

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052022\
 Data File : VX028853.D
 Acq On : 20 May 2022 16:10
 Operator : JC/MD
 Sample : N2943-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-42

Quant Time: May 20 23:29:59 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)

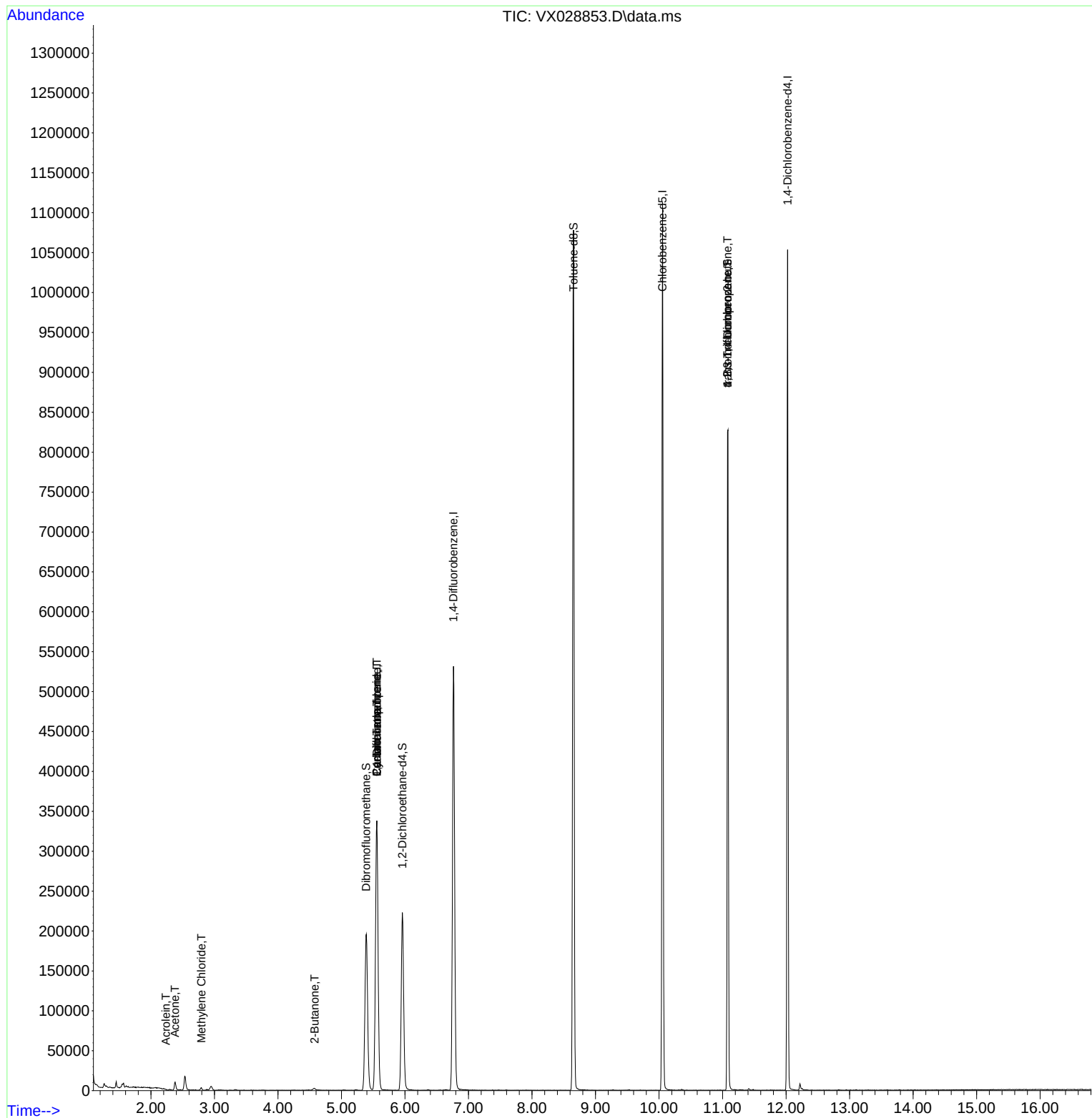
Internal Standards						
1) Pentafluorobenzene	5.556	168	310129	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	536492	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	480082	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	207464	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	224707	52.858	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.720%	
35) Dibromofluoromethane	5.385	113	172334	49.028	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 98.060%	
50) Toluene-d8	8.653	98	632755	47.747	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 95.500%	
62) 4-Bromofluorobenzene	11.079	95	227881	46.038	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 92.080%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	874	Below Cal		91
6) Chloroethane	1.642	64	509	Below Cal	#	61
11) Tert butyl alcohol	2.947	59	3720	Below Cal	#	76
13) Acrolein	2.233	56	225	0.322	ug/l #	62
16) Acetone	2.380	43	11010	6.035	ug/l	93
20) Methylene Chloride	2.794	84	1261	0.329	ug/l #	94
25) 2-Butanone	4.574	43	3291	1.149	ug/l #	88
31) Cyclohexane	5.556	56	6946	1.177	ug/l #	5
36) 1,1-Dichloropropene	5.556	75	25090	4.752	ug/l #	49
38) Carbon Tetrachloride	5.556	117	33898	6.380	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	121204	24.946	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	121204	72.530	ug/l #	15

