

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040122\
 Data File : VX027911.D
 Acq On : 02 Apr 2022 03:35
 Operator : JC/MD
 Sample : N2172-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-13

Quant Time: Apr 02 07:34:17 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)

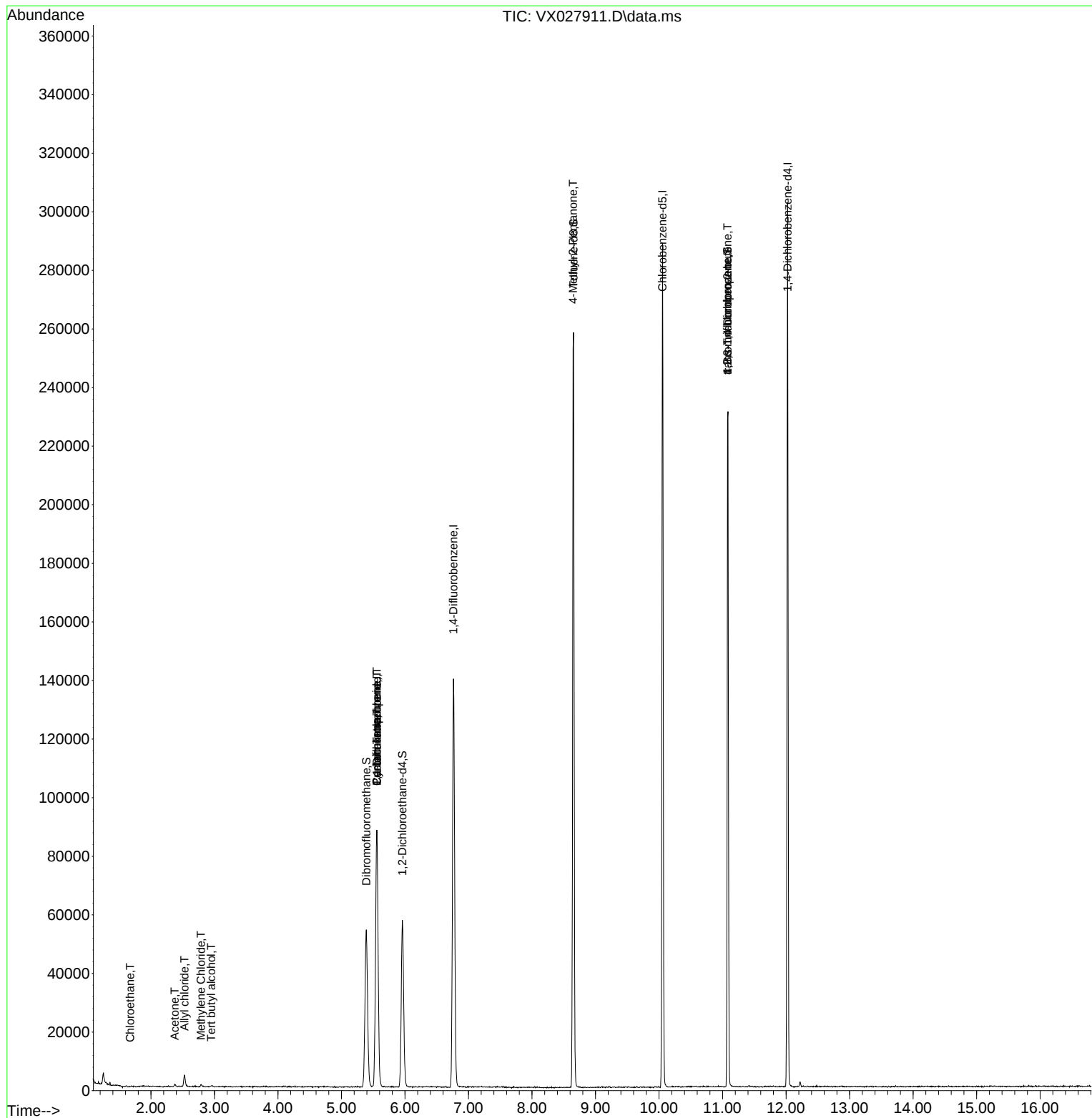
Internal Standards						
1) Pentafluorobenzene	5.556	168	79576	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	141676	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54530	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	56353	54.885	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 109.760%	
35) Dibromofluoromethane	5.391	113	46436	50.778	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 101.560%	
50) Toluene-d8	8.653	98	159322	49.516	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 99.040%	
62) 4-Bromofluorobenzene	11.079	95	65622	47.992	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 95.980%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.672	64	191	0.434	ug/l #	43
11) Tert butyl alcohol	2.947	59	318	1.612	ug/l #	72
14) Allyl chloride	2.526	41	452	0.360	ug/l #	70
16) Acetone	2.373	43	827	1.820	ug/l #	78
20) Methylene Chloride	2.788	84	341	0.417	ug/l #	87
31) Cyclohexane	5.556	56	1773	1.562	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	6639	5.764	ug/l #	50
38) Carbon Tetrachloride	5.556	117	8626	6.779	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	658	0.415	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35209	27.525	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	35209	80.462	ug/l #	15

