

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052422\
 Data File : VX028921.D
 Acq On : 24 May 2022 15:08
 Operator : JC/MD
 Sample : N2943-17DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-38IDL

Quant Time: May 25 01:49:22 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)

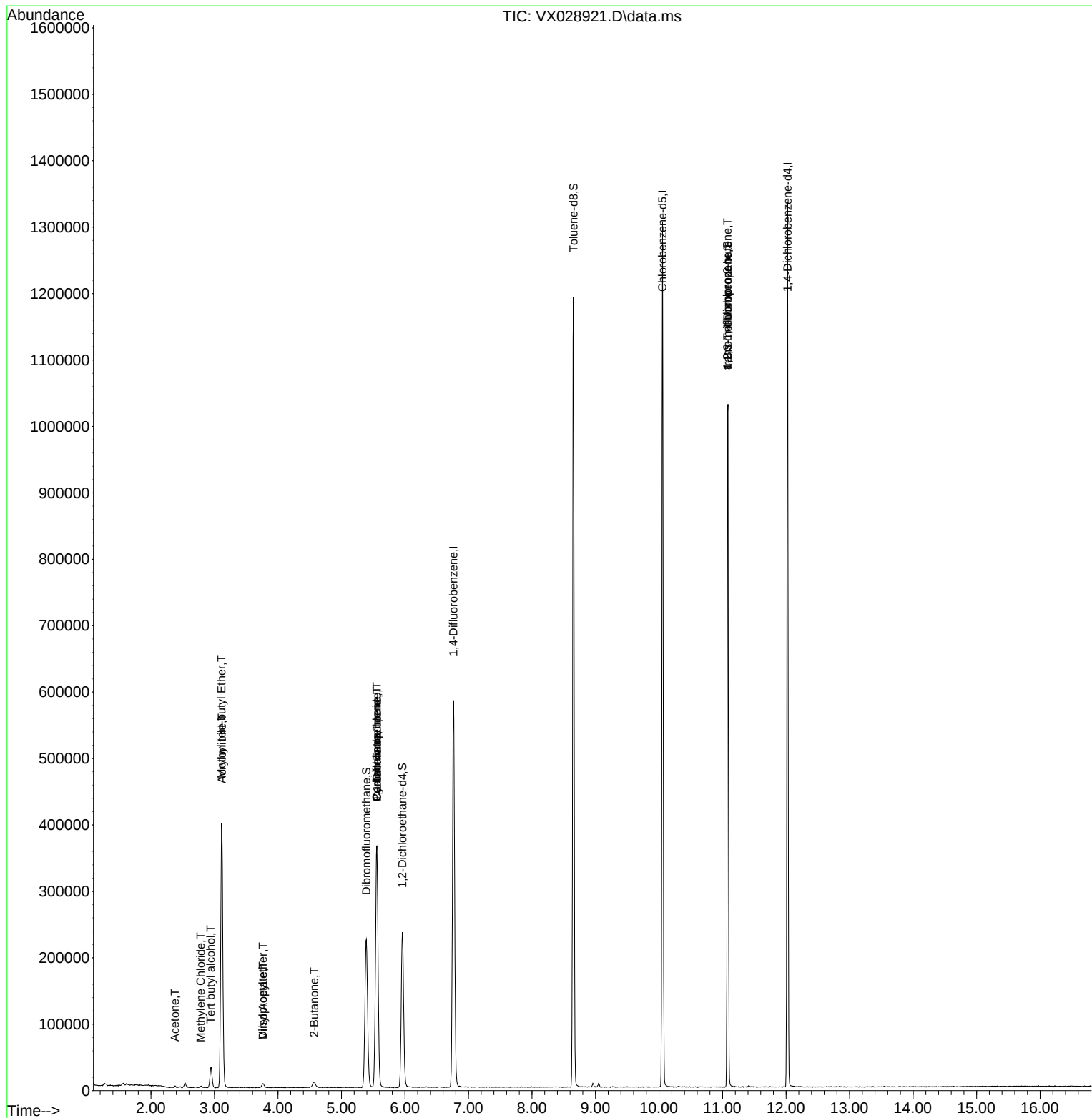
Internal Standards						
1) Pentafluorobenzene	5.556	168	341411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	603704	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	578867	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	273400	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	233194	49.828	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 99.660%			
35) Dibromofluoromethane	5.391	113	199895	50.537	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.080%			
50) Toluene-d8	8.653	98	712762	47.796	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 95.600%			
62) 4-Bromofluorobenzene	11.079	95	288648	51.823	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.640%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	1490	Below Cal	#	67
6) Chloroethane	1.648	64	423	Below Cal	#	47
11) Tert butyl alcohol	2.940	59	17478	9.936	ug/l #	72
15) Acrylonitrile	3.117	53	5086	2.256	ug/l #	27
16) Acetone	2.379	43	2309	1.150	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	458427	36.560	ug/l	99
20) Methylene Chloride	2.782	84	1206	0.286	ug/l	91
22) Diisopropyl ether	3.763	45	6267	0.517	ug/l	90
23) Vinyl Acetate	3.763	43	3362	0.322	ug/l #	66
25) 2-Butanone	4.568	43	853	0.271	ug/l #	44
31) Cyclohexane	5.556	56	6630	1.021	ug/l #	3
36) 1,1-Dichloropropene	5.556	75	26486	4.458	ug/l #	49
38) Carbon Tetrachloride	5.556	117	35486	5.935	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	145151	22.670	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	145151	66.266	ug/l #	15

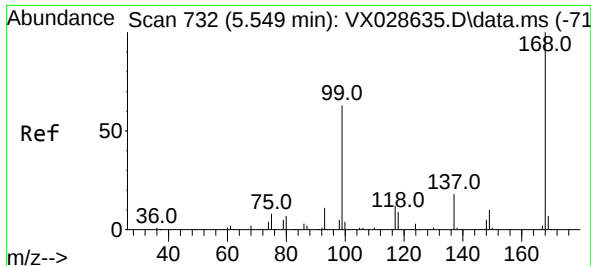
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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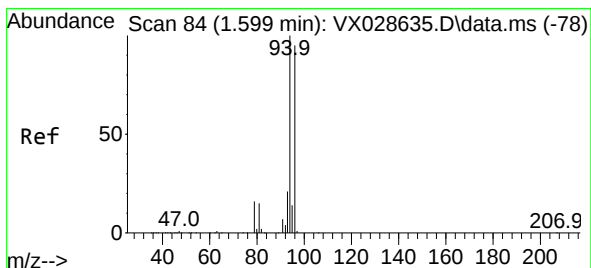
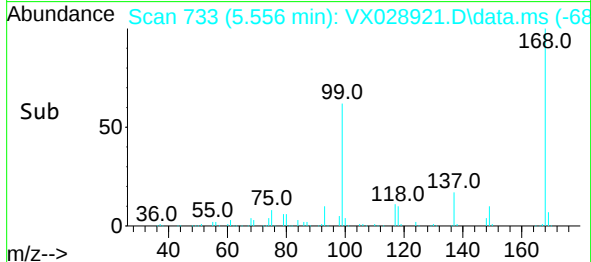
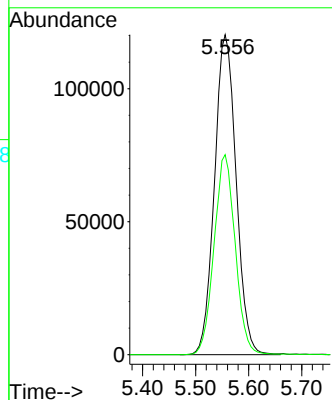
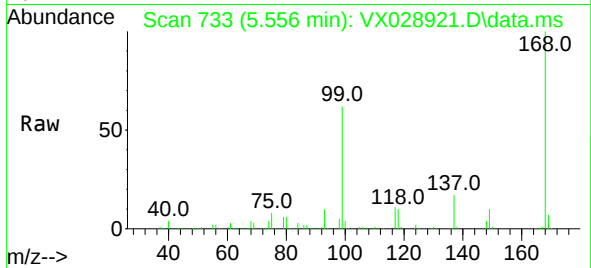




