

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033122\
 Data File : VX027869.D
 Acq On : 01 Apr 2022 00:26
 Operator : JC/MD
 Sample : N2074-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

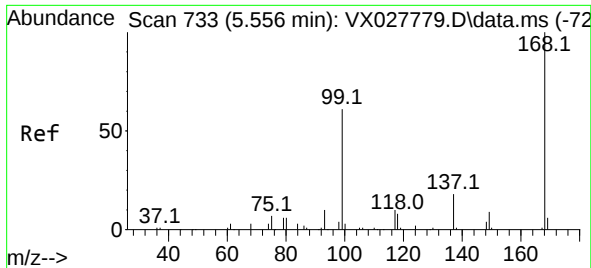
Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-MW01D2-20220320

Quant Time: Apr 01 05:08:12 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	78828	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	138144	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	123691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	52865	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63879	62.805	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 125.620%	
35) Dibromofluoromethane	5.391	113	47169	52.899	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 105.800%	
50) Toluene-d8	8.653	98	164830	52.538	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 105.080%	
62) 4-Bromofluorobenzene	11.085	95	64281	48.213	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 96.420%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	123	0.421	ug/l	# 79
6) Chloroethane	1.660	64	216	0.495	ug/l	# 43
10) Methyl Iodide	2.453	142	464	0.541	ug/l	# 79
11) Tert butyl alcohol	2.940	59	807	4.131	ug/l	# 72
14) Allyl chloride	2.538	41	361	0.290	ug/l	# 55
16) Acetone	2.379	43	924	2.053	ug/l	# 79
20) Methylene Chloride	2.788	84	281	0.347	ug/l	# 88
31) Cyclohexane	5.550	56	1901	1.691	ug/l	# 6
36) 1,1-Dichloropropene	5.556	75	7000	6.233	ug/l	# 49
38) Carbon Tetrachloride	5.556	117	8888	7.163	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.653	43	832	0.538	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	35535	28.654	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	35535	83.621	ug/l	# 15
94) Hexachlorobutadiene	13.719	225	125	1.074	ug/l	# 16

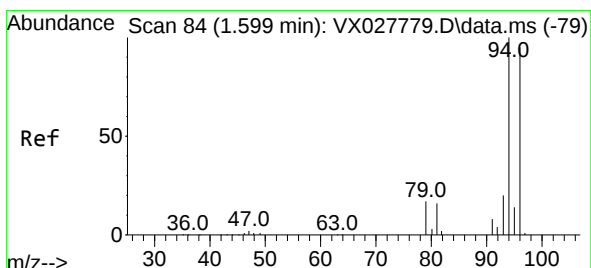
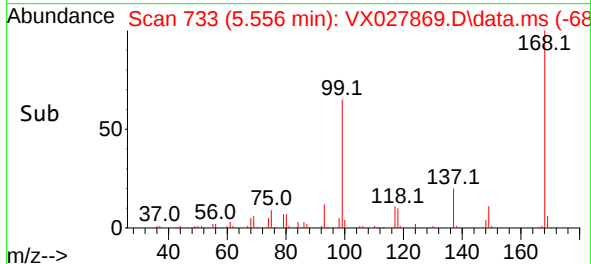
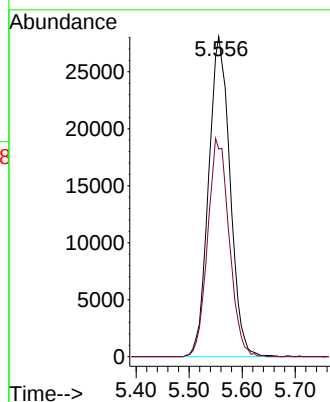
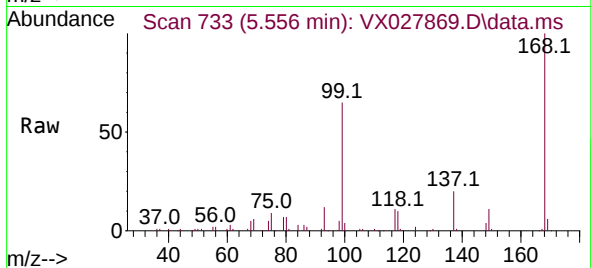
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027869.D
Acq: 01 Apr 2022 00:26

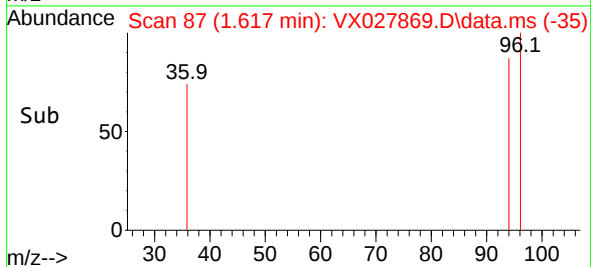
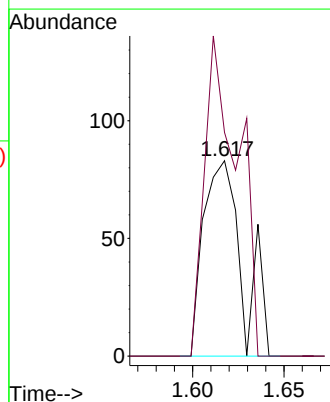
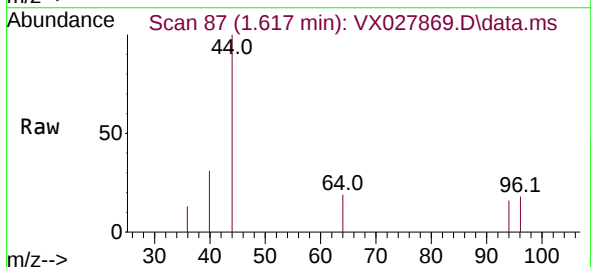
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D2-20220320

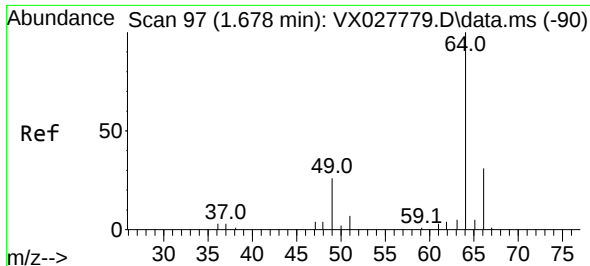
Tgt Ion:168 Resp: 78828
Ion Ratio Lower Upper
168 100
99 64.9 41.7 62.5#



