

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040122\
 Data File : VX027910.D
 Acq On : 02 Apr 2022 03:12
 Operator : JC/MD
 Sample : N2172-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12R

Quant Time: Apr 02 07:34:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

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

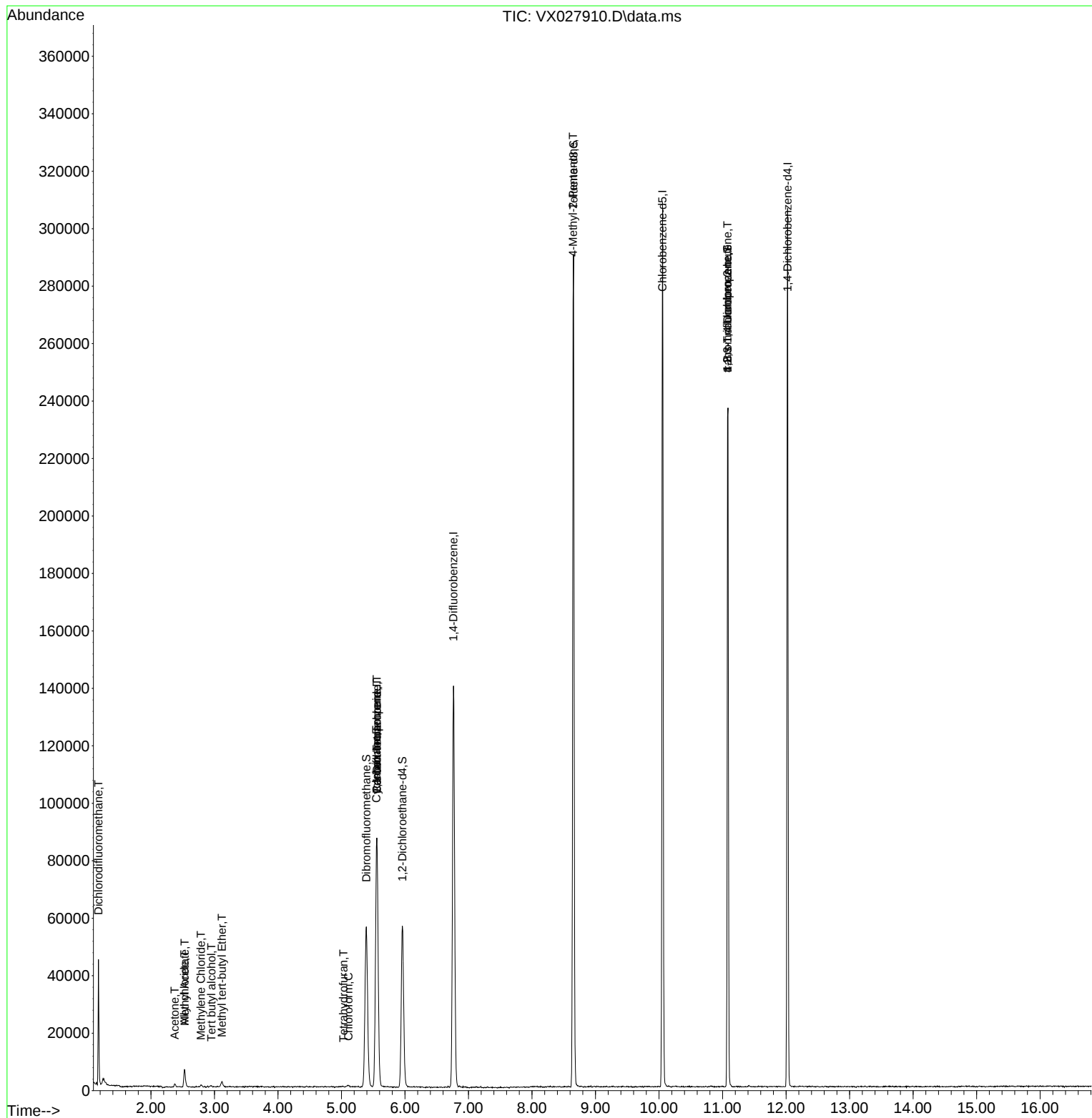
Internal Standards						
1) Pentafluorobenzene	5.556	168	79998	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	142379	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	56470	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	55633	53.898	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 107.800%	
35) Dibromofluoromethane	5.391	113	47582	51.775	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.540%	
50) Toluene-d8	8.653	98	168147	52.001	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 104.000%	
62) 4-Bromofluorobenzene	11.079	95	66043	48.062	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 96.120%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	496	0.684	ug/l	# 68
11) Tert butyl alcohol	2.953	59	256	1.291	ug/l	# 72
14) Allyl chloride	2.526	41	699	0.554	ug/l	# 57
16) Acetone	2.374	43	1025	2.244	ug/l	91
18) Methyl Acetate	2.532	43	1864	1.655	ug/l	# 46
19) Methyl tert-butyl Ether	3.117	73	1850	0.706	ug/l	99
20) Methylene Chloride	2.788	84	255	0.310	ug/l	# 80
29) Tetrahydrofuran	5.032	42	129	0.302	ug/l	# 25
30) Chloroform	5.111	83	683	0.432	ug/l	87
31) Cyclohexane	5.550	56	1760	1.543	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	6453	5.575	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	8817	6.895	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.647	43	799	0.501	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	36583	27.616	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	36583	80.718	ug/l	# 15

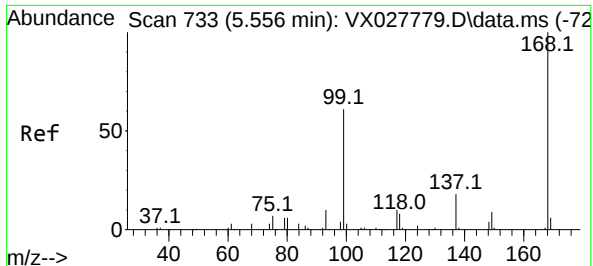
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 30 04:39:27 2022
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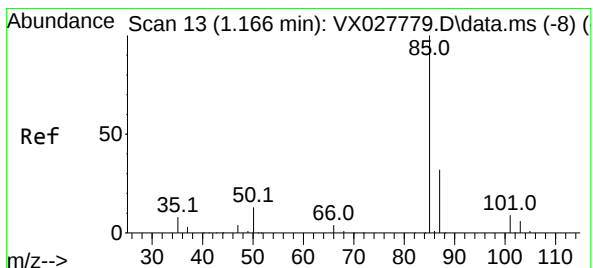
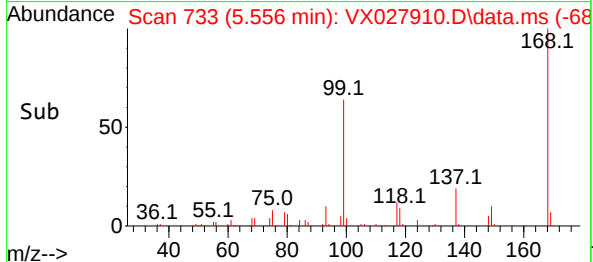
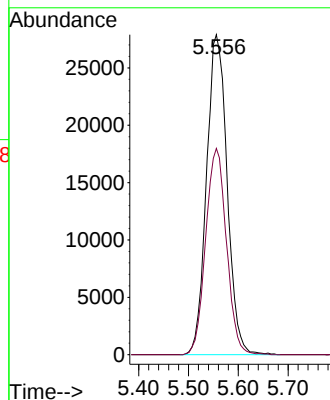
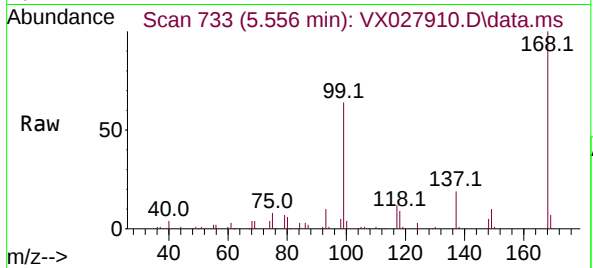