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028921.D
Acq: 24 May 2022 15:08

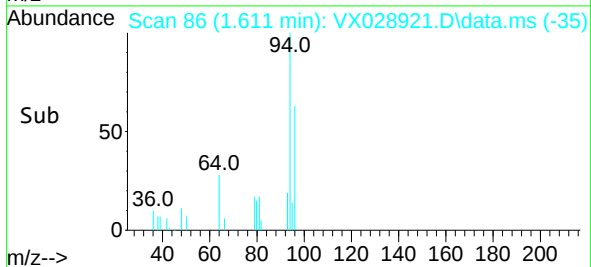
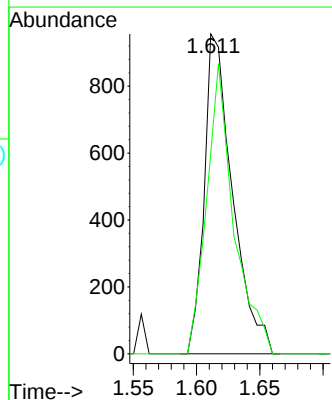
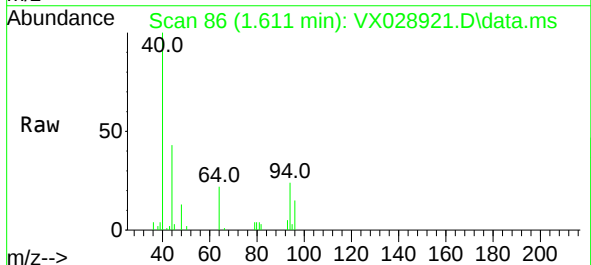
Instrument :
MSVOA_X
ClientSampleId :
MW-38IDL

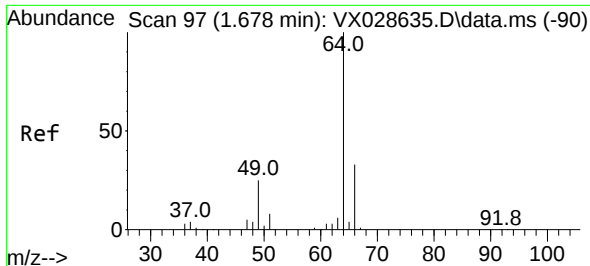
Tgt Ion:168 Resp: 341411
Ion Ratio Lower Upper
168 100
99 62.5 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX028921.D
Acq: 24 May 2022 15:08

Tgt Ion: 94 Resp: 1490
Ion Ratio Lower Upper
94 100
96 62.7 75.3 112.9#

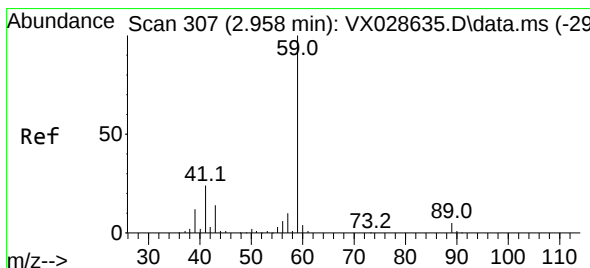
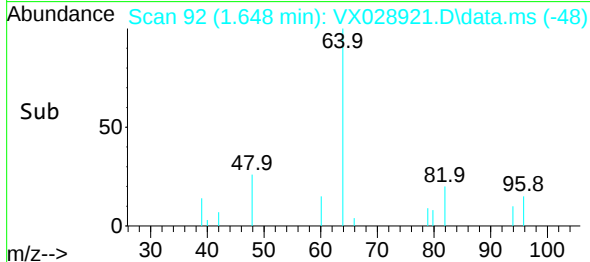
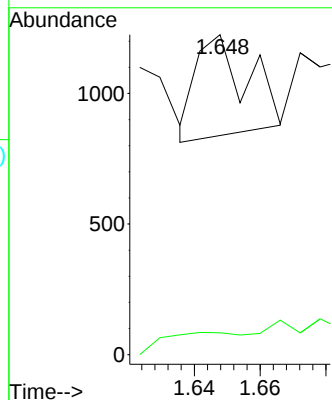
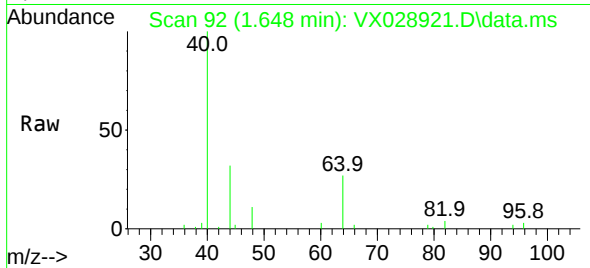




#6
Chloroethane
Concen: Below Cal
RT: 1.648 min Scan# 91
Delta R.T. -0.030 min
Lab File: VX028921.D
Acq: 24 May 2022 15:08

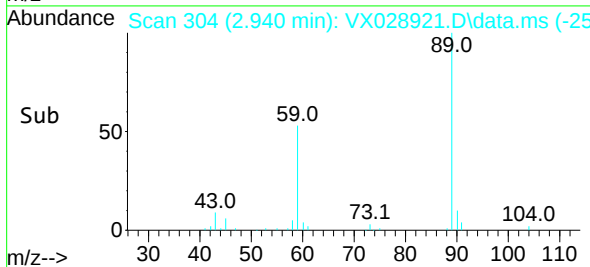
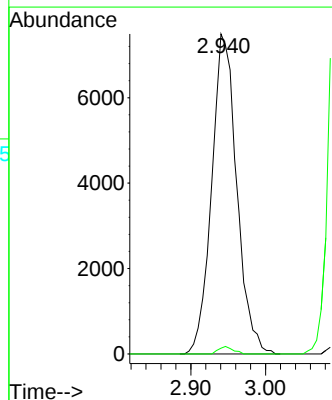
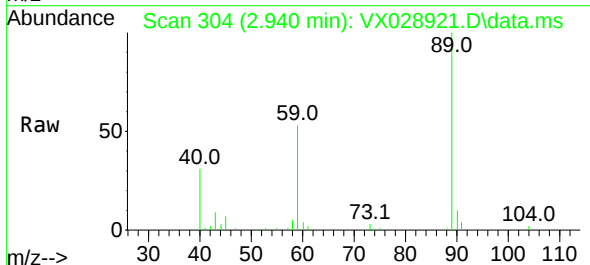
Instrument :
MSVOA_X
ClientSampleId :
MW-38IDL