#5
Bromomethane
Concen: 0.421 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX027869.D
Acq: 01 Apr 2022 00:26

Tgt Ion: 94 Resp: 123
Ion Ratio Lower Upper
94 100
96 114.5 75.3 112.9#

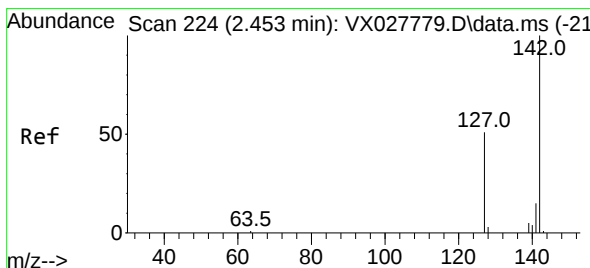
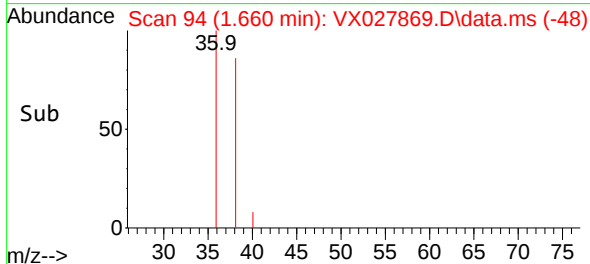
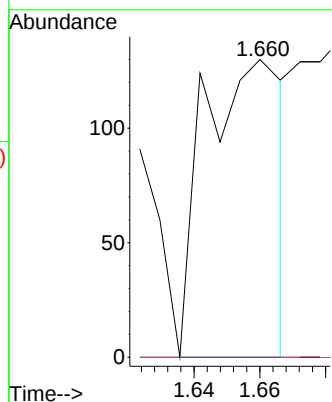
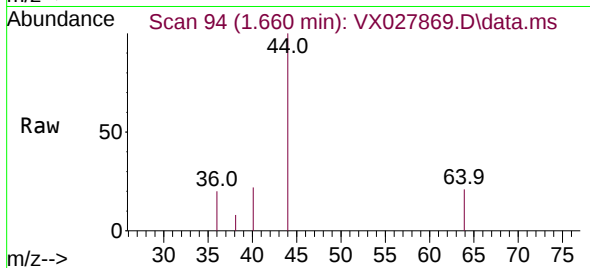




#6
Chloroethane
Concen: 0.495 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.018 min
Lab File: VX027869.D
Acq: 01 Apr 2022 00:26

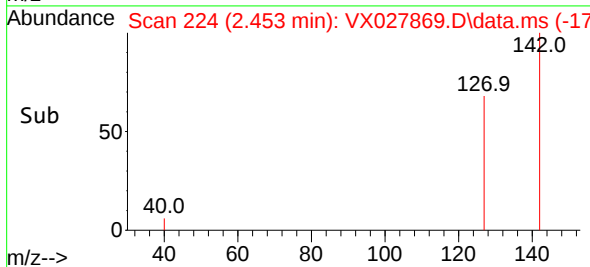
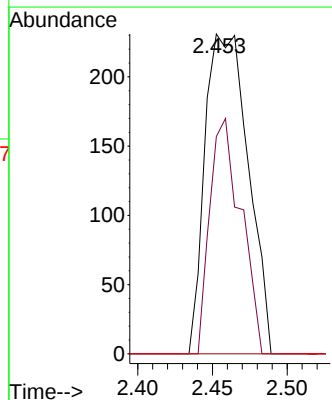
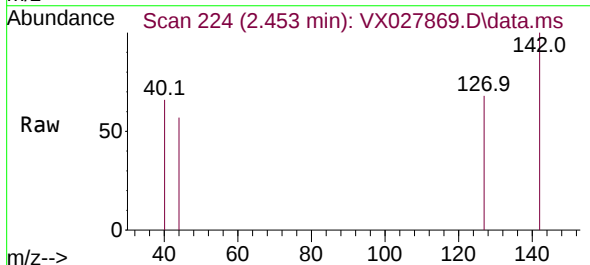
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D2-20220320

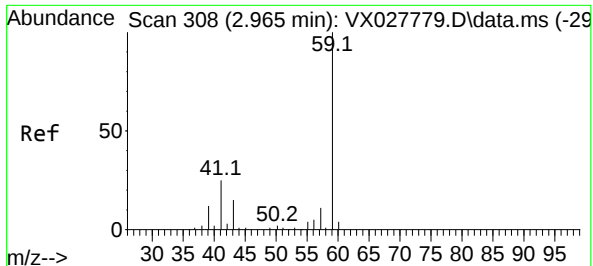
Tgt Ion: 64 Resp: 216
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 0.541 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX027869.D
Acq: 01 Apr 2022 00:26

Tgt Ion: 142 Resp: 464
Ion Ratio Lower Upper
142 100
127 53.0 33.9 50.9#
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: 4.131 ug/l

RT: 2.940 min Scan# 308

Delta R.T. -0.025 min

Lab File: VX027869.D

Acq: 01 Apr 2022 00:26

Instrument :

MSVOA_X

ClientSampleId :

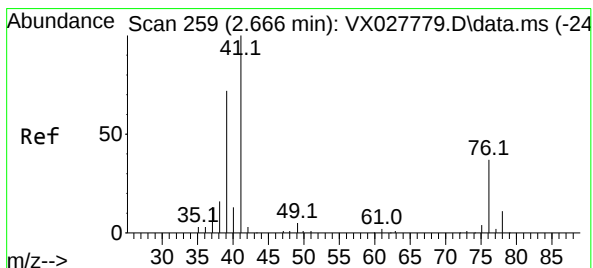
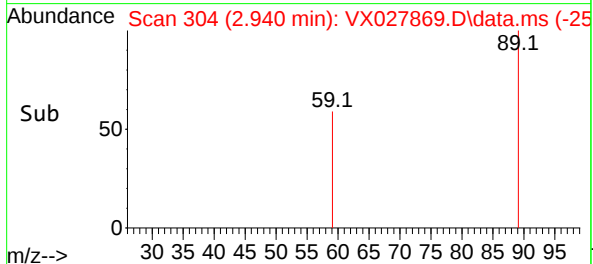
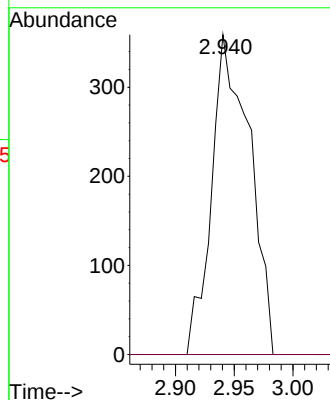
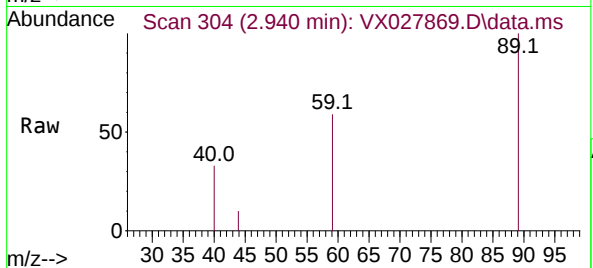
RW8-MW01D2-20220320