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027910.D
Acq: 02 Apr 2022 03:12

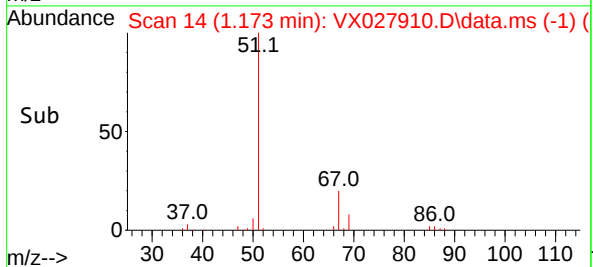
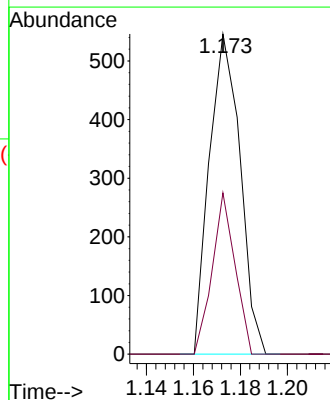
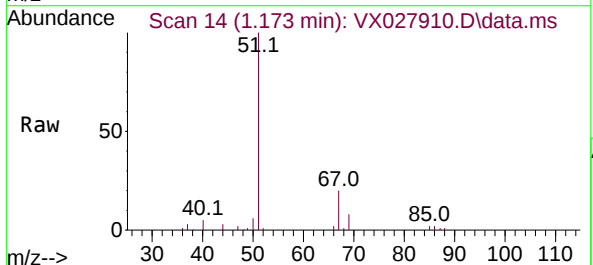
Instrument :
MSVOA_X
ClientSampleId :
MW-12R

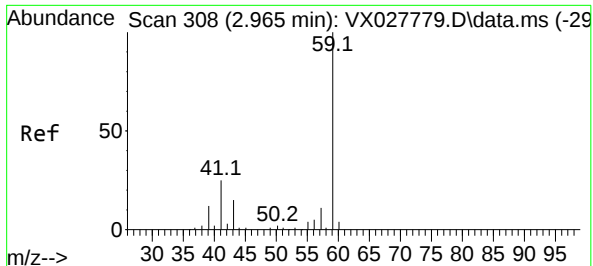
Tgt Ion:168 Resp: 79998
Ion Ratio Lower Upper
168 100
99 64.4 41.7 62.5#



#2
Dichlorodifluoromethane
Concen: 0.684 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.007 min
Lab File: VX027910.D
Acq: 02 Apr 2022 03:12

Tgt Ion: 85 Resp: 496
Ion Ratio Lower Upper
85 100
87 50.4 16.2 48.6#





#11

Tert butyl alcohol

Concen: 1.291 ug/l

RT: 2.953 min Scan# 308

Delta R.T. -0.012 min

Lab File: VX027910.D

Acq: 02 Apr 2022 03:12

Instrument :

MSVOA_X

ClientSampleId :

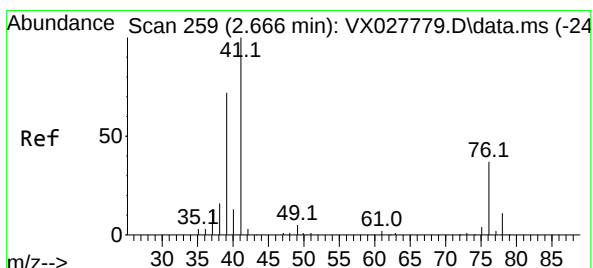
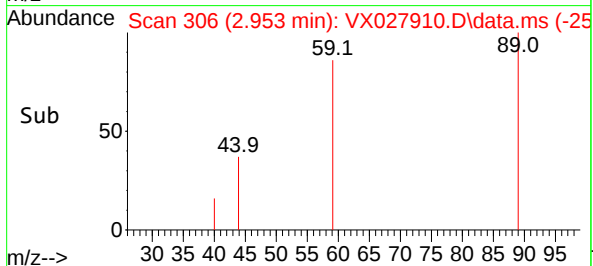
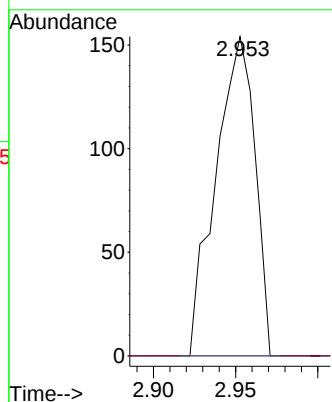
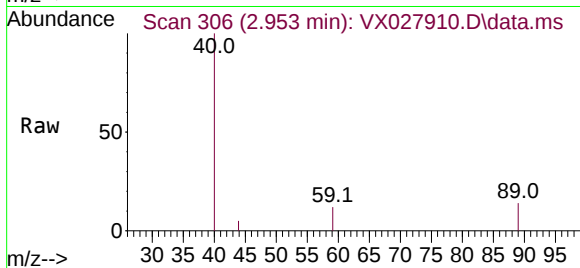
MW-12R

Tgt Ion: 59 Resp: 256

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#14

Allyl chloride

Concen: 0.554 ug/l

RT: 2.526 min Scan# 236

Delta R.T. -0.140 min

Lab File: VX027910.D

Acq: 02 Apr 2022 03:12

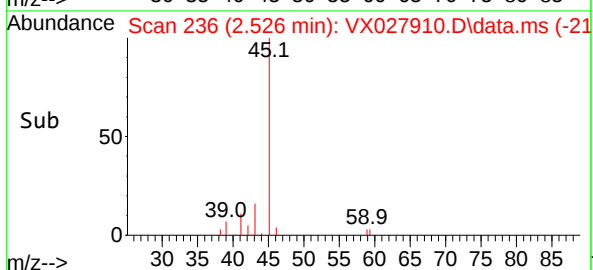
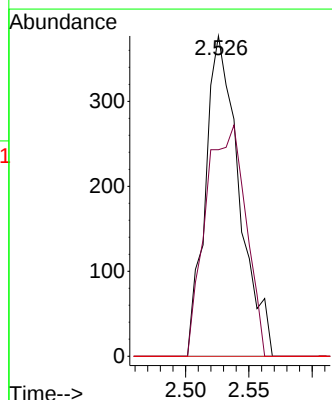
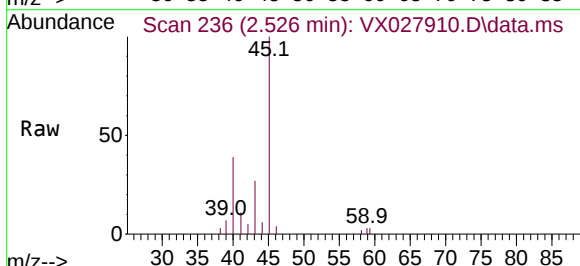
Tgt Ion: 41 Resp: 699

