

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052022\
 Data File : VX028863.D
 Acq On : 20 May 2022 20:03
 Operator : JC/MD
 Sample : N2958-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-MW01D3-20220517

Quant Time: May 20 23:34:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

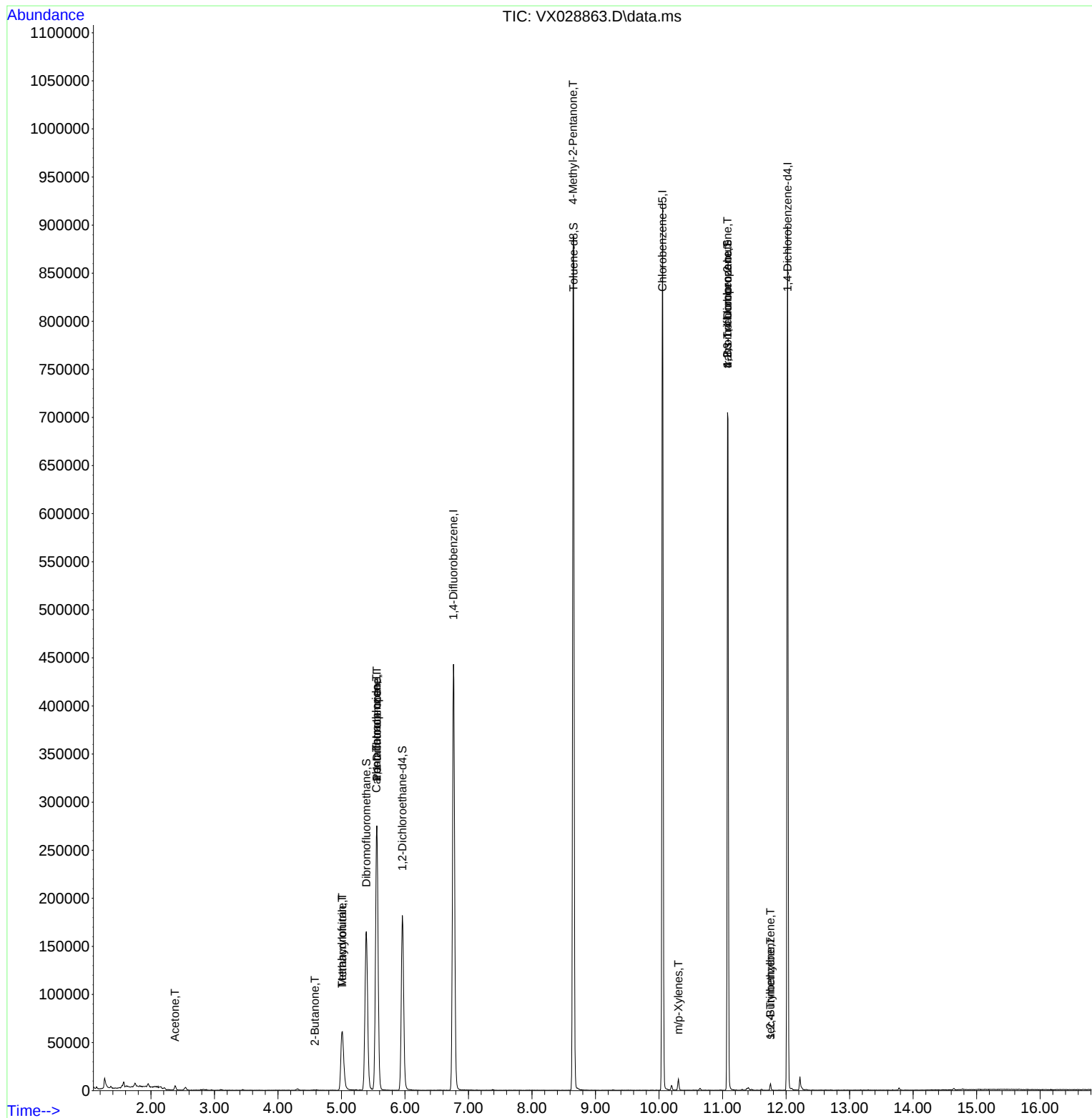
Internal Standards						
1) Pentafluorobenzene	5.556	168	252508	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	446984	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	403756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	176217	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	175071	50.580	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.160%			
35) Dibromofluoromethane	5.391	113	142896	48.794	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.580%			
50) Toluene-d8	8.653	98	528483	47.864	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 95.720%			
62) 4-Bromofluorobenzene	11.079	95	186176	45.145	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 90.280%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	603	Below Cal	#	72
6) Chloroethane	1.642	64	1053	Below Cal	#	43
11) Tert butyl alcohol	2.959	59	91	Below Cal	#	72
16) Acetone	2.380	43	4882	3.286	ug/l #	81
25) 2-Butanone	4.580	43	700	0.300	ug/l #	44
29) Tetrahydrofuran	5.007	42	57183	37.728	ug/l	92
36) 1,1-Dichloropropene	5.556	75	20922	4.756	ug/l #	50
38) Carbon Tetrachloride	5.550	117	27080	6.117	ug/l #	15
41) Methacrylonitrile	5.013	41	34364	13.950	ug/l #	41
51) 4-Methyl-2-Pentanone	8.647	43	2279	0.481	ug/l #	1
68) m/p-Xylenes	10.305	106	2872	0.480	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	100719	24.406	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	100719	71.043	ug/l #	15
84) 1,2,4-Trimethylbenzene	11.756	105	3205	0.287	ug/l	99
85) sec-Butylbenzene	11.756	105	3205	0.241	ug/l #	56

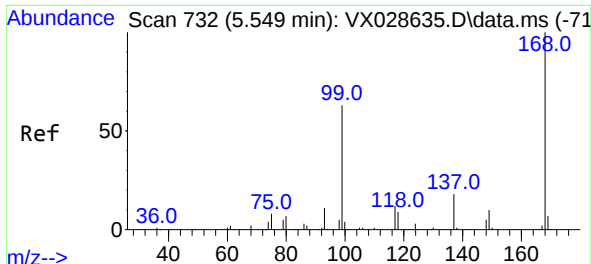
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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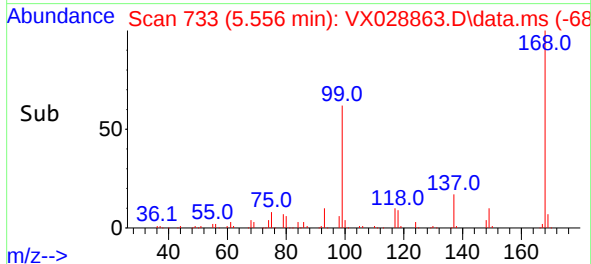
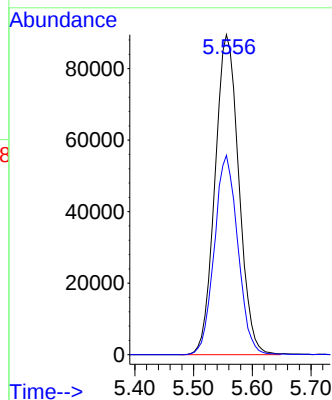
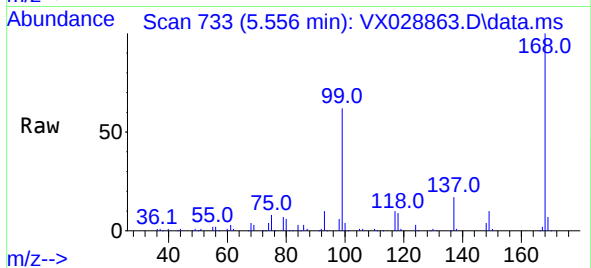