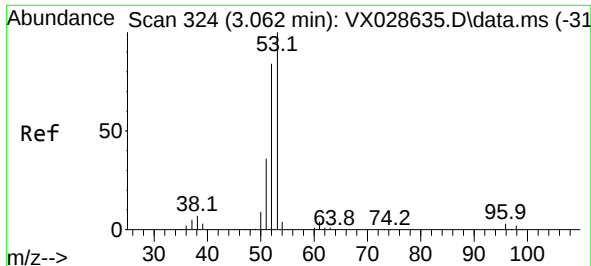
Tgt Ion: 64 Resp: 423
Ion Ratio Lower Upper
64 100
66 2.3 25.3 37.9#



#11
Tert butyl alcohol
Concen: 9.936 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.018 min
Lab File: VX028921.D
Acq: 24 May 2022 15:08

Tgt Ion: 59 Resp: 17478
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#15

Acrylonitrile

Concen: 2.256 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.055 min

Lab File: VX028921.D

Acq: 24 May 2022 15:08

Instrument :

MSVOA_X

ClientSampleId :

MW-38IDL

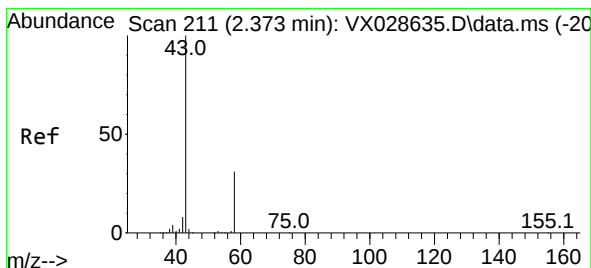
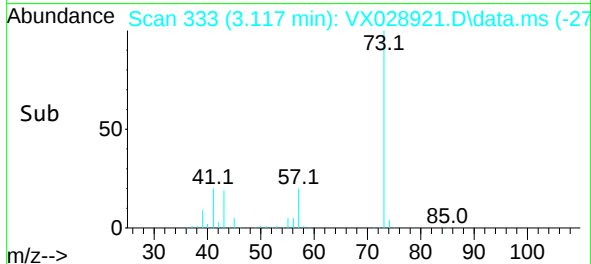
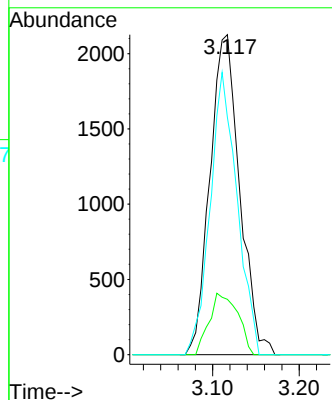
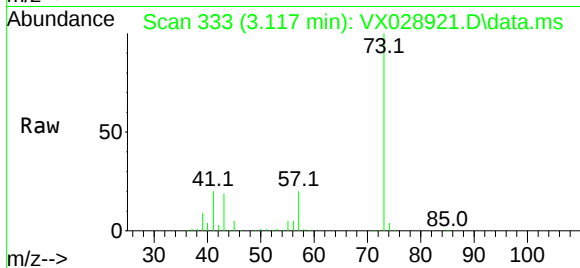
Tgt Ion: 53 Resp: 5086

Ion Ratio Lower Upper

53 100

52 18.3 65.7 98.5#

51 79.6 28.4 42.6#



#16

Acetone

Concen: 1.150 ug/l

RT: 2.379 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX028921.D

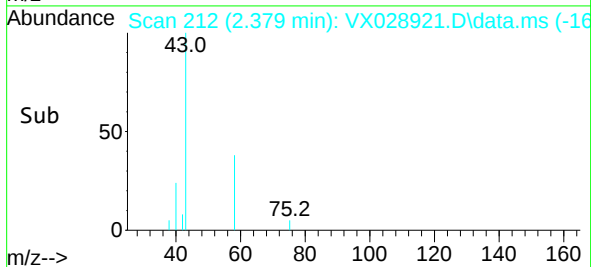
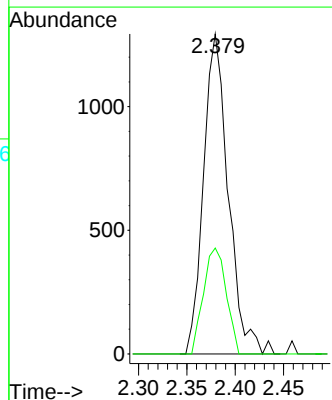
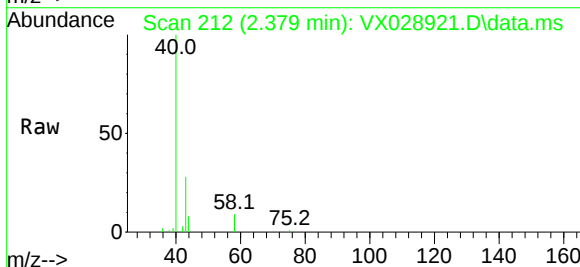
Acq: 24 May 2022 15:08

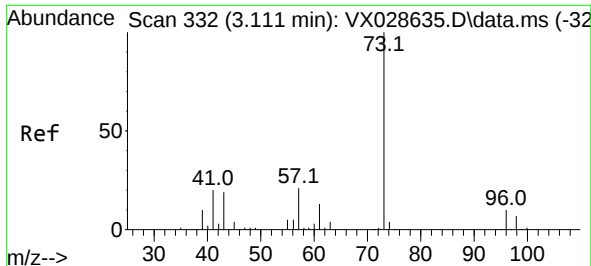
Tgt Ion: 43 Resp: 2309

Ion Ratio Lower Upper

43 100

58 33.1 28.8 43.2

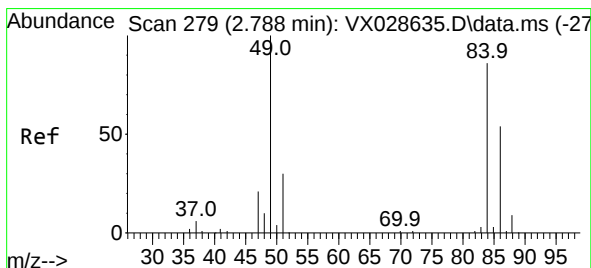
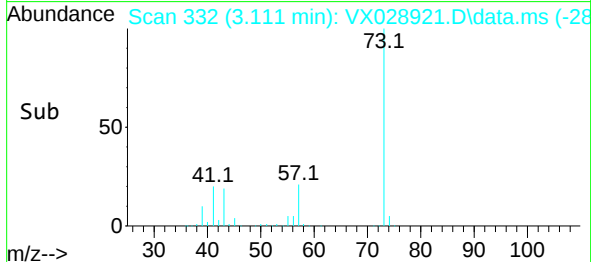
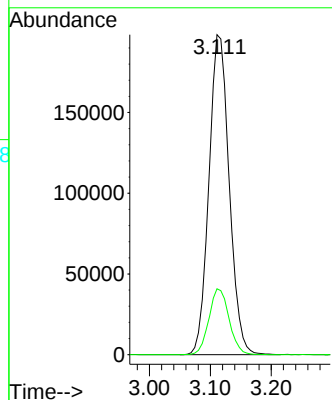
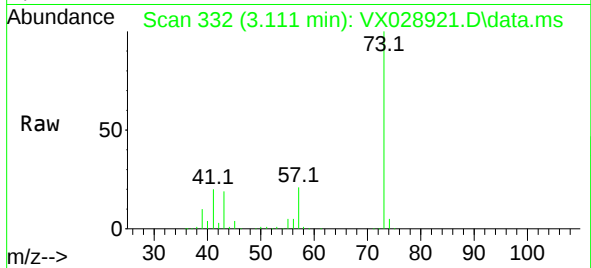




