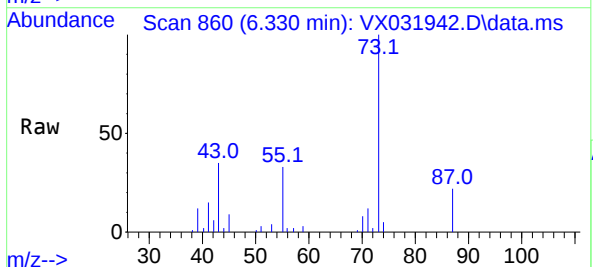
Instrument :
MSVOA_X
ClientSampleId :
MW-138

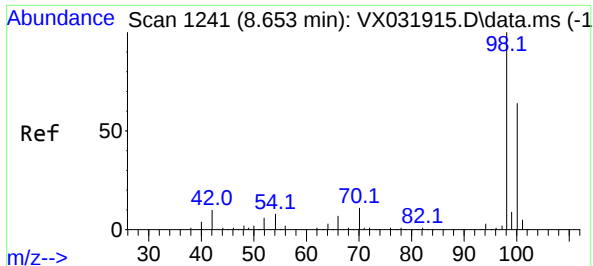
Tgt Ion:117 Resp: 6190
Ion Ratio Lower Upper
117 100
119 5.4 74.6 112.0#
121 0.0 25.3 37.9#



#43
Isopropyl Acetate
Concen: 2.081 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.012 min
Lab File: VX031942.D
Acq: 07 Oct 2022 00:43

Tgt Ion: 43 Resp: 4238
Ion Ratio Lower Upper
43 100
61 0.0 15.3 22.9#
87 80.9 10.6 15.8#

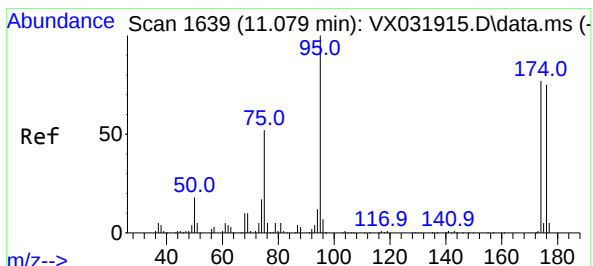
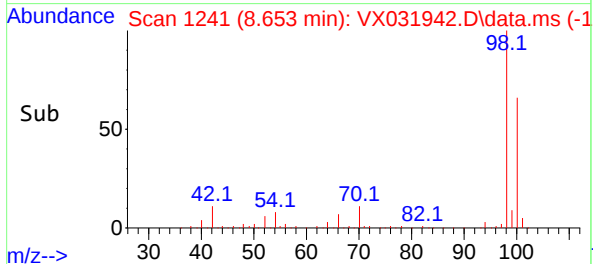
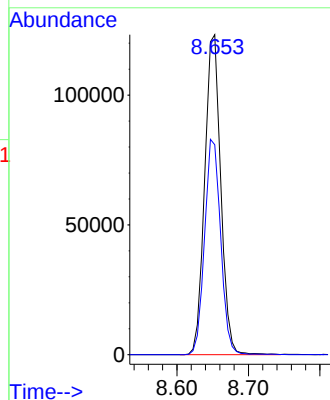
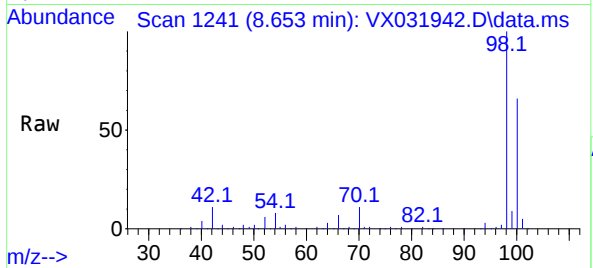




#50
Toluene-d8
Concen: 49.798 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031942.D
Acq: 07 Oct 2022 00:43