Tgt Ion: 59 Resp: 807

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#14

Allyl chloride

Concen: 0.290 ug/l

RT: 2.538 min Scan# 238

Delta R.T. -0.128 min

Lab File: VX027869.D

Acq: 01 Apr 2022 00:26

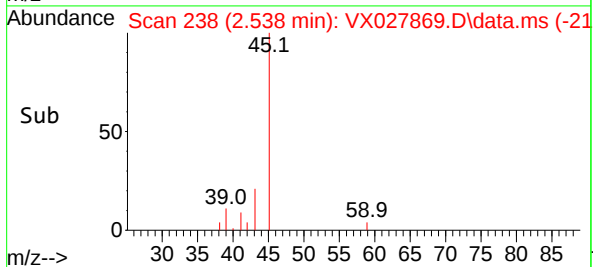
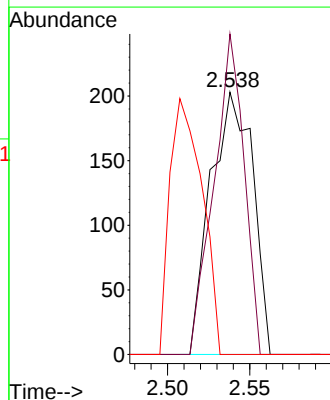
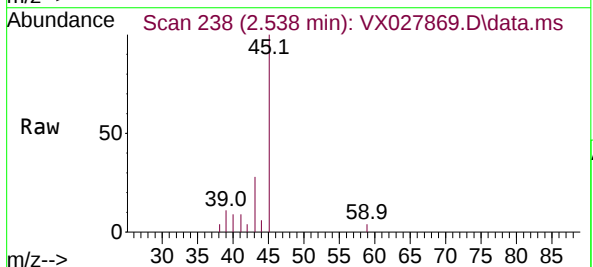
Tgt Ion: 41 Resp: 361

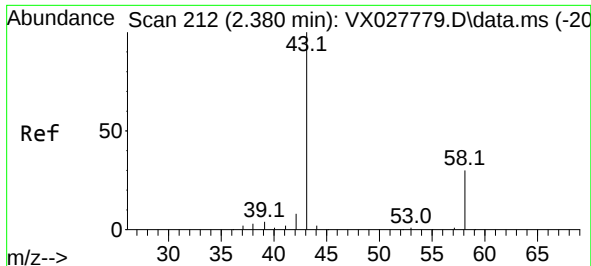
Ion Ratio Lower Upper

41 100

39 87.5 50.4 75.6#

76 0.0 32.7 49.1#

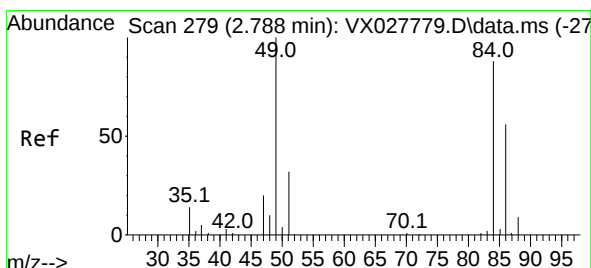
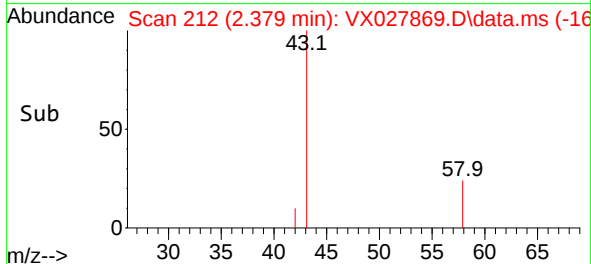
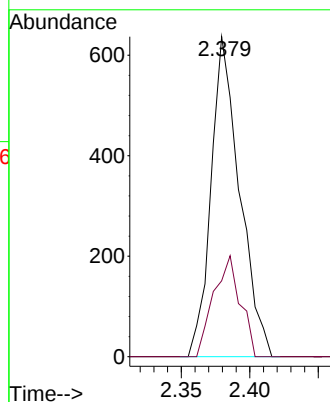
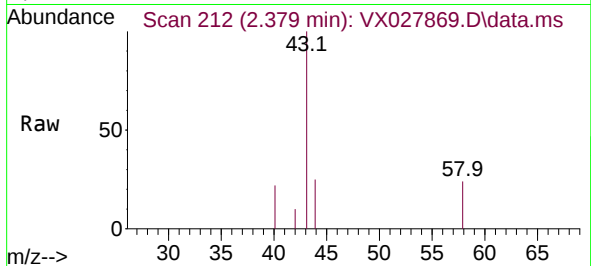




#16
Acetone
Concen: 2.053 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX027869.D
Acq: 01 Apr 2022 00:26

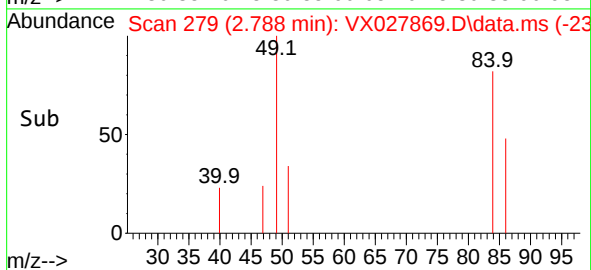
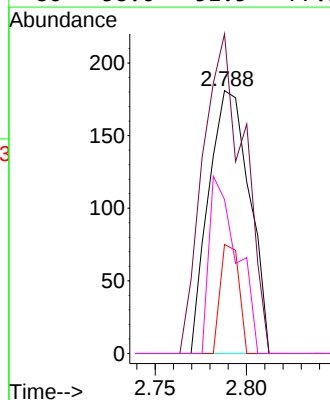
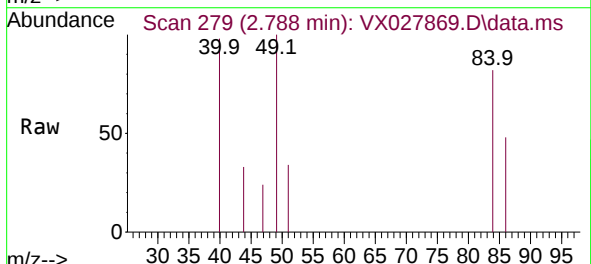
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D2-20220320