#19
Methyl tert-butyl Ether
Concen: 36.560 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX028921.D
Acq: 24 May 2022 15:08

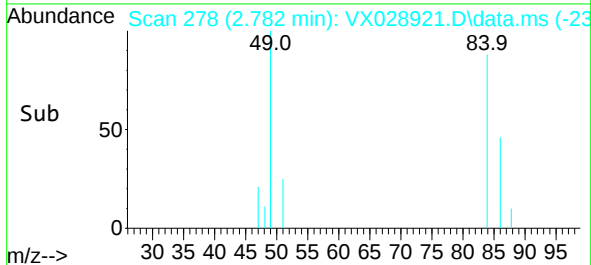
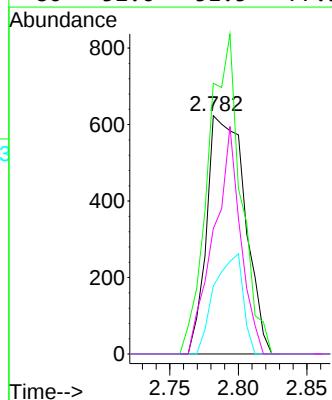
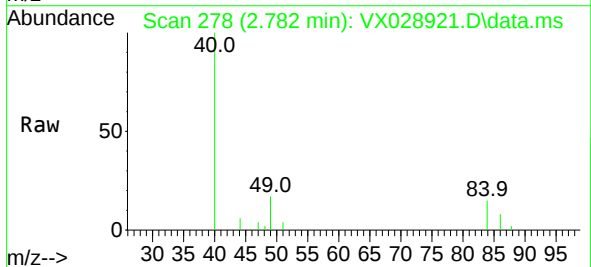
Instrument :
MSVOA_X
ClientSampleId :
MW-38IDL

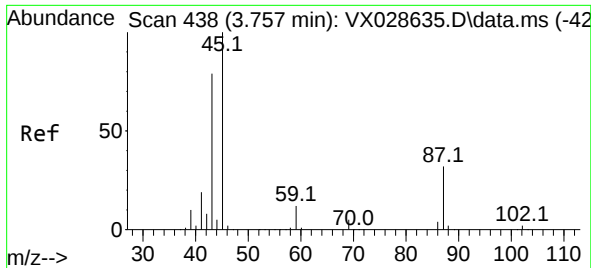
Tgt Ion: 73 Resp: 458427
Ion Ratio Lower Upper
73 100
57 20.6 16.8 25.2



#20
Methylene Chloride
Concen: 0.286 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX028921.D
Acq: 24 May 2022 15:08

Tgt Ion: 84 Resp: 1206
Ion Ratio Lower Upper
84 100
49 113.6 85.5 128.3
51 28.6 26.6 39.8
86 52.6 51.5 77.3

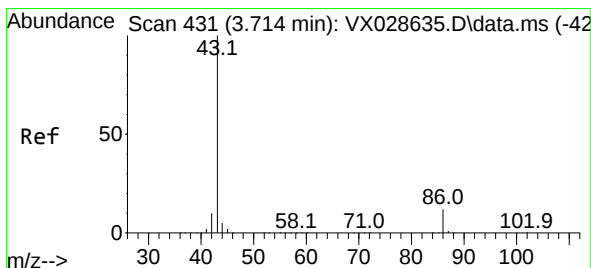
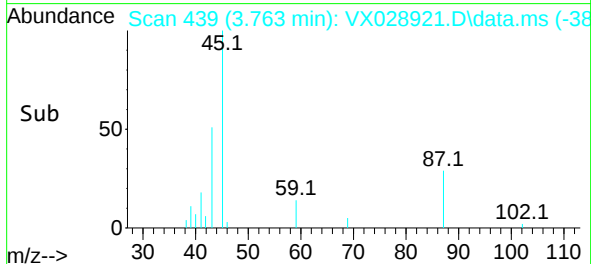
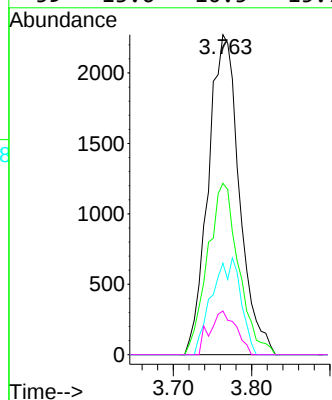
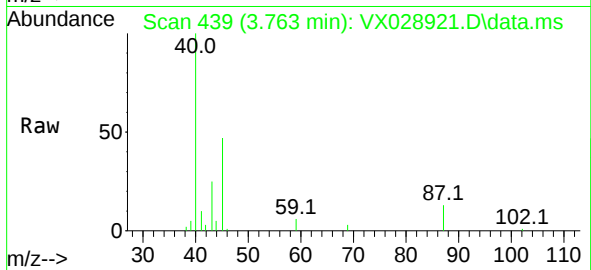




#22
Diisopropyl ether
Concen: 0.517 ug/l
RT: 3.763 min Scan# 41
Delta R.T. 0.006 min
Lab File: VX028921.D
Acq: 24 May 2022 15:08

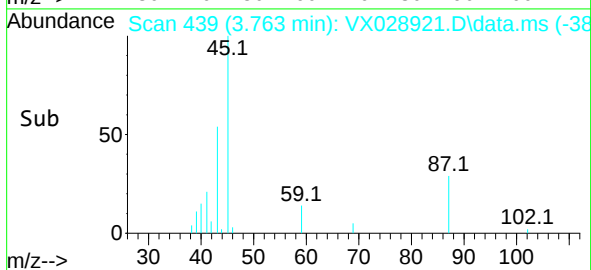
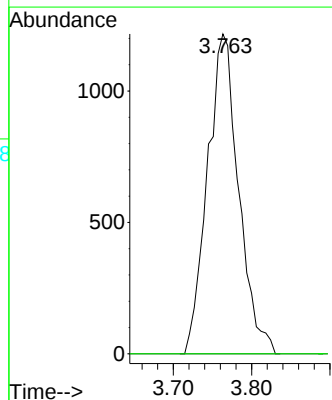
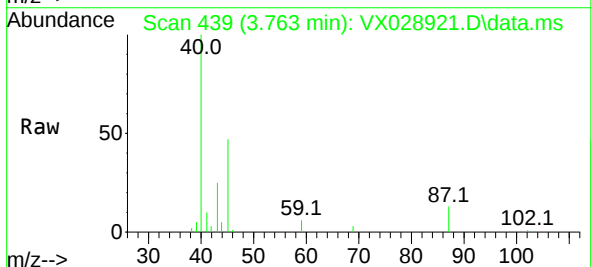
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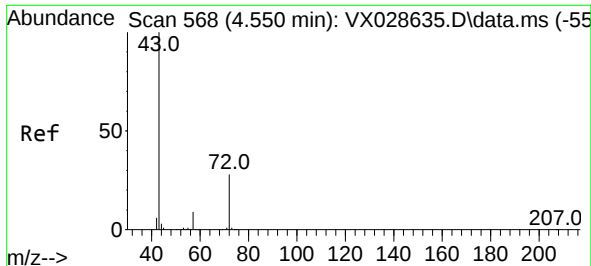
Tgt Ion: 45	Resp: 6267
Ion Ratio	Lower Upper
45 100	
43 53.6	50.8 76.2
87 28.6	26.6 39.8
59 13.6	10.5 15.7



