

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040122\
 Data File : VX027879.D
 Acq On : 01 Apr 2022 14:26
 Operator : JC/MD
 Sample : N2074-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-MW01D3-20220320

Quant Time: Apr 02 05:06:50 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)

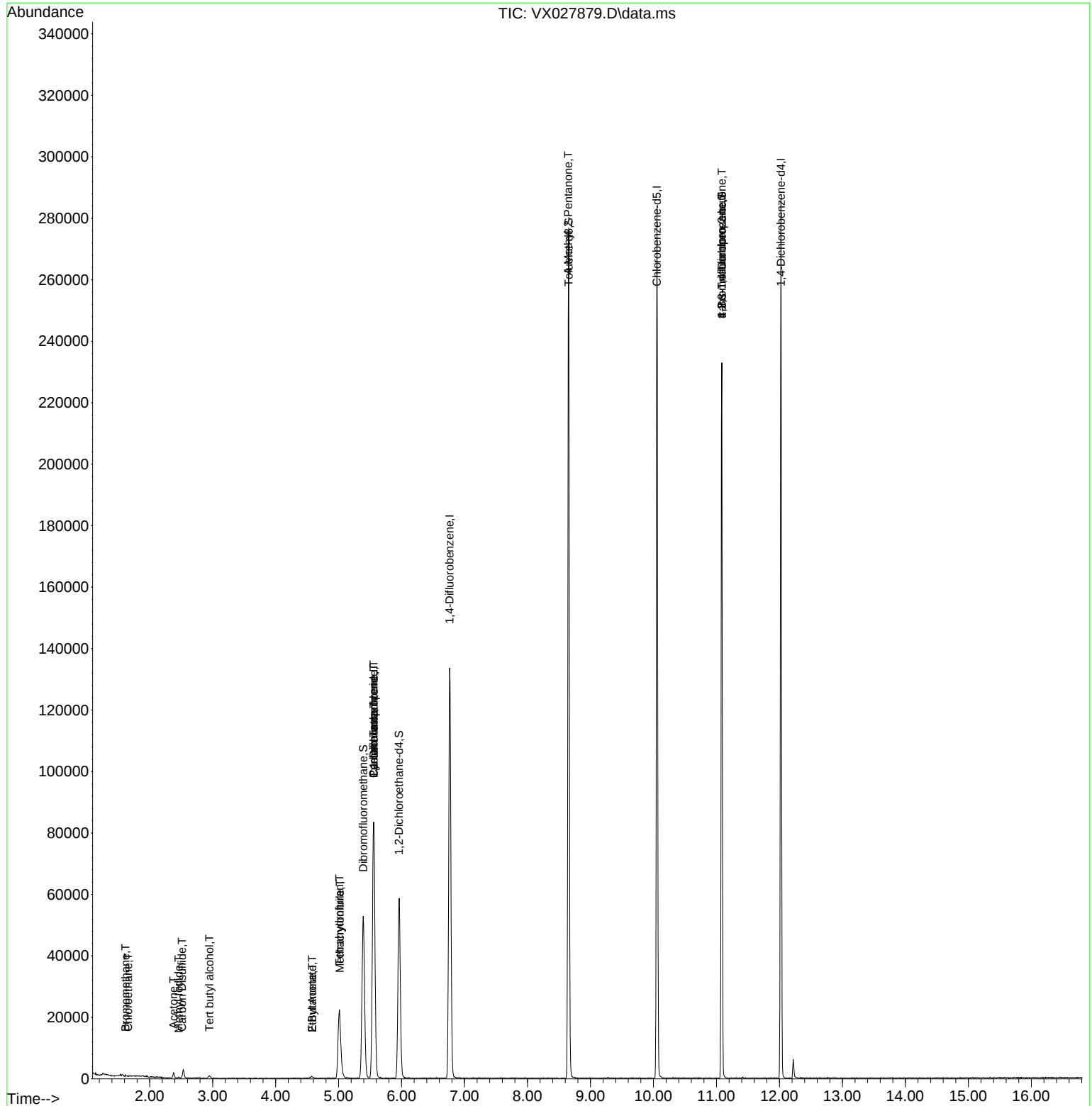
Internal Standards						
1) Pentafluorobenzene	5.556	168	73298	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	129367	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	116758	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51751	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	59792	63.222	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 126.440%			
35) Dibromofluoromethane	5.391	113	44704	53.536	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.080%			
50) Toluene-d8	8.652	98	154602	52.621	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.240%			
62) 4-Bromofluorobenzene	11.085	95	62403	49.980	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.960%			