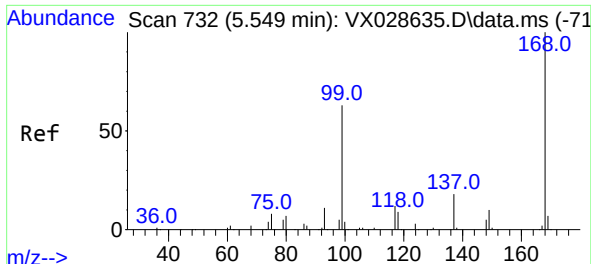
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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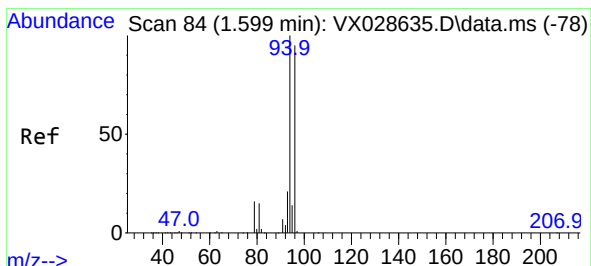
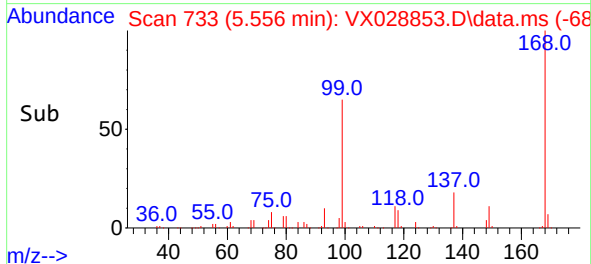
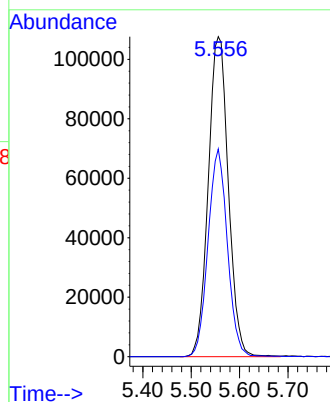
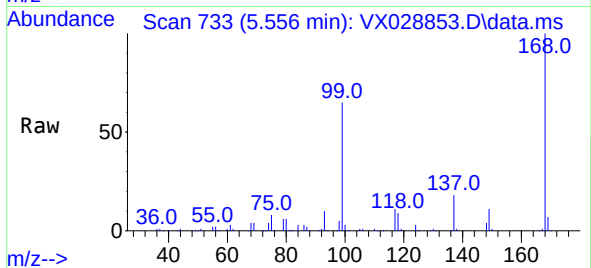




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028853.D
Acq: 20 May 2022 16:10

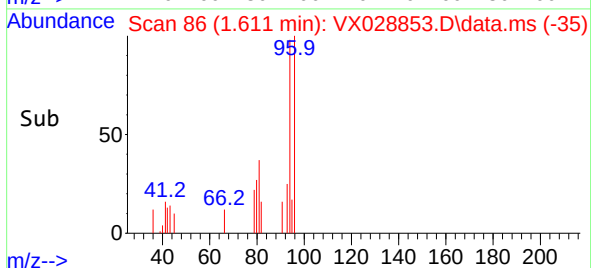
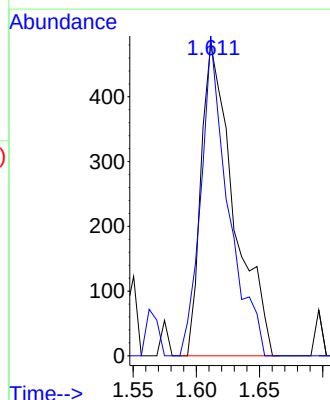
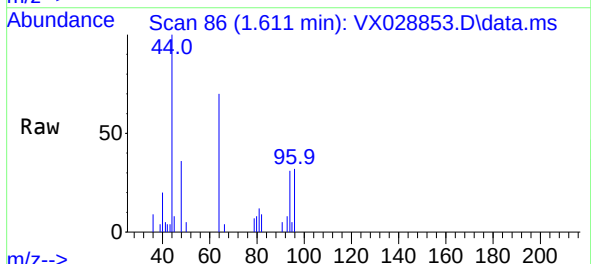
Instrument :
MSVOA_X
ClientSampleId :
MW-42

Tgt Ion:168 Resp: 310129
Ion Ratio Lower Upper
168 100
99 64.9 41.7 62.5#

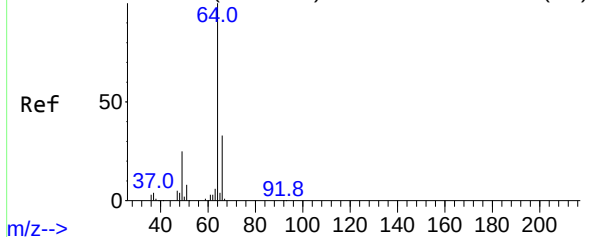


#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX028853.D
Acq: 20 May 2022 16:10

Tgt Ion: 94 Resp: 874
Ion Ratio Lower Upper
94 100
96 102.5 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: VX028853.D

Acq: 20 May 2022 16:10

Instrument :

MSVOA_X

ClientSampleId :

MW-42

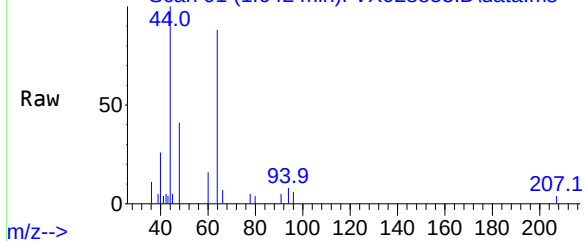
Tgt Ion: 64 Resp: 509

Ion Ratio Lower Upper

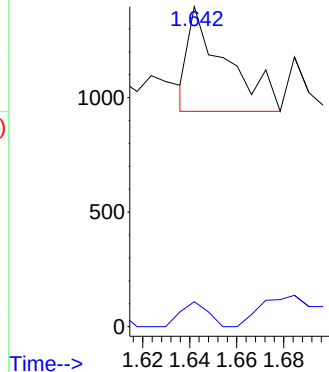
64 100

66 9.8 25.3 37.9#

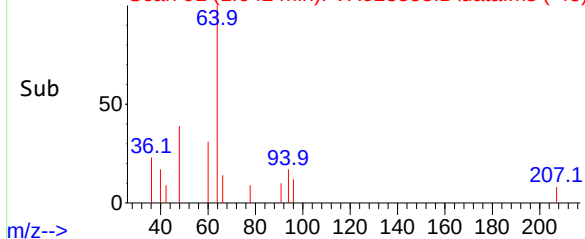
Abundance Scan 91 (1.642 min): VX028853.D\data.ms



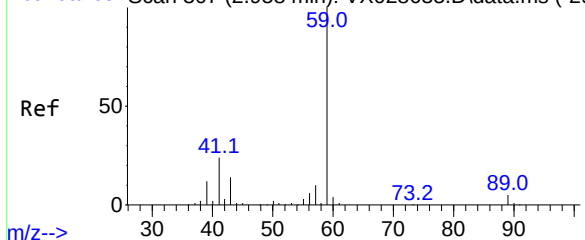
Abundance



Abundance Scan 91 (1.642 min): VX028853.D\data.ms (-48)