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028863.D
Acq: 20 May 2022 20:03

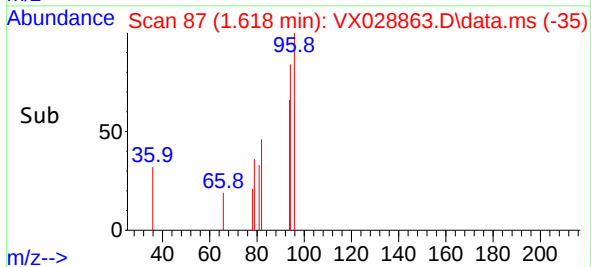
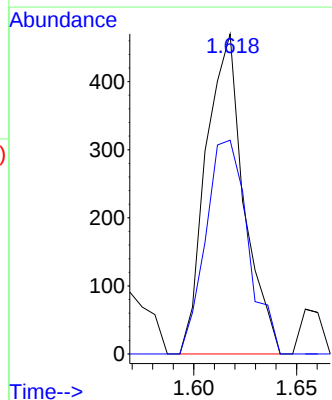
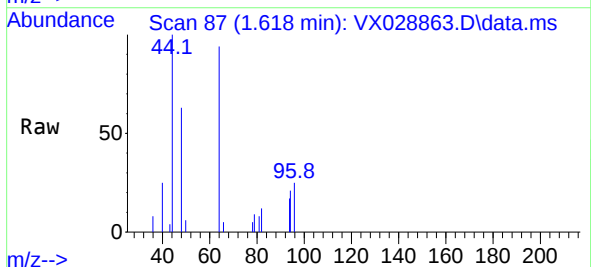
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20220517

Tgt Ion:168 Resp: 252508
Ion Ratio Lower Upper
168 100
99 62.3 41.7 62.5

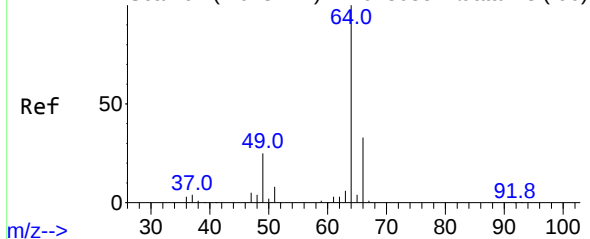


#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX028863.D
Acq: 20 May 2022 20:03

Tgt Ion: 94 Resp: 603
Ion Ratio Lower Upper
94 100
96 66.8 75.3 112.9#



Abundance Scan 97 (1.678 min): VX028635.D\data.ms (-90)

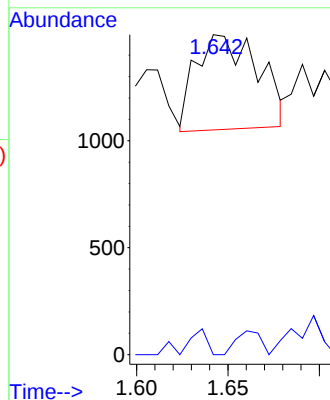
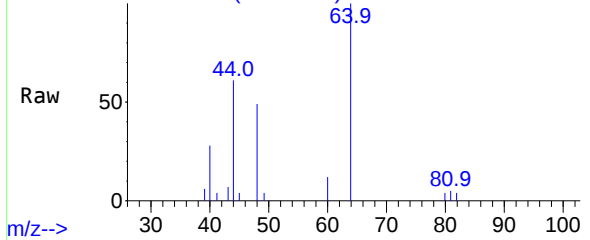


#6
Chloroethane
Concen: Below Cal
RT: 1.642 min Scan# 91
Delta R.T. -0.036 min
Lab File: VX028863.D
Acq: 20 May 2022 20:03

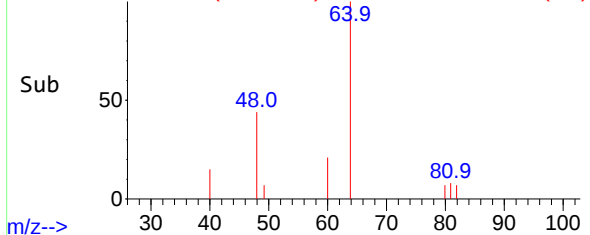
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20220517

Tgt Ion: 64 Resp: 1053
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

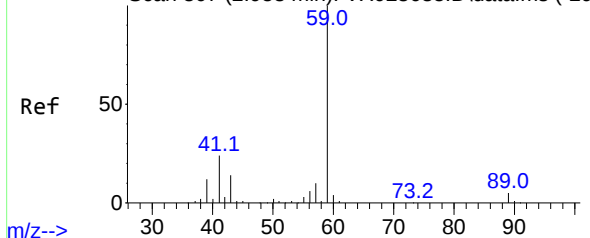
Abundance Scan 91 (1.642 min): VX028863.D\data.ms



Abundance Scan 91 (1.642 min): VX028863.D\data.ms (-48)



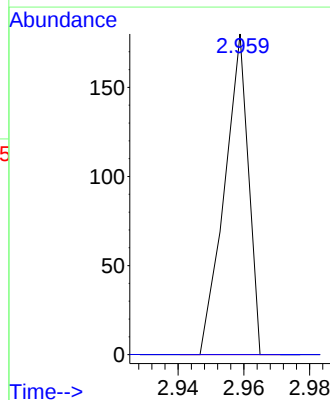
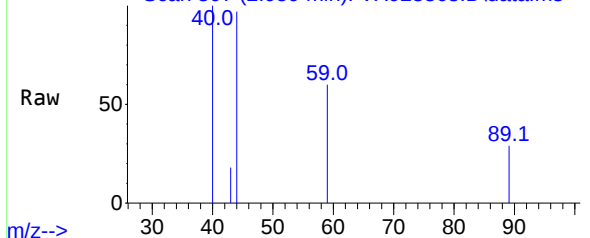
Abundance Scan 307 (2.958 min): VX028635.D\data.ms (-29)



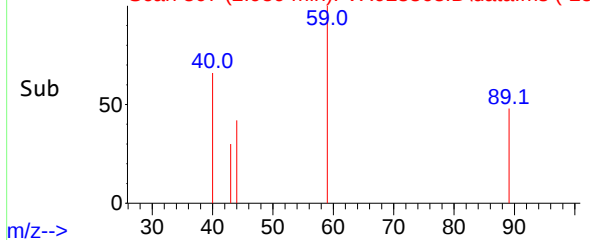
#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. 0.001 min
Lab File: VX028863.D
Acq: 20 May 2022 20:03