Target Compounds						Qvalue
5) Bromomethane	1.617	94	96	0.354	ug/l #	68
6) Chloroethane	1.654	64	205	0.505	ug/l #	43
10) Methyl Iodide	2.458	142	184	0.231	ug/l #	84
11) Tert butyl alcohol	2.946	59	575	3.165	ug/l #	72
16) Acetone	2.379	43	1945	4.647	ug/l #	70
17) Carbon Disulfide	2.513	76	334	0.259	ug/l #	75
25) 2-Butanone	4.580	43	368	0.604	ug/l #	44
29) Tetrahydrofuran	5.013	42	20939	53.523	ug/l #	87
31) Cyclohexane	5.556	56	1887	1.805	ug/l #	28
36) 1,1-Dichloropropene	5.556	75	6530	6.209	ug/l #	49
37) Ethyl Acetate	4.580	43	368	0.282	ug/l #	65
38) Carbon Tetrachloride	5.556	117	8538	7.348	ug/l #	14
41) Methacrylonitrile	5.019	41	12200	17.592	ug/l #	39
51) 4-Methyl-2-Pentanone	8.646	43	742	0.512	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	34617	28.515	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	34617	83.231	ug/l #	15

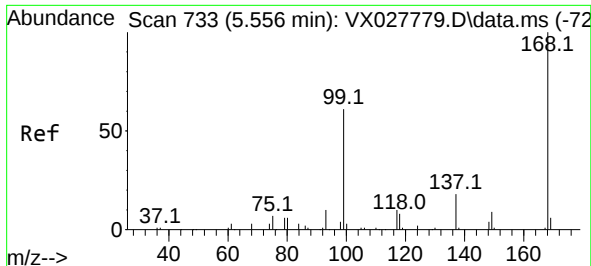
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040122\  
Data File : VX027879.D  
Acq On    : 01 Apr 2022  14:26  