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



#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.947 min Scan# 305

Delta R.T. -0.011 min

Lab File: VX028853.D

Acq: 20 May 2022 16:10

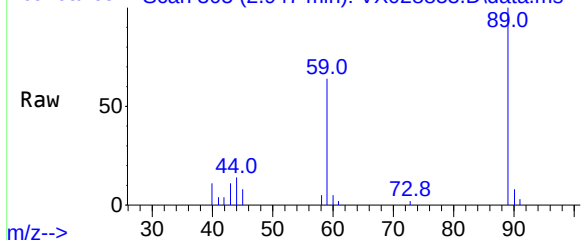
Tgt Ion: 59 Resp: 3720

Ion Ratio Lower Upper

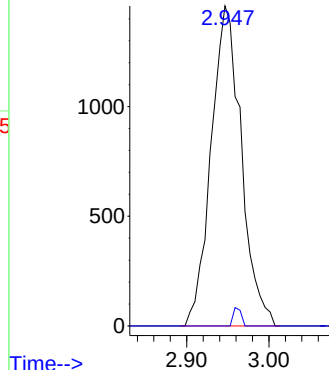
59 100

57 1.5 8.3 12.5#

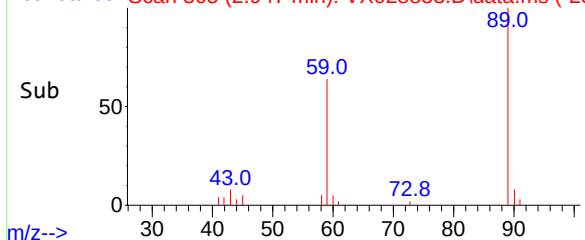
Abundance Scan 305 (2.947 min): VX028853.D\data.ms

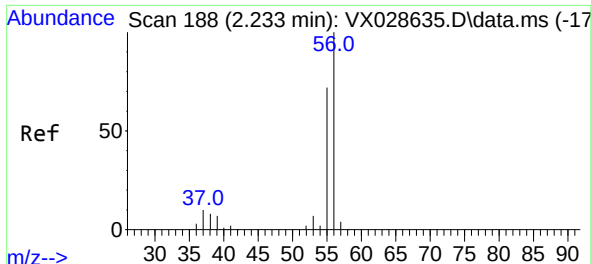


Abundance



Abundance Scan 305 (2.947 min): VX028853.D\data.ms (-25)

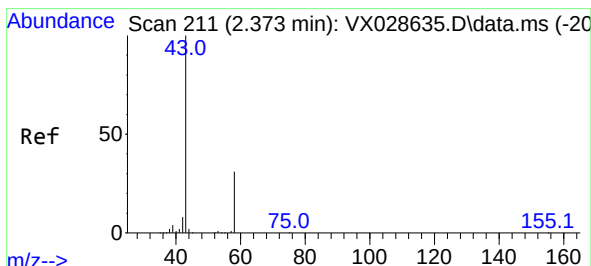
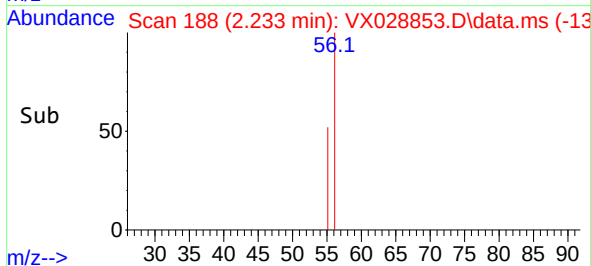
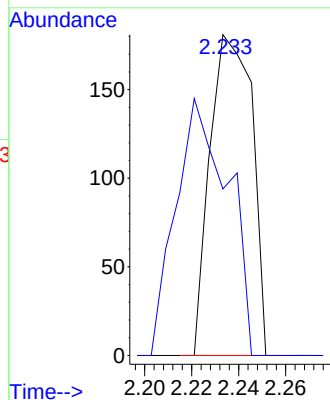
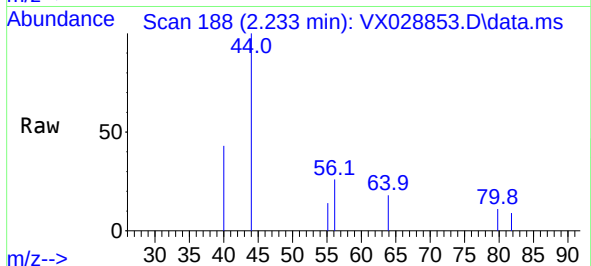




#13
Acrolein
Concen: 0.322 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028853.D
Acq: 20 May 2022 16:10

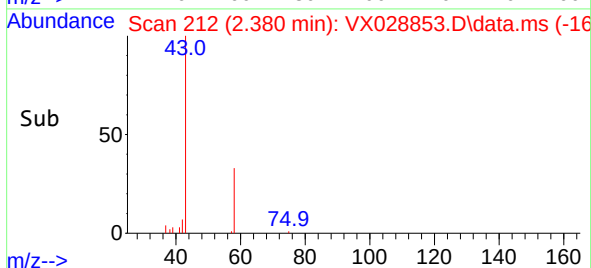
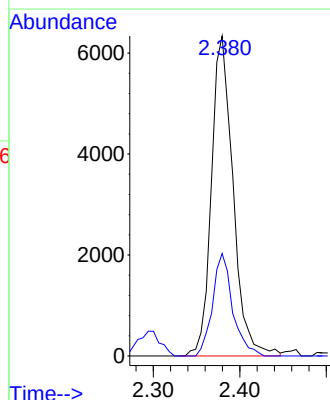
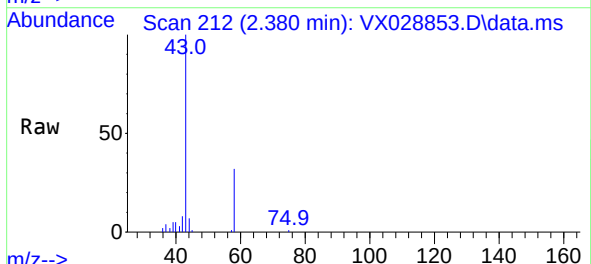
Instrument :
MSVOA_X
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MW-42