#23
Vinyl Acetate
Concen: 0.322 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.049 min
Lab File: VX028921.D
Acq: 24 May 2022 15:08

Tgt Ion: 43	Resp: 3362
Ion Ratio	Lower Upper
43 100	
86 0.0	10.8 16.2#

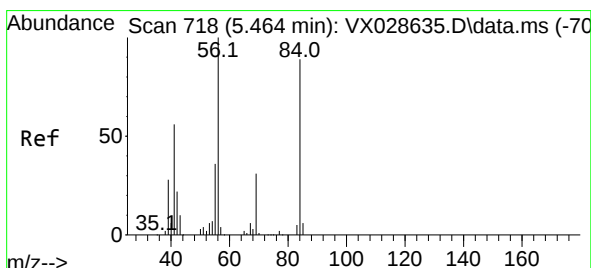
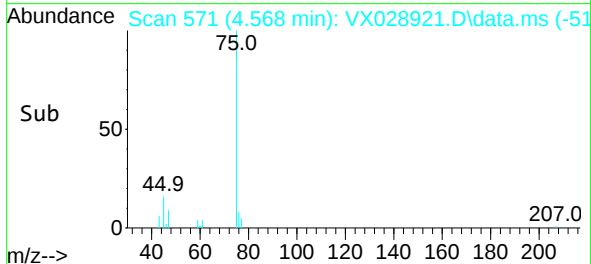
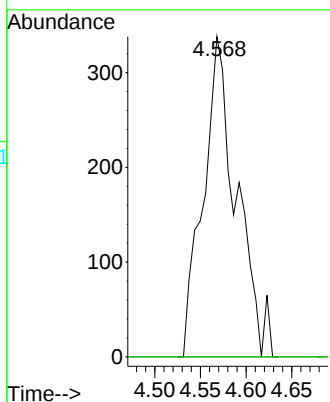
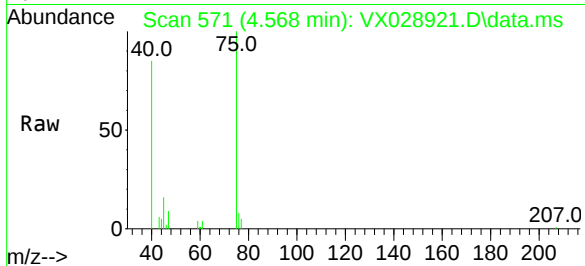




#25
2-Butanone
Concen: 0.271 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX028921.D
Acq: 24 May 2022 15:08

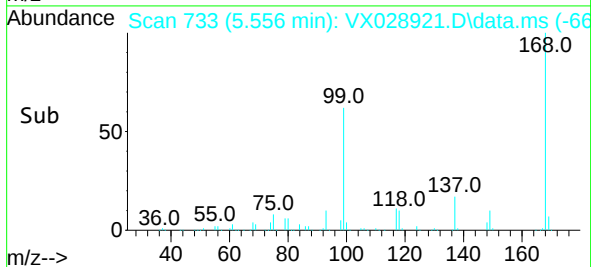
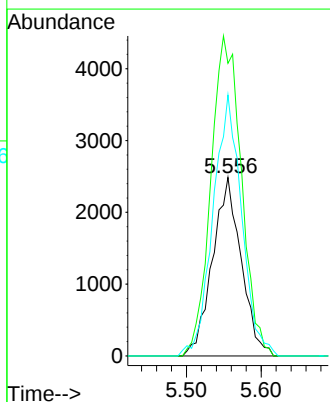
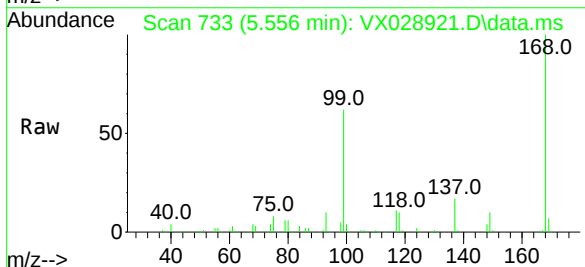
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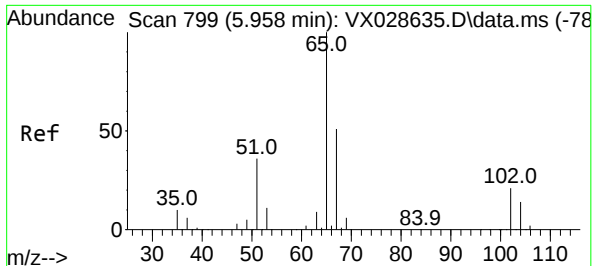
Tgt Ion: 43 Resp: 853
Ion Ratio Lower Upper
43 100
72 0.0 24.4 36.6#



#31
Cyclohexane
Concen: 1.021 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.092 min
Lab File: VX028921.D
Acq: 24 May 2022 15:08

Tgt Ion: 56 Resp: 6630
Ion Ratio Lower Upper
56 100
69 163.9 26.7 40.1#
84 146.2 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 49.828 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX028921.D

Acq: 24 May 2022 15:08

Instrument :

MSVOA_X

ClientSampleId :

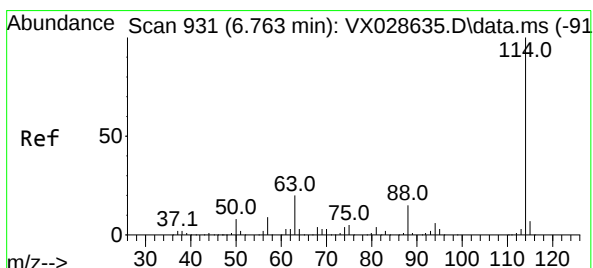
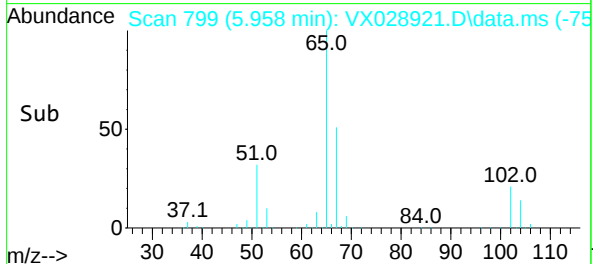
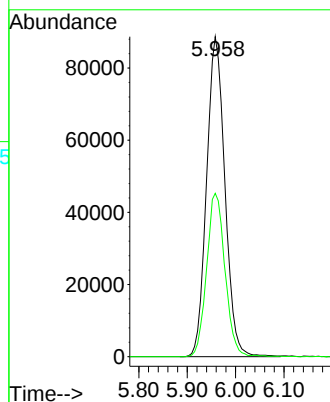
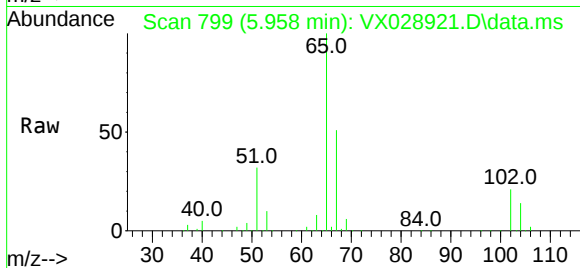
MW-38IDL