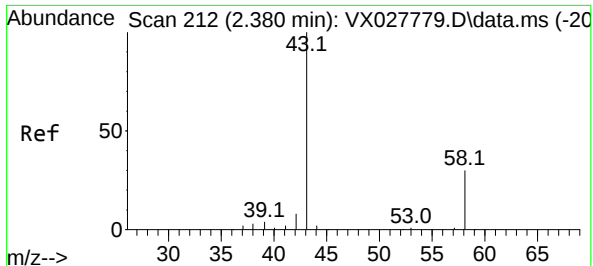
Ion Ratio Lower Upper

41 100

39 85.6 50.4 75.6#

76 0.0 32.7 49.1#

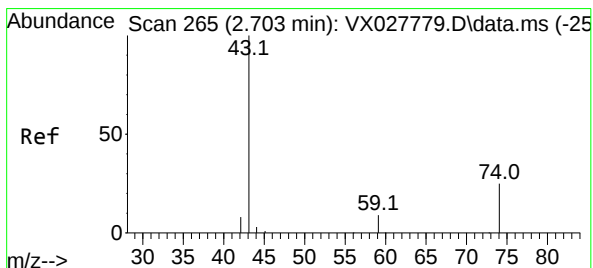
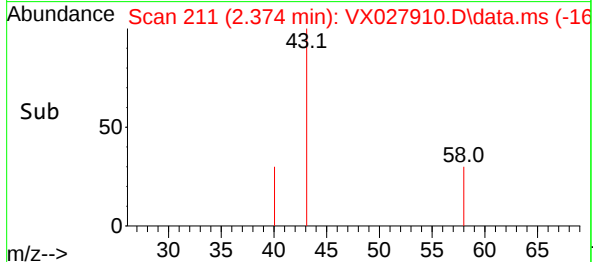
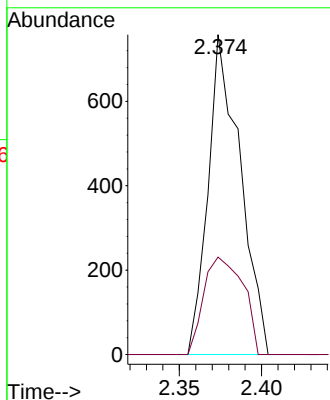
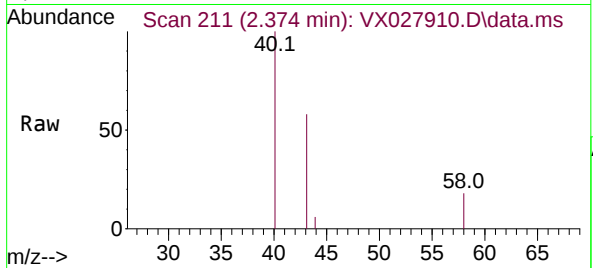




#16
Acetone
Concen: 2.244 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX027910.D
Acq: 02 Apr 2022 03:12

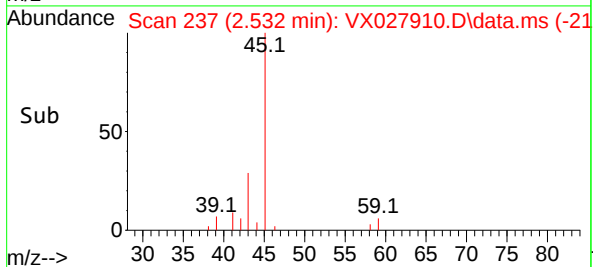
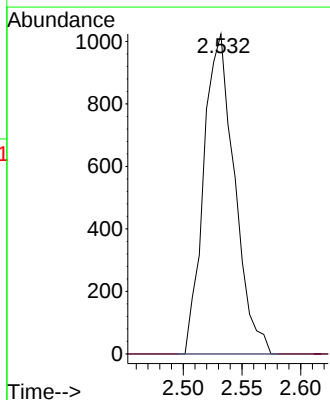
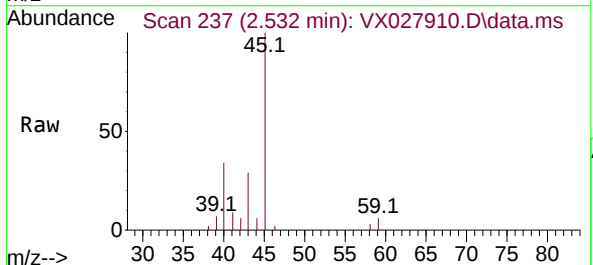
Instrument :
MSVOA_X
ClientSampleId :
MW-12R

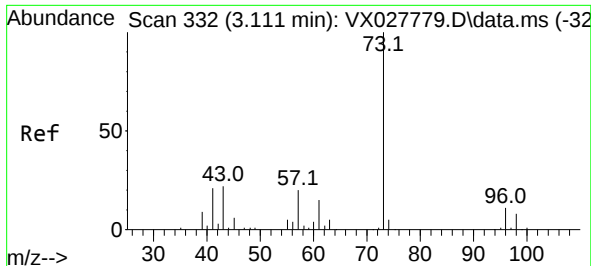
Tgt Ion: 43 Resp: 1025
Ion Ratio Lower Upper
43 100
58 30.5 28.8 43.2



#18
Methyl Acetate
Concen: 1.655 ug/l
RT: 2.532 min Scan# 237
Delta R.T. -0.171 min
Lab File: VX027910.D
Acq: 02 Apr 2022 03:12

Tgt Ion: 43 Resp: 1864
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#

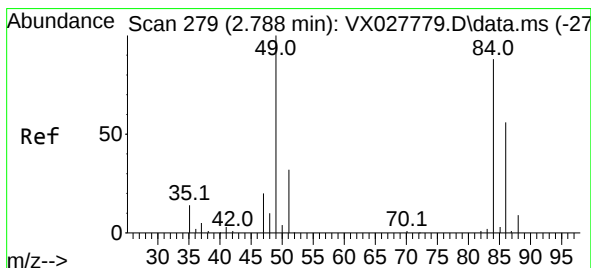
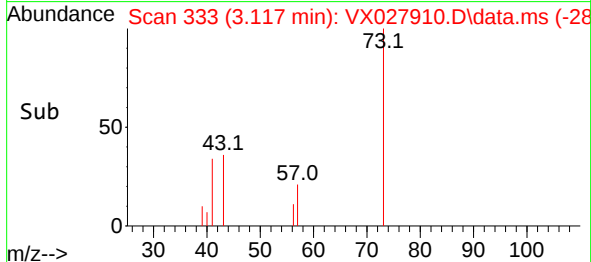
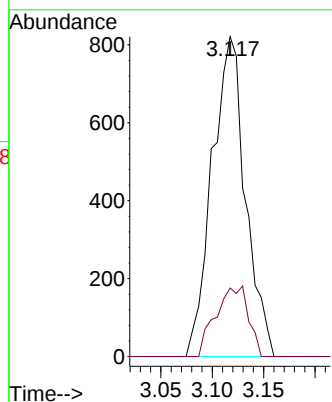
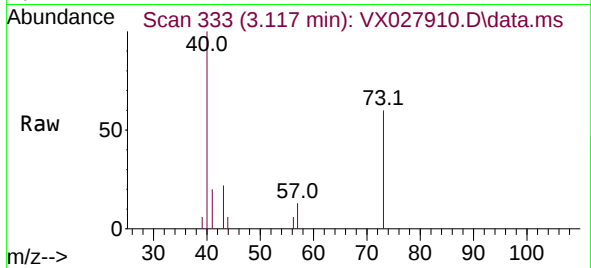