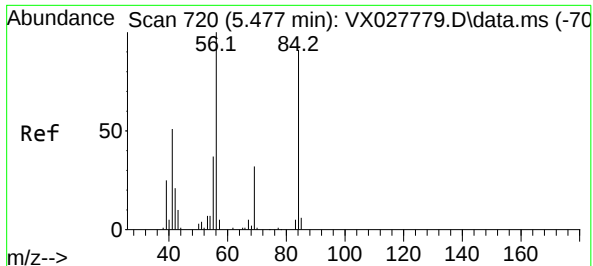
Tgt Ion: 43 Resp: 924
Ion Ratio Lower Upper
43 100
58 23.7 28.8 43.2#



#20
Methylene Chloride
Concen: 0.347 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX027869.D
Acq: 01 Apr 2022 00:26

Tgt Ion: 84 Resp: 281
Ion Ratio Lower Upper
84 100
49 121.5 85.5 128.3
51 41.4 26.6 39.8#
86 58.6 51.5 77.3

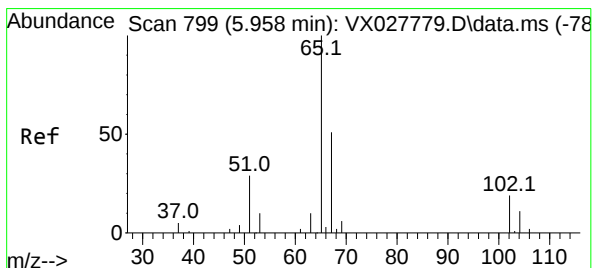
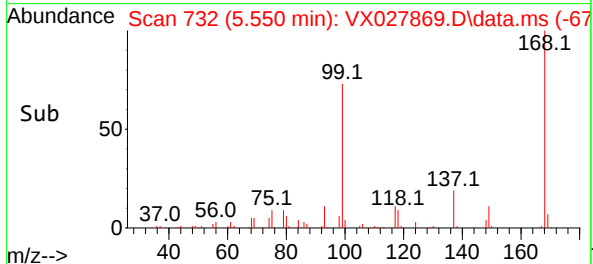
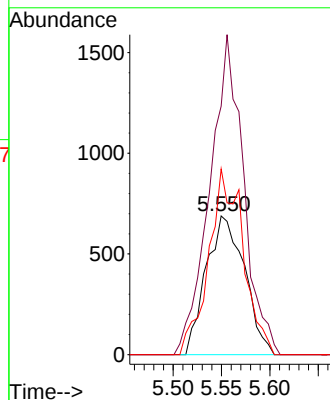
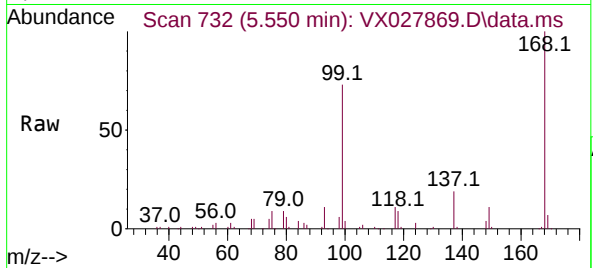




#31
Cyclohexane
Concen: 1.691 ug/l
RT: 5.550 min Scan# 712
Delta R.T. 0.073 min
Lab File: VX027869.D
Acq: 01 Apr 2022 00:26

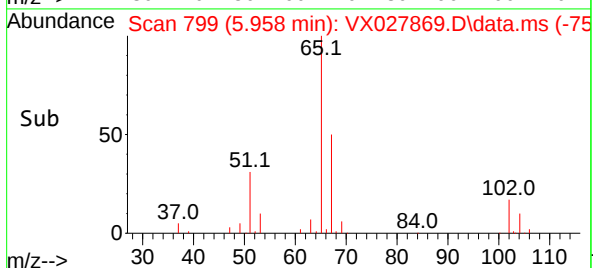
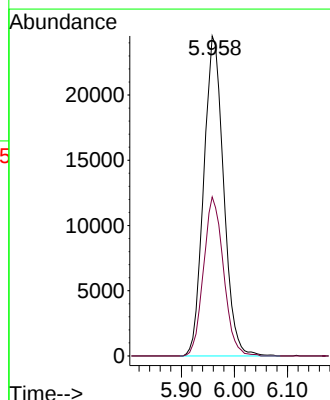
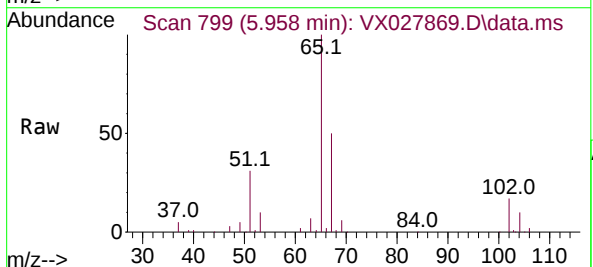
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D2-20220320

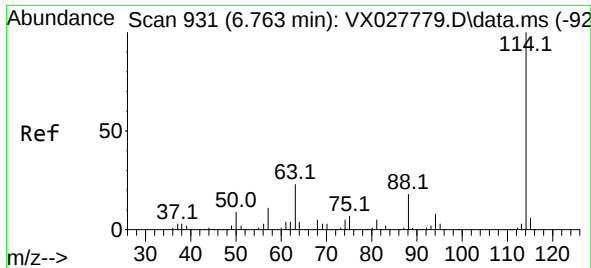
Tgt Ion: 56 Resp: 1901
Ion Ratio Lower Upper
56 100
69 179.1 26.7 40.1#
84 133.8 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 62.805 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027869.D
Acq: 01 Apr 2022 00:26