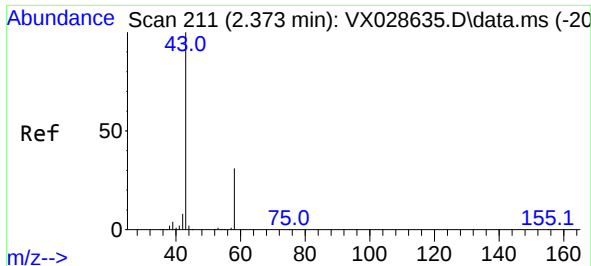
Tgt Ion: 59 Resp: 91
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

Abundance Scan 307 (2.959 min): VX028863.D\data.ms



Abundance Scan 307 (2.959 min): VX028863.D\data.ms (-25)

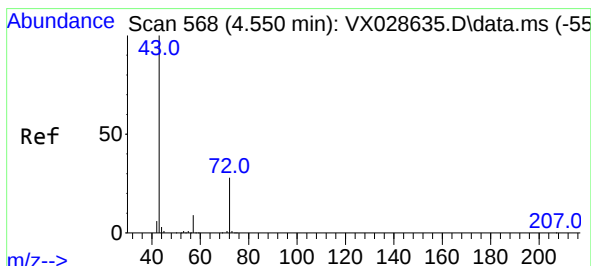
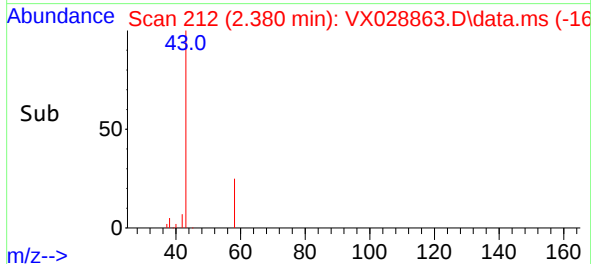
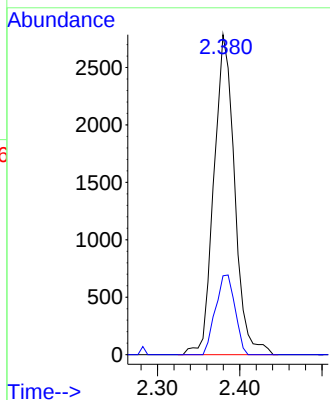
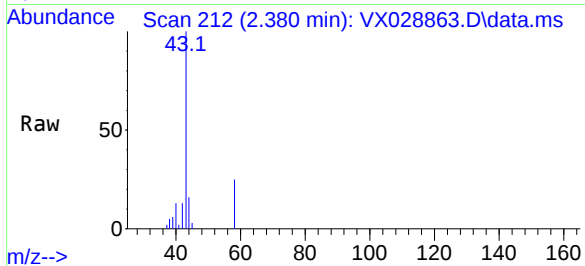




#16
Acetone
Concen: 3.286 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028863.D
Acq: 20 May 2022 20:03

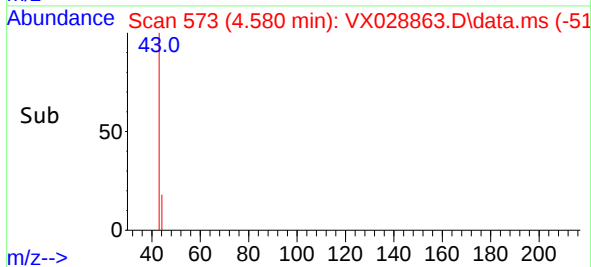
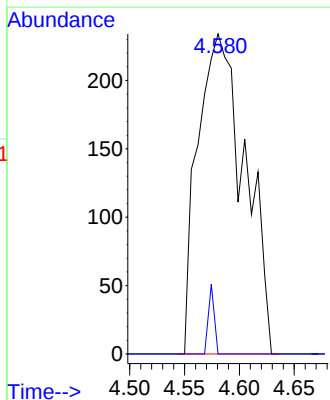
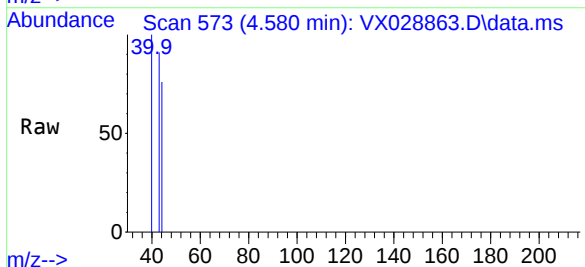
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20220517

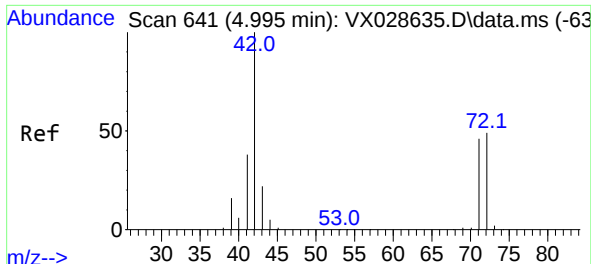
Tgt Ion: 43 Resp: 4882
Ion Ratio Lower Upper
43 100
58 24.7 28.8 43.2#



#25
2-Butanone
Concen: 0.300 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.030 min
Lab File: VX028863.D
Acq: 20 May 2022 20:03

Tgt Ion: 43 Resp: 700
Ion Ratio Lower Upper
43 100
72 0.0 24.4 36.6#





#29

Tetrahydrofuran

Concen: 37.728 ug/l

RT: 5.007 min Scan# 641

Delta R.T. 0.012 min

Lab File: VX028863.D

Acq: 20 May 2022 20:03

Instrument :

MSVOA_X

ClientSampleId :

RW8-MW01D3-20220517

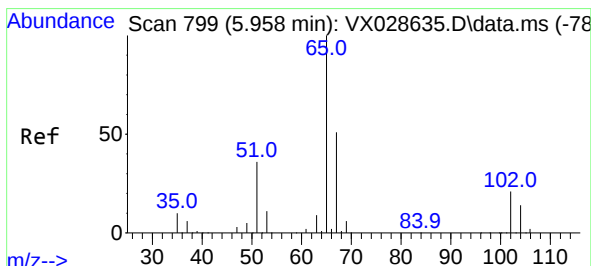
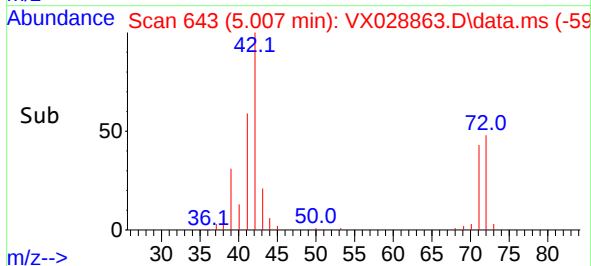
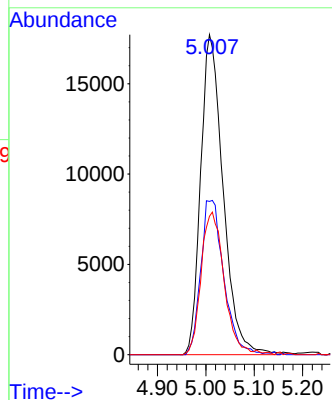
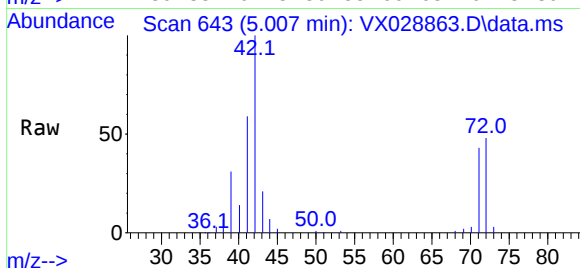
Tgt Ion: 42 Resp: 57183