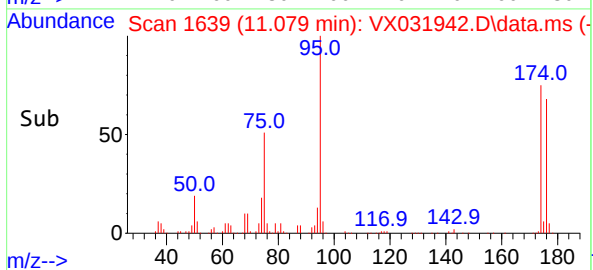
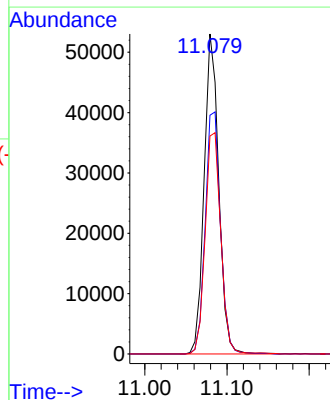
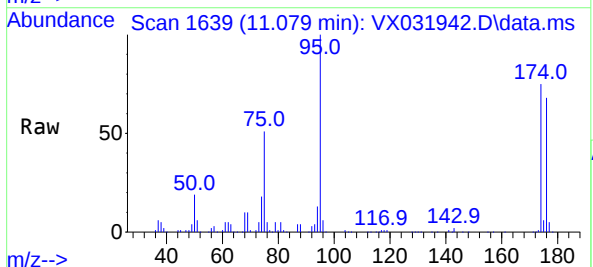
Instrument :
MSVOA_X
ClientSampleId :
MW-138

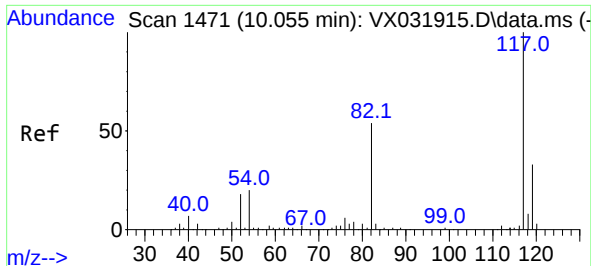
Tgt Ion: 98 Resp: 192651
Ion Ratio Lower Upper
98 100
100 67.3 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 47.769 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031942.D
Acq: 07 Oct 2022 00:43

Tgt Ion: 95 Resp: 65332
Ion Ratio Lower Upper
95 100
174 78.9 0.0 153.2
176 74.2 0.0 144.0

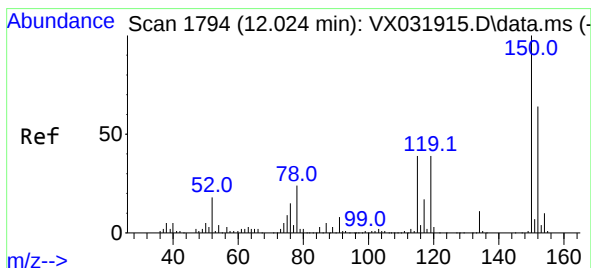
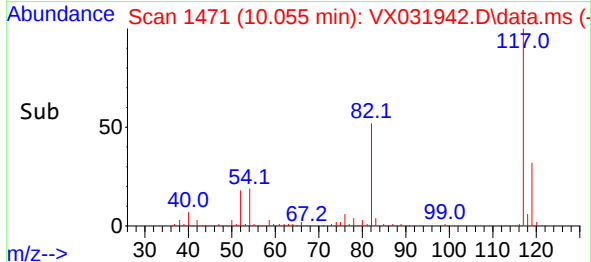
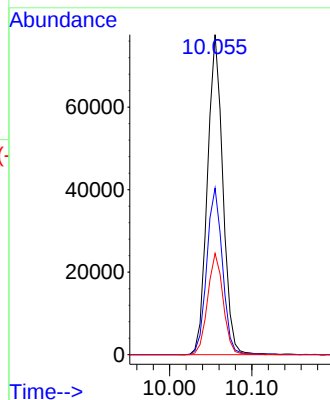
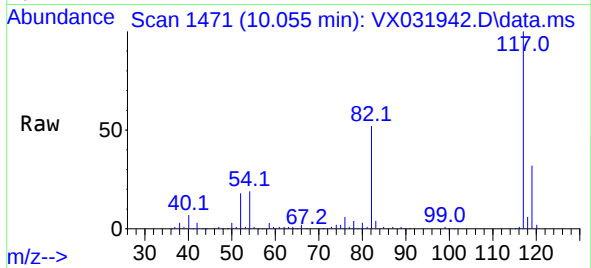




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031942.D
Acq: 07 Oct 2022 00:43