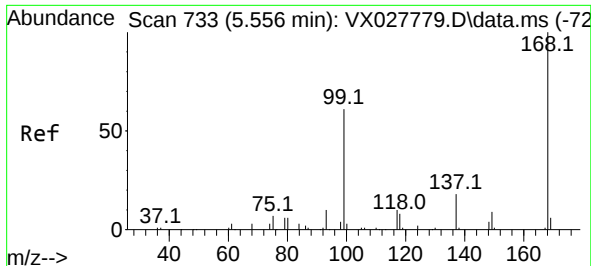
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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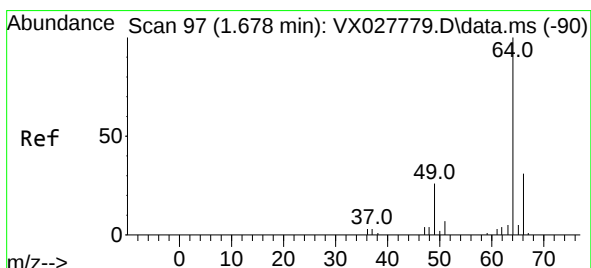
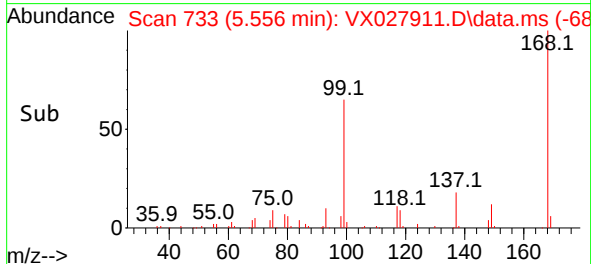
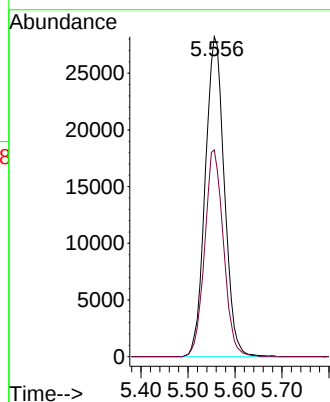
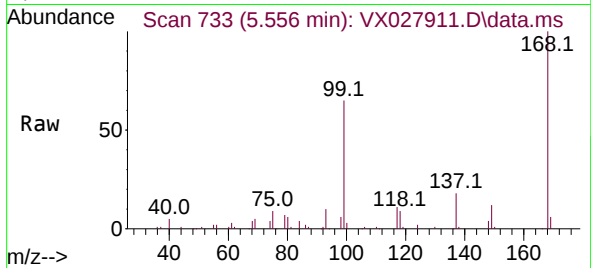




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027911.D
Acq: 02 Apr 2022 03:35

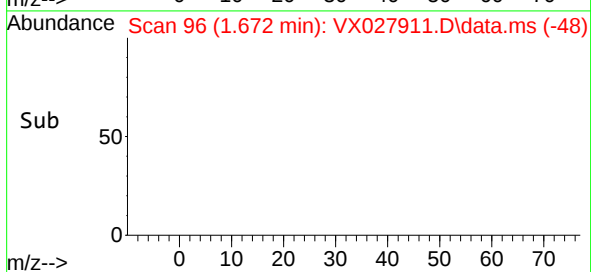
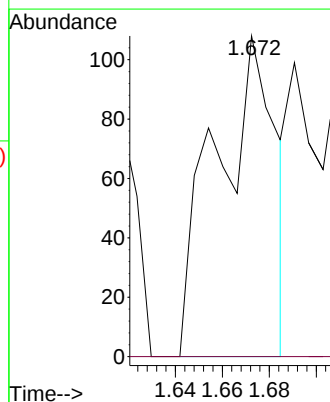
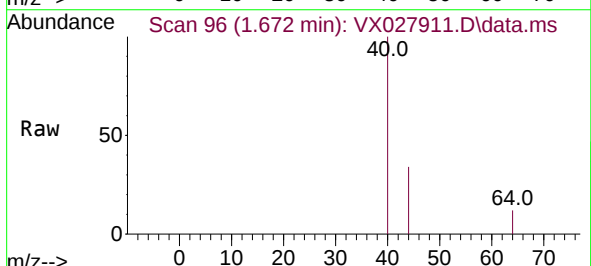
Instrument :
MSVOA_X
ClientSampleId :
MW-13

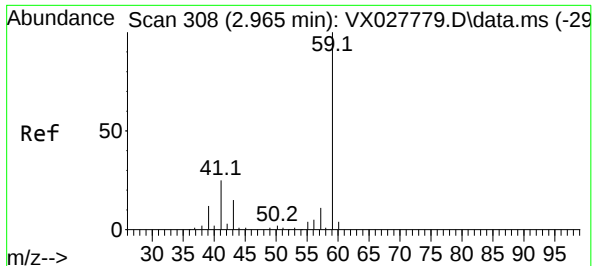
Tgt Ion:168 Resp: 79576
Ion Ratio Lower Upper
168 100
99 64.6 41.7 62.5#



#6
Chloroethane
Concen: 0.434 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.006 min
Lab File: VX027911.D
Acq: 02 Apr 2022 03:35

Tgt Ion: 64 Resp: 191
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#





#11

Tert butyl alcohol

Concen: 1.612 ug/l

RT: 2.947 min Scan# 30

Delta R.T. -0.018 min

Lab File: VX027911.D

Acq: 02 Apr 2022 03:35

Instrument :

MSVOA_X

ClientSampleId :

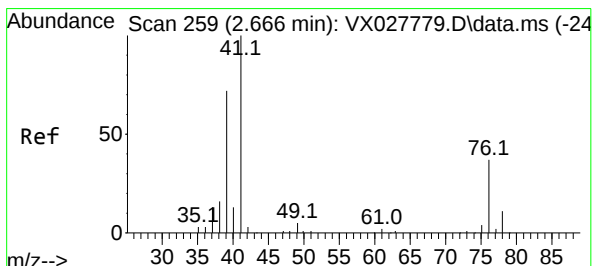
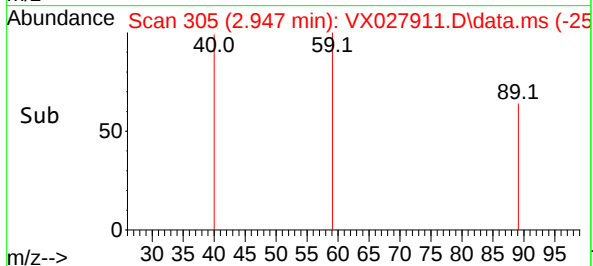
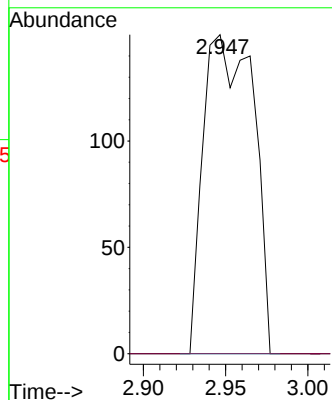
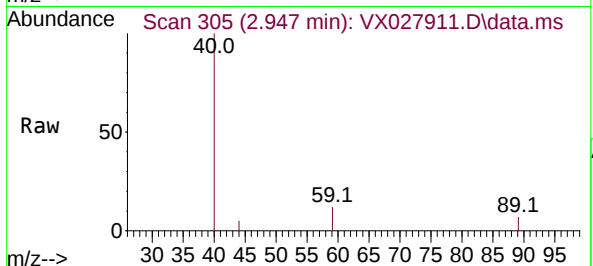
MW-13