Ion Ratio Lower Upper

42 100

72 49.5 44.1 66.1

71 45.4 40.5 60.7



#33

1,2-Dichloroethane-d4

Concen: 50.580 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028863.D

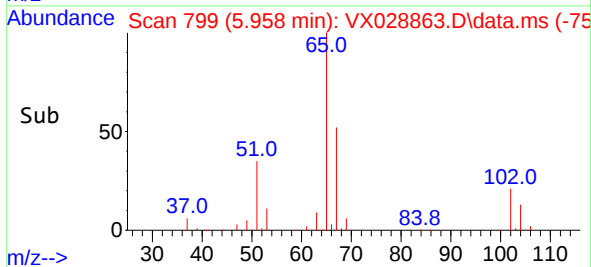
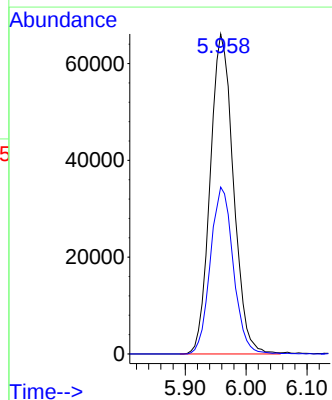
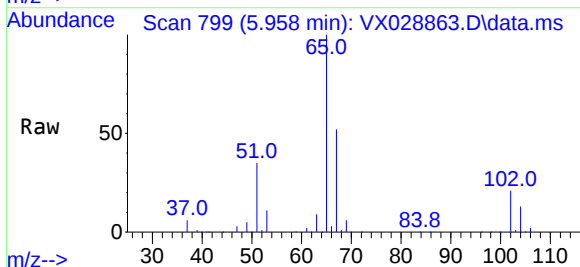
Acq: 20 May 2022 20:03

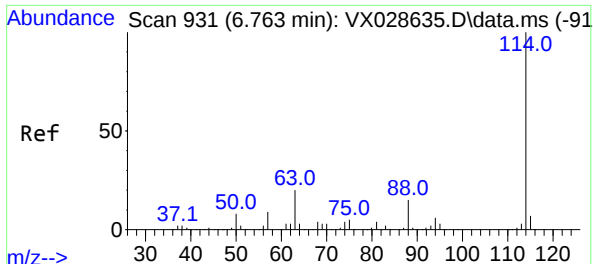
Tgt Ion: 65 Resp: 175071

Ion Ratio Lower Upper

65 100

67 51.6 0.0 107.4

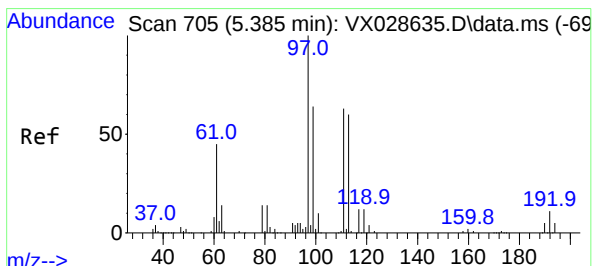
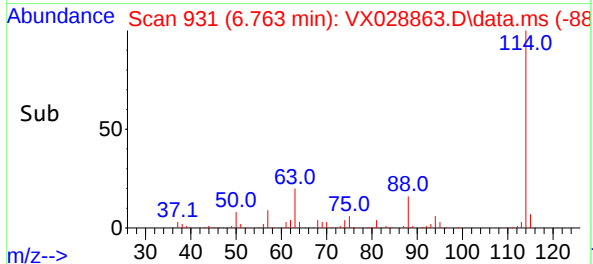
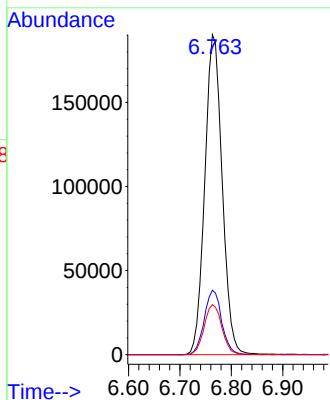
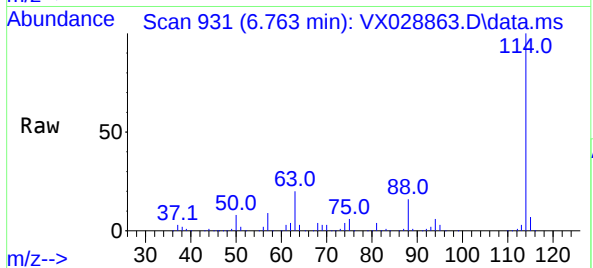




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028863.D
Acq: 20 May 2022 20:03

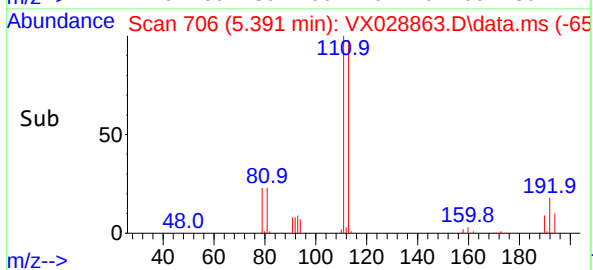
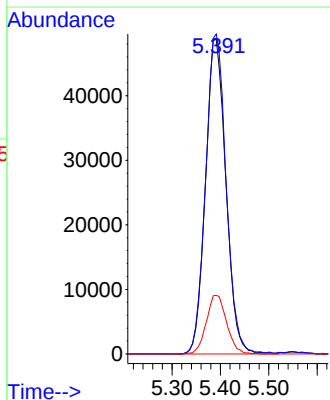
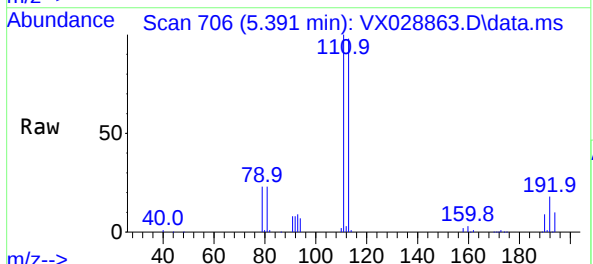
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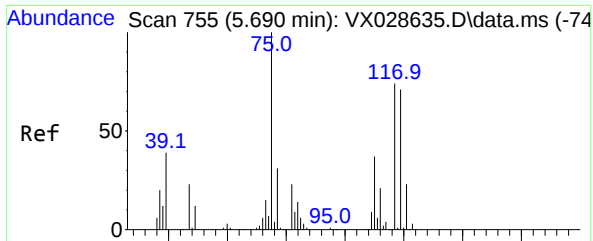
Tgt Ion:114 Resp: 446984
Ion Ratio Lower Upper
114 100
63 20.1 0.0 36.8
88 15.7 0.0 32.4



