

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040122\
 Data File : VX027878.D
 Acq On : 01 Apr 2022 14:03
 Operator : JC/MD
 Sample : N2074-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-MW01D1-20220320

Quant Time: Apr 02 05:06:36 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)

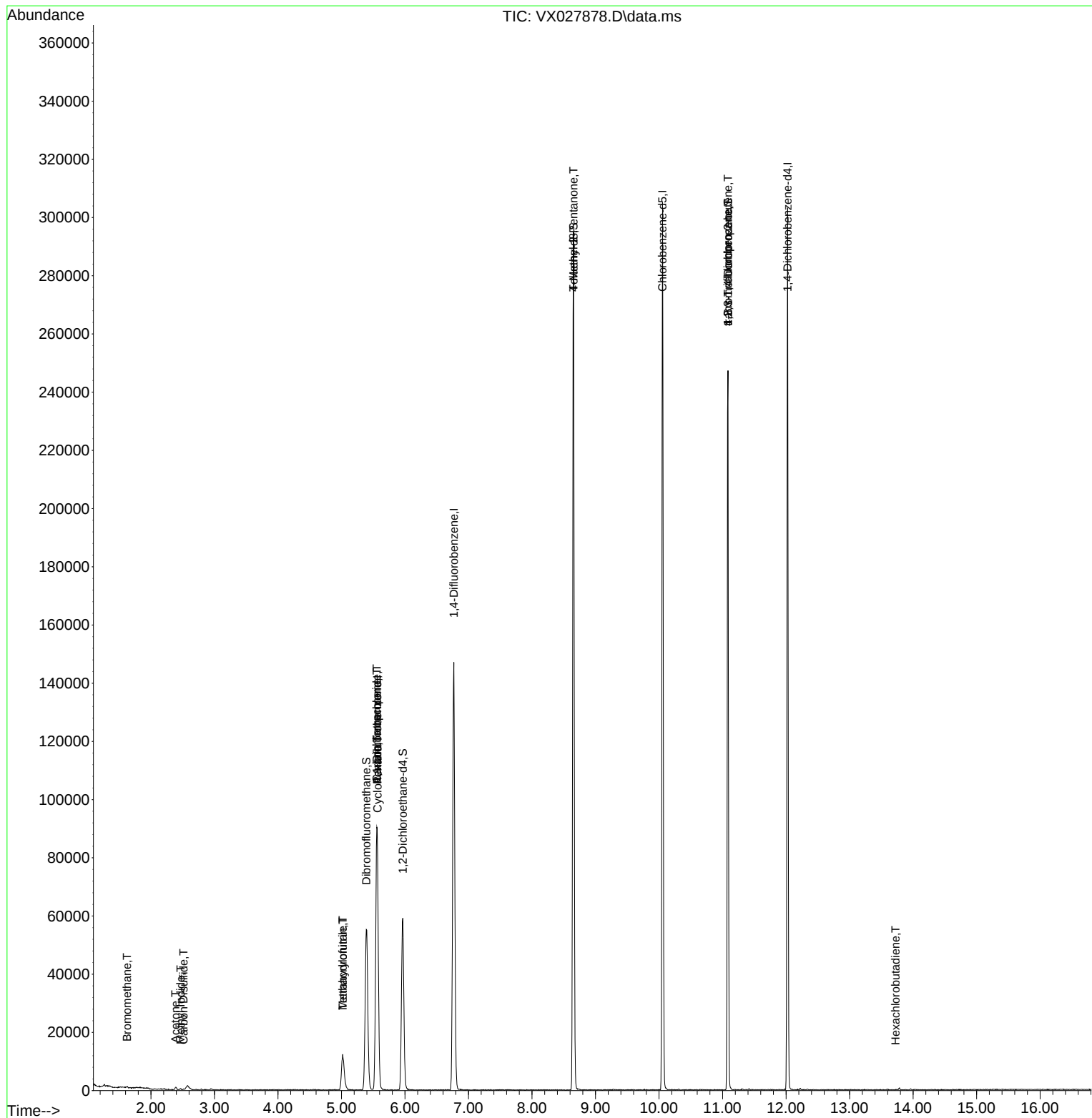
Internal Standards						
1) Pentafluorobenzene	5.562	168	84565	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	144899	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55443	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	58621	53.725	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 107.460%	
35) Dibromofluoromethane	5.391	113	48165	51.498	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.000%	
50) Toluene-d8	8.653	98	169722	51.575	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 103.160%	
62) 4-Bromofluorobenzene	11.085	95	66395	47.477	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 94.960%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.623	94	164	0.524	ug/l	95
10) Methyl Iodide	2.465	142	391	0.425	ug/l	# 85
16) Acetone	2.385	43	1126	2.332	ug/l	# 78
17) Carbon Disulfide	2.513	76	348	0.234	ug/l	# 75
29) Tetrahydrofuran	5.019	42	11196	24.806	ug/l	# 85
31) Cyclohexane	5.568	56	1839	1.525	ug/l	# 30
36) 1,1-Dichloropropene	5.556	75	6664	5.657	ug/l	# 49
38) Carbon Tetrachloride	5.556	117	8919	6.853	ug/l	# 16
41) Methacrylonitrile	5.019	41	6819	8.779	ug/l	# 40
51) 4-Methyl-2-Pentanone	8.653	43	735	0.453	ug/l	# 1
76) 1,2,3-Trichloropropane	11.085	75	37071	28.503	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	37071	83.197	ug/l	# 15
94) Hexachlorobutadiene	13.725	225	59	0.931	ug/l	# 16

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

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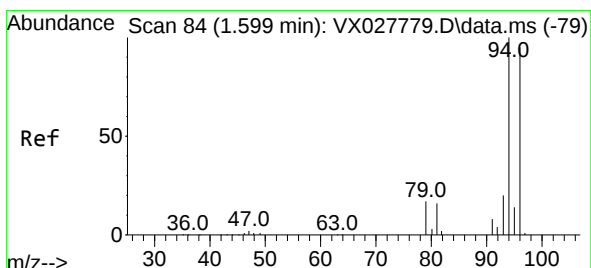
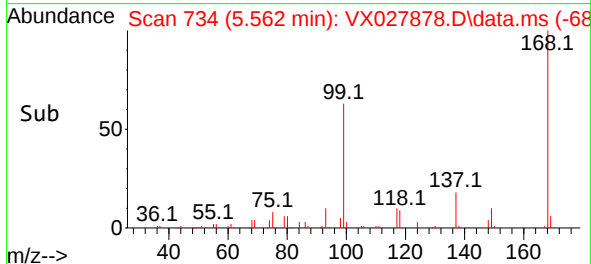
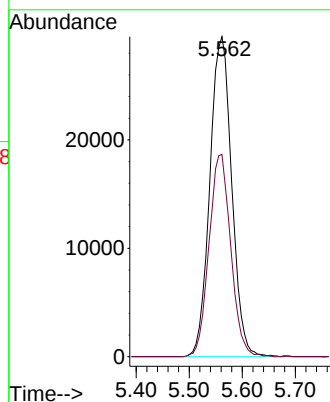
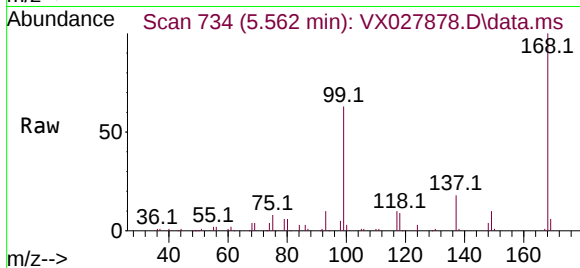