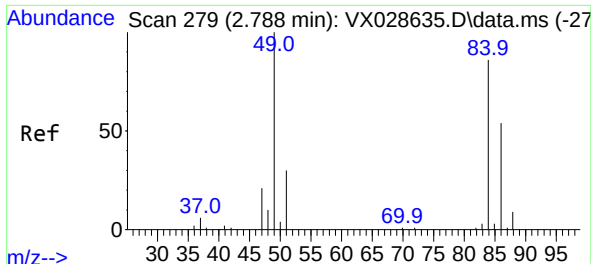
Tgt Ion: 56 Resp: 225
Ion Ratio Lower Upper
56 100
55 99.6 55.0 82.6#



#16
Acetone
Concen: 6.035 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.007 min
Lab File: VX028853.D
Acq: 20 May 2022 16:10

Tgt Ion: 43 Resp: 11010
Ion Ratio Lower Upper
43 100
58 32.0 28.8 43.2

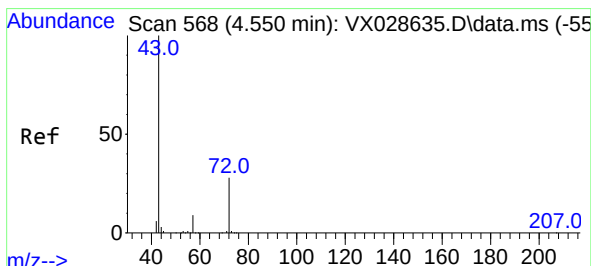
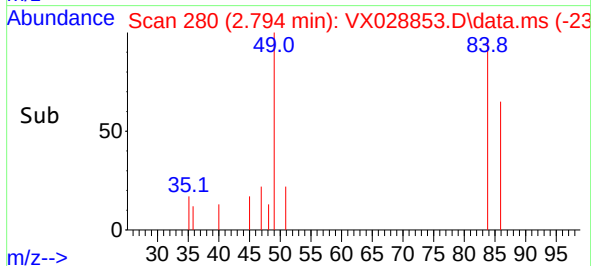
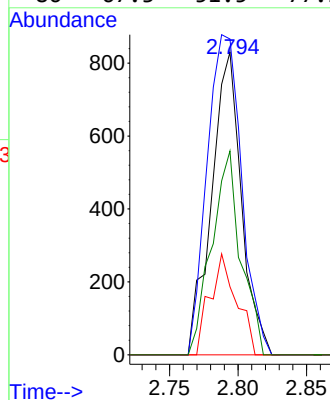
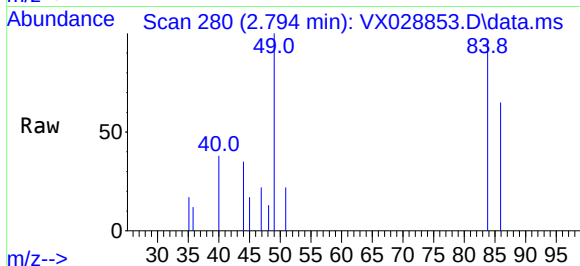




#20
Methylene Chloride
Concen: 0.329 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028853.D
Acq: 20 May 2022 16:10

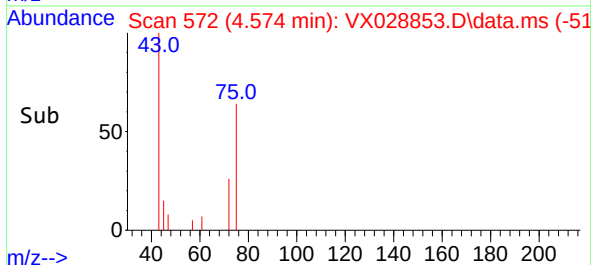
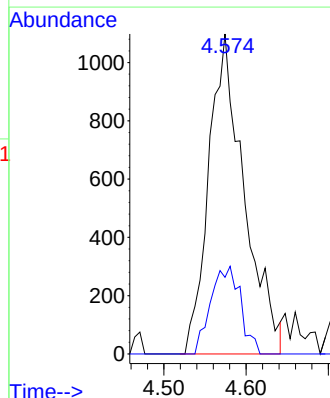
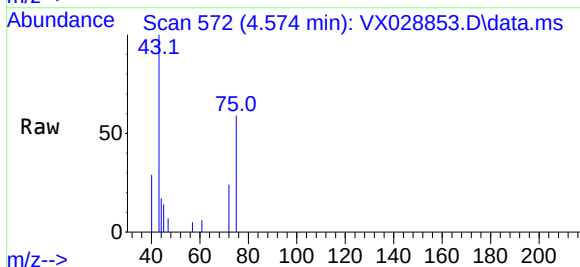
Instrument :
MSVOA_X
ClientSampleId :
MW-42

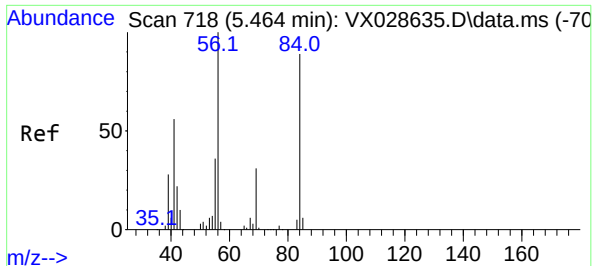
Tgt Ion: 84	Resp: 1261
Ion Ratio	Lower Upper
84 100	
49 104.3	85.5 128.3
51 22.5	26.6 39.8#
86 67.3	51.5 77.3



#25
2-Butanone
Concen: 1.149 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.024 min
Lab File: VX028853.D
Acq: 20 May 2022 16:10

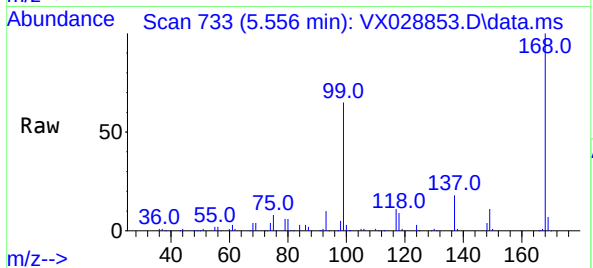
Tgt Ion: 43	Resp: 3291		
Ion Ratio	Lower	Upper	
43 100			
72 24.0	24.4	36.6#	