Tgt Ion: 65 Resp: 63879
Ion Ratio Lower Upper
65 100
67 49.9 0.0 107.4

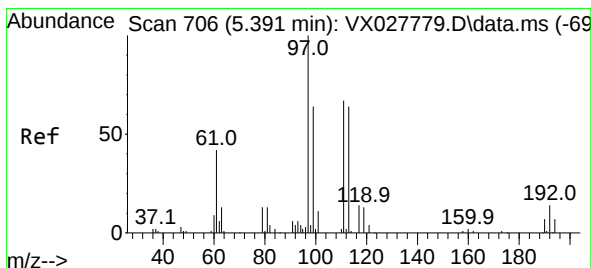
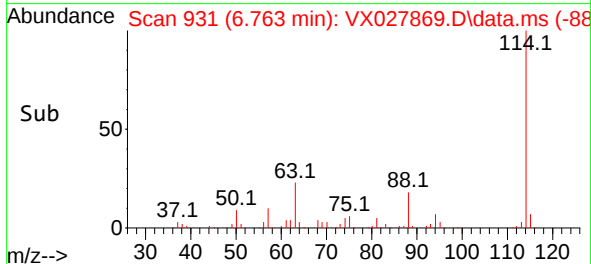
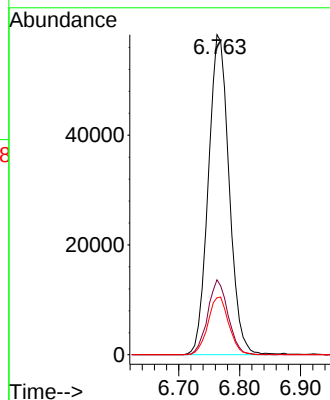
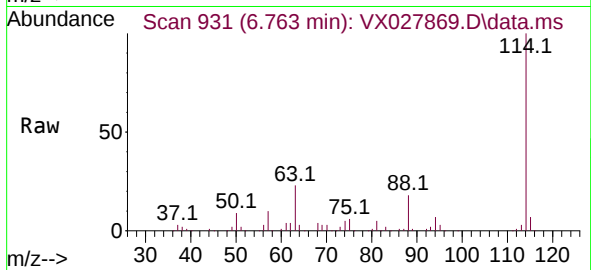




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX027869.D
Acq: 01 Apr 2022 00:26

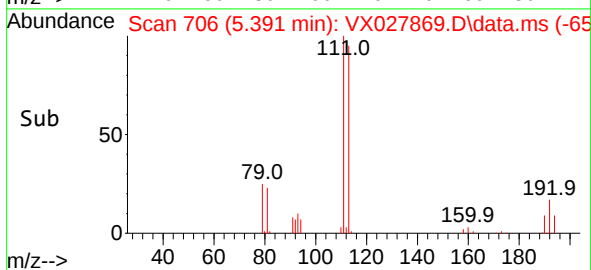
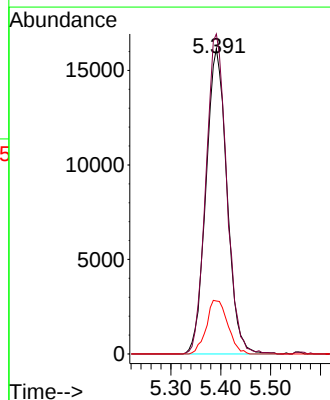
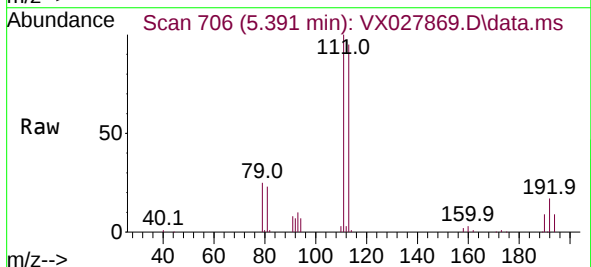
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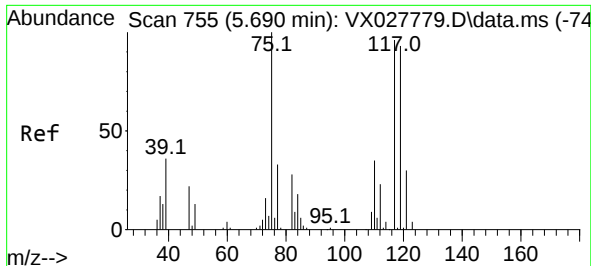
Tgt Ion:114 Resp: 138144
Ion Ratio Lower Upper
114 100
63 23.4 0.0 36.8
88 17.8 0.0 32.4



#35
Dibromofluoromethane
Concen: 52.899 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027869.D
Acq: 01 Apr 2022 00:26

Tgt Ion:113 Resp: 47169
Ion Ratio Lower Upper
113 100
111 103.9 82.8 124.2
192 17.9 16.9 25.3





#36

1,1-Dichloropropene

Concen: 6.233 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX027869.D

Acq: 01 Apr 2022 00:26

Instrument :

MSVOA_X

ClientSampleId :

RW8-MW01D2-20220320

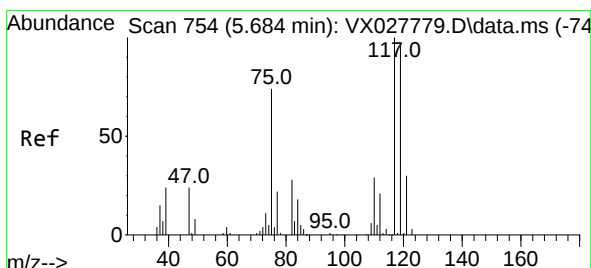
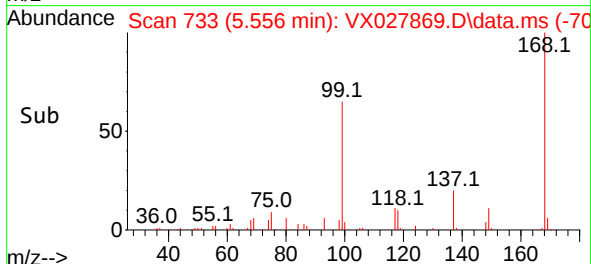
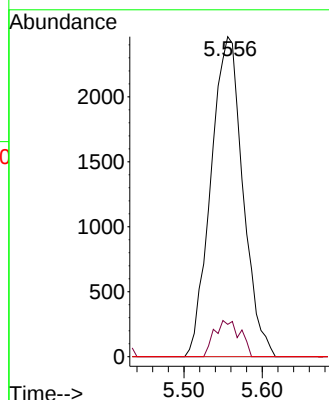
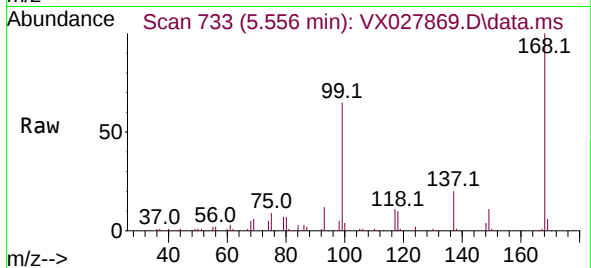
Tgt Ion: 75 Resp: 7000