Operator  : JC/MD  
Sample    : N2074-11  
Misc      : 5.0mL/MSVOA_X/WATER  
ALS Vial  : 6    Sample Multiplier: 1
```

Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20220320

Quant Time: Apr 02 05:06:50 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

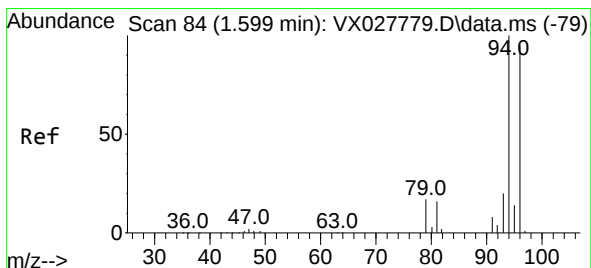
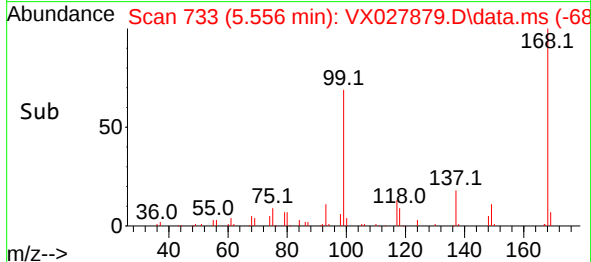
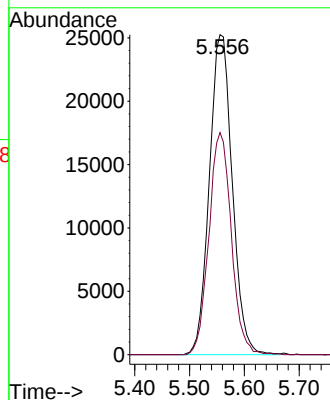
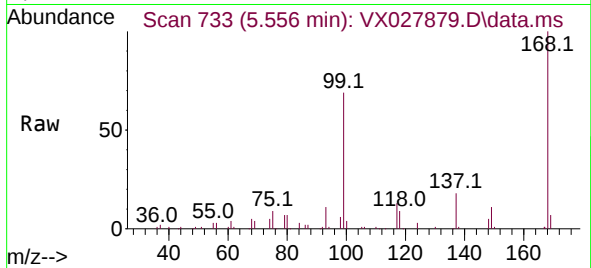




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027879.D
Acq: 01 Apr 2022 14:26

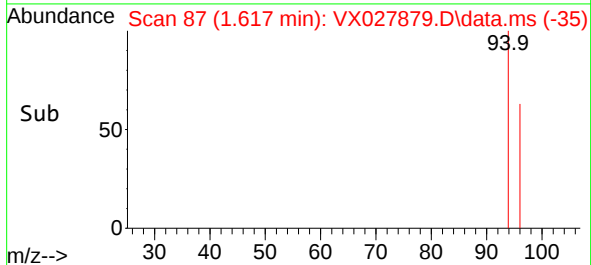
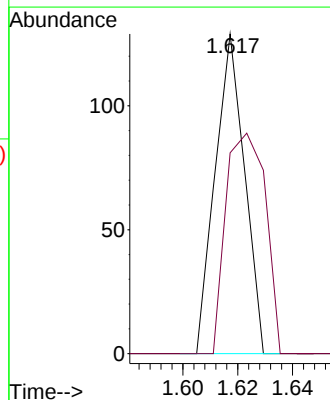
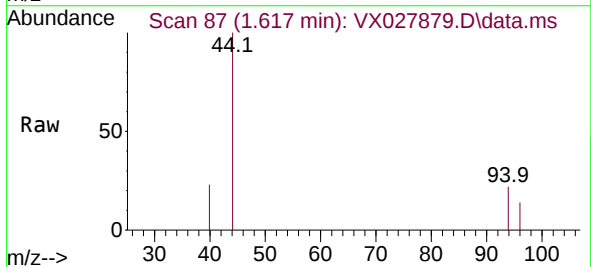
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20220320

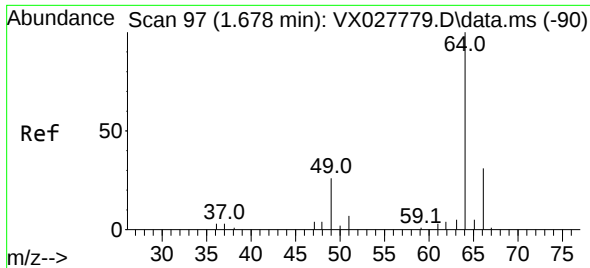
Tgt Ion:168 Resp: 73298
Ion Ratio Lower Upper
168 100
99 69.4 41.7 62.5#



#5
Bromomethane
Concen: 0.354 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX027879.D
Acq: 01 Apr 2022 14:26

Tgt Ion: 94 Resp: 96
Ion Ratio Lower Upper
94 100
96 62.8 75.3 112.9#