Tgt Ion: 59 Resp: 318

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#14

Allyl chloride

Concen: 0.360 ug/l

RT: 2.526 min Scan# 236

Delta R.T. -0.140 min

Lab File: VX027911.D

Acq: 02 Apr 2022 03:35

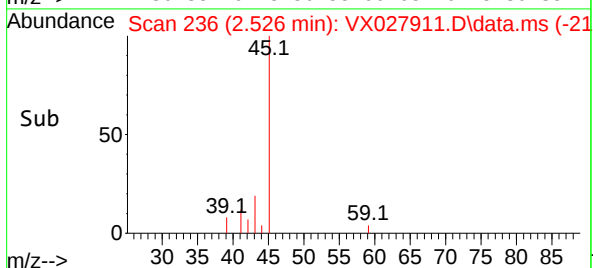
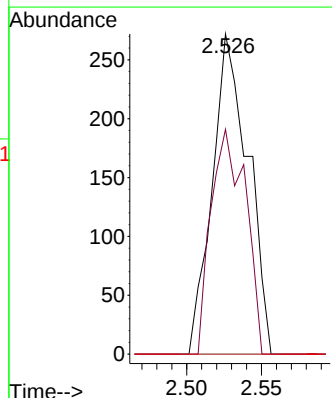
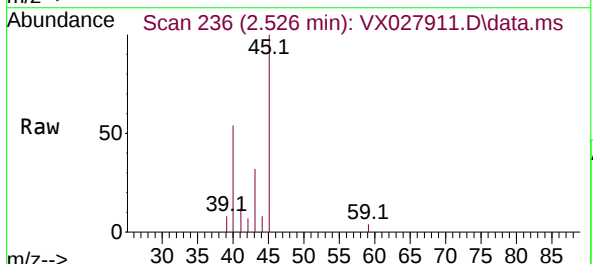
Tgt Ion: 41 Resp: 452

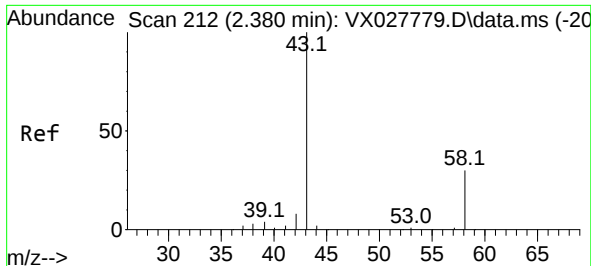
Ion Ratio Lower Upper

41 100

39 67.9 50.4 75.6

76 0.0 32.7 49.1#





#16

Acetone

Concen: 1.820 ug/l

RT: 2.373 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX027911.D

Acq: 02 Apr 2022 03:35

Instrument :

MSVOA_X

ClientSampleId :

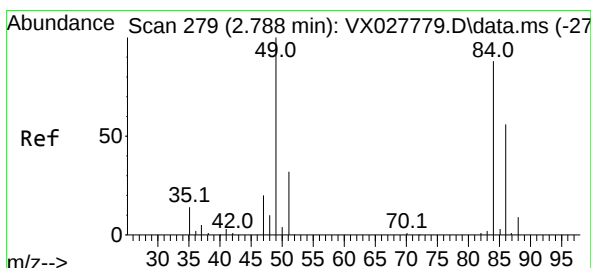
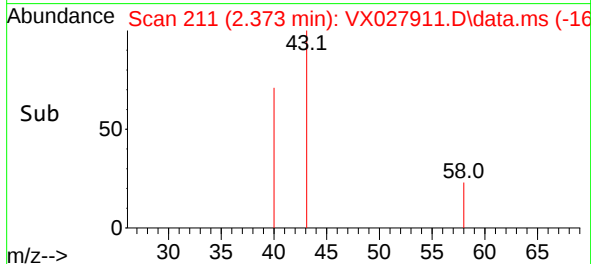
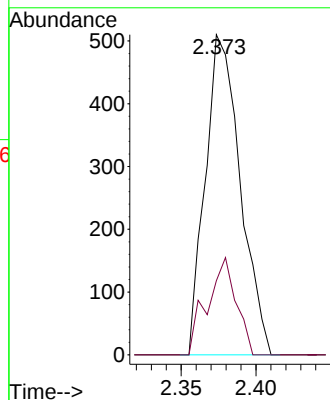
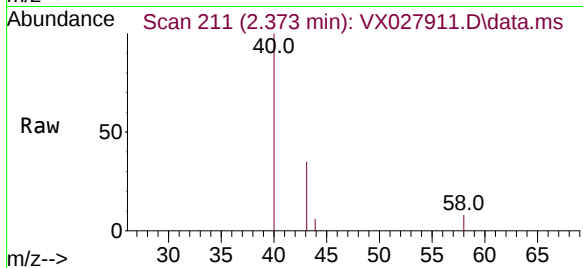
MW-13