Ion Ratio Lower Upper

75 100

110 9.1 18.3 54.8#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 7.163 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX027869.D

Acq: 01 Apr 2022 00:26

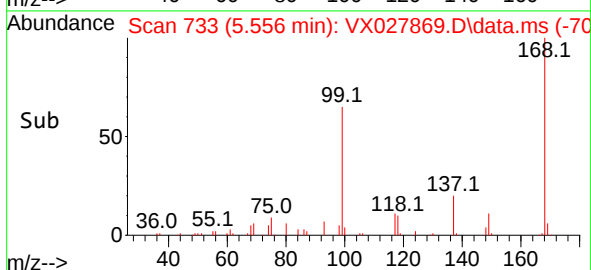
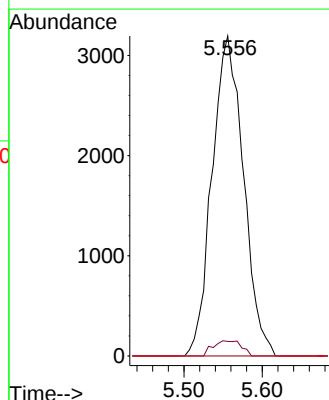
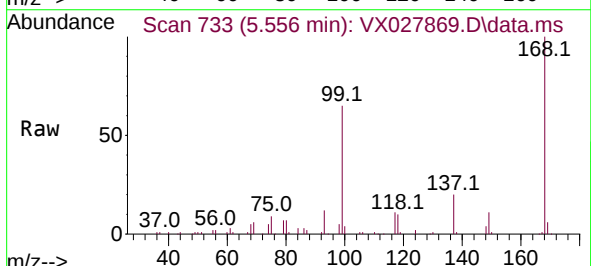
Tgt Ion: 117 Resp: 8888

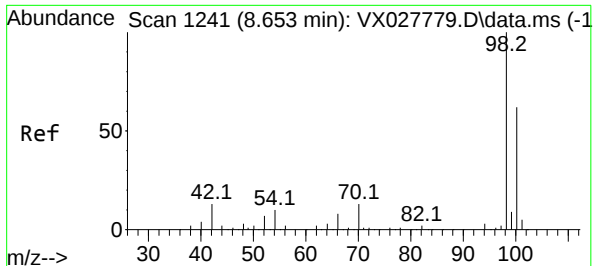
Ion Ratio Lower Upper

117 100

119 4.5 77.3 115.9#

121 0.0 24.2 36.2#

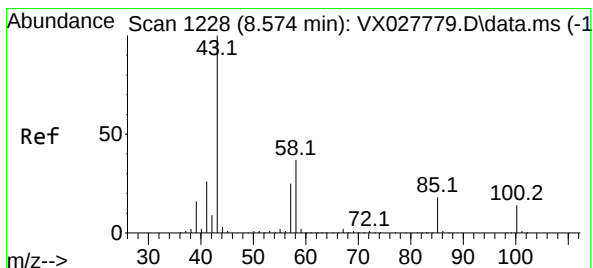
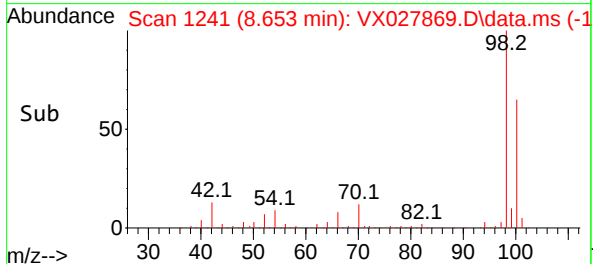
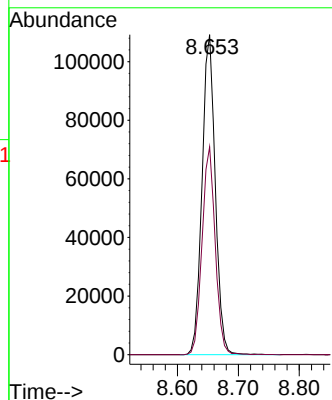
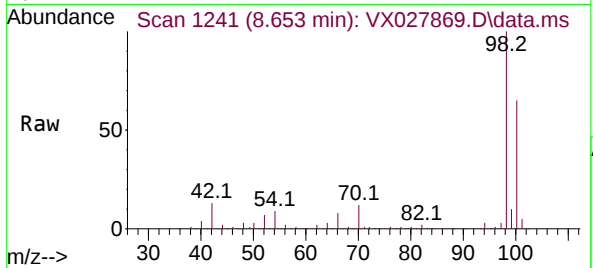




#50
Toluene-d8
Concen: 52.538 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027869.D
Acq: 01 Apr 2022 00:26

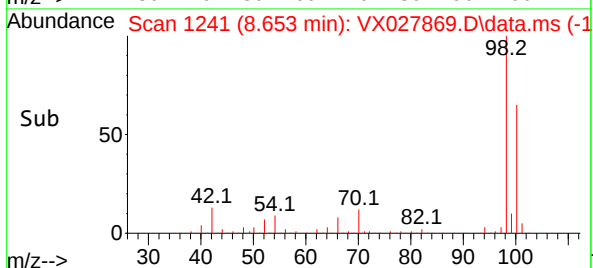
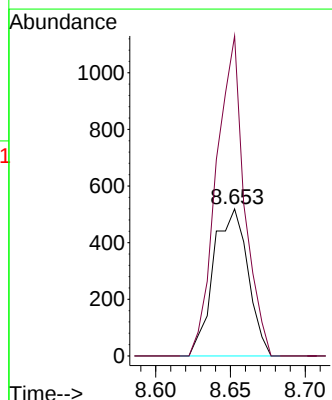
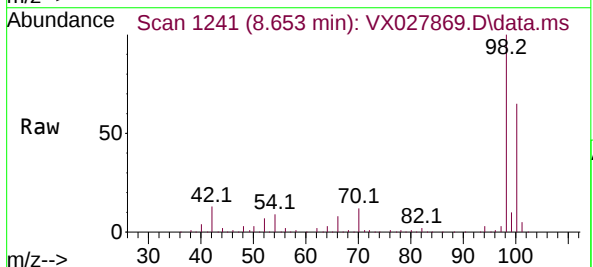
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D2-20220320