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX027878.D
Acq: 01 Apr 2022 14:03

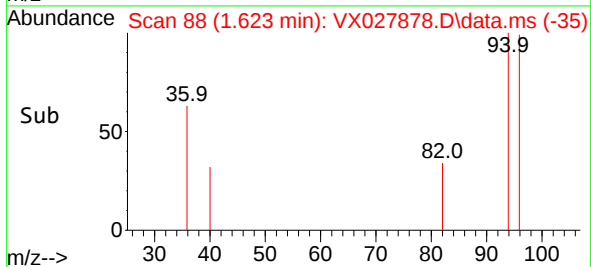
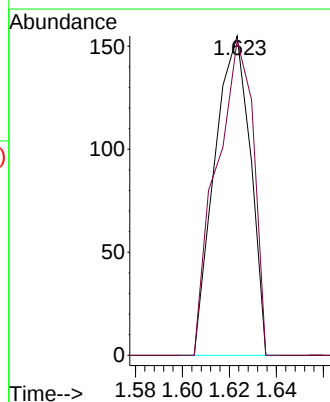
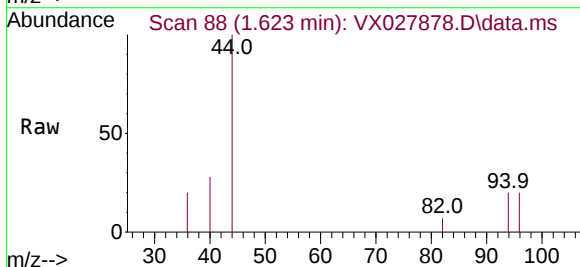
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D1-20220320

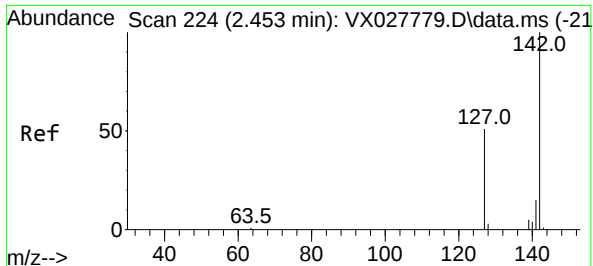
Tgt Ion:168 Resp: 84565
Ion Ratio Lower Upper
168 100
99 63.2 41.7 62.5#



#5
Bromomethane
Concen: 0.524 ug/l
RT: 1.623 min Scan# 88
Delta R.T. 0.024 min
Lab File: VX027878.D
Acq: 01 Apr 2022 14:03

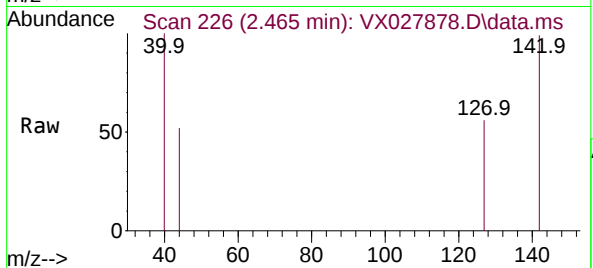
Tgt Ion: 94 Resp: 164
Ion Ratio Lower Upper
94 100
96 98.7 75.3 112.9



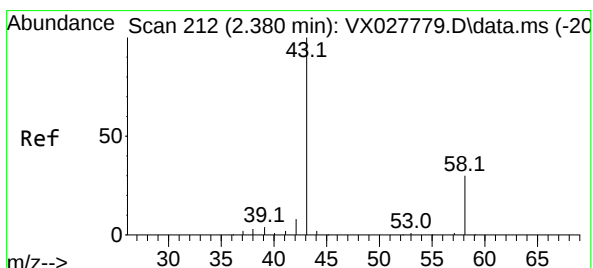
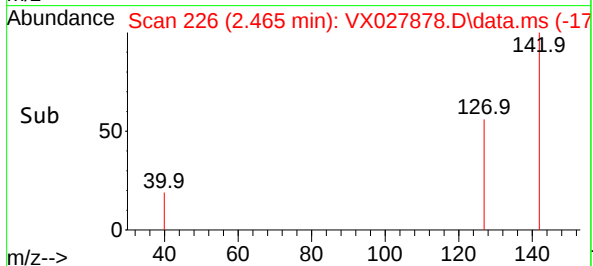
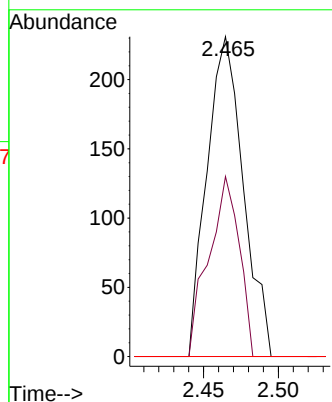


#10
Methyl Iodide
Concen: 0.425 ug/l
RT: 2.465 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX027878.D
Acq: 01 Apr 2022 14:03

Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D1-20220320

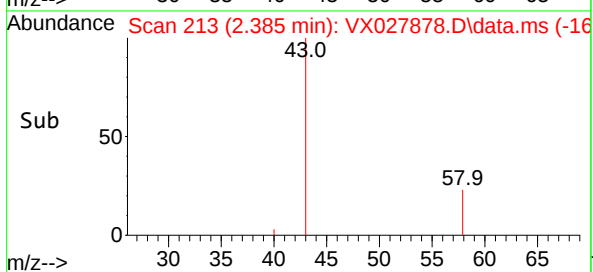
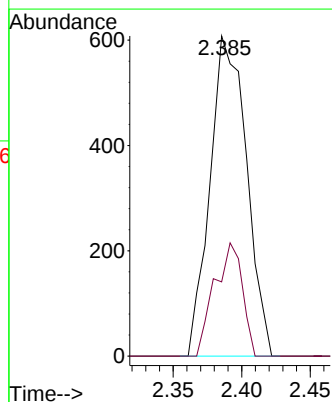
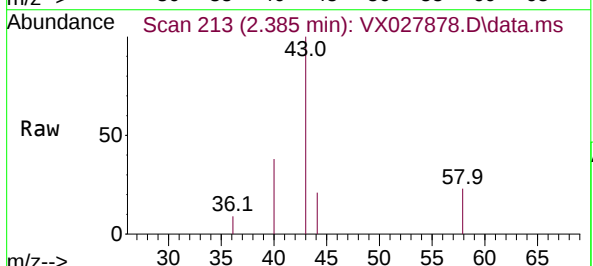