#19
Methyl tert-butyl Ether
Concen: 0.706 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX027910.D
Acq: 02 Apr 2022 03:12

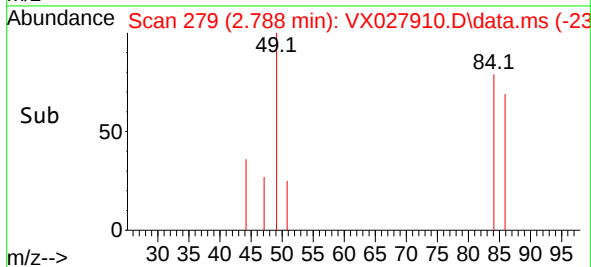
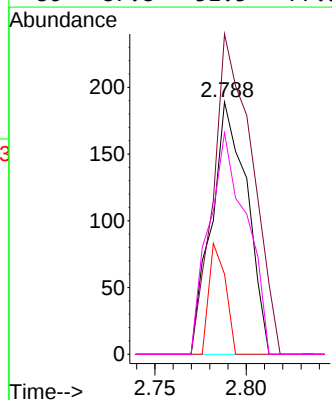
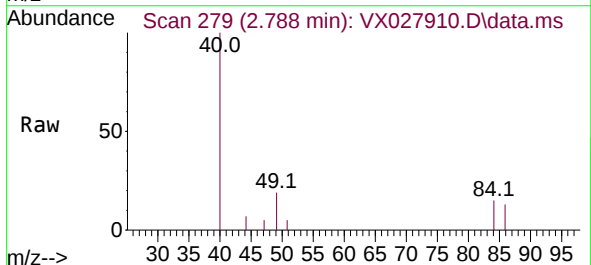
Instrument :
MSVOA_X
ClientSampleId :
MW-12R

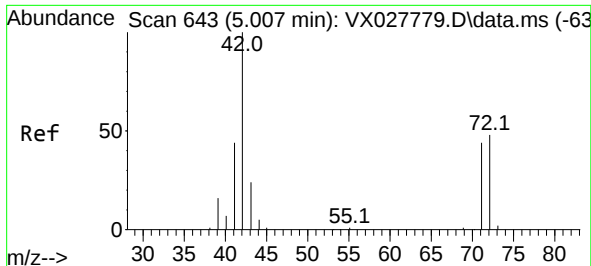
Tgt Ion: 73 Resp: 1850
Ion Ratio Lower Upper
73 100
57 21.4 16.8 25.2



#20
Methylene Chloride
Concen: 0.310 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX027910.D
Acq: 02 Apr 2022 03:12

Tgt Ion: 84 Resp: 255
Ion Ratio Lower Upper
84 100
49 127.0 85.5 128.3
51 31.7 26.6 39.8
86 87.8 51.5 77.3#





#29

Tetrahydrofuran

Concen: 0.302 ug/l

RT: 5.032 min Scan# 64

Delta R.T. 0.025 min

Lab File: VX027910.D

Acq: 02 Apr 2022 03:12

Instrument :

MSVOA_X

ClientSampleId :

MW-12R

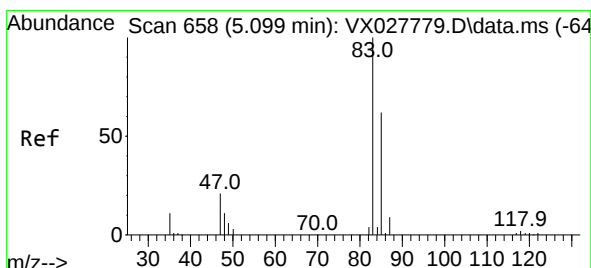
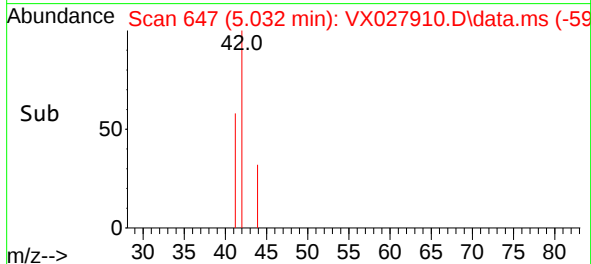
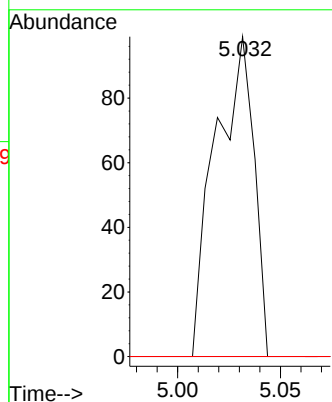
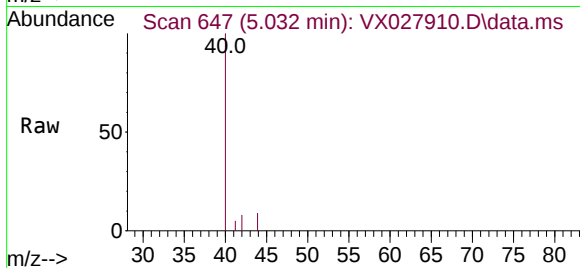
Tgt Ion: 42 Resp: 129

Ion Ratio Lower Upper

42 100

72 0.0 44.1 66.1#

71 0.0 40.5 60.7#



#30

Chloroform

Concen: 0.432 ug/l

RT: 5.111 min Scan# 660

Delta R.T. 0.012 min

Lab File: VX027910.D

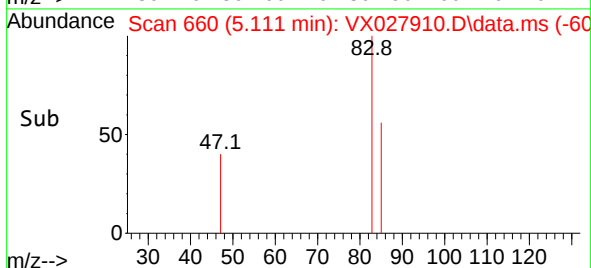
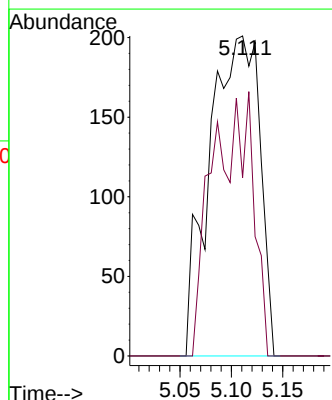
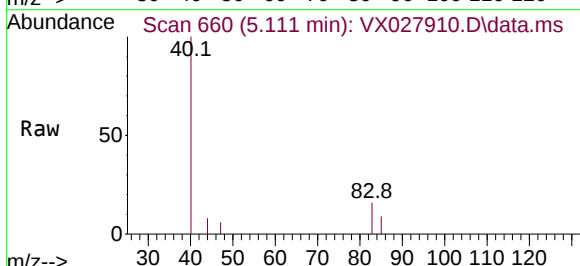
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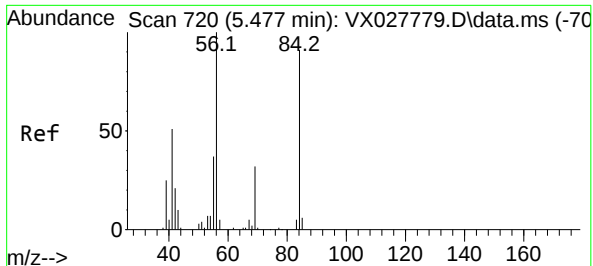
Tgt Ion: 83 Resp: 683