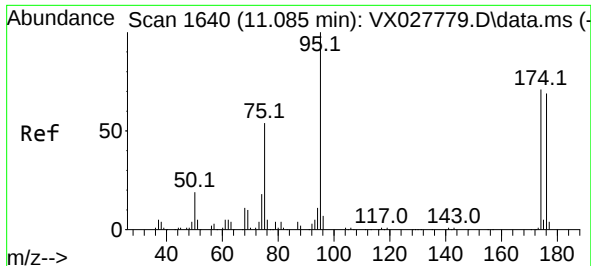
Tgt Ion: 98 Resp: 164830
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.538 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX027869.D
Acq: 01 Apr 2022 00:26

Tgt Ion: 43 Resp: 832
Ion Ratio Lower Upper
43 100
58 178.0 36.1 54.1#





#62

4-Bromofluorobenzene

Concen: 48.213 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX027869.D

Acq: 01 Apr 2022 00:26

Instrument :

MSVOA_X

ClientSampleId :

RW8-MW01D2-20220320

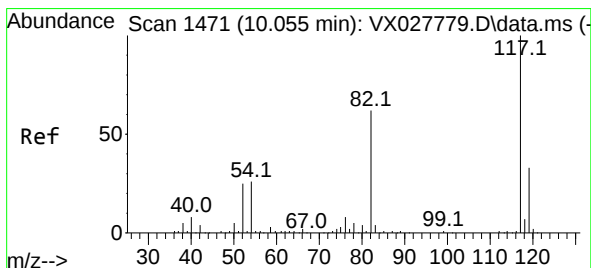
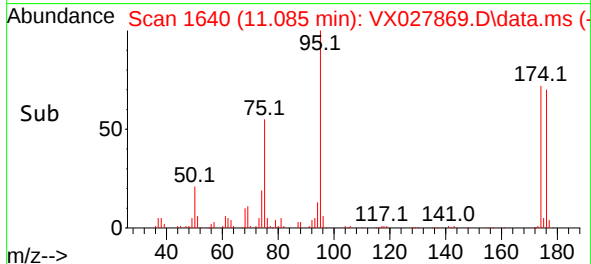
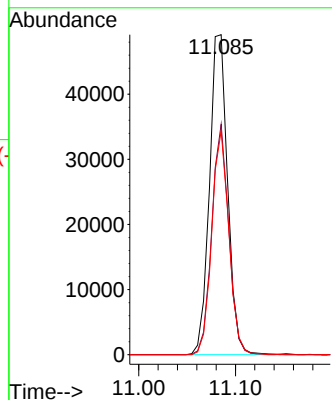
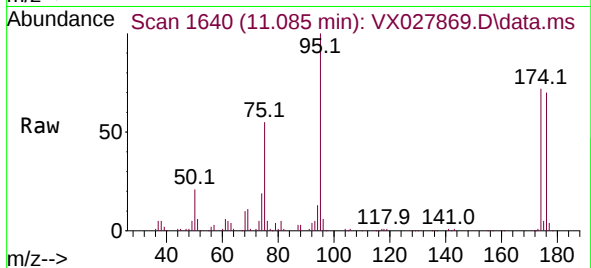
Tgt Ion: 95 Resp: 64281

Ion Ratio Lower Upper

95 100

174 67.3 0.0 163.0

176 65.6 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: VX027869.D

Acq: 01 Apr 2022 00:26

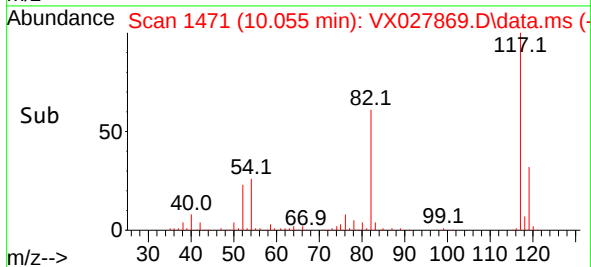
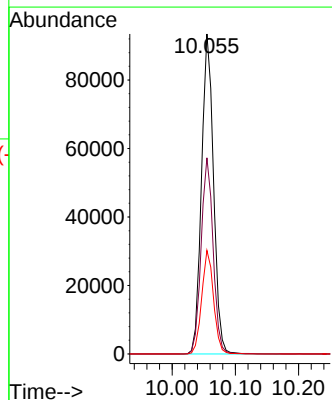
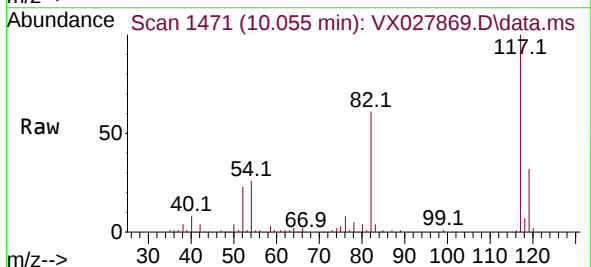
Tgt Ion: 117 Resp: 123691