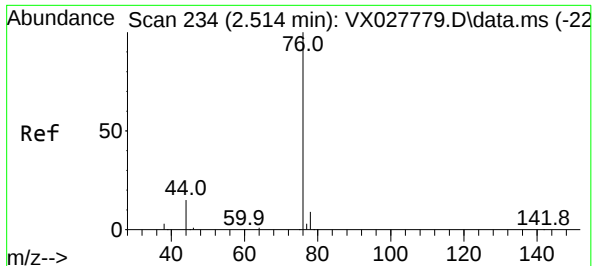
Tgt Ion:142 Resp: 391
Ion Ratio Lower Upper
142 100
127 47.3 33.9 50.9
141 0.0 11.4 17.2#



#16
Acetone
Concen: 2.332 ug/l
RT: 2.385 min Scan# 213
Delta R.T. 0.005 min
Lab File: VX027878.D
Acq: 01 Apr 2022 14:03

Tgt Ion: 43 Resp: 1126
Ion Ratio Lower Upper
43 100
58 23.2 28.8 43.2#





#17

Carbon Disulfide

Concen: 0.234 ug/l

RT: 2.513 min Scan# 21

Delta R.T. -0.001 min

Lab File: VX027878.D

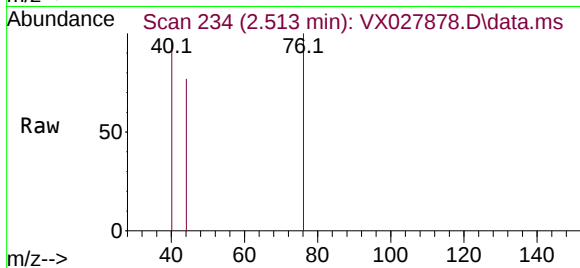
Acq: 01 Apr 2022 14:03

Instrument :

MSVOA_X

ClientSampleId :

RW8-MW01D1-20220320

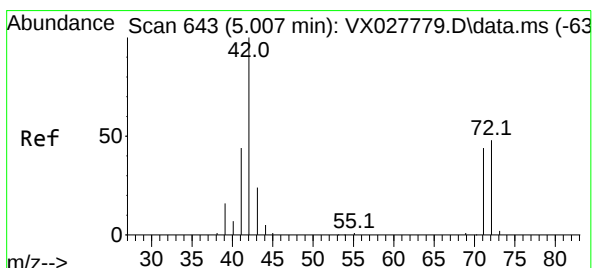
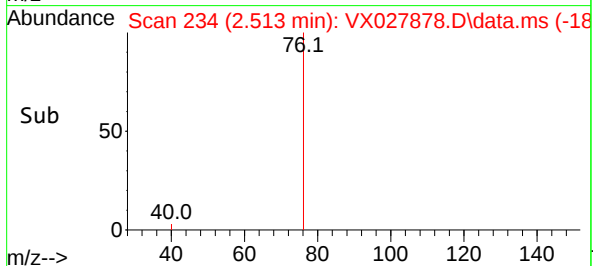
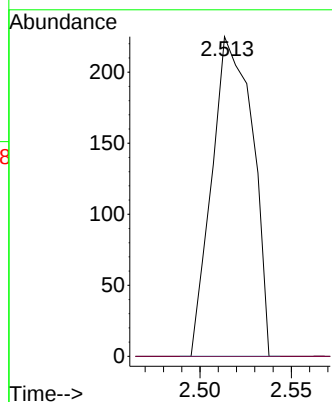


Tgt Ion: 76 Resp: 348

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



#29

Tetrahydrofuran

Concen: 24.806 ug/l

RT: 5.019 min Scan# 645

Delta R.T. 0.012 min

Lab File: VX027878.D

Acq: 01 Apr 2022 14:03

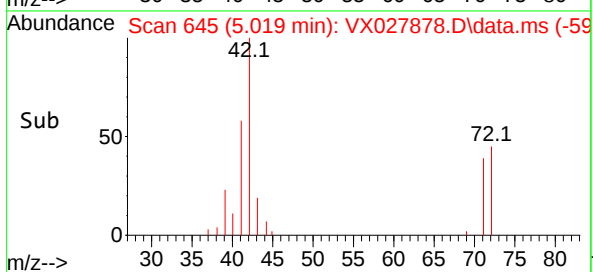
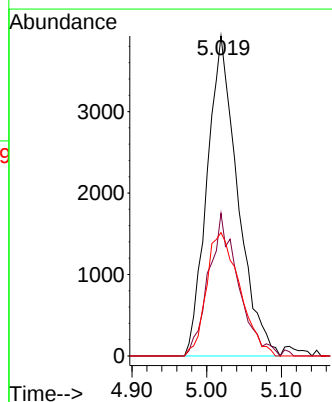
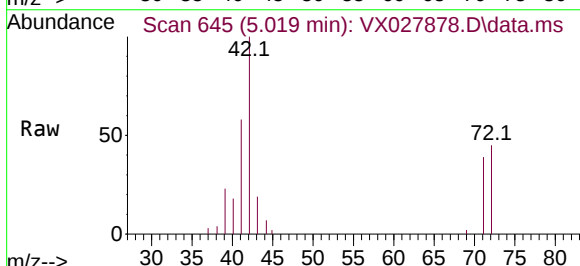
Tgt Ion: 42 Resp: 11196