#35
Dibromofluoromethane
Concen: 48.794 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028863.D
Acq: 20 May 2022 20:03

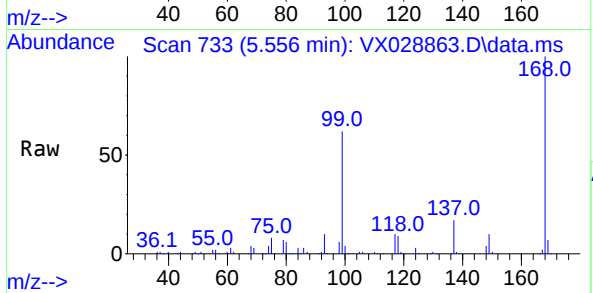
Tgt Ion:113 Resp: 142896
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 18.6 16.9 25.3





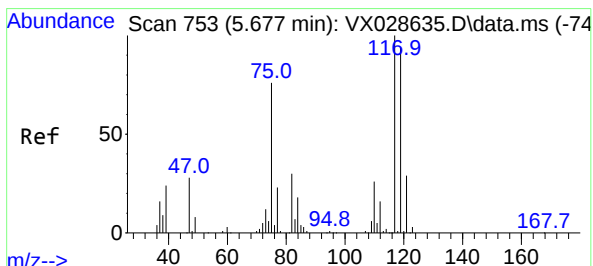
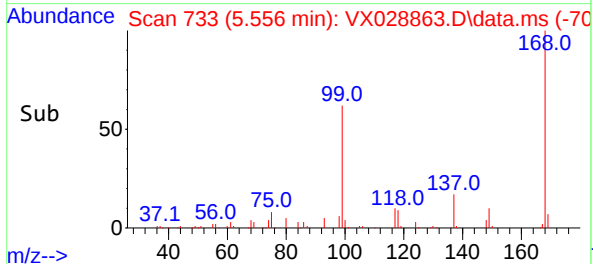
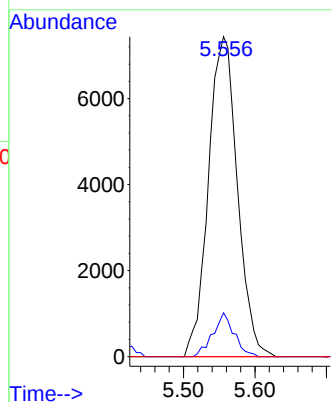
#36
 1,1-Dichloropropene
 Concen: 4.756 ug/l
 RT: 5.556 min Scan# 71
 Delta R.T. -0.134 min
 Lab File: VX028863.D
 Acq: 20 May 2022 20:03

Instrument :
 MSVOA_X
 ClientSampleId :
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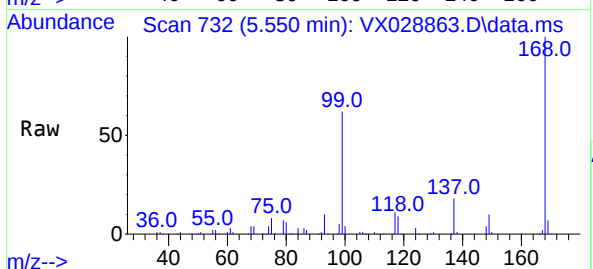


Tgt Ion: 75 Resp: 20922

Ion	Ratio	Lower	Upper
75	100		
110	10.1	18.3	54.8#
77	0.0	24.8	37.2#

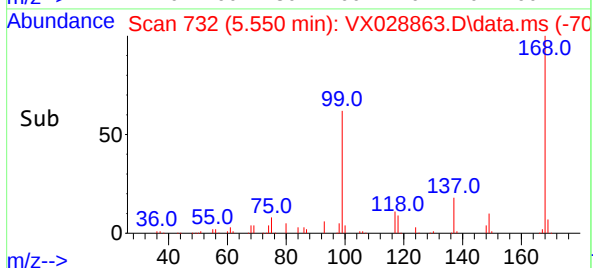
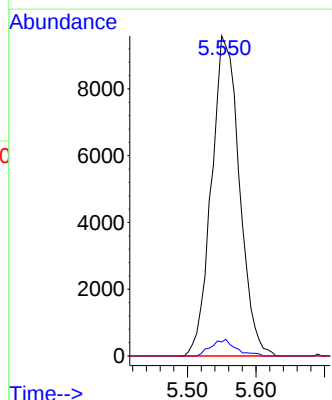


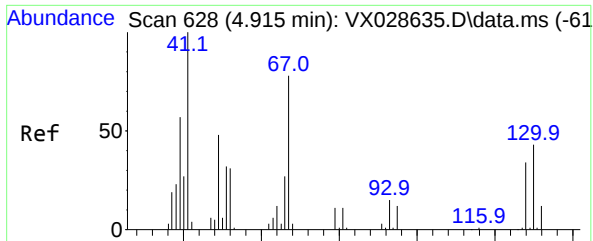
#38
 Carbon Tetrachloride
 Concen: 6.117 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.127 min
 Lab File: VX028863.D
 Acq: 20 May 2022 20:03



Tgt Ion: 117 Resp: 27080

Ion	Ratio	Lower	Upper
117	100		
119	4.4	77.3	115.9#
121	0.0	24.2	36.2#

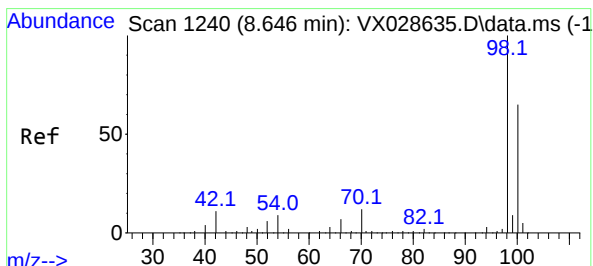
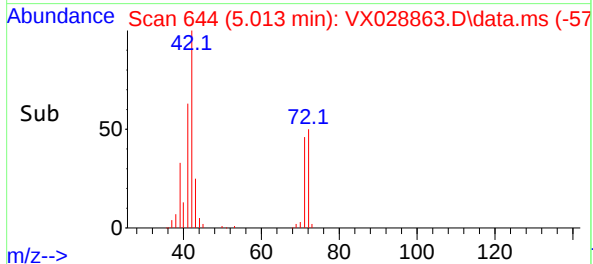
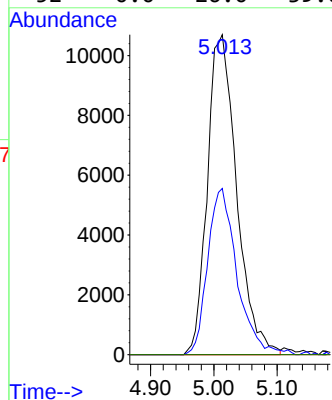
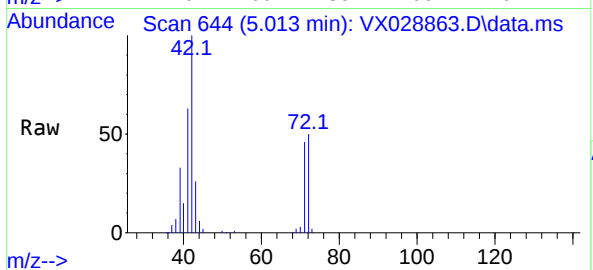