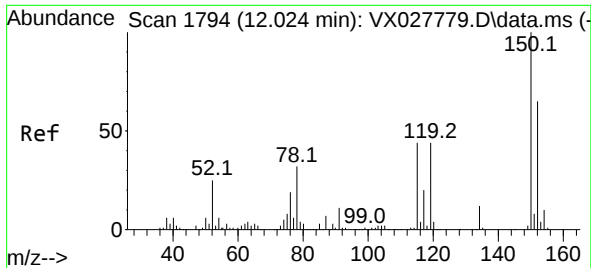
Ion Ratio Lower Upper

117 100

82 61.3 41.8 62.8

119 32.4 24.8 37.2

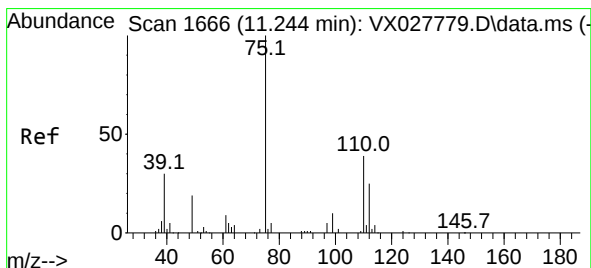
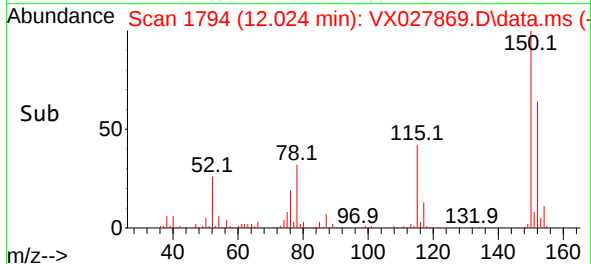
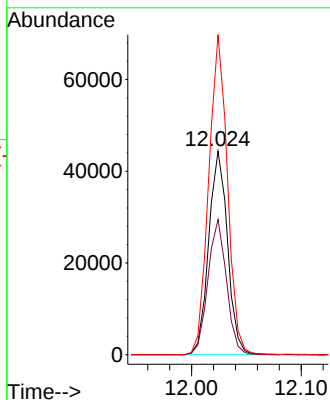
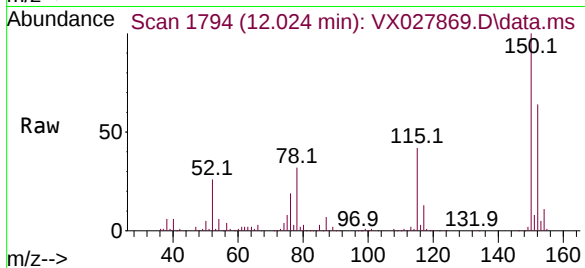




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX027869.D
 Acq: 01 Apr 2022 00:26

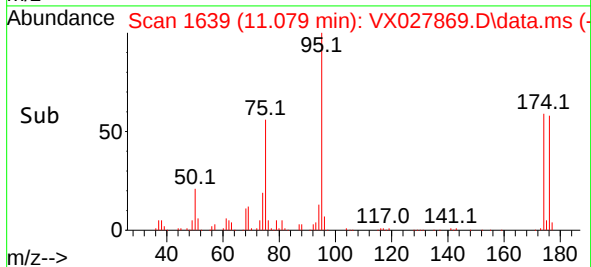
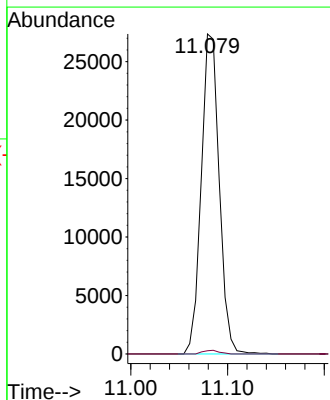
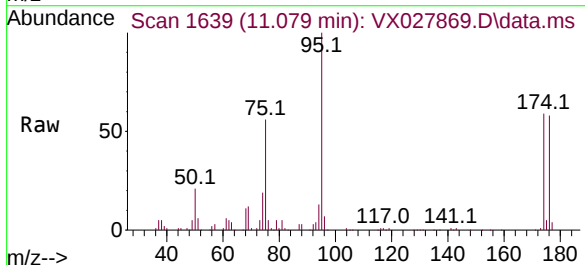
Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-MW01D2-20220320

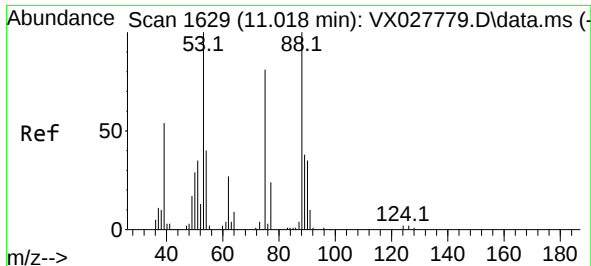
Tgt Ion:152 Resp: 52865
 Ion Ratio Lower Upper
 152 100
 115 65.5 37.5 112.7
 150 156.0 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 28.654 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX027869.D
 Acq: 01 Apr 2022 00:26

Tgt Ion: 75 Resp: 35535
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.4 58.2#

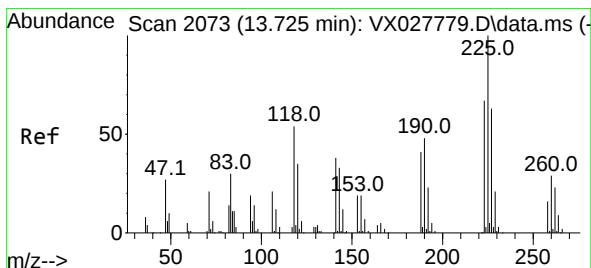
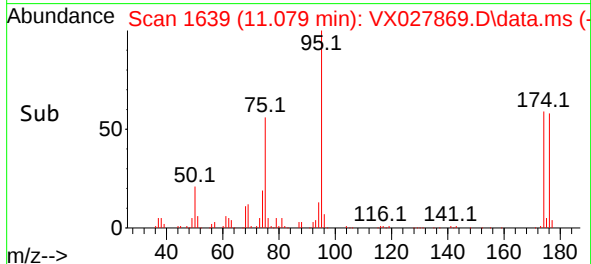
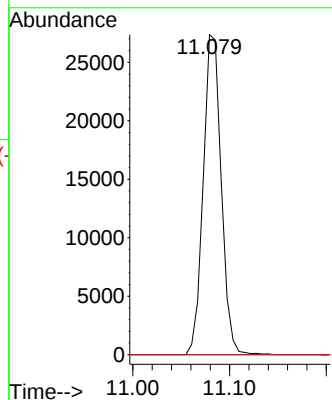
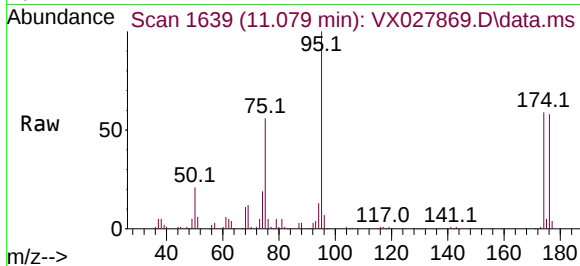




#81
trans-1,4-Dichloro-2-butene
Concen: 83.621 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027869.D
Acq: 01 Apr 2022 00:26

Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D2-20220320

Tgt Ion: 75 Resp: 35535
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#94
Hexachlorobutadiene
Concen: 1.074 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX027869.D
Acq: 01 Apr 2022 00:26

Tgt Ion: 225 Resp: 125
Ion Ratio Lower Upper
225 100
223 0.0 34.2 102.5#
227 0.0 33.9 101.7#