Tgt Ion: 43 Resp: 827

Ion Ratio Lower Upper

43 100

58 23.1 28.8 43.2#



#20

Methylene Chloride

Concen: 0.417 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX027911.D

Acq: 02 Apr 2022 03:35

Tgt Ion: 84 Resp: 341

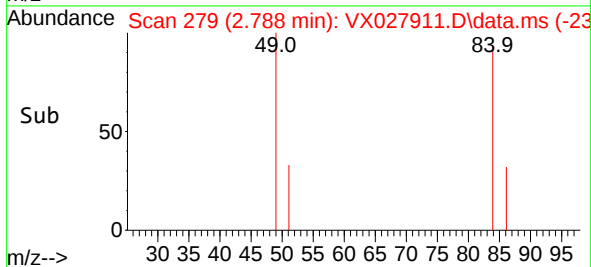
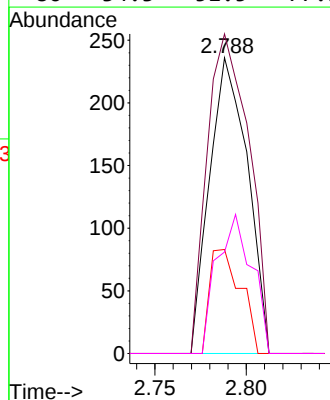
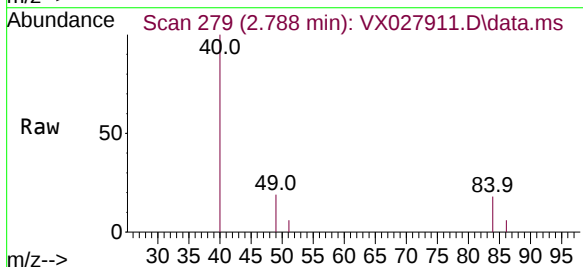
Ion Ratio Lower Upper

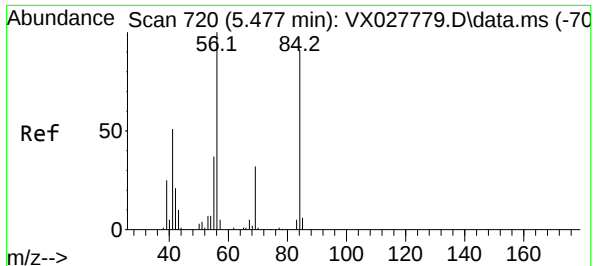
84 100

49 108.1 85.5 128.3

51 35.2 26.6 39.8

86 34.3 51.5 77.3#

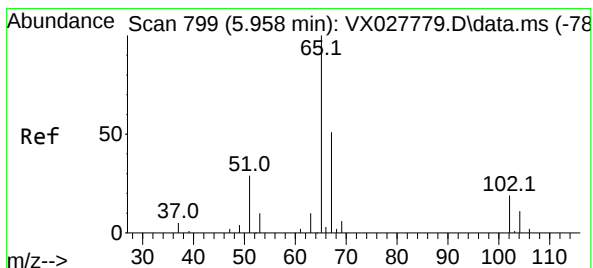
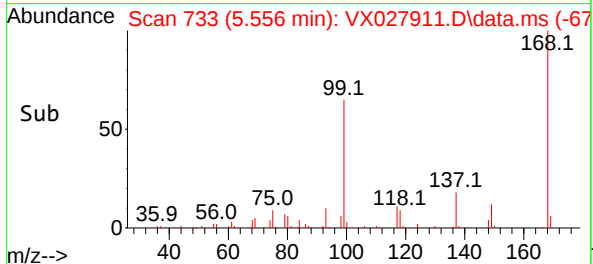
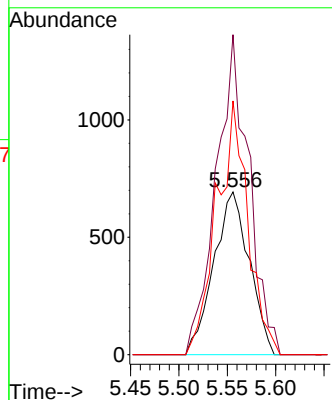
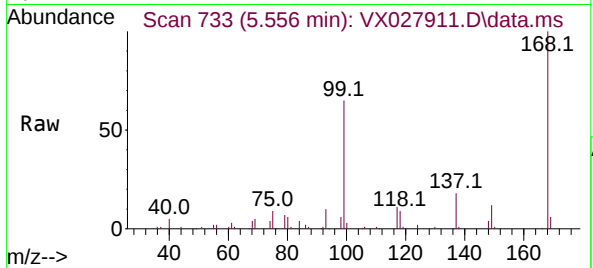




#31
Cyclohexane
Concen: 1.562 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.079 min
Lab File: VX027911.D
Acq: 02 Apr 2022 03:35

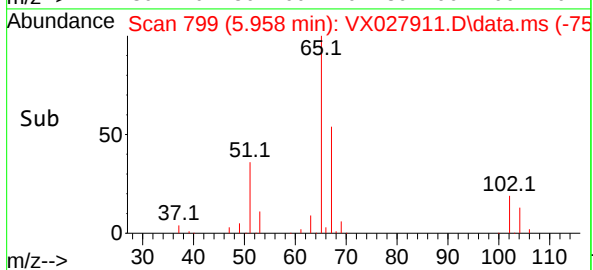
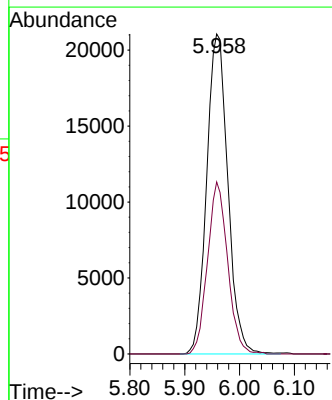
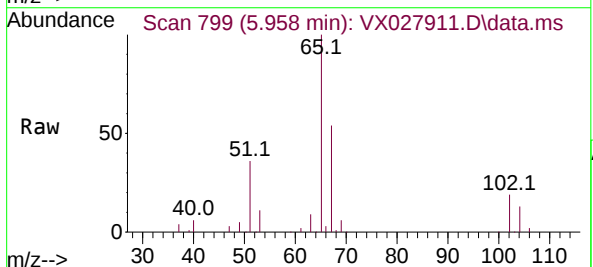
Instrument :
MSVOA_X
ClientSampleId :
MW-13