#41
Methacrylonitrile
Concen: 13.950 ug/l
RT: 5.013 min Scan# 64
Delta R.T. 0.098 min
Lab File: VX028863.D
Acq: 20 May 2022 20:03

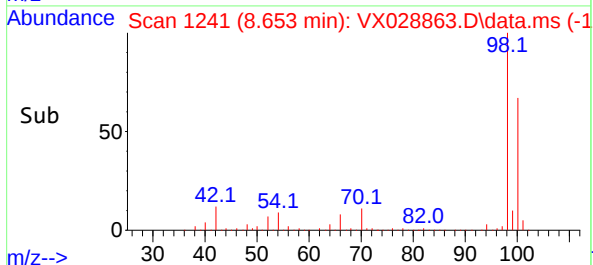
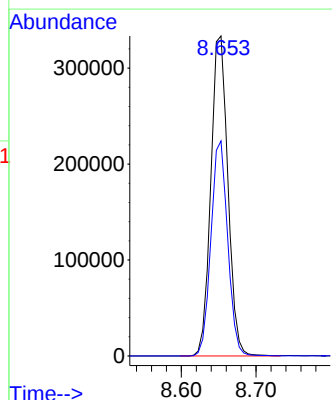
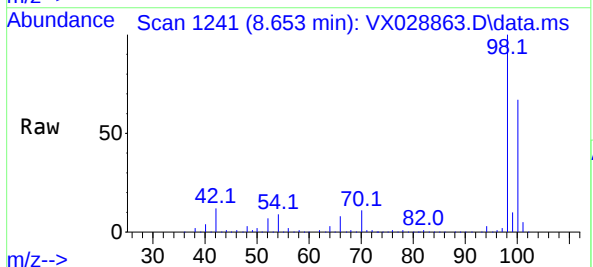
Instrument :
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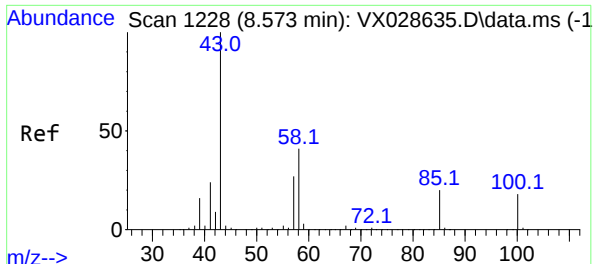
Tgt Ion: 41 Resp: 34364
Ion Ratio Lower Upper
41 100
39 52.0 43.0 64.4
67 0.0 70.2 105.4#
52 0.0 26.0 39.0#



#50
Toluene-d8
Concen: 47.864 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028863.D
Acq: 20 May 2022 20:03

Tgt Ion: 98 Resp: 528483
Ion Ratio Lower Upper
98 100
100 66.0 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.481 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.074 min

Lab File: VX028863.D

Acq: 20 May 2022 20:03

Instrument :

MSVOA_X

ClientSampleId :

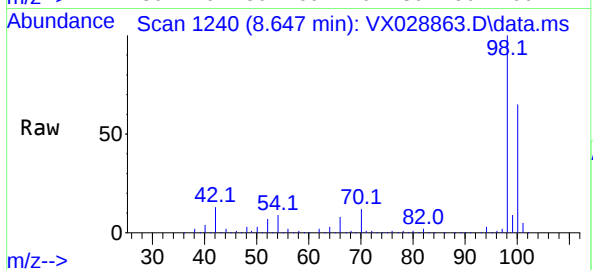
RW8-MW01D3-20220517

Tgt Ion: 43 Resp: 2279

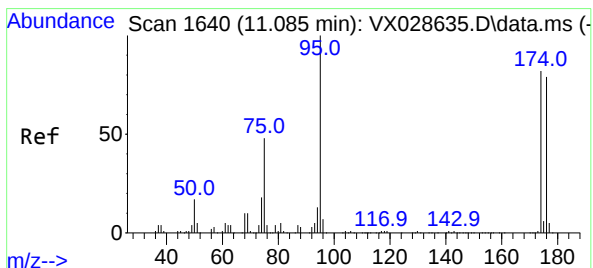
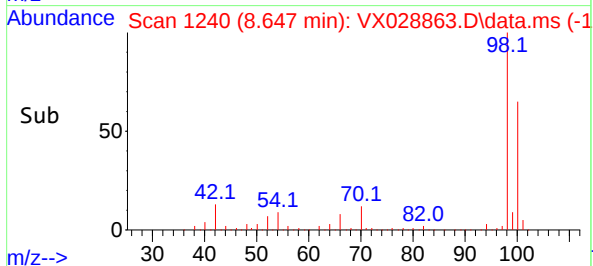
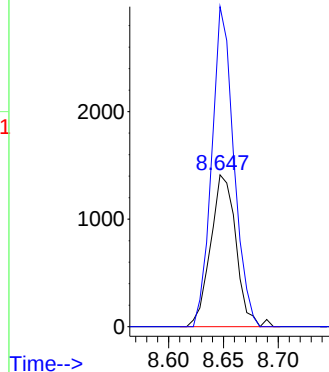
Ion Ratio Lower Upper

43 100

58 182.5 36.1 54.1#



Abundance



#62

4-Bromofluorobenzene

Concen: 45.145 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX028863.D

Acq: 20 May 2022 20:03

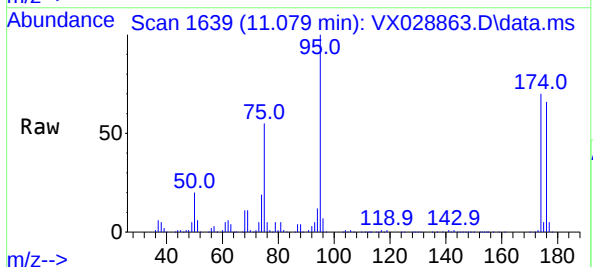
Tgt Ion: 95 Resp: 186176

Ion Ratio Lower Upper

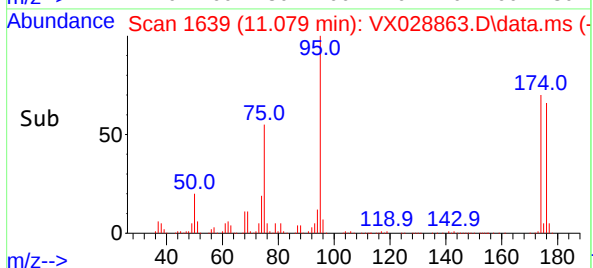
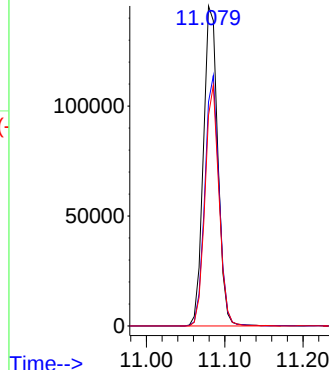
95 100