Ion Ratio Lower Upper

83 100

85 55.7 52.7 79.1

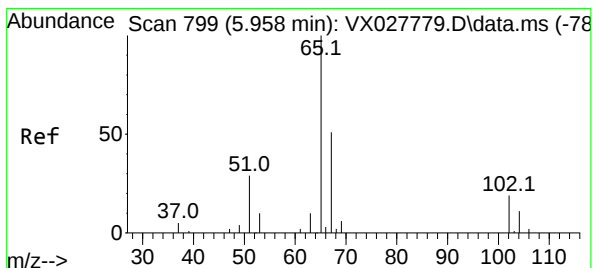
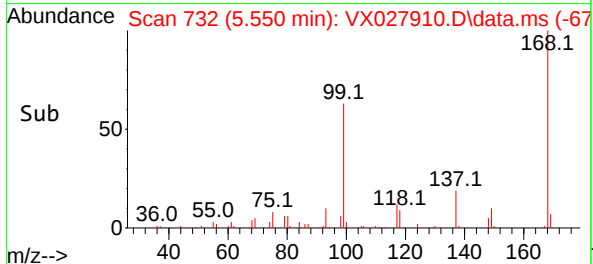
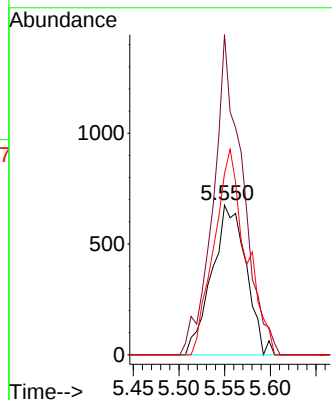
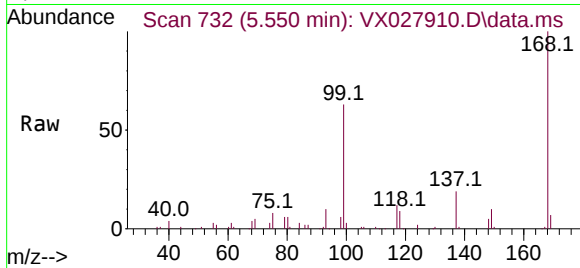




#31
Cyclohexane
Concen: 1.543 ug/l
RT: 5.550 min Scan# 710
Delta R.T. 0.073 min
Lab File: VX027910.D
Acq: 02 Apr 2022 03:12

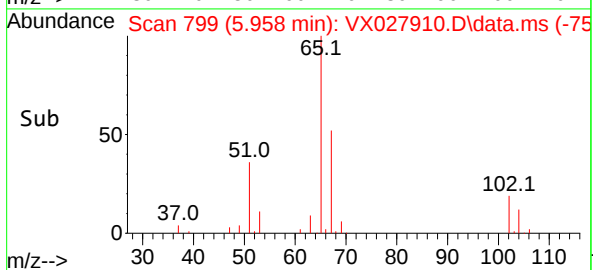
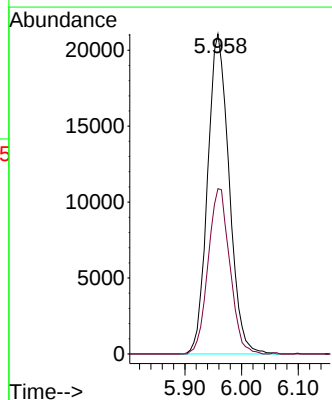
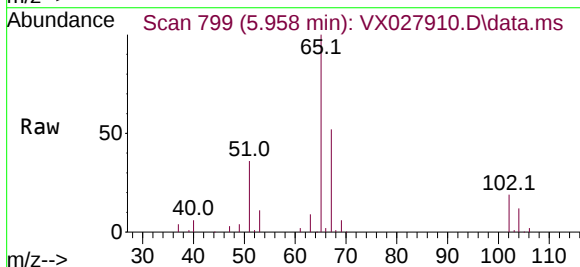
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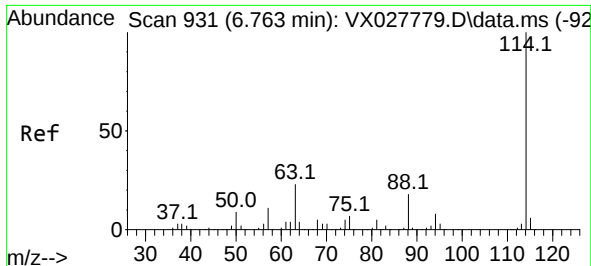
Tgt Ion: 56 Resp: 1760
Ion Ratio Lower Upper
56 100
69 214.1 26.7 40.1#
84 121.2 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 53.898 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027910.D
Acq: 02 Apr 2022 03:12

Tgt Ion: 65 Resp: 55633
Ion Ratio Lower Upper
65 100
67 51.9 0.0 107.4

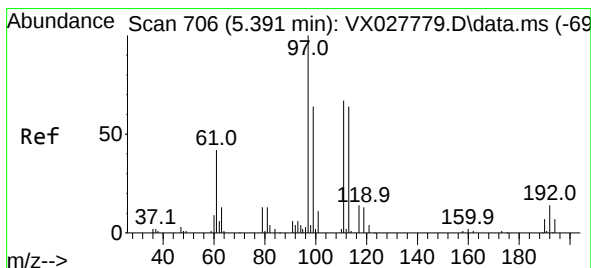
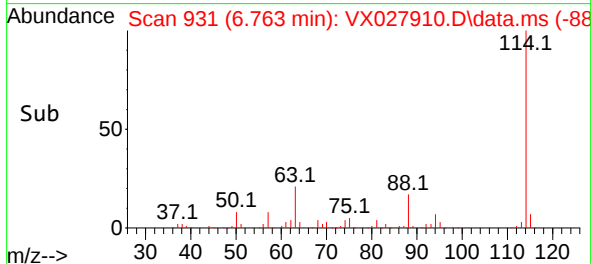
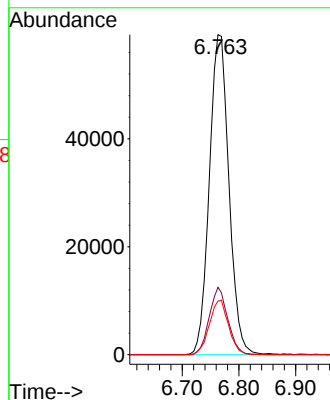
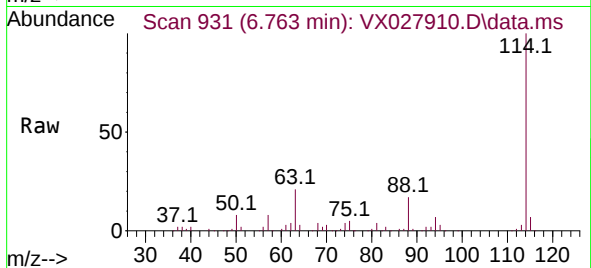