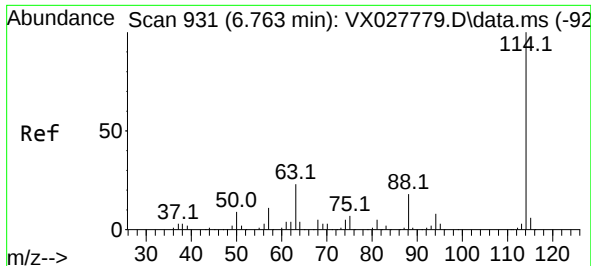
Tgt Ion: 56 Resp: 1773
Ion Ratio Lower Upper
56 100
69 196.7 26.7 40.1#
84 156.0 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 54.885 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027911.D
Acq: 02 Apr 2022 03:35

Tgt Ion: 65 Resp: 56353
Ion Ratio Lower Upper
65 100
67 51.1 0.0 107.4

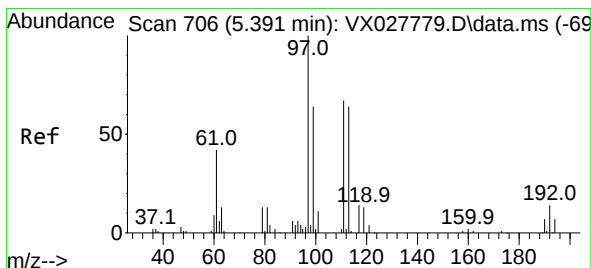
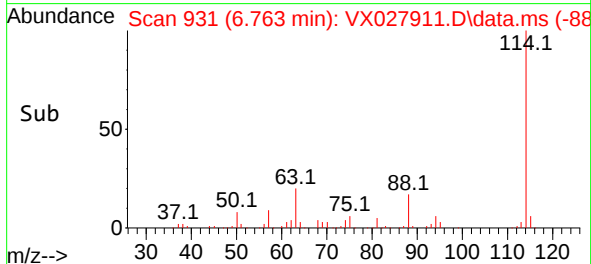
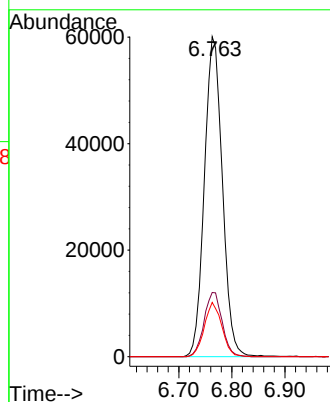
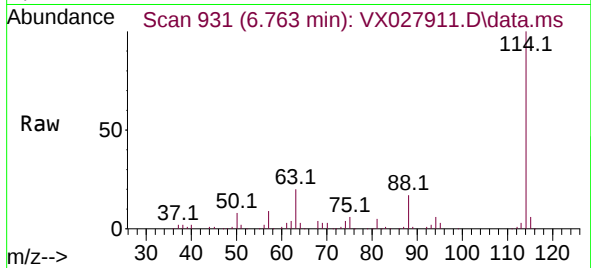




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX027911.D
Acq: 02 Apr 2022 03:35

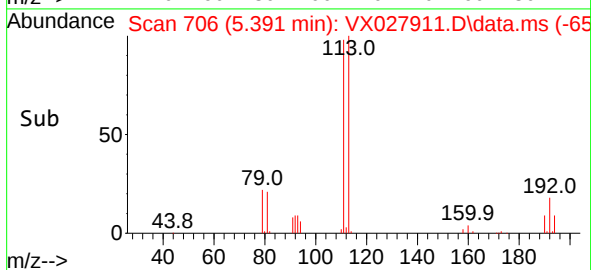
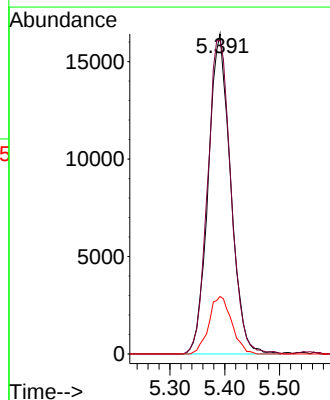
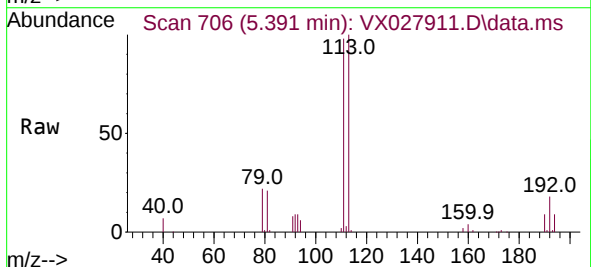
Instrument :
MSVOA_X
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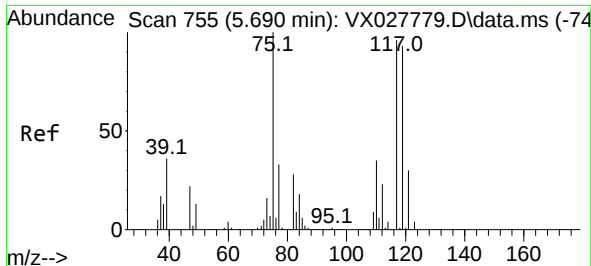
Tgt Ion:114 Resp: 141676
Ion Ratio Lower Upper
114 100
63 20.1 0.0 36.8
88 16.9 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.778 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027911.D
Acq: 02 Apr 2022 03:35

Tgt Ion:113 Resp: 46436
Ion Ratio Lower Upper
113 100
111 102.5 82.8 124.2
192 18.3 16.9 25.3





#36

1,1-Dichloropropene

Concen: 5.764 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX027911.D

Acq: 02 Apr 2022 03:35

Instrument :

MSVOA_X

ClientSampleId :