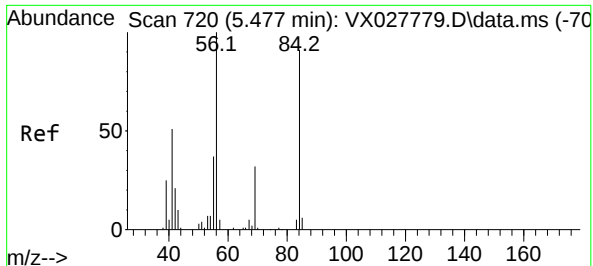
Ion Ratio Lower Upper

42 100

72 43.1 44.1 66.1#

71 42.0 40.5 60.7

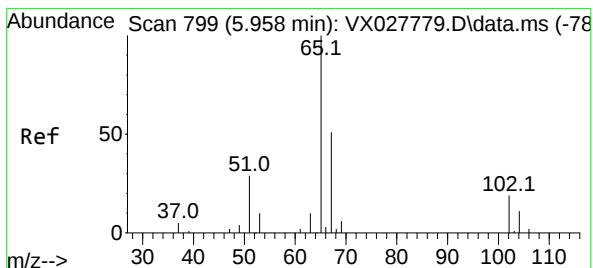
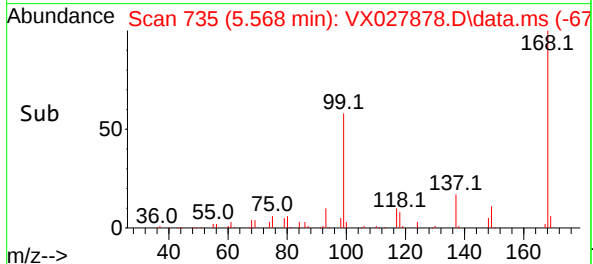
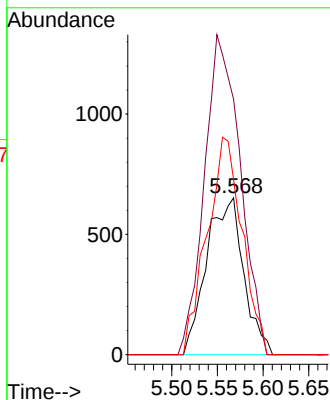
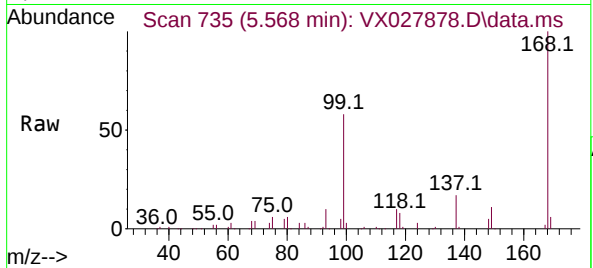




#31
Cyclohexane
Concen: 1.525 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.091 min
Lab File: VX027878.D
Acq: 01 Apr 2022 14:03

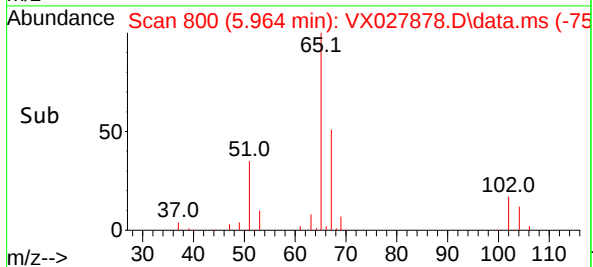
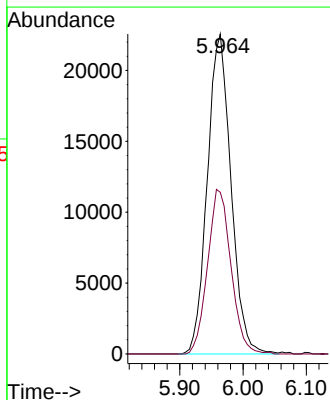
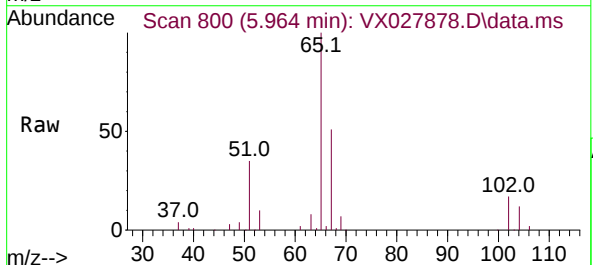
Instrument :
MSVOA_X
ClientSampleId :
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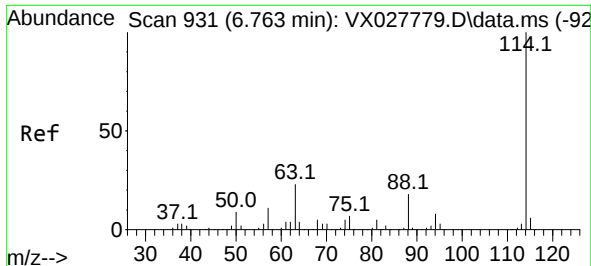
Tgt Ion: 56 Resp: 1839
Ion Ratio Lower Upper
56 100
69 162.9 26.7 40.1#
84 111.7 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 53.725 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX027878.D
Acq: 01 Apr 2022 14:03

Tgt Ion: 65 Resp: 58621
Ion Ratio Lower Upper
65 100
67 51.0 0.0 107.4

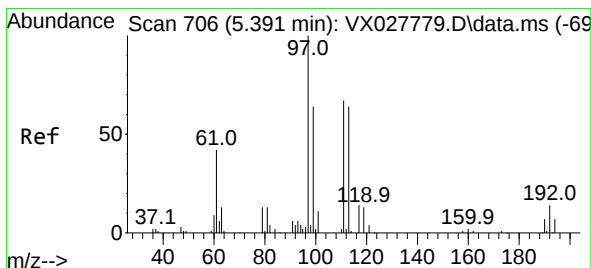
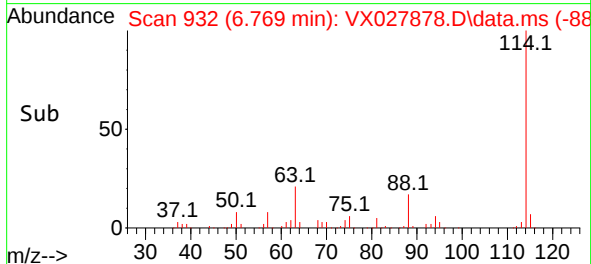
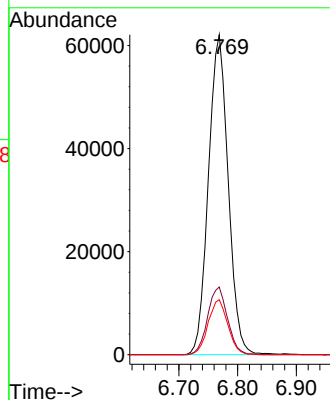
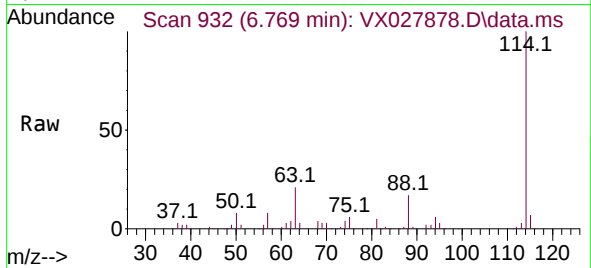




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX027878.D
Acq: 01 Apr 2022 14:03