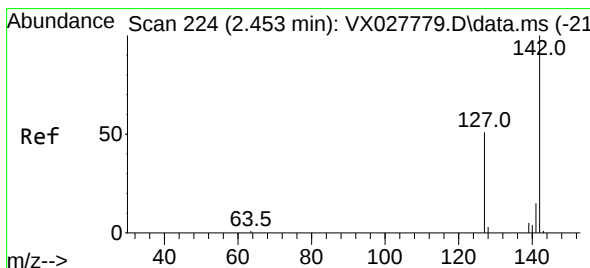
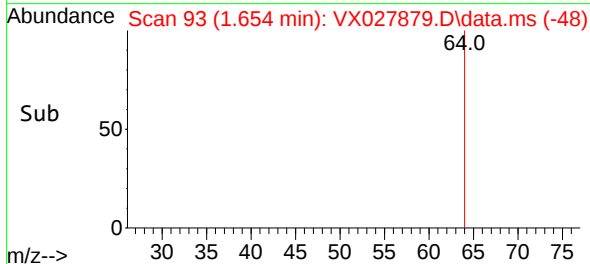
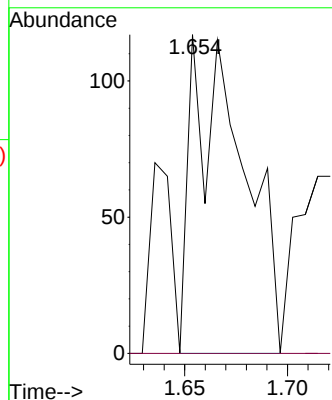
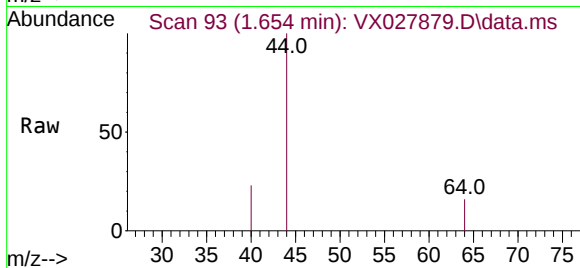




#6
Chloroethane
Concen: 0.505 ug/l
RT: 1.654 min Scan# 91
Delta R.T. -0.024 min
Lab File: VX027879.D
Acq: 01 Apr 2022 14:26

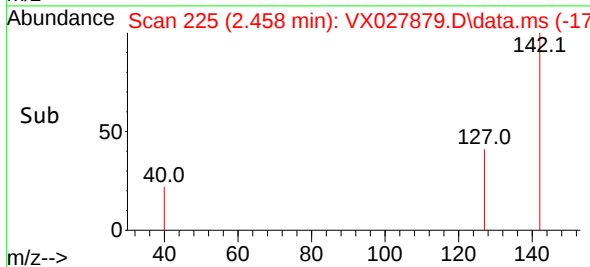
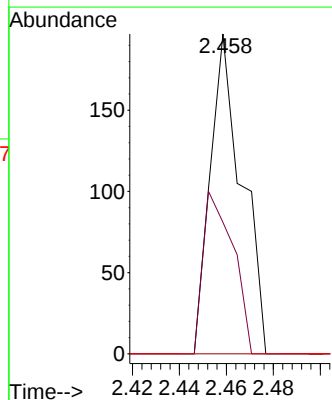
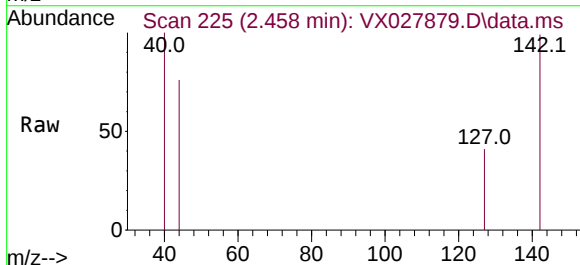
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20220320

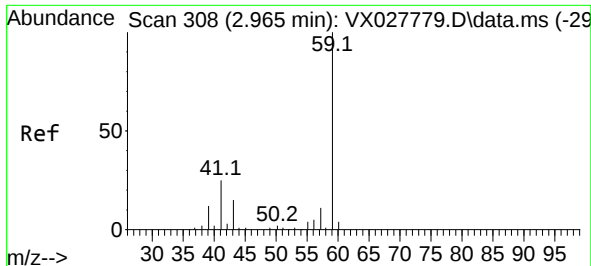
Tgt Ion: 64 Resp: 205
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 0.231 ug/l
RT: 2.458 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX027879.D
Acq: 01 Apr 2022 14:26

Tgt Ion: 142 Resp: 184
Ion Ratio Lower Upper
142 100
127 48.4 33.9 50.9
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: 3.165 ug/l

RT: 2.946 min Scan# 308

Delta R.T. -0.019 min

Lab File: VX027879.D

Acq: 01 Apr 2022 14:26

Instrument :

MSVOA_X

ClientSampleId :

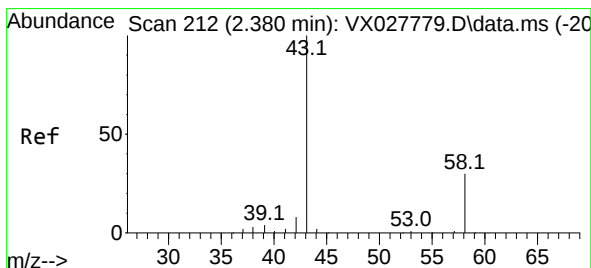