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX027910.D
Acq: 02 Apr 2022 03:12

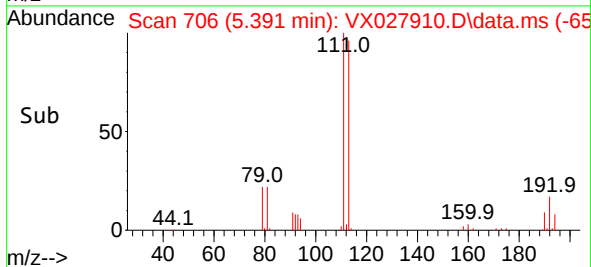
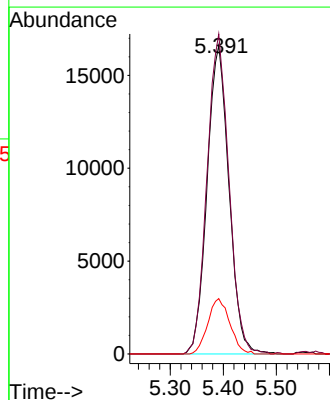
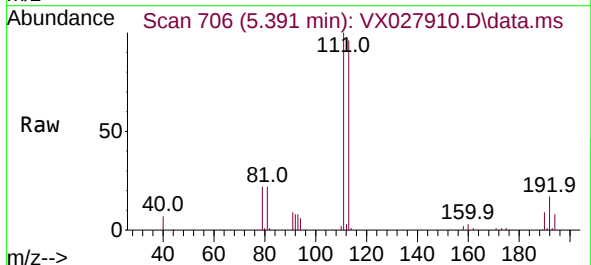
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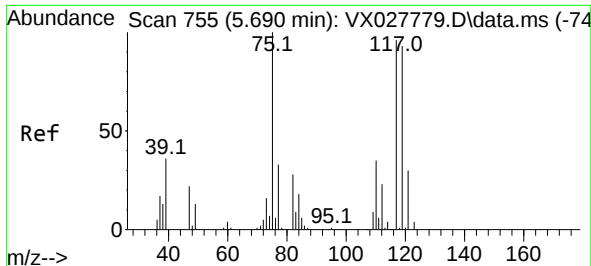
Tgt Ion:114 Resp: 142379
Ion Ratio Lower Upper
114 100
63 21.0 0.0 36.8
88 16.8 0.0 32.4



#35
Dibromofluoromethane
Concen: 51.775 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027910.D
Acq: 02 Apr 2022 03:12

Tgt Ion:113 Resp: 47582
Ion Ratio Lower Upper
113 100
111 104.0 82.8 124.2
192 18.1 16.9 25.3





#36

1,1-Dichloropropene

Concen: 5.575 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX027910.D

Acq: 02 Apr 2022 03:12

Instrument :

MSVOA_X

ClientSampleId :

MW-12R

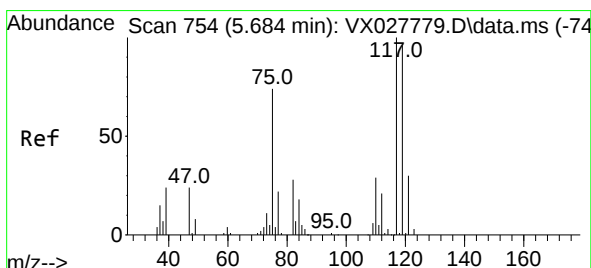
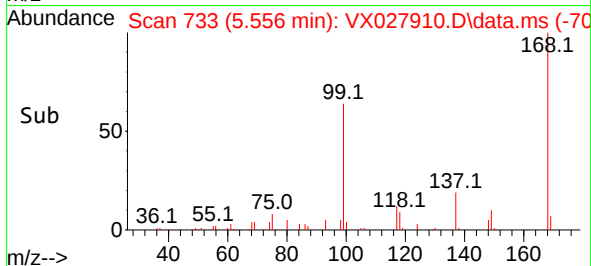
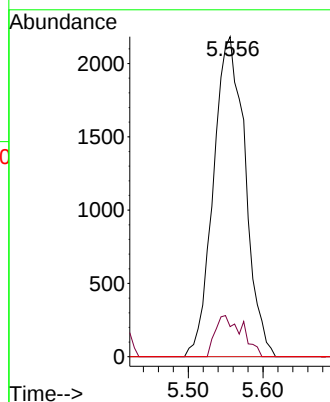
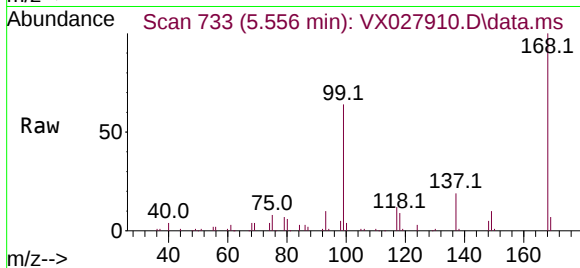
Tgt Ion: 75 Resp: 6453

Ion Ratio Lower Upper

75 100

110 10.9 18.3 54.8#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.895 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX027910.D

Acq: 02 Apr 2022 03:12

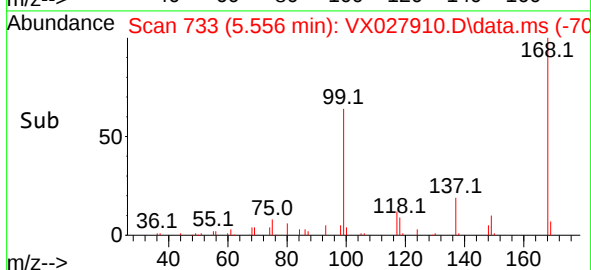
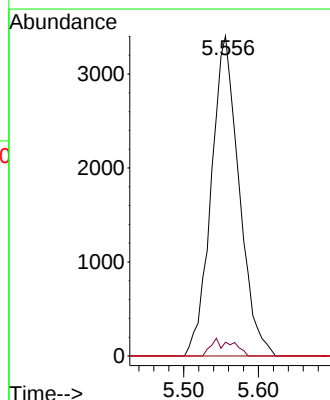
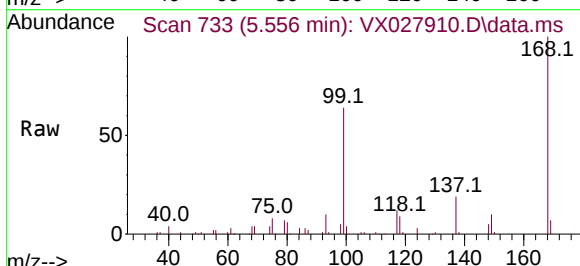
Tgt Ion: 117 Resp: 8817