Tgt Ion: 65 Resp: 233194

Ion Ratio Lower Upper

65 100

67 51.4 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028921.D

Acq: 24 May 2022 15:08

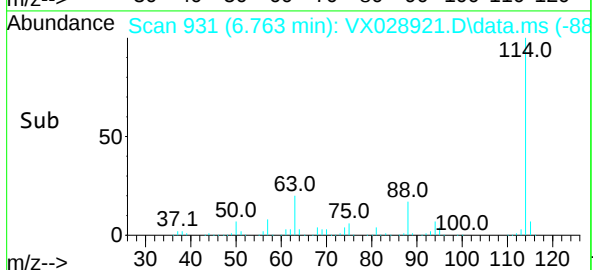
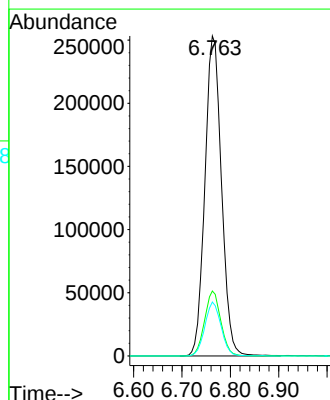
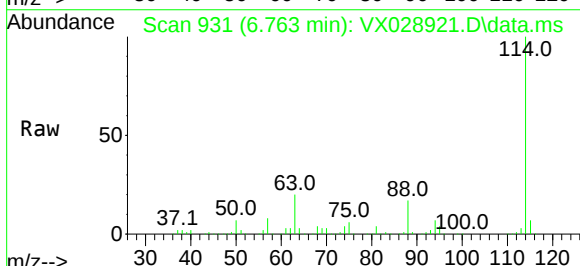
Tgt Ion: 114 Resp: 603704

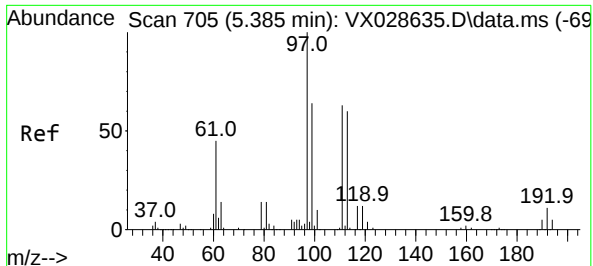
Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.8

88 16.8 0.0 32.4

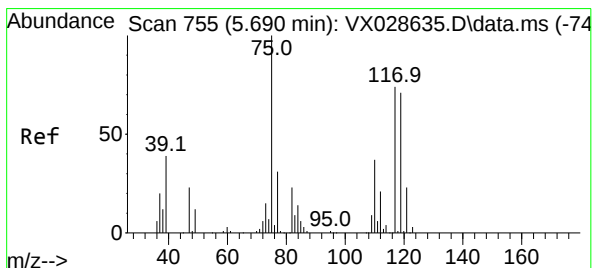
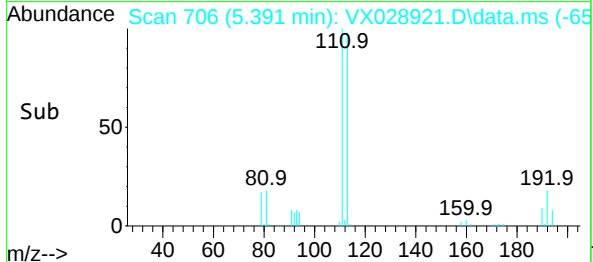
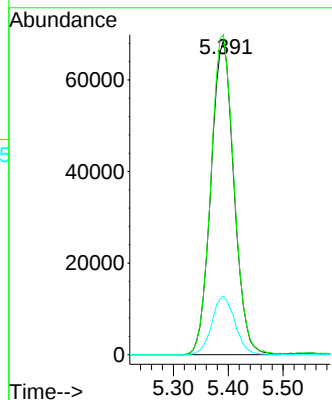
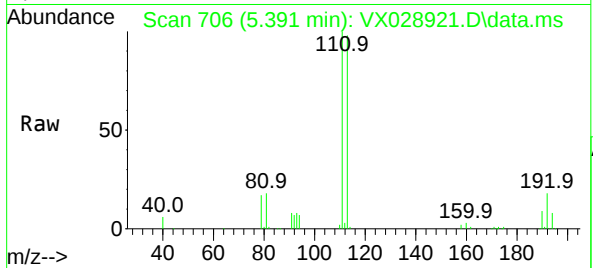




#35
Dibromofluoromethane
Concen: 50.537 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028921.D
Acq: 24 May 2022 15:08

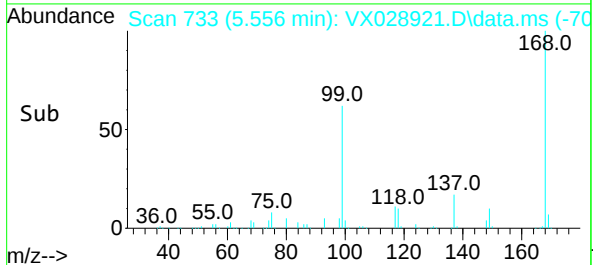
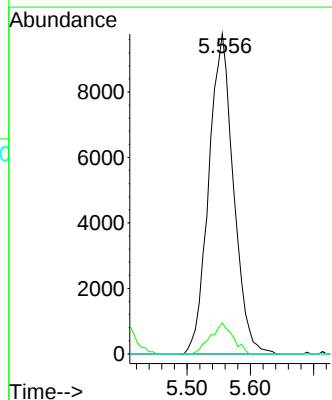
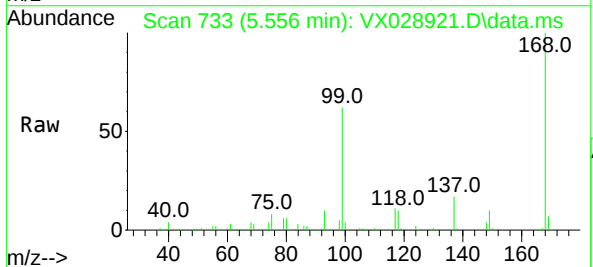
Instrument :
MSVOA_X
ClientSampleId :
MW-38IDL

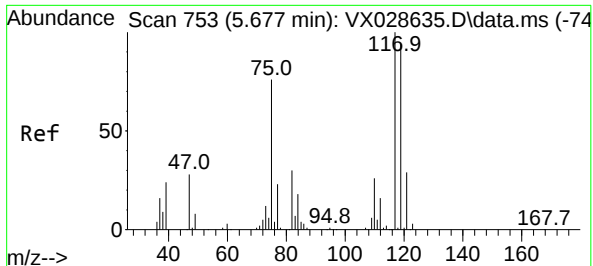
Tgt Ion:113 Resp: 199895
Ion Ratio Lower Upper
113 100
111 102.2 82.8 124.2
192 18.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.458 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX028921.D
Acq: 24 May 2022 15:08