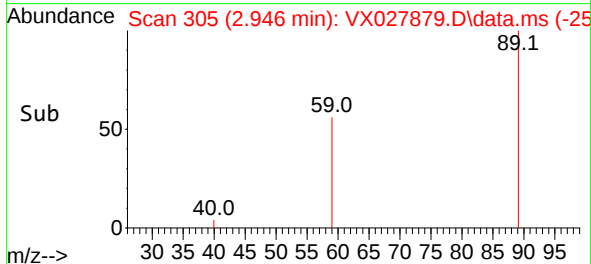
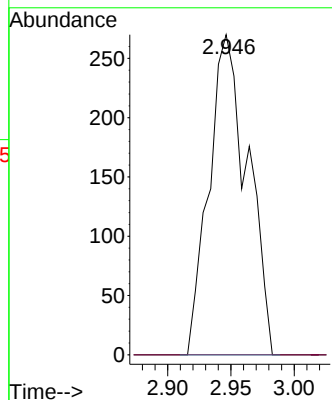
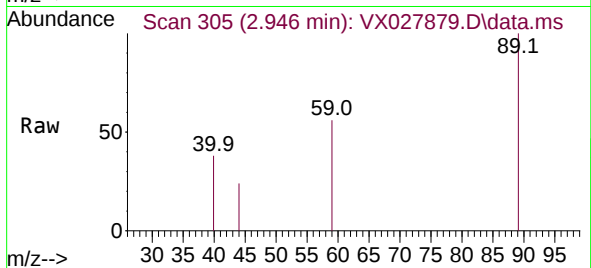
RW8-MW01D3-20220320

Tgt Ion: 59 Resp: 575

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 4.647 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.001 min

Lab File: VX027879.D

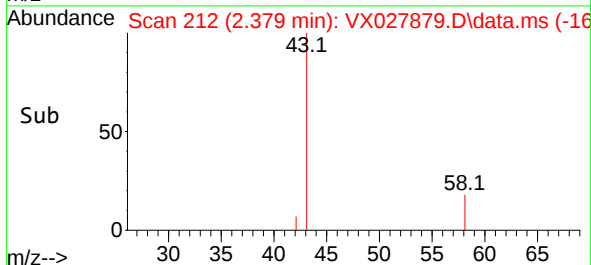
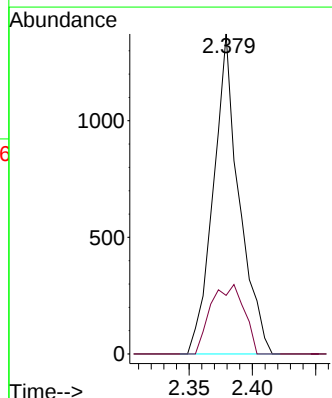
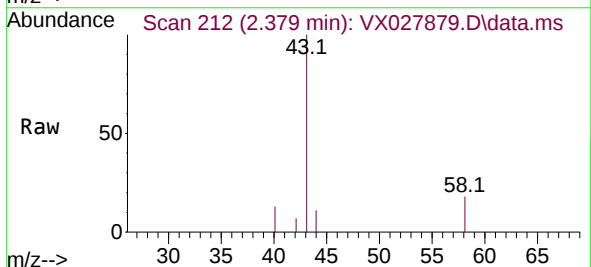
Acq: 01 Apr 2022 14:26

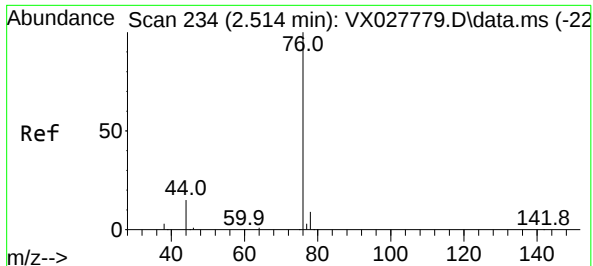
Tgt Ion: 43 Resp: 1945

Ion Ratio Lower Upper

43 100

58 18.3 28.8 43.2#





#17

Carbon Disulfide

Concen: 0.259 ug/l

RT: 2.513 min Scan# 21

Delta R.T. -0.001 min

Lab File: VX027879.D

Acq: 01 Apr 2022 14:26

Instrument :

MSVOA_X

ClientSampleId :

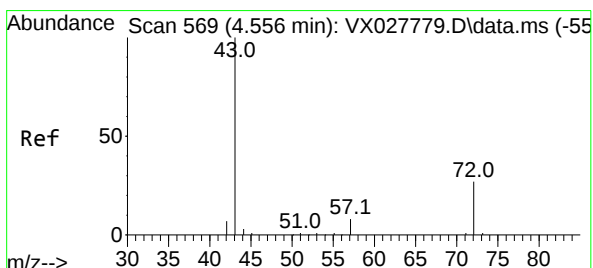
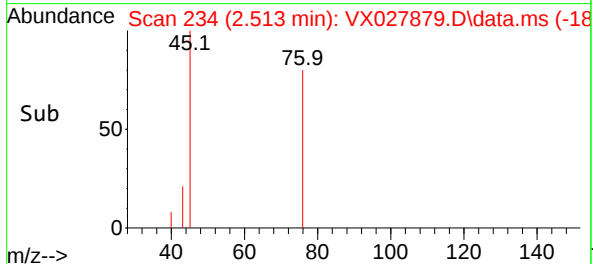
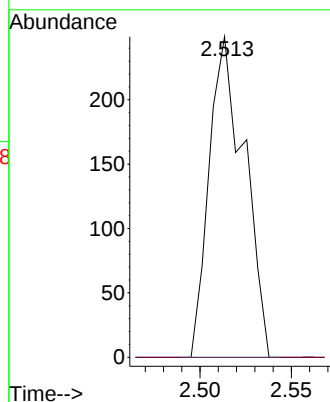
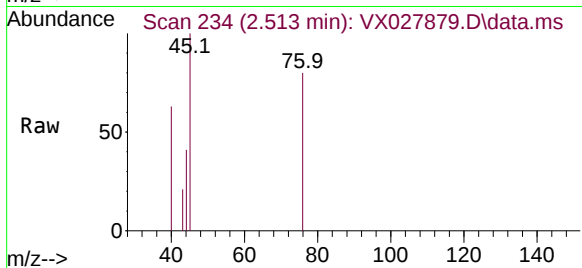
RW8-MW01D3-20220320

Tgt Ion: 76 Resp: 334

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



#25

2-Butanone