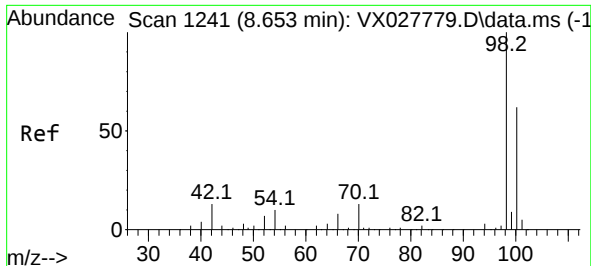
Ion Ratio Lower Upper

117 100

119 4.3 77.3 115.9#

121 0.0 24.2 36.2#

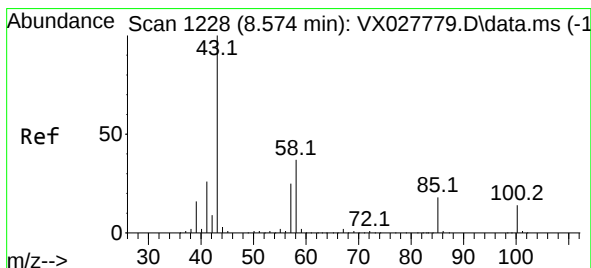
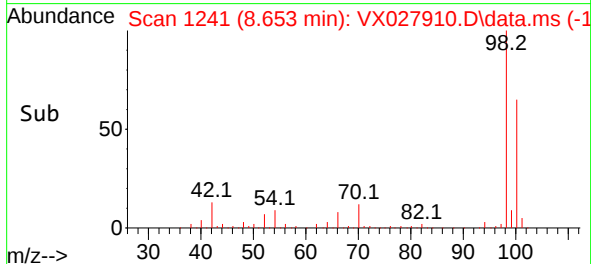
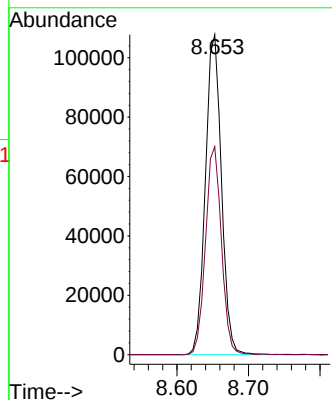
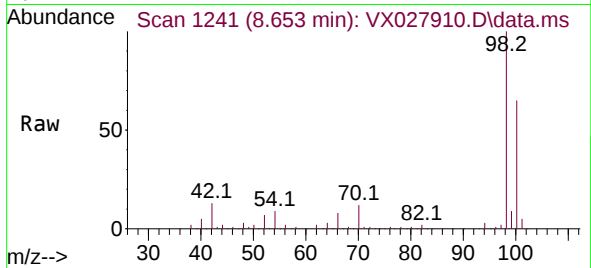




#50
Toluene-d8
Concen: 52.001 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027910.D
Acq: 02 Apr 2022 03:12

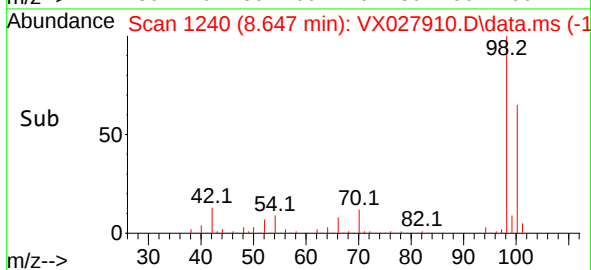
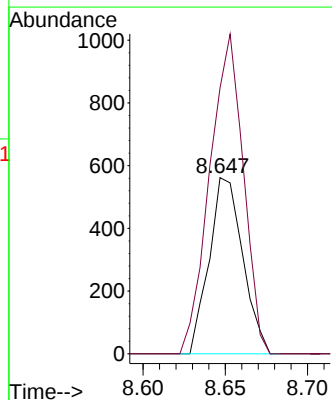
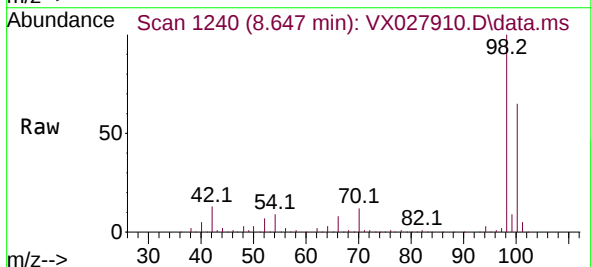
Instrument :
MSVOA_X
ClientSampleId :
MW-12R

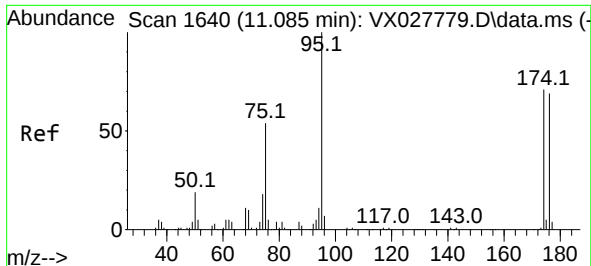
Tgt Ion: 98 Resp: 168147
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.501 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX027910.D
Acq: 02 Apr 2022 03:12

Tgt Ion: 43 Resp: 799
Ion Ratio Lower Upper
43 100
58 181.5 36.1 54.1#

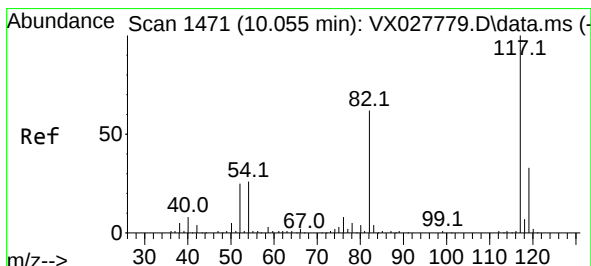
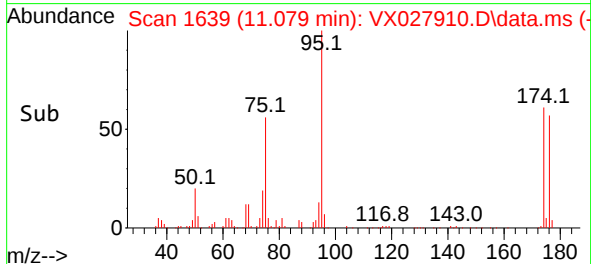
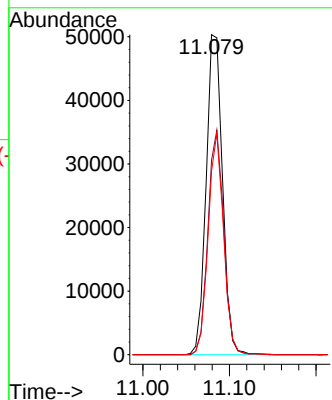
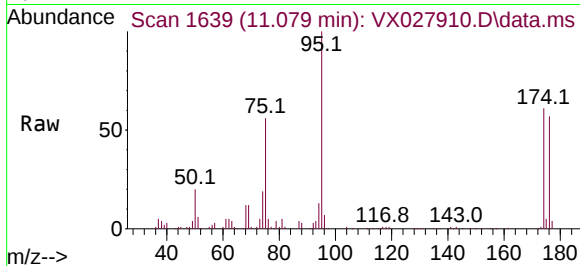




#62
4-Bromofluorobenzene
Concen: 48.062 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027910.D
Acq: 02 Apr 2022 03:12