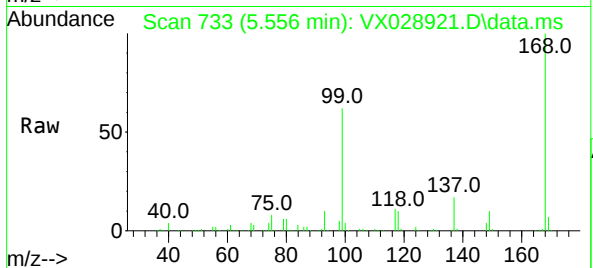
Tgt Ion: 75 Resp: 26486
Ion Ratio Lower Upper
75 100
110 8.8 18.3 54.8#
77 0.0 24.8 37.2#



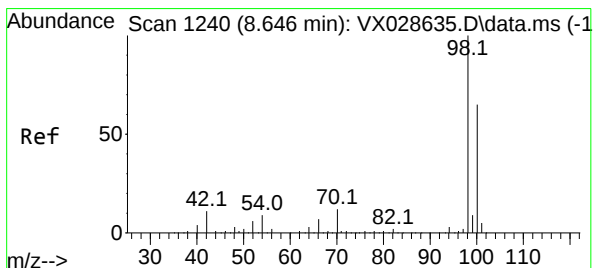
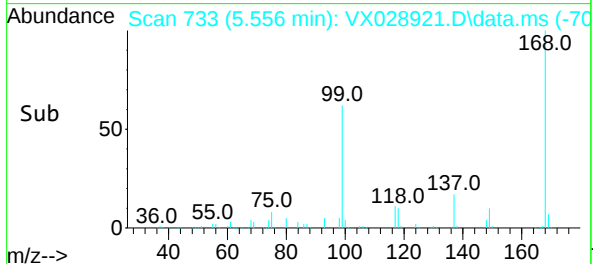
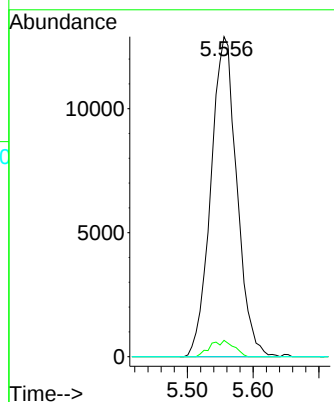


#38
Carbon Tetrachloride
Concen: 5.935 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX028921.D
Acq: 24 May 2022 15:08

Instrument :
MSVOA_X
ClientSampleId :
MW-38IDL

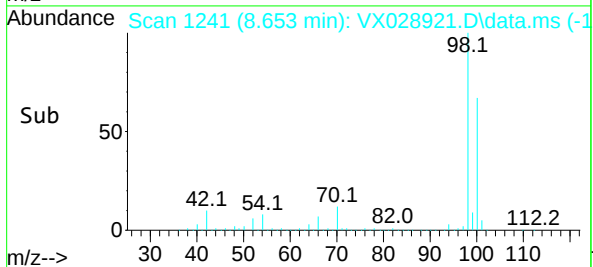
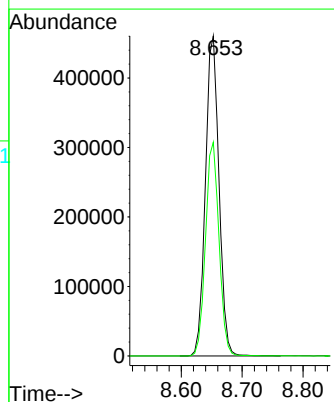
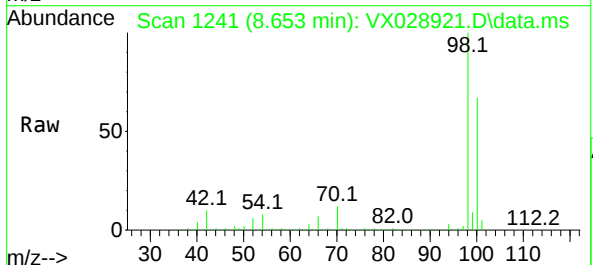


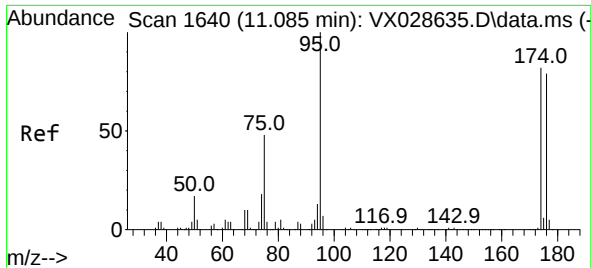
Tgt Ion:117 Resp: 35486
Ion Ratio Lower Upper
117 100
119 5.1 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 47.796 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028921.D
Acq: 24 May 2022 15:08

Tgt Ion: 98 Resp: 712762
Ion Ratio Lower Upper
98 100
100 66.5 52.6 78.8

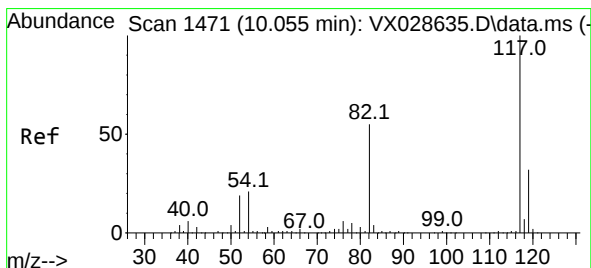
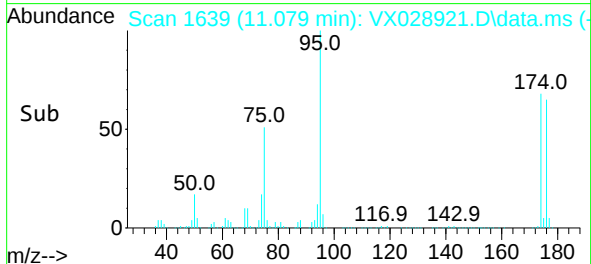
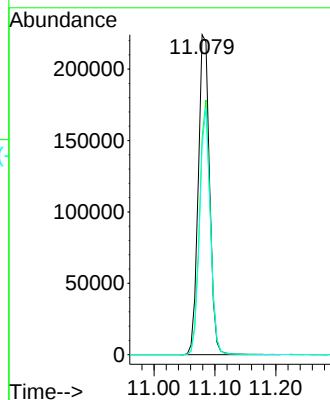
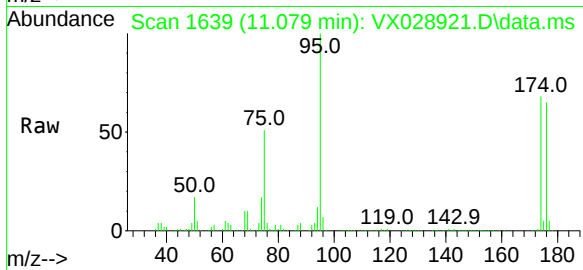




#62
4-Bromofluorobenzene
Concen: 51.823 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028921.D
Acq: 24 May 2022 15:08