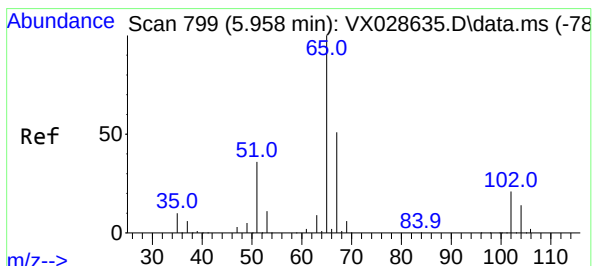
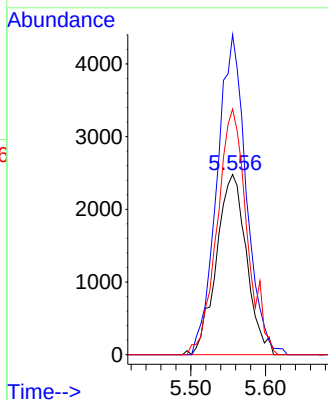
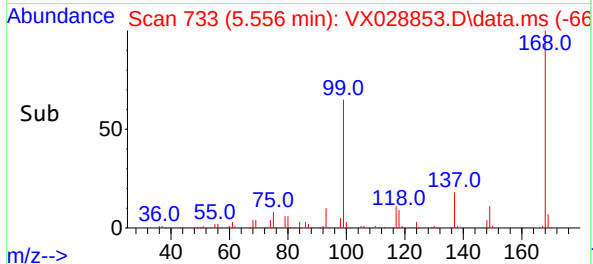


#31
Cyclohexane
Concen: 1.177 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX028853.D
Acq: 20 May 2022 16:10

Instrument :
MSVOA_X
ClientSampleId :
MW-42

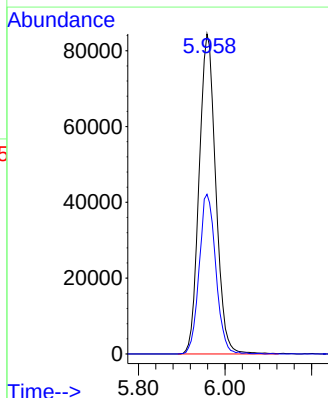
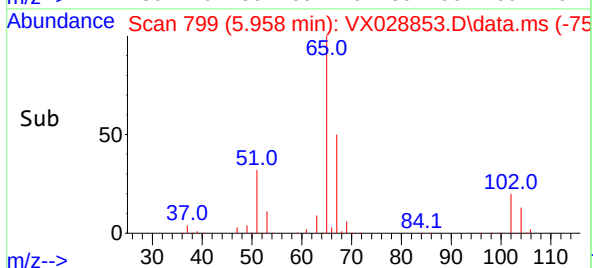
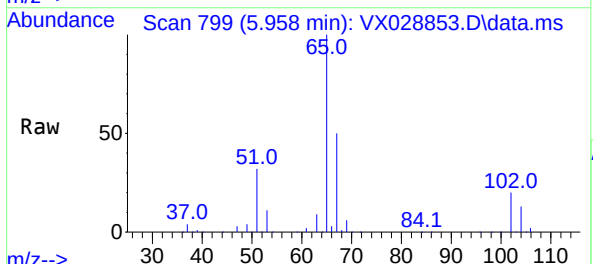


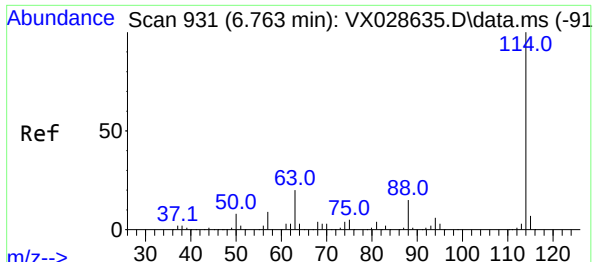
Tgt Ion: 56 Resp: 6946
Ion Ratio Lower Upper
56 100
69 177.7 26.7 40.1#
84 136.4 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 52.858 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028853.D
Acq: 20 May 2022 16:10

Tgt Ion: 65 Resp: 224707
Ion Ratio Lower Upper
65 100
67 49.9 0.0 107.4

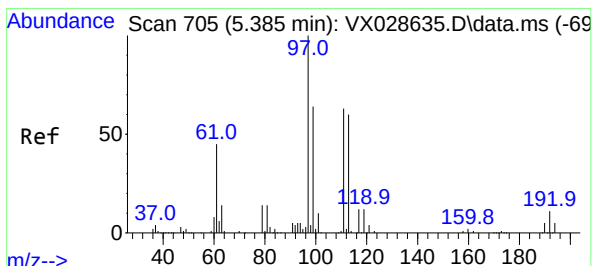
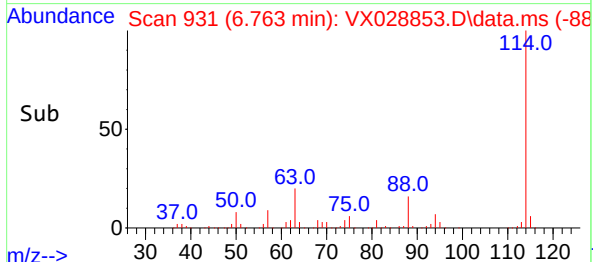
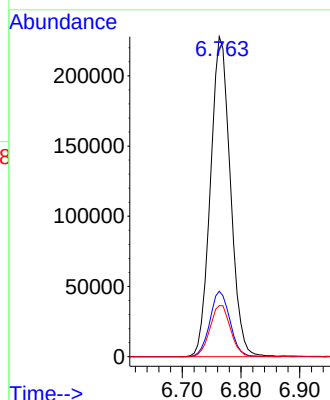
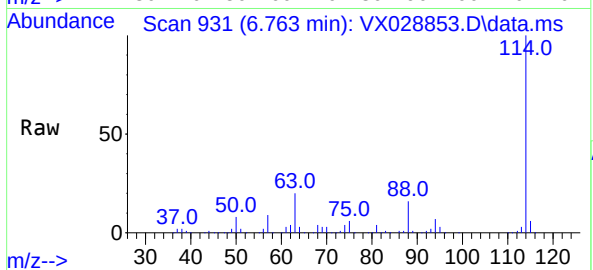




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028853.D
Acq: 20 May 2022 16:10