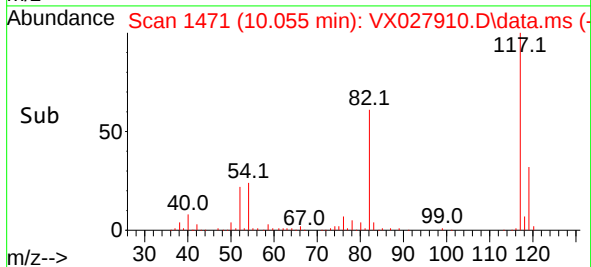
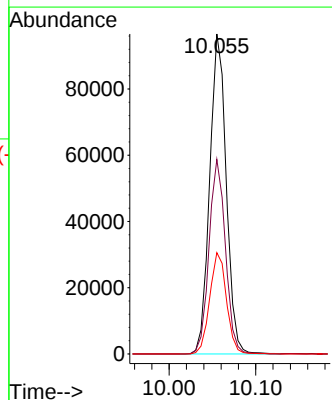
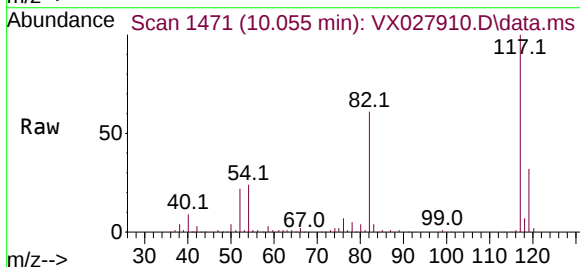
Instrument :
MSVOA_X
ClientSampleId :
MW-12R

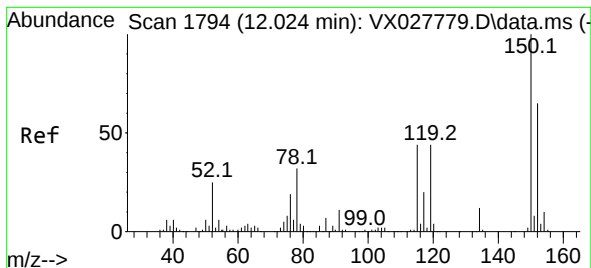
Tgt Ion: 95 Resp: 66043
Ion Ratio Lower Upper
95 100
174 67.9 0.0 163.0
176 65.0 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027910.D
Acq: 02 Apr 2022 03:12

Tgt Ion: 117 Resp: 128173
Ion Ratio Lower Upper
117 100
82 60.8 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# 1

Delta R.T. 0.000 min

Lab File: VX027910.D

Acq: 02 Apr 2022 03:12

Instrument :

MSVOA_X

ClientSampleId :

MW-12R

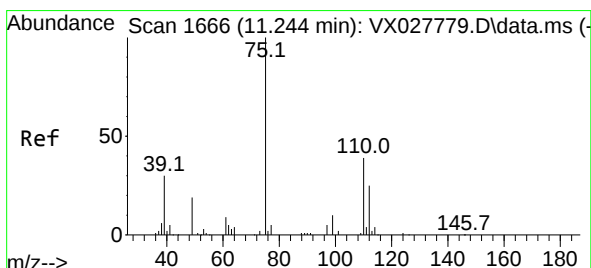
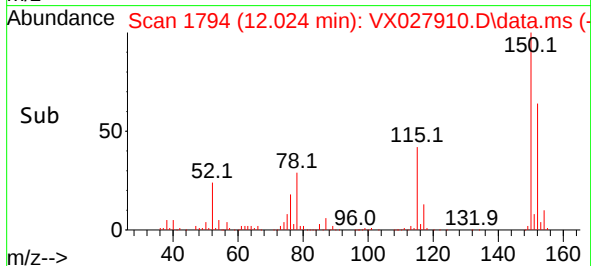
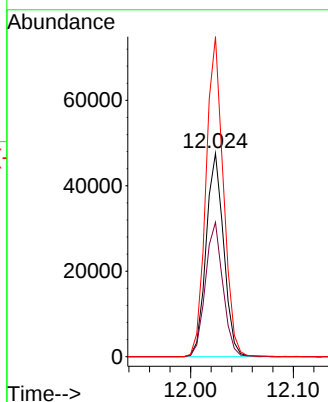
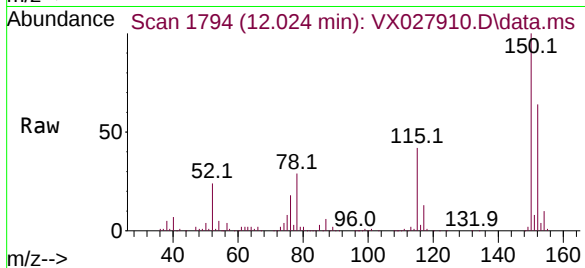
Tgt Ion:152 Resp: 56470

Ion Ratio Lower Upper

152 100

115 65.9 37.5 112.7

150 155.8 0.0 338.2



#76

1,2,3-Trichloropropane

Concen: 27.616 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.165 min

Lab File: VX027910.D

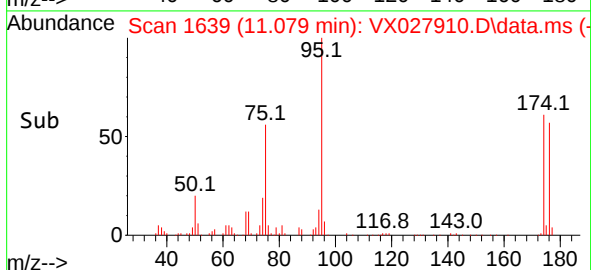
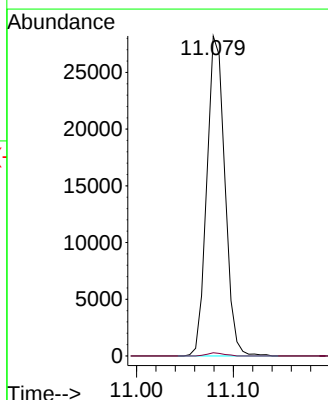
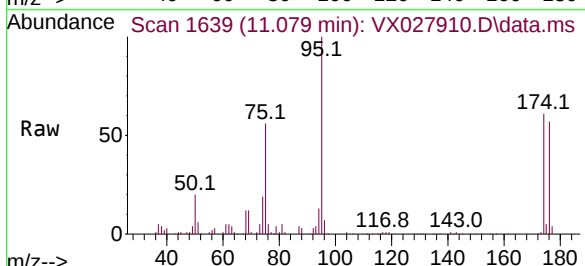
Acq: 02 Apr 2022 03:12

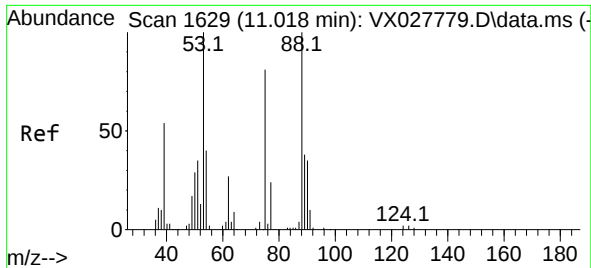
Tgt Ion: 75 Resp: 36583

Ion Ratio Lower Upper

75 100

77 0.9 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.718 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX027910.D
 Acq: 02 Apr 2022 03:12

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12R

Tgt Ion: 75 Resp: 36583
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