MW-13

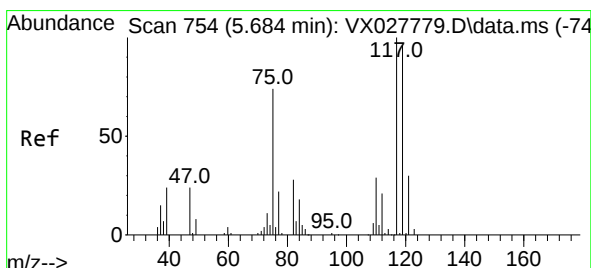
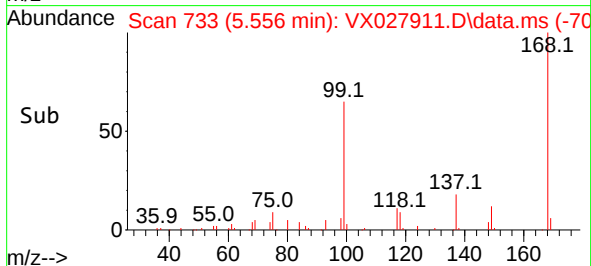
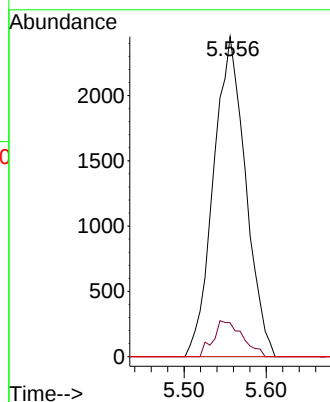
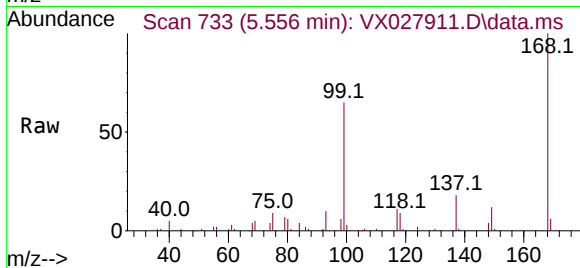
Tgt Ion: 75 Resp: 6639

Ion Ratio Lower Upper

75 100

110 10.2 18.3 54.8#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.779 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX027911.D

Acq: 02 Apr 2022 03:35

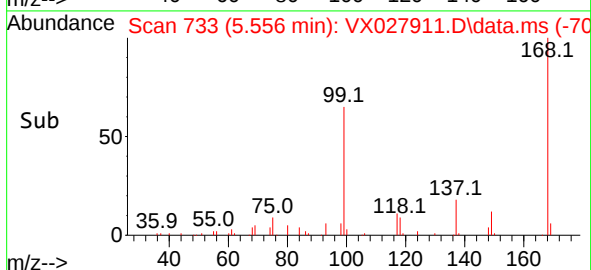
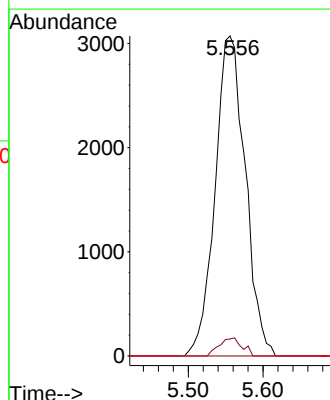
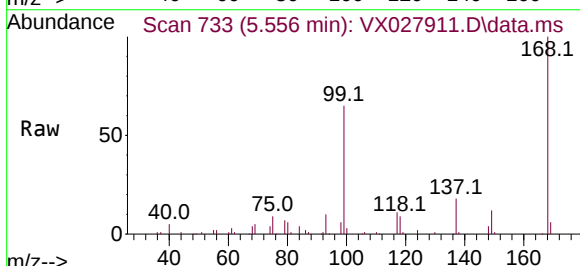
Tgt Ion: 117 Resp: 8626

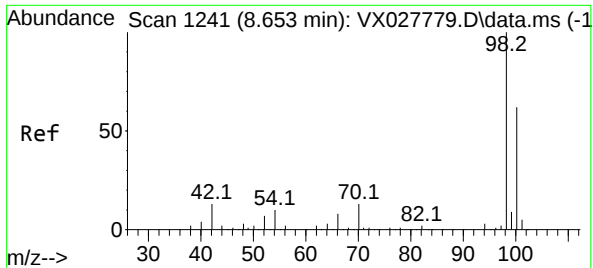
Ion Ratio Lower Upper

117 100

119 5.3 77.3 115.9#

121 0.0 24.2 36.2#

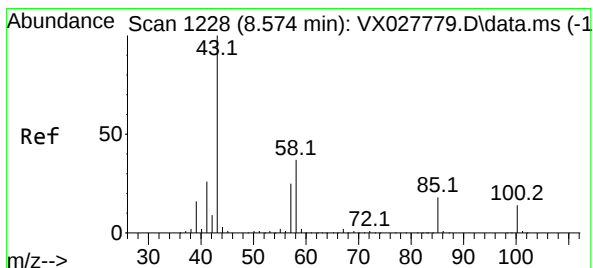
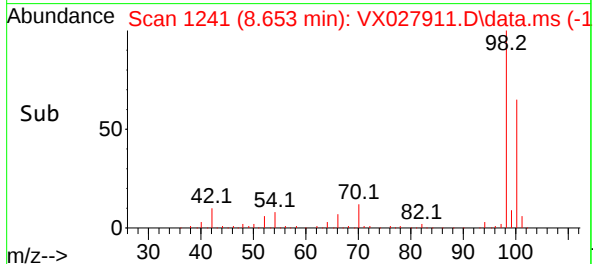
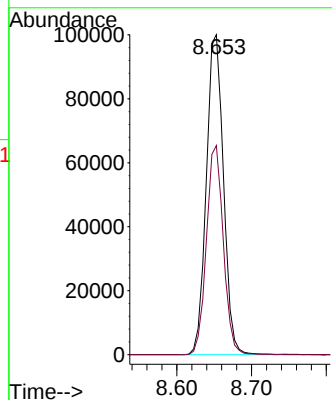
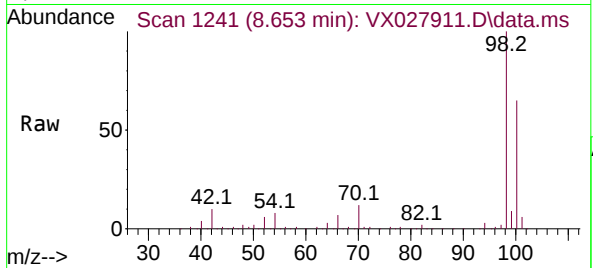