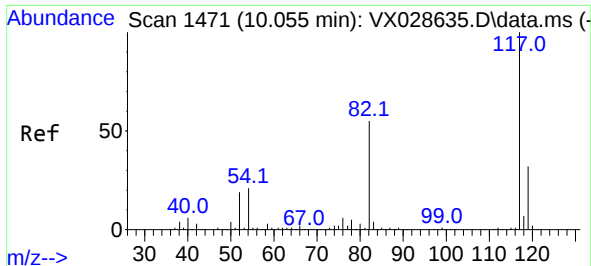
174 77.1 0.0 163.0

176 72.9 0.0 155.0



Abundance

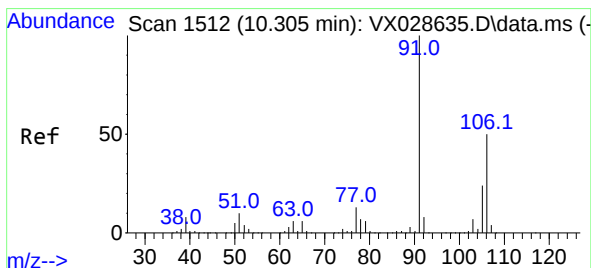
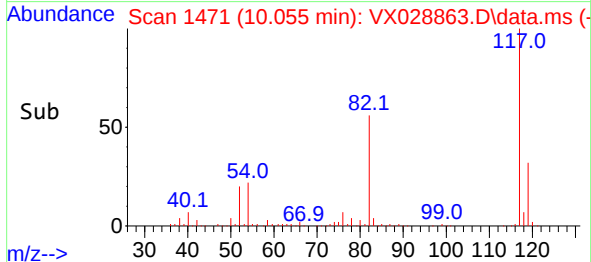
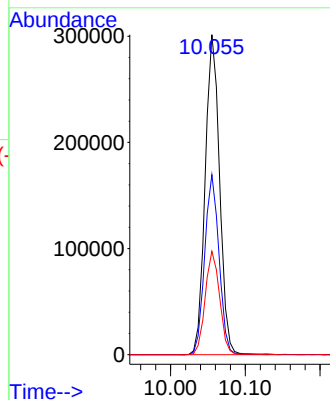
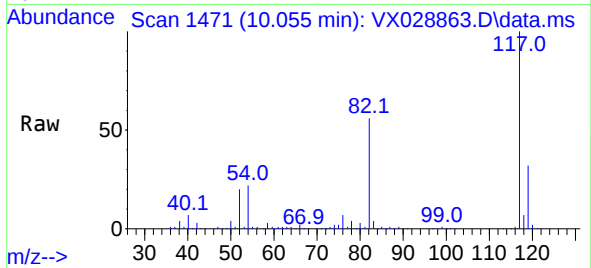




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028863.D
Acq: 20 May 2022 20:03

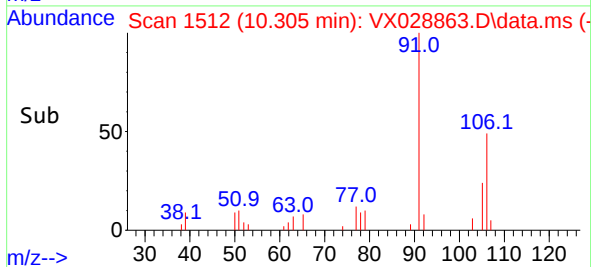
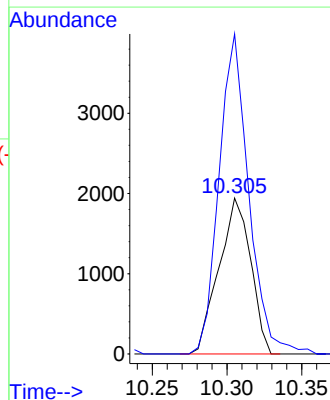
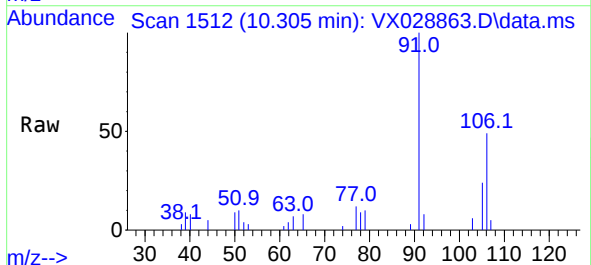
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20220517

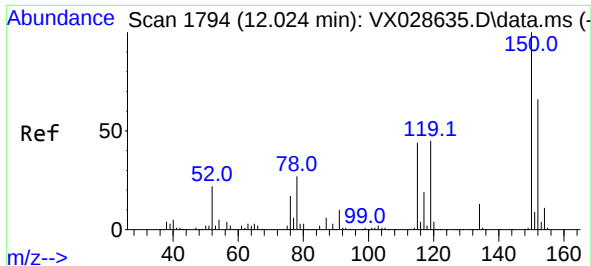
Tgt Ion:117 Resp: 403756
Ion Ratio Lower Upper
117 100
82 56.3 41.8 62.8
119 32.3 24.8 37.2



#68
m/p-Xylenes
Concen: 0.480 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX028863.D
Acq: 20 May 2022 20:03

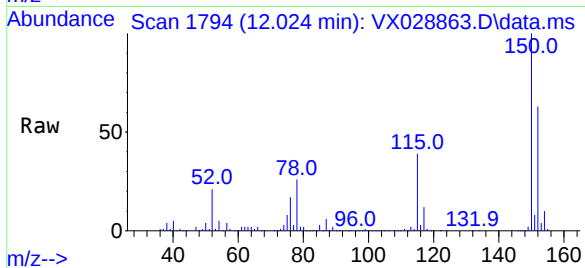
Tgt Ion:106 Resp: 2872
Ion Ratio Lower Upper
106 100
91 192.2 160.4 240.6



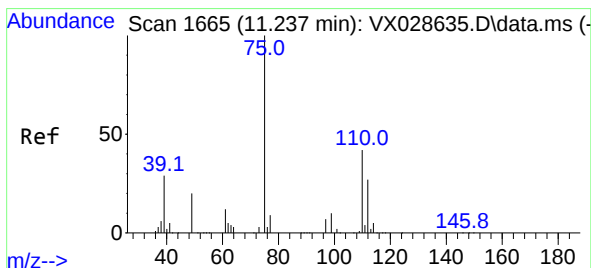
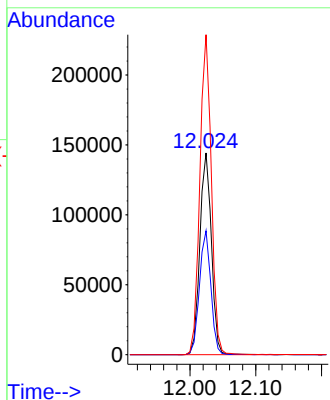
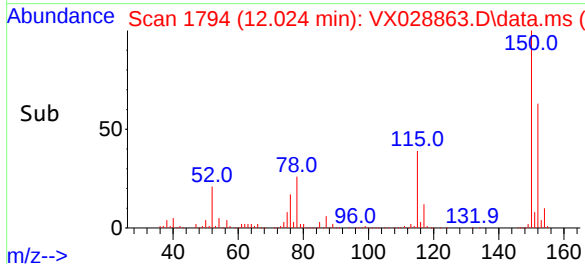


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028863.D
Acq: 20 May 2022 20:03

Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20220517

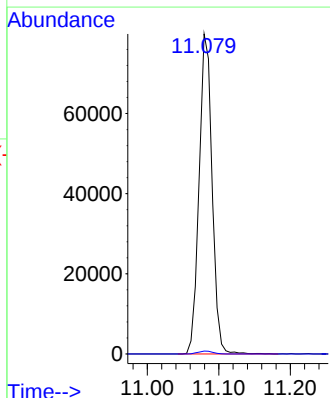
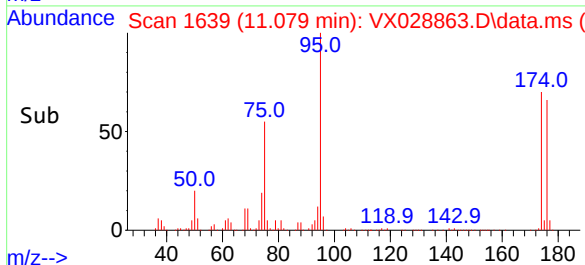
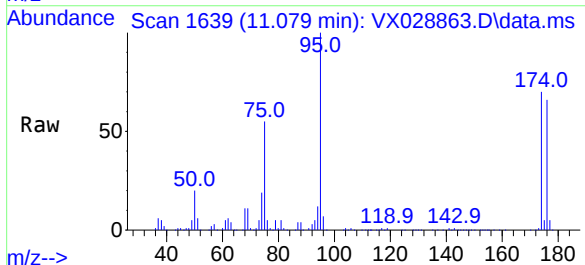


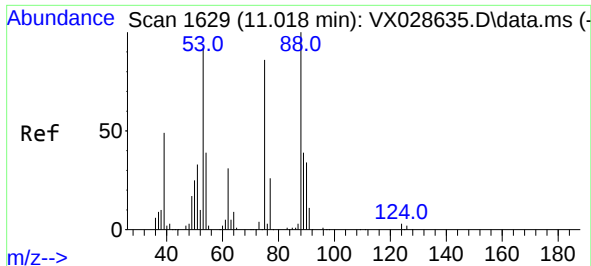
Tgt Ion:152 Resp: 176217
Ion Ratio Lower Upper
152 100
115 60.8 37.5 112.7
150 157.5 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 24.406 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028863.D
Acq: 20 May 2022 20:03

Tgt Ion: 75 Resp: 100719
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#

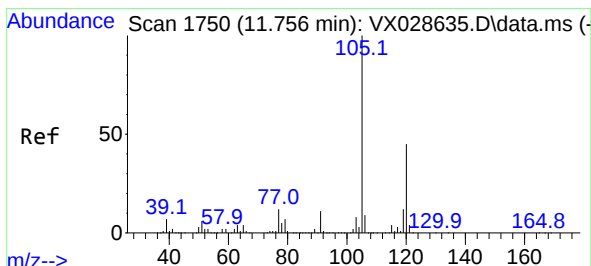
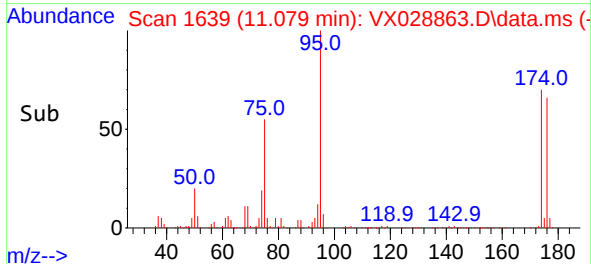
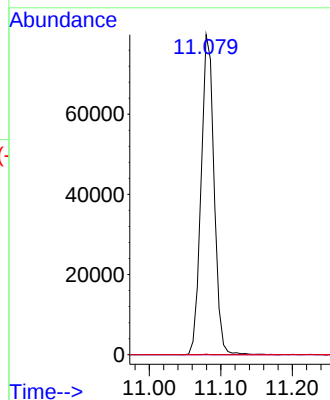
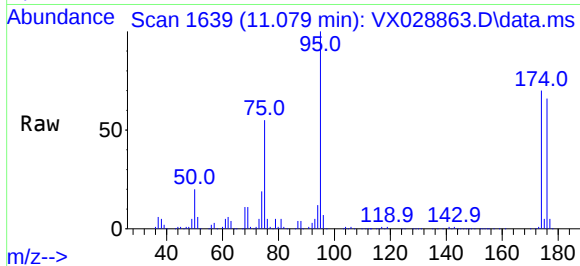




#81
trans-1,4-Dichloro-2-butene
Concen: 71.043 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028863.D
Acq: 20 May 2022 20:03

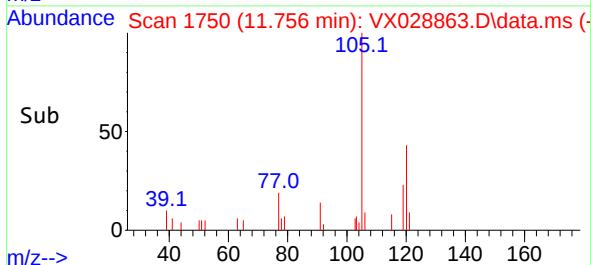
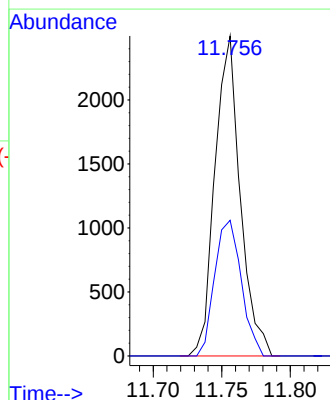
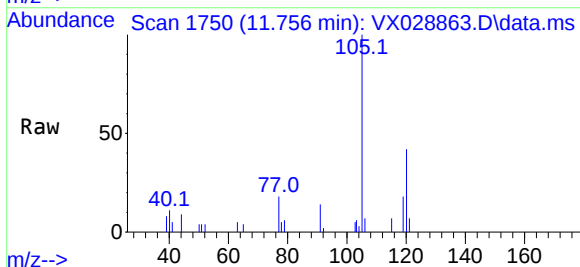
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20220517

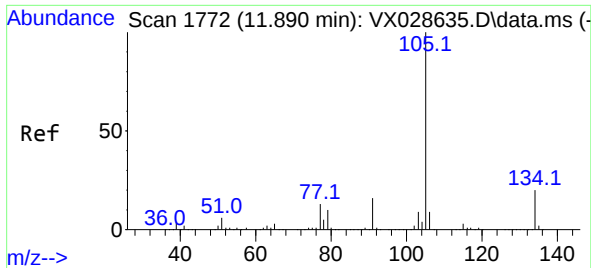
Tgt Ion: 75 Resp: 100719
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.1 37.0 55.6#



#84
1,2,4-Trimethylbenzene
Concen: 0.287 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX028863.D
Acq: 20 May 2022 20:03

Tgt Ion:105 Resp: 3205
Ion Ratio Lower Upper
105 100
120 44.6 22.6 67.8





#85
sec-Butylbenzene
Concen: 0.241 ug/l
RT: 11.756 min Scan# 11
Delta R.T. -0.134 min
Lab File: VX028863.D
Acq: 20 May 2022 20:03

Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20220517

Tgt Ion:105 Resp: 3205
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#