Concen: 0.604 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.024 min

Lab File: VX027879.D

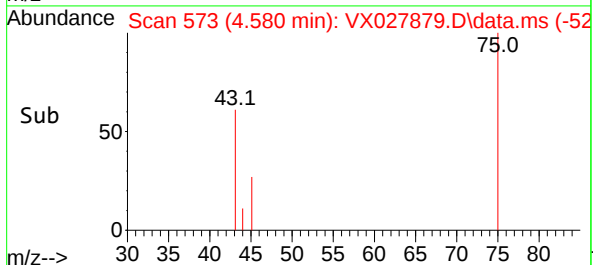
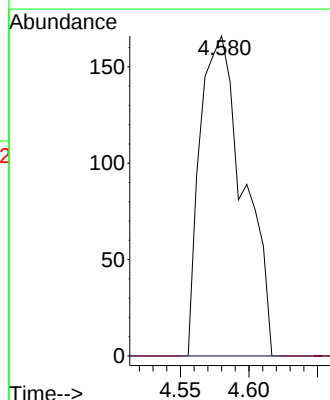
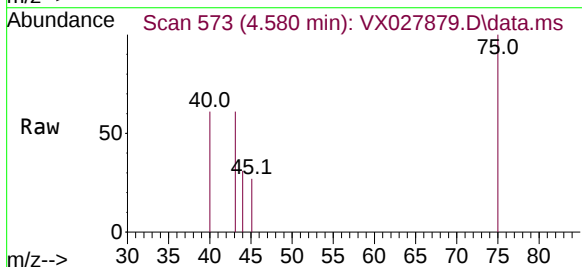
Acq: 01 Apr 2022 14:26

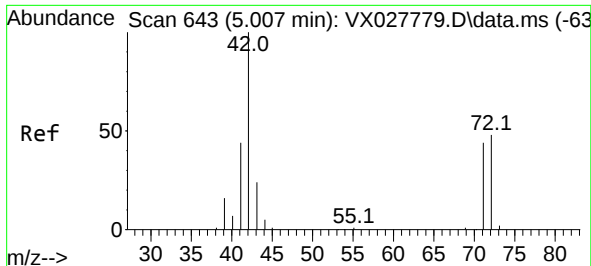
Tgt Ion: 43 Resp: 368

Ion Ratio Lower Upper

43 100

72 0.0 24.4 36.6#





#29

Tetrahydrofuran

Concen: 53.523 ug/l

RT: 5.013 min Scan# 643

Delta R.T. 0.006 min

Lab File: VX027879.D

Acq: 01 Apr 2022 14:26

Instrument :

MSVOA_X

ClientSampleId :

RW8-MW01D3-20220320

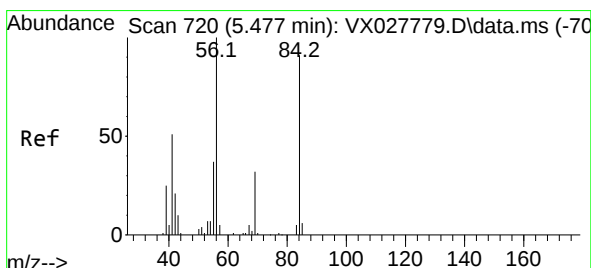
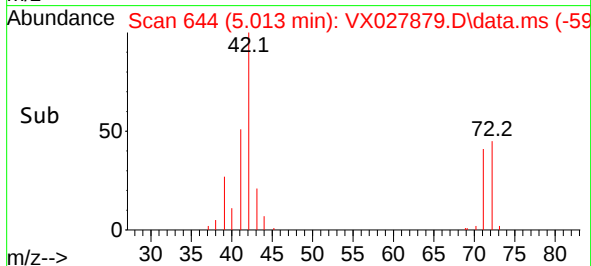
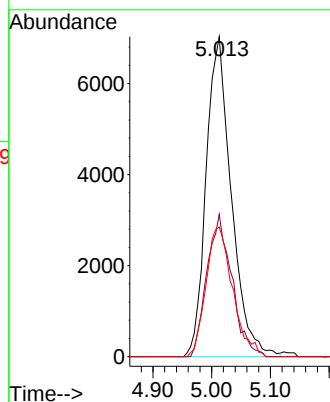
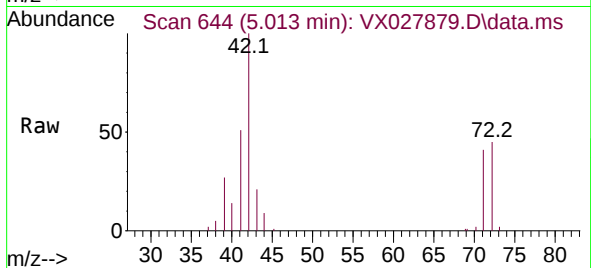
Tgt Ion: 42 Resp: 20939

Ion Ratio Lower Upper

42 100

72 44.0 44.1 66.1#

71 42.8 40.5 60.7



#31

Cyclohexane

Concen: 1.805 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX027879.D

Acq: 01 Apr 2022 14:26

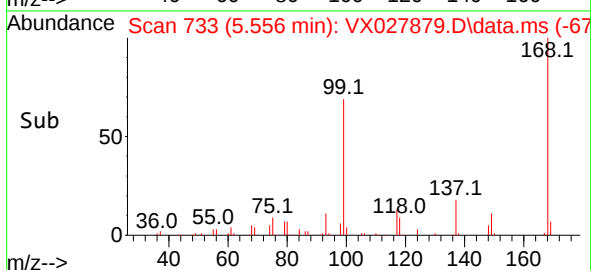
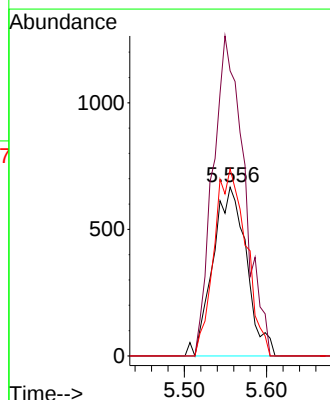