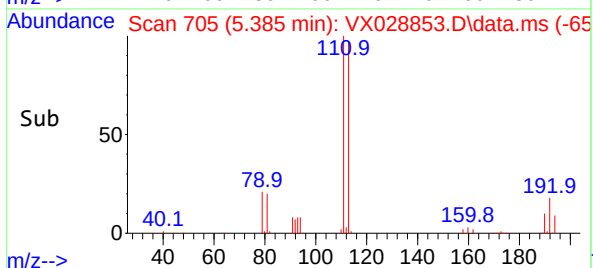
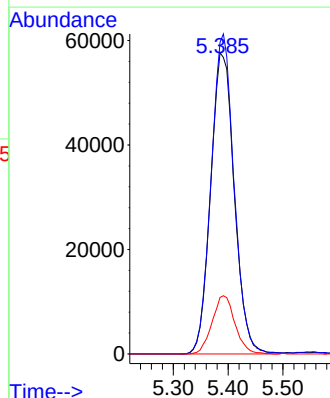
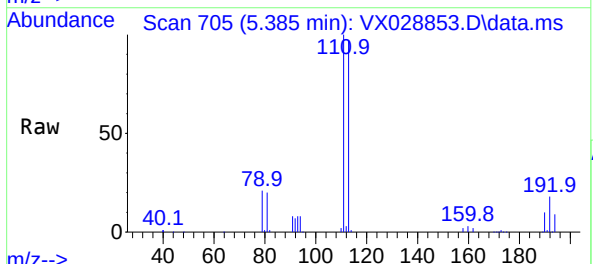
Instrument :
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MW-42

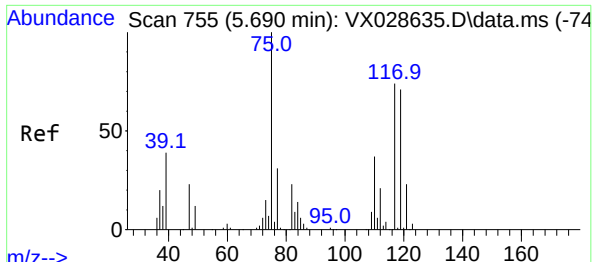
Tgt Ion:114 Resp: 536492
Ion Ratio Lower Upper
114 100
63 20.4 0.0 36.8
88 16.0 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.028 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028853.D
Acq: 20 May 2022 16:10

Tgt Ion:113 Resp: 172334
Ion Ratio Lower Upper
113 100
111 103.3 82.8 124.2
192 18.7 16.9 25.3

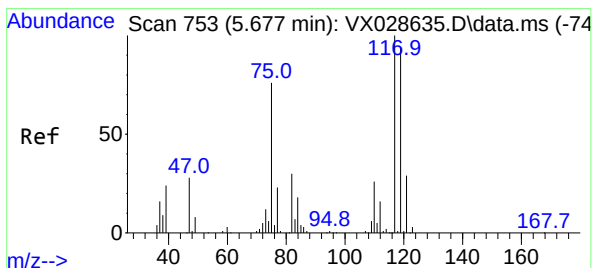
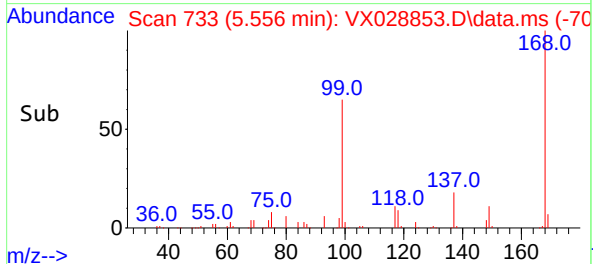
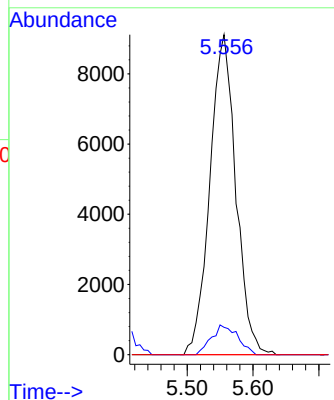
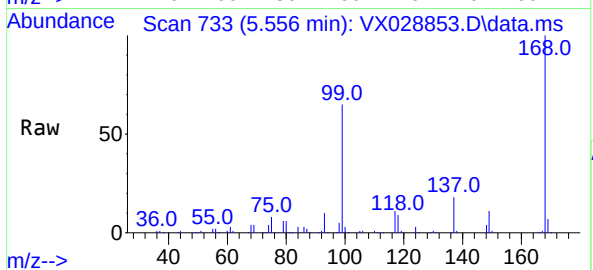




#36
1,1-Dichloropropene
Concen: 4.752 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX028853.D
Acq: 20 May 2022 16:10

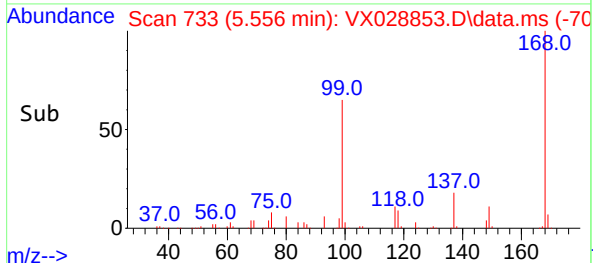
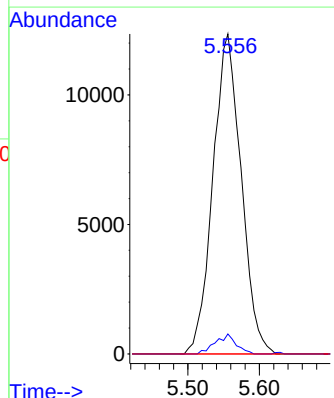
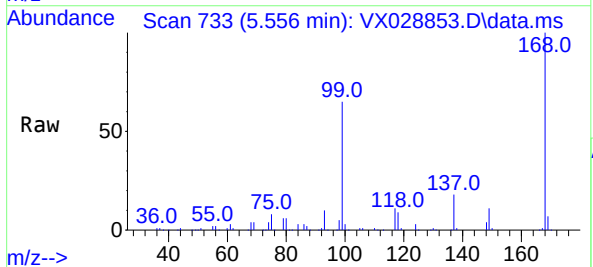
Instrument :
MSVOA_X
ClientSampleId :
MW-42