#50
Toluene-d8
Concen: 49.516 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027911.D
Acq: 02 Apr 2022 03:35

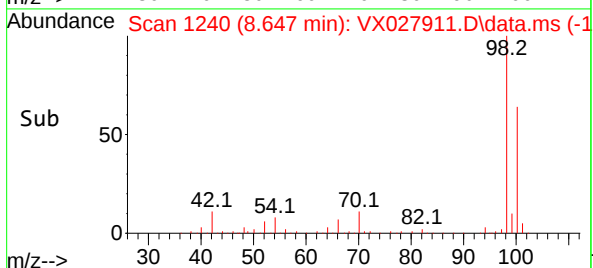
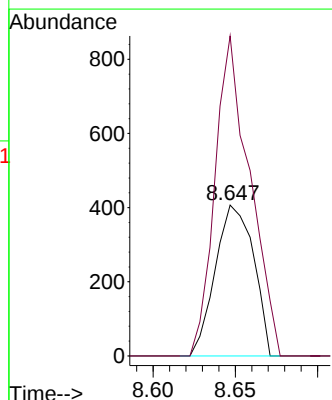
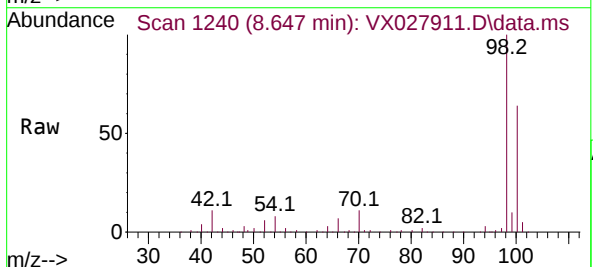
Instrument :
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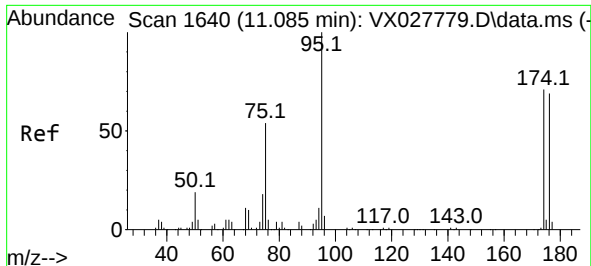
Tgt Ion: 98 Resp: 159322
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.415 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX027911.D
Acq: 02 Apr 2022 03:35

Tgt Ion: 43 Resp: 658
Ion Ratio Lower Upper
43 100
58 193.5 36.1 54.1#

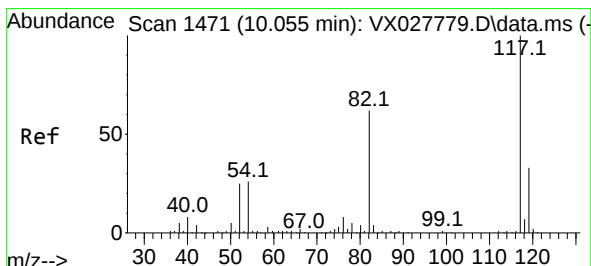
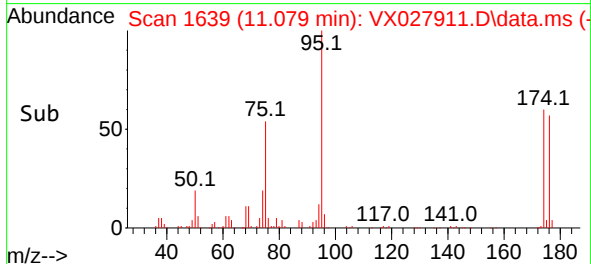
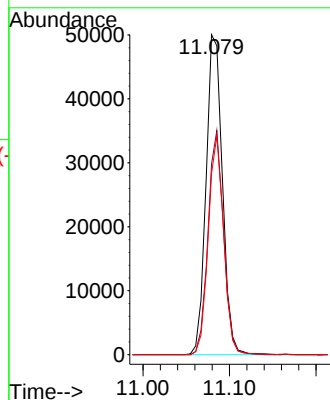
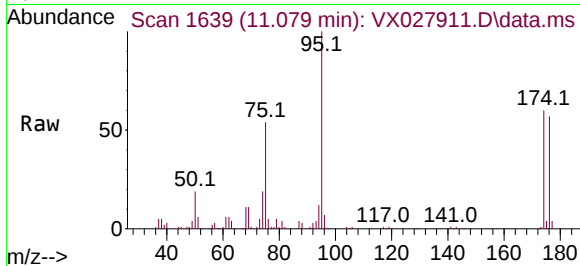




#62
4-Bromofluorobenzene
Concen: 47.992 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027911.D
Acq: 02 Apr 2022 03:35

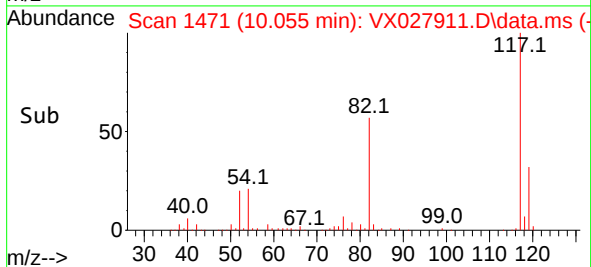
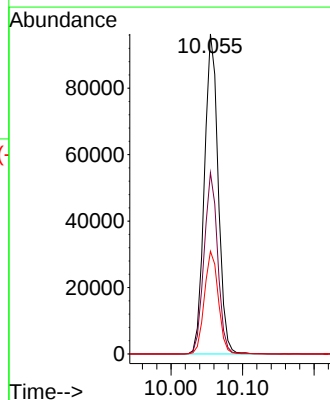
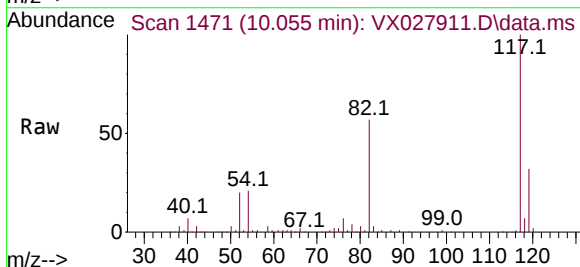
Instrument :
MSVOA_X
ClientSampleId :
MW-13