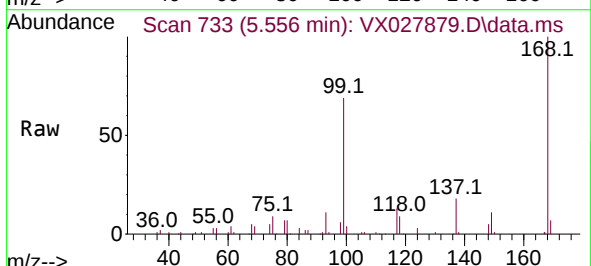
Tgt Ion: 56 Resp: 1887

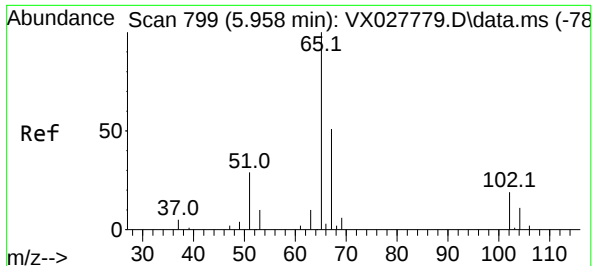
Ion Ratio Lower Upper

56 100

69 168.8 26.7 40.1#

84 110.8 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 63.222 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX027879.D

Acq: 01 Apr 2022 14:26

Instrument :

MSVOA_X

ClientSampleId :

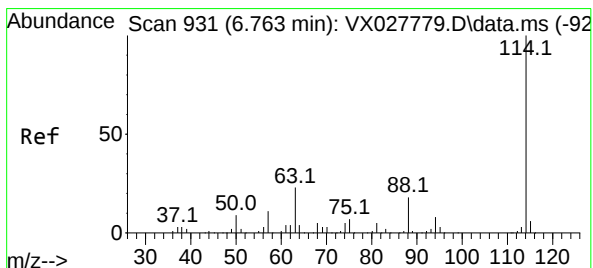
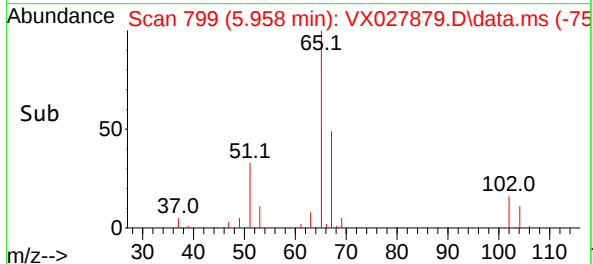
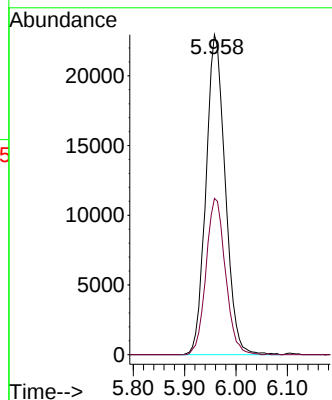
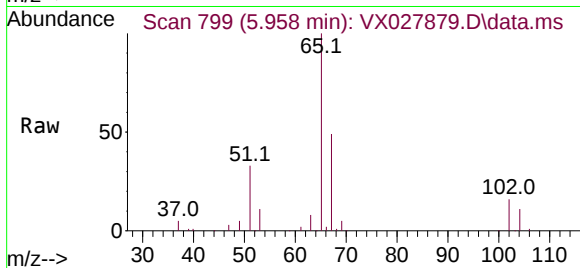
RW8-MW01D3-20220320

Tgt Ion: 65 Resp: 59792

Ion Ratio Lower Upper

65 100

67 49.2 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: VX027879.D

Acq: 01 Apr 2022 14:26

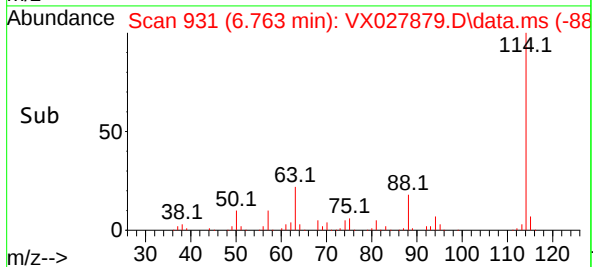
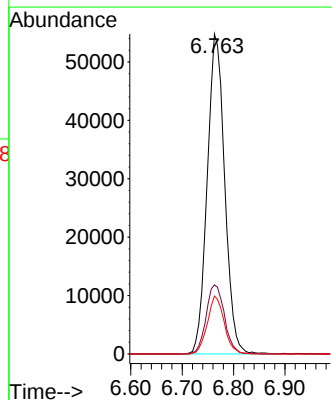
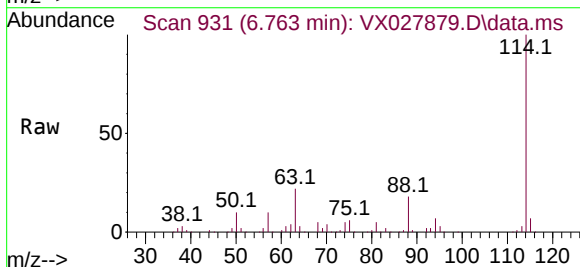
Tgt Ion: 114 Resp: 129367

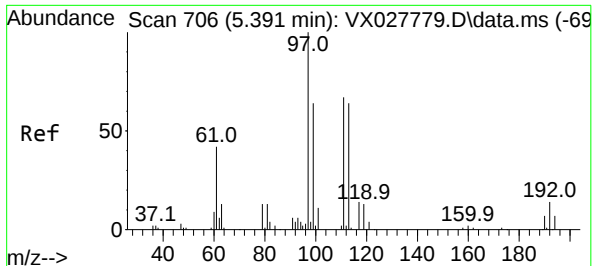
Ion Ratio Lower Upper

114 100

63 21.6 0.0 36.8

88 18.1 0.0 32.4

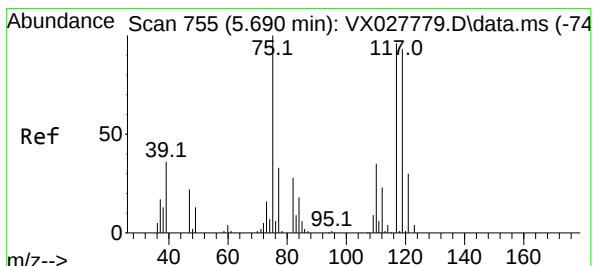
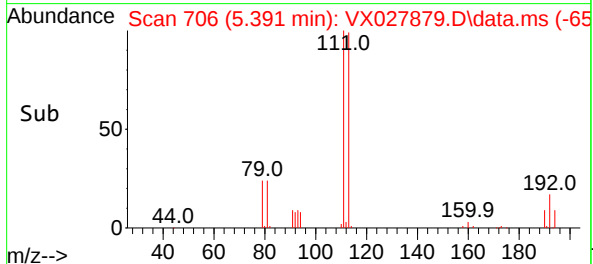