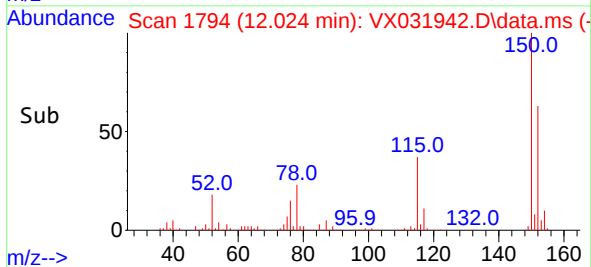
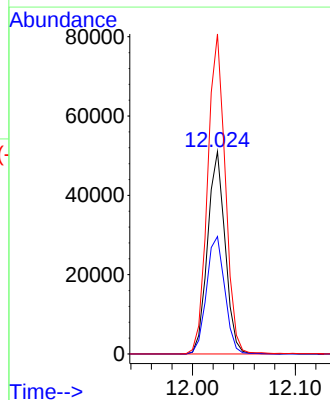
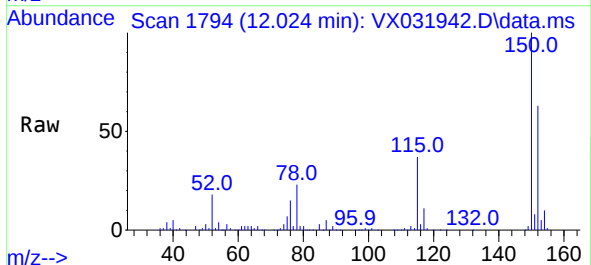
Instrument :
MSVOA_X
ClientSampleId :
MW-138

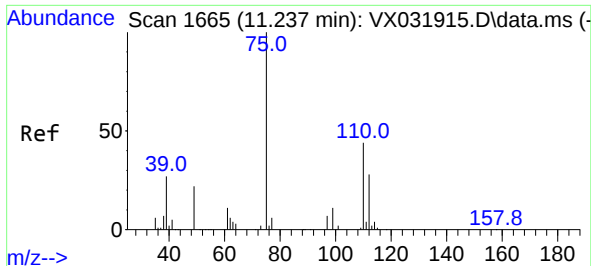
Tgt Ion:117 Resp: 101167
Ion Ratio Lower Upper
117 100
82 52.1 46.8 70.2
119 31.7 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031942.D
Acq: 07 Oct 2022 00:43

Tgt Ion:152 Resp: 60654
Ion Ratio Lower Upper
152 100
115 60.7 43.4 130.1
150 159.7 0.0 346.8

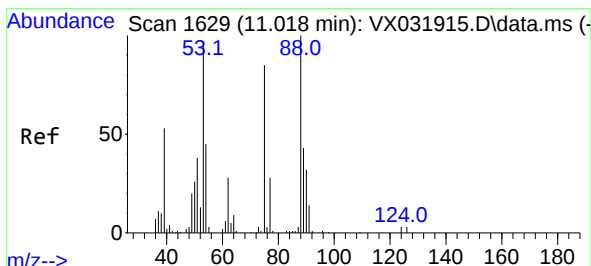
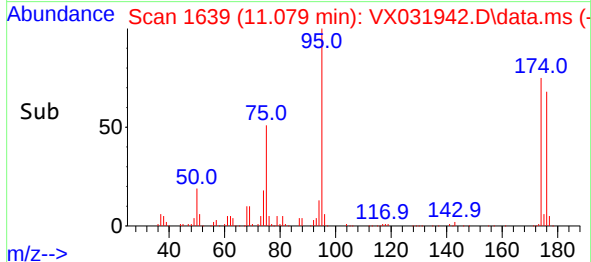
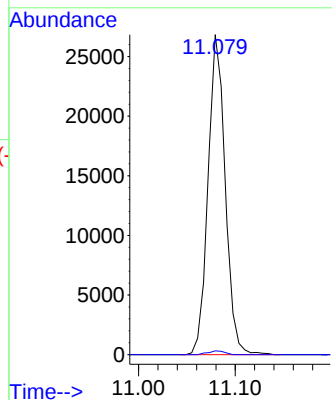
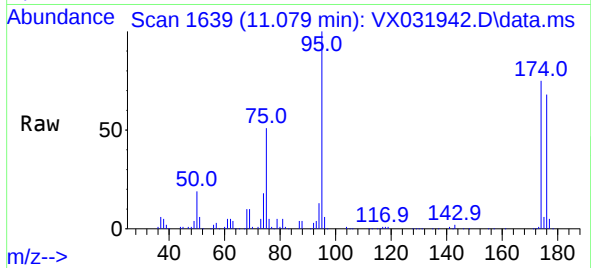




#76
1,2,3-Trichloropropane
Concen: 26.687 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031942.D
Acq: 07 Oct 2022 00:43

Instrument :
MSVOA_X
ClientSampleId :
MW-138

Tgt Ion: 75 Resp: 33175
Ion Ratio Lower Upper
75 100
77 1.2 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.487 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031942.D
Acq: 07 Oct 2022 00:43

Tgt Ion: 75 Resp: 33175
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