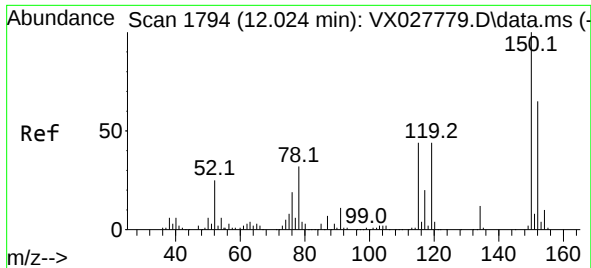
Tgt Ion: 95 Resp: 65622
Ion Ratio Lower Upper
95 100
174 66.7 0.0 163.0
176 64.1 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027911.D
Acq: 02 Apr 2022 03:35

Tgt Ion: 117 Resp: 128983
Ion Ratio Lower Upper
117 100
82 56.6 41.8 62.8
119 32.1 24.8 37.2

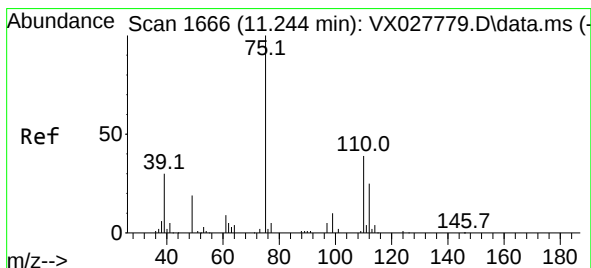
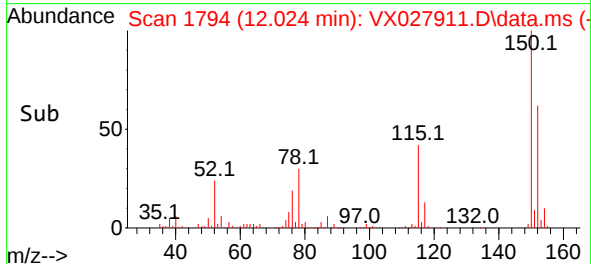
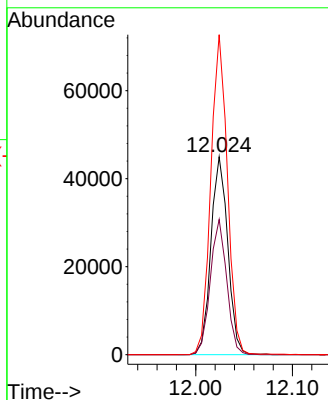
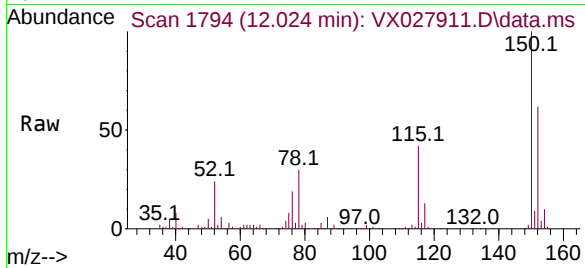




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX027911.D
 Acq: 02 Apr 2022 03:35

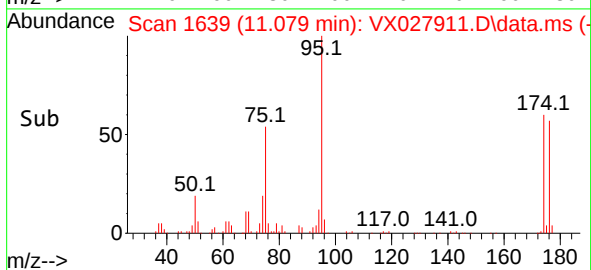
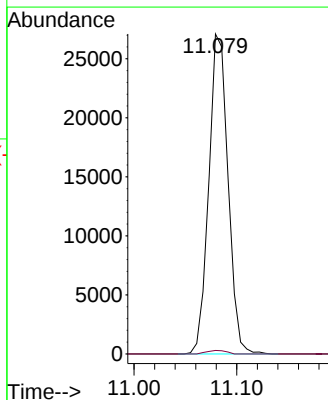
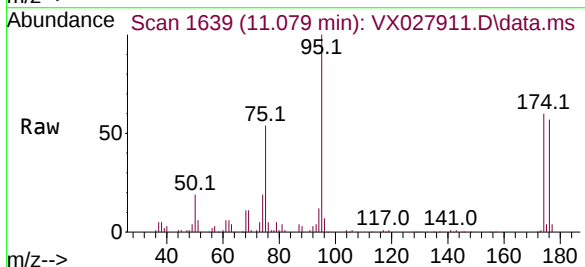
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-13

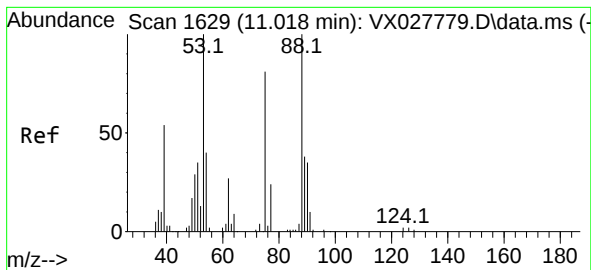
Tgt Ion:152 Resp: 54530
 Ion Ratio Lower Upper
 152 100
 115 66.6 37.5 112.7
 150 159.1 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 27.525 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX027911.D
 Acq: 02 Apr 2022 03:35

Tgt Ion: 75 Resp: 35209
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.462 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX027911.D
 Acq: 02 Apr 2022 03:35

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-13

Tgt Ion: 75 Resp: 35209
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