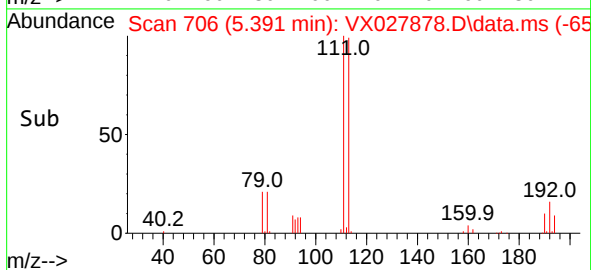
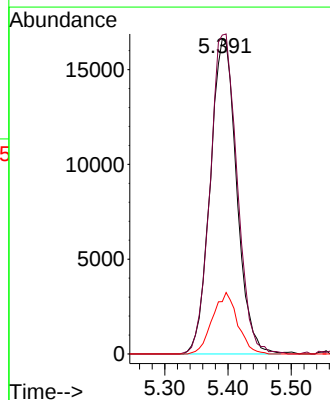
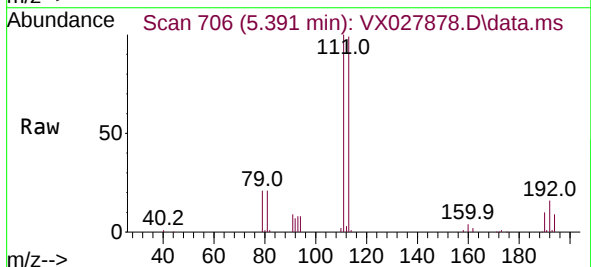
Instrument :
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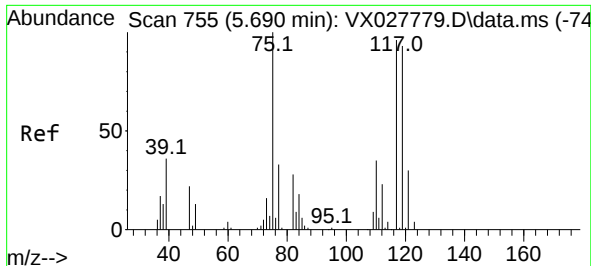
Tgt Ion:114 Resp: 144899
Ion Ratio Lower Upper
114 100
63 21.2 0.0 36.8
88 17.2 0.0 32.4



#35
Dibromofluoromethane
Concen: 51.498 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX027878.D
Acq: 01 Apr 2022 14:03

Tgt Ion:113 Resp: 48165
Ion Ratio Lower Upper
113 100
111 103.5 82.8 124.2
192 18.5 16.9 25.3





#36

1,1-Dichloropropene

Concen: 5.657 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX027878.D

Acq: 01 Apr 2022 14:03

Instrument :

MSVOA_X

ClientSampleId :

RW8-MW01D1-20220320

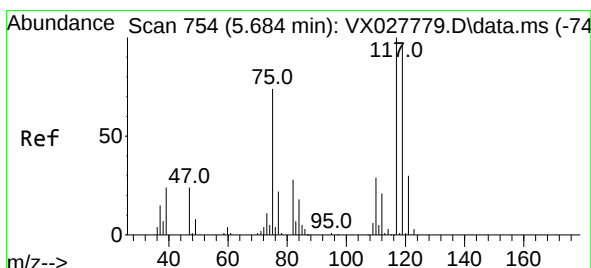
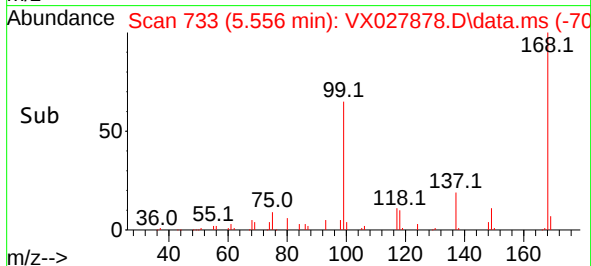
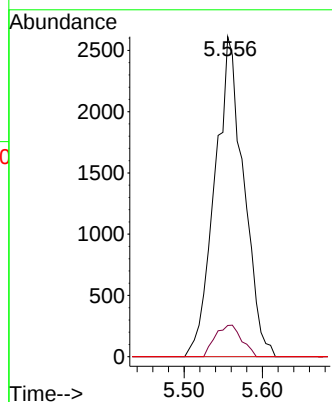
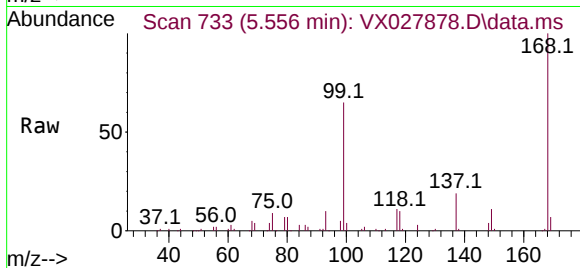
Tgt Ion: 75 Resp: 6664

Ion Ratio Lower Upper

75 100

110 9.0 18.3 54.8#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.853 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX027878.D

Acq: 01 Apr 2022 14:03

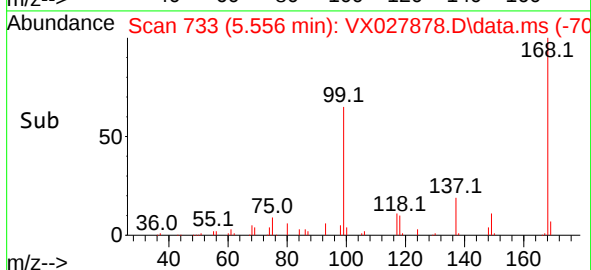
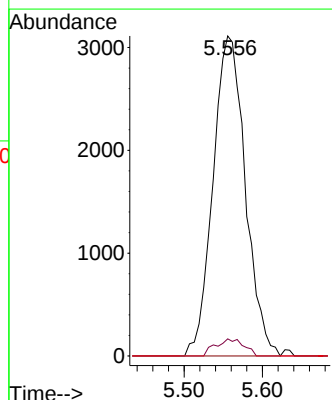
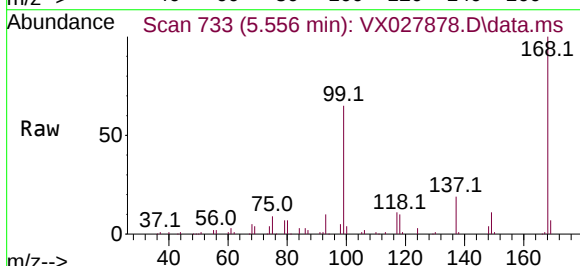
Tgt Ion: 117 Resp: 8919