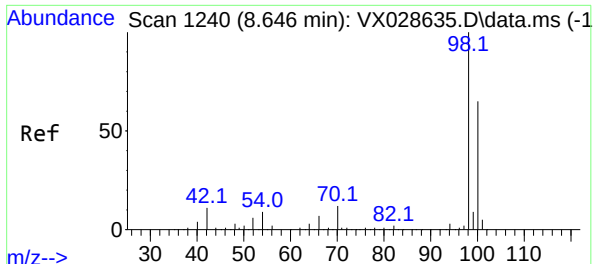
Tgt Ion: 75 Resp: 25090
Ion Ratio Lower Upper
75 100
110 9.4 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.380 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX028853.D
Acq: 20 May 2022 16:10

Tgt Ion: 117 Resp: 33898
Ion Ratio Lower Upper
117 100
119 6.3 77.3 115.9#
121 0.0 24.2 36.2#

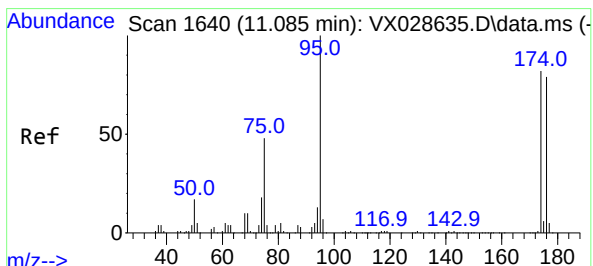
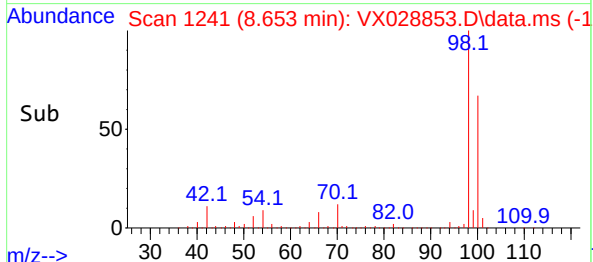
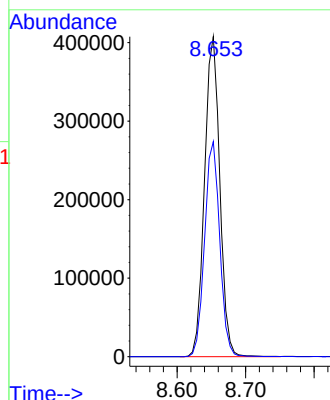
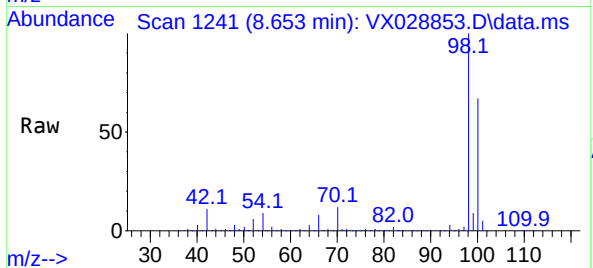




#50
Toluene-d8
Concen: 47.747 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX028853.D
Acq: 20 May 2022 16:10

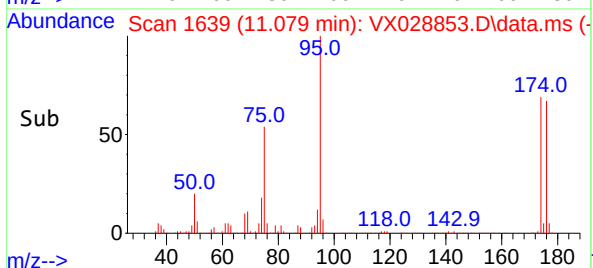
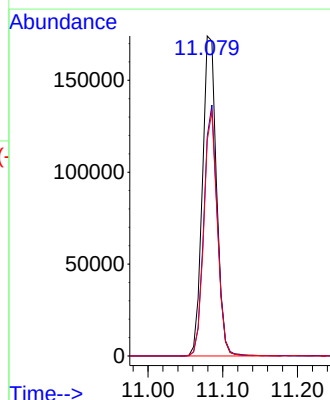
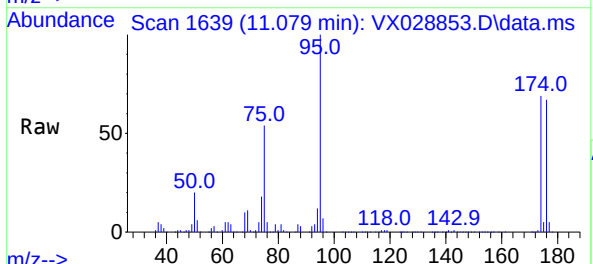
Instrument :
MSVOA_X
ClientSampleId :
MW-42

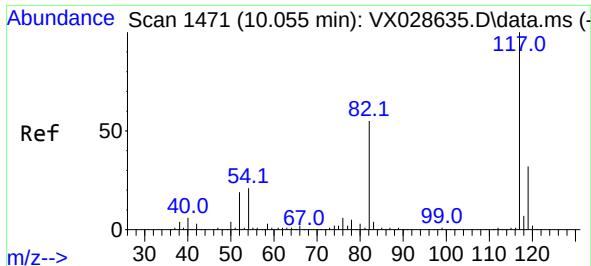
Tgt Ion: 98 Resp: 632755
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 46.038 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028853.D
Acq: 20 May 2022 16:10

Tgt Ion: 95 Resp: 227881
Ion Ratio Lower Upper
95 100
174 75.1 0.0 163.0
176 72.8 0.0 155.0