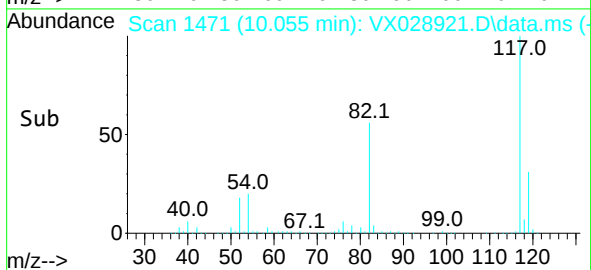
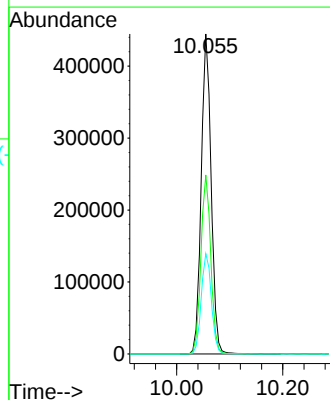
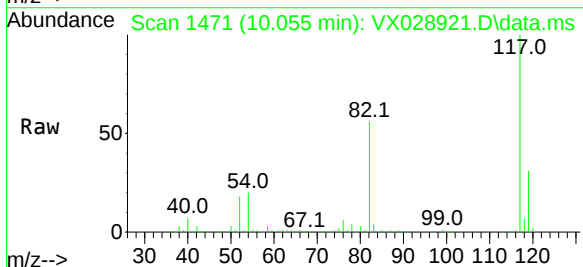
Instrument :
MSVOA_X
ClientSampleId :
MW-38IDL

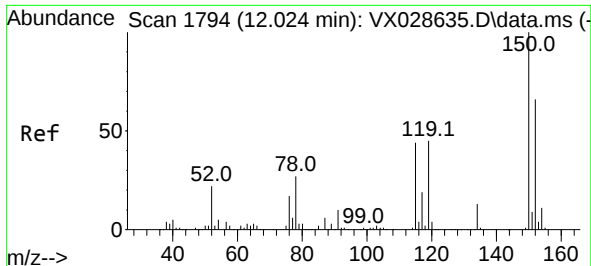
Tgt Ion: 95 Resp: 288648
Ion Ratio Lower Upper
95 100
174 75.5 0.0 163.0
176 72.8 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028921.D
Acq: 24 May 2022 15:08

Tgt Ion: 117 Resp: 578867
Ion Ratio Lower Upper
117 100
82 55.9 41.8 62.8
119 31.4 24.8 37.2

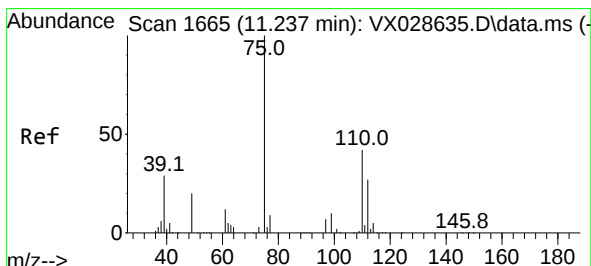
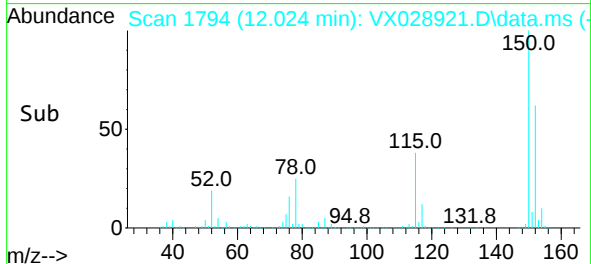
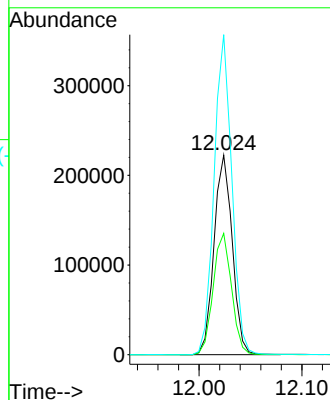
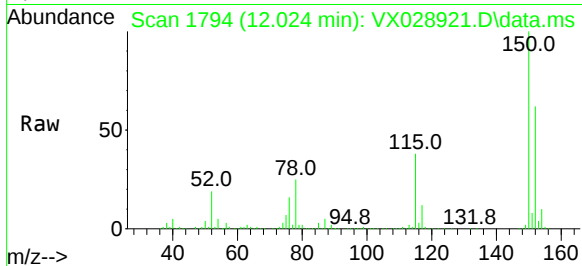




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028921.D
Acq: 24 May 2022 15:08

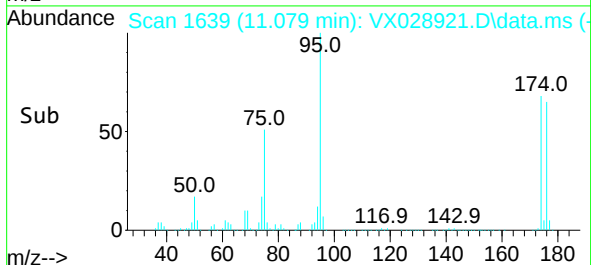
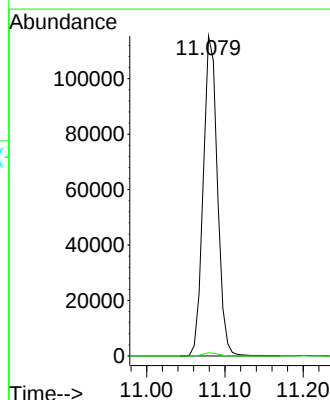
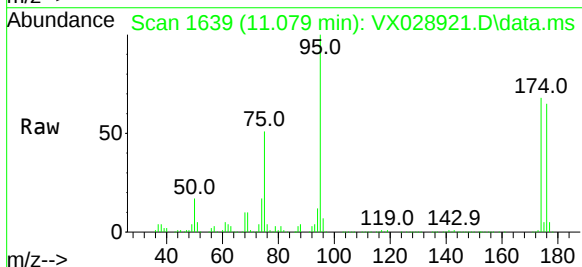
Instrument :
MSVOA_X
ClientSampleId :
MW-38IDL

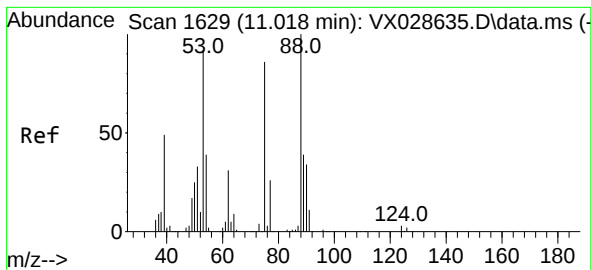
Tgt Ion:152 Resp: 273400
Ion Ratio Lower Upper
152 100
115 61.5 37.5 112.7
150 156.4 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 22.670 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028921.D
Acq: 24 May 2022 15:08

Tgt Ion: 75 Resp: 145151
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.266 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX028921.D
 Acq: 24 May 2022 15:08

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-38IDL

Tgt Ion: 75 Resp: 145151
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