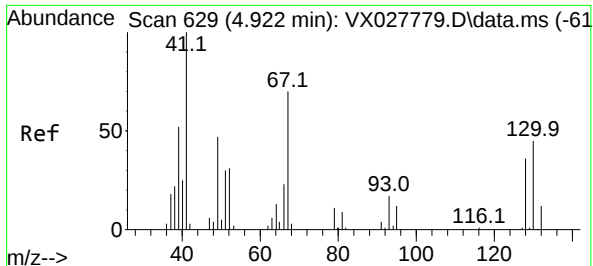
Ion Ratio Lower Upper

117 100

119 5.4 77.3 115.9#

121 0.0 24.2 36.2#

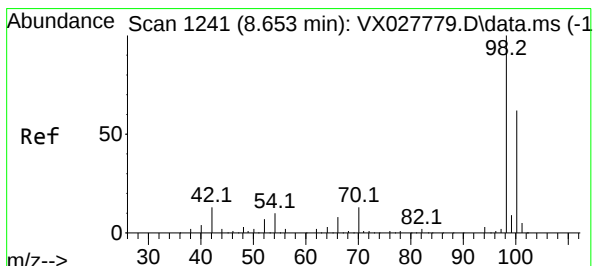
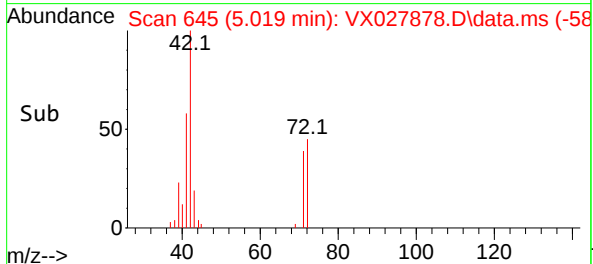
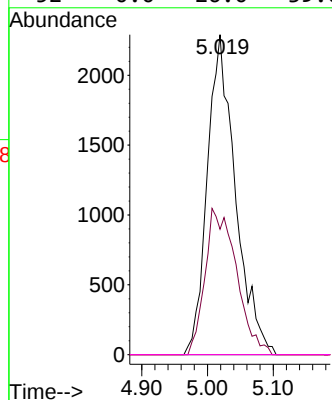
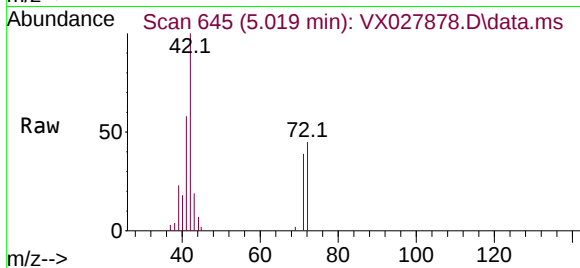




#41
Methacrylonitrile
Concen: 8.779 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.097 min
Lab File: VX027878.D
Acq: 01 Apr 2022 14:03

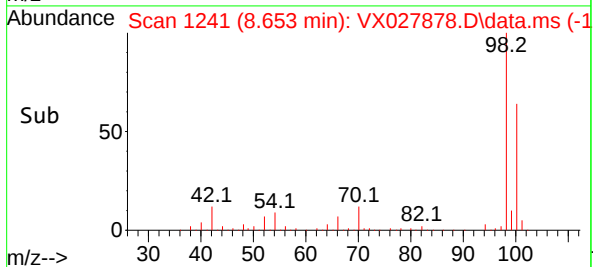
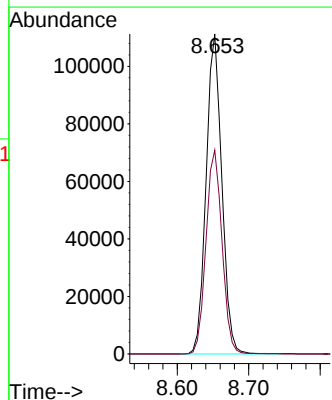
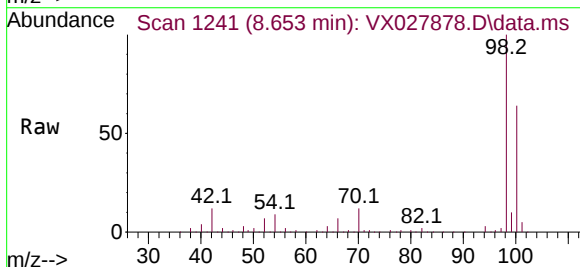
Instrument :
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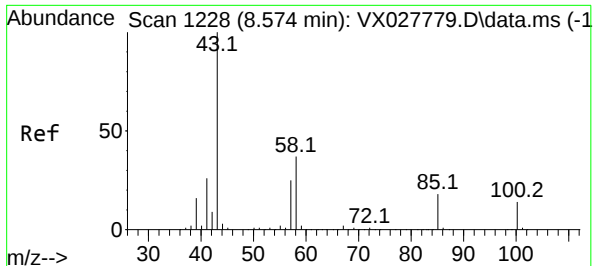
Tgt Ion:	41	Resp:	6819
Ion	Ratio	Lower	Upper
41	100		
39	50.9	43.0	64.4
67	0.0	70.2	105.4#
52	0.0	26.0	39.0#



#50
Toluene-d8
Concen: 51.575 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027878.D
Acq: 01 Apr 2022 14:03

Tgt Ion:	98	Resp:	169722
Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 0.453 ug/l

RT: 8.653 min Scan# 1

Delta R.T. 0.079 min

Lab File: VX027878.D

Acq: 01 Apr 2022 14:03

Instrument :

MSVOA_X

ClientSampleId :

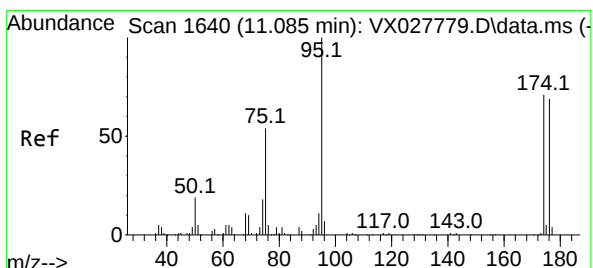
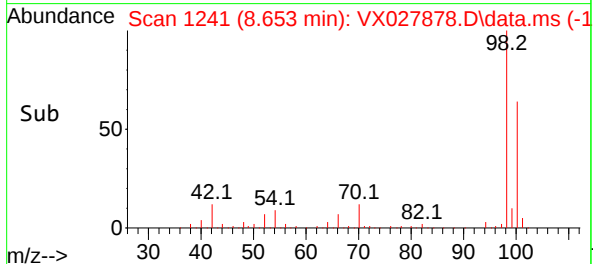
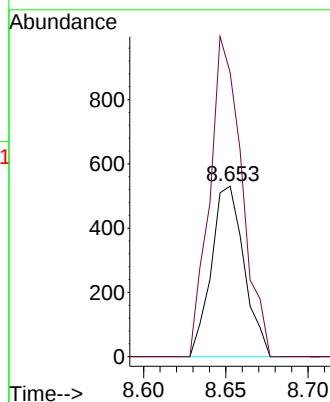
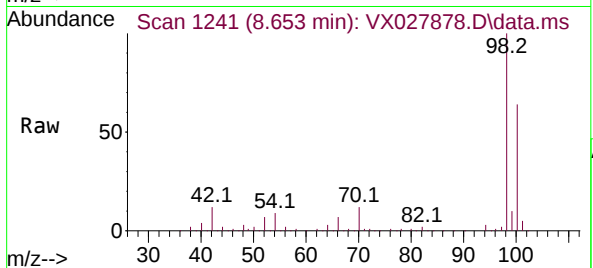
RW8-MW01D1-20220320