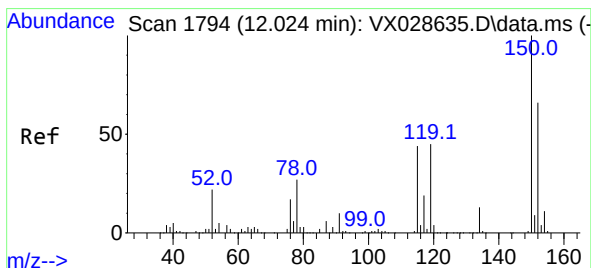
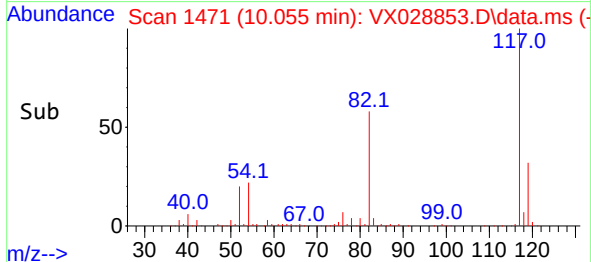
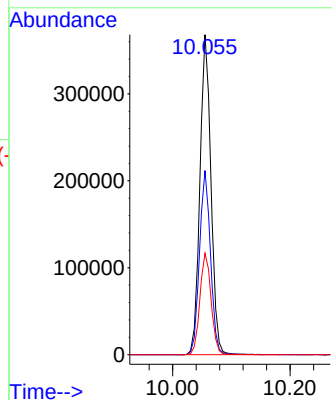
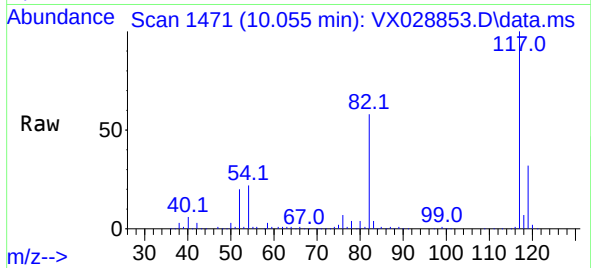




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028853.D
Acq: 20 May 2022 16:10

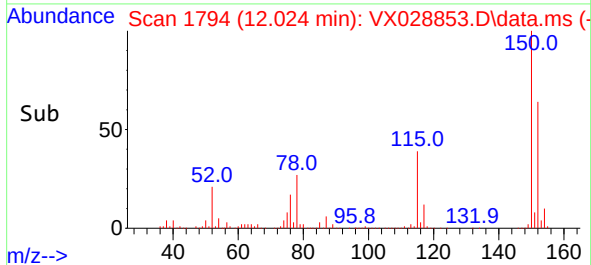
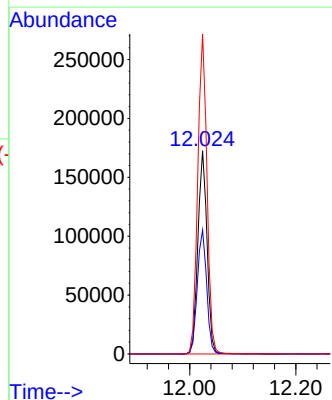
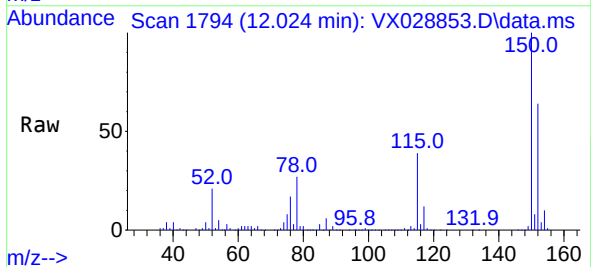
Instrument :
MSVOA_X
ClientSampleId :
MW-42

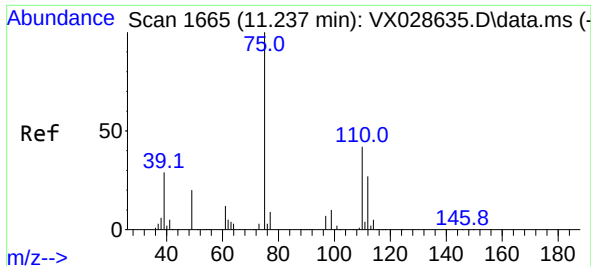
Tgt Ion:117 Resp: 480082
Ion Ratio Lower Upper
117 100
82 57.5 41.8 62.8
119 31.7 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028853.D
Acq: 20 May 2022 16:10

Tgt Ion:152 Resp: 207464
Ion Ratio Lower Upper
152 100
115 62.3 37.5 112.7
150 158.4 0.0 338.2

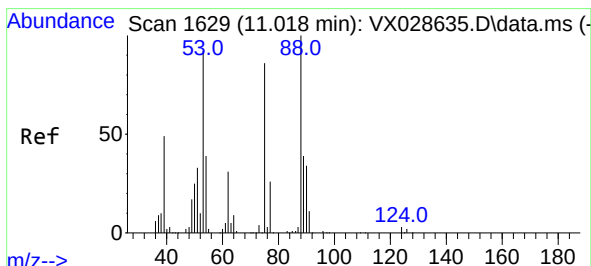
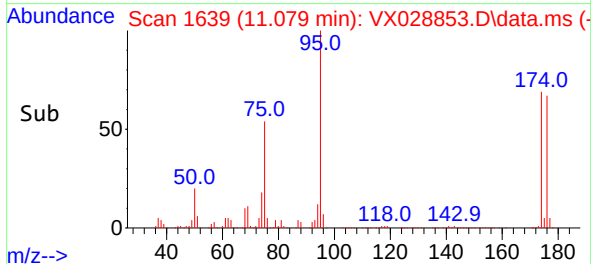
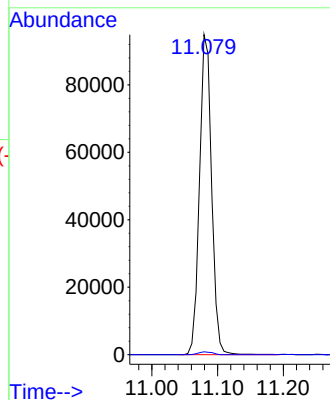
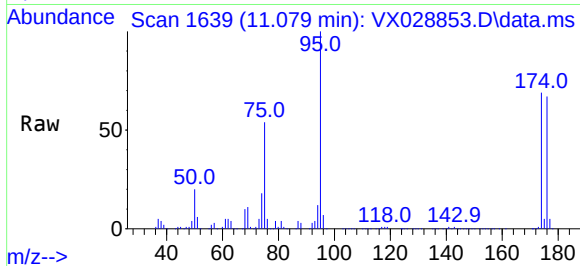




#76
1,2,3-Trichloropropane
Concen: 24.946 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028853.D
Acq: 20 May 2022 16:10

Instrument :
MSVOA_X
ClientSampleId :
MW-42

Tgt Ion: 75 Resp: 121204
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.530 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028853.D
Acq: 20 May 2022 16:10

Tgt Ion: 75 Resp: 121204
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