Tgt Ion: 43 Resp: 735

Ion Ratio Lower Upper

43 100

58 184.1 36.1 54.1#



#62

4-Bromofluorobenzene

Concen: 47.477 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX027878.D

Acq: 01 Apr 2022 14:03

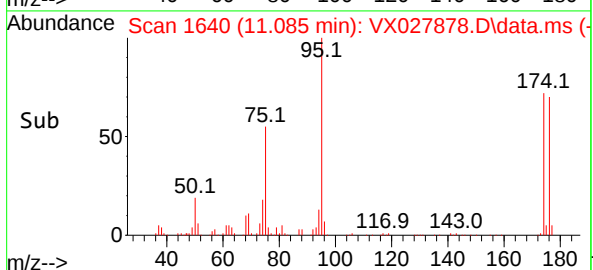
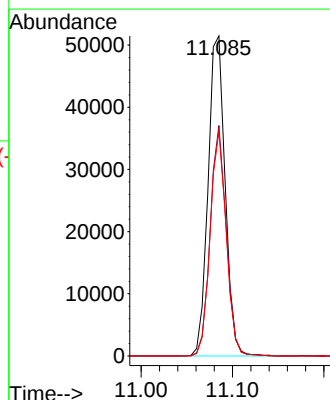
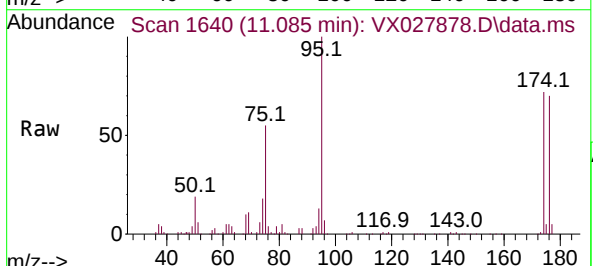
Tgt Ion: 95 Resp: 66395

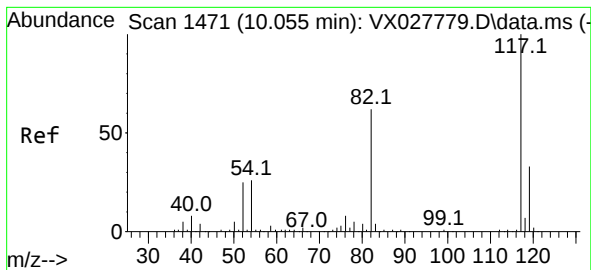
Ion Ratio Lower Upper

95 100

174 68.2 0.0 163.0

176 66.0 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: VX027878.D

Acq: 01 Apr 2022 14:03

Instrument :

MSVOA_X

ClientSampleId :

RW8-MW01D1-20220320

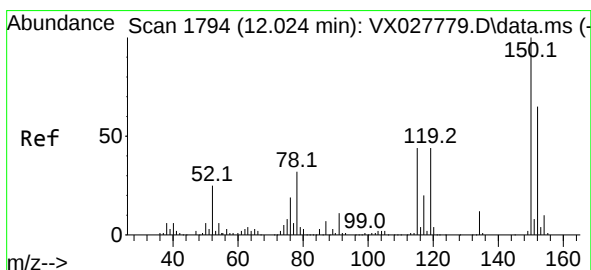
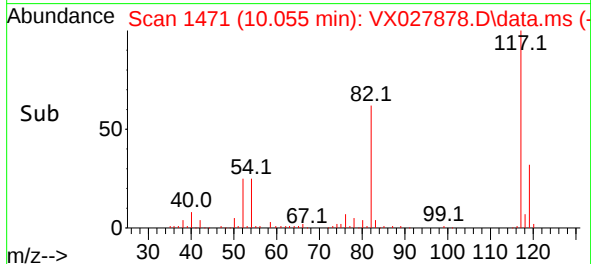
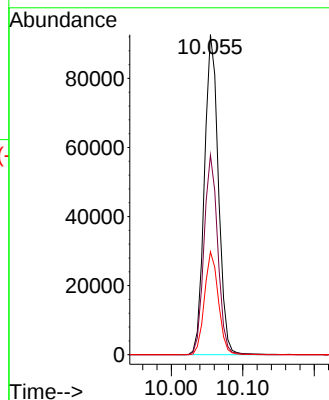
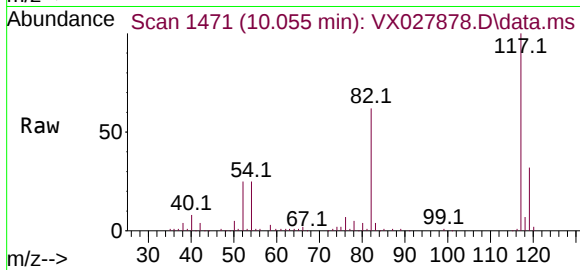
Tgt Ion:117 Resp: 125855

Ion Ratio Lower Upper

117 100

82 62.4 41.8 62.8

119 32.2 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: VX027878.D

Acq: 01 Apr 2022 14:03

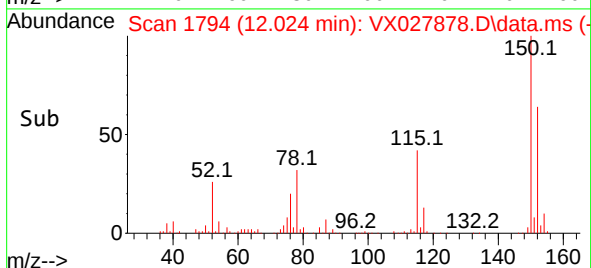
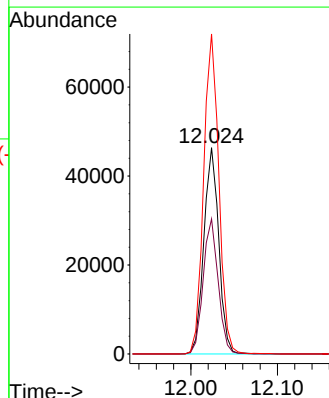
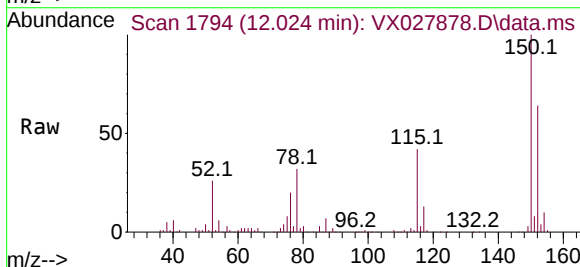
Tgt Ion:152 Resp: 55443

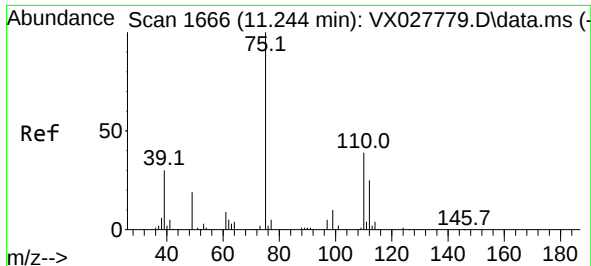
Ion Ratio Lower Upper

152 100

115 65.7 37.5 112.7

150 157.8 0.0 338.2

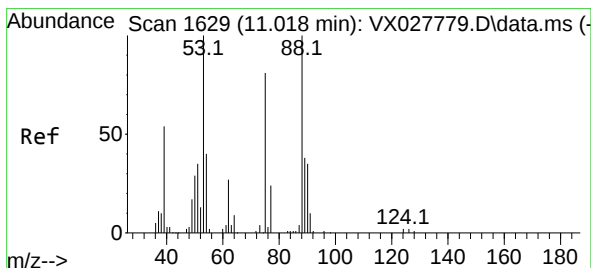
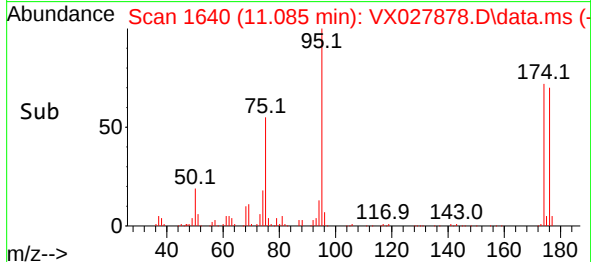
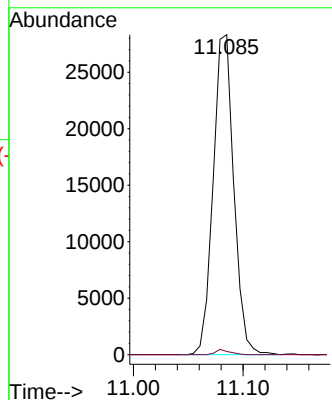
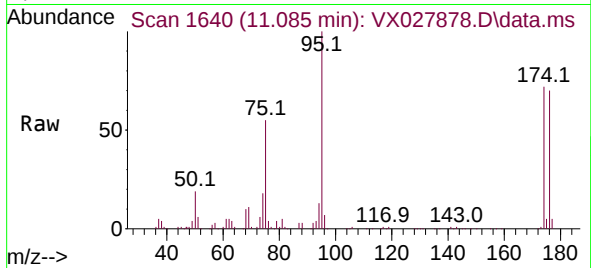




#76
1,2,3-Trichloropropane
Concen: 28.503 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX027878.D
Acq: 01 Apr 2022 14:03

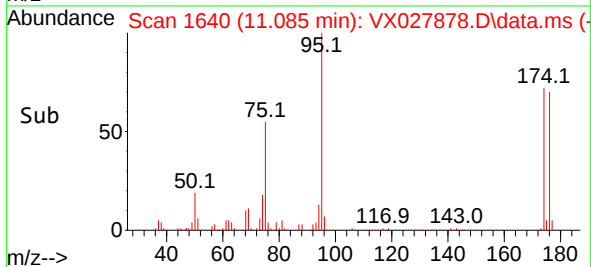
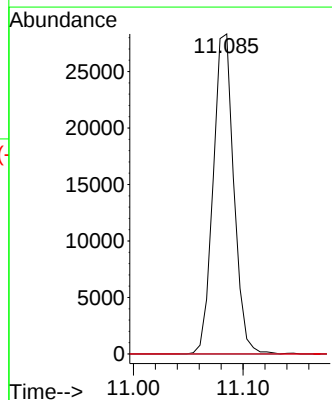
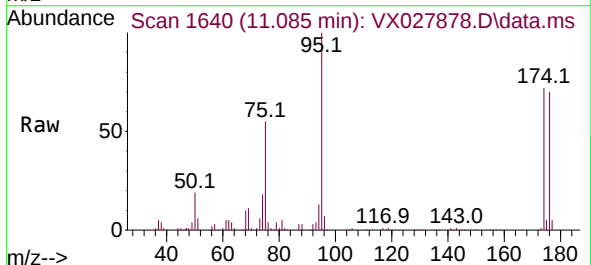
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D1-20220320

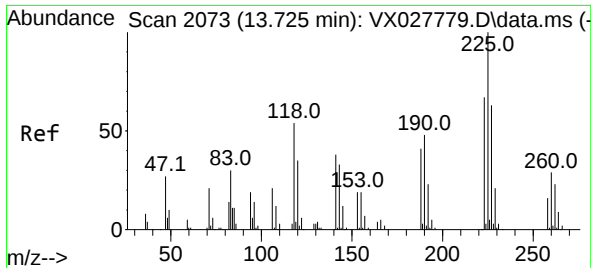
Tgt Ion: 75 Resp: 37071
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.197 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX027878.D
Acq: 01 Apr 2022 14:03

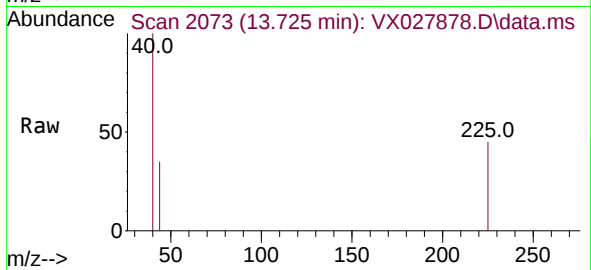
Tgt Ion: 75 Resp: 37071
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#94
 Hexachlorobutadiene
 Concen: 0.931 ug/l
 RT: 13.725 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VX027878.D
 Acq: 01 Apr 2022 14:03

Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-MW01D1-20220320



Tgt Ion:225 Resp: 59
 Ion Ratio Lower Upper
 225 100
 223 0.0 34.2 102.5#
 227 0.0 33.9 101.7#