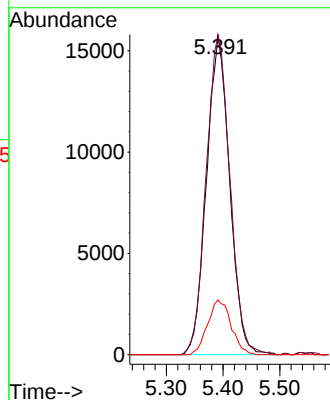
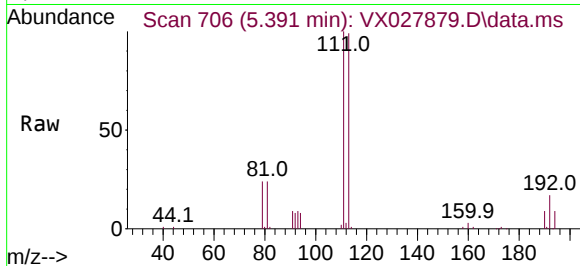




#35
Dibromofluoromethane
Concen: 53.536 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX027879.D
Acq: 01 Apr 2022 14:26

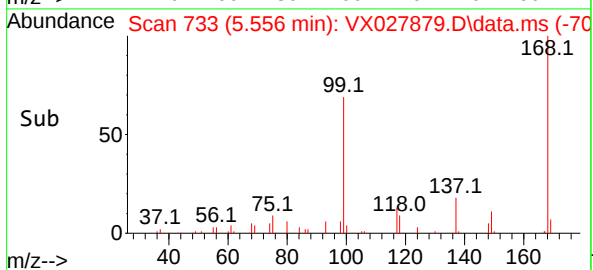
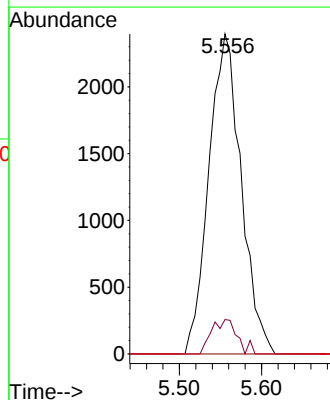
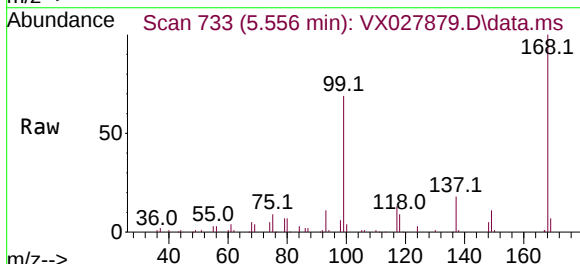
Instrument :
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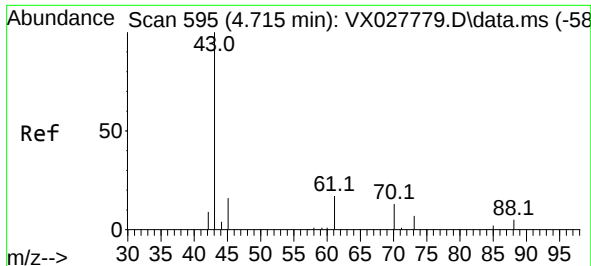
Tgt Ion:113 Resp: 44704
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 17.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 6.209 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.135 min
Lab File: VX027879.D
Acq: 01 Apr 2022 14:26

Tgt Ion: 75 Resp: 6530
Ion Ratio Lower Upper
75 100
110 8.6 18.3 54.8#
77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 0.282 ug/l

RT: 4.580 min Scan# 51

Delta R.T. -0.135 min

Lab File: VX027879.D

Acq: 01 Apr 2022 14:26

Instrument :

MSVOA_X

ClientSampleId :

RW8-MW01D3-20220320

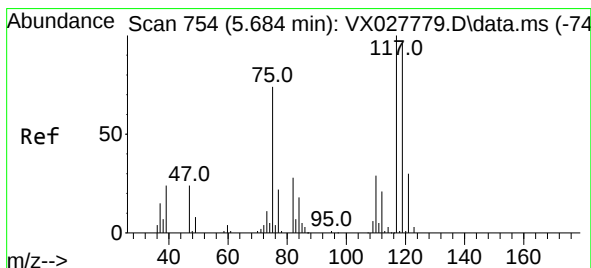
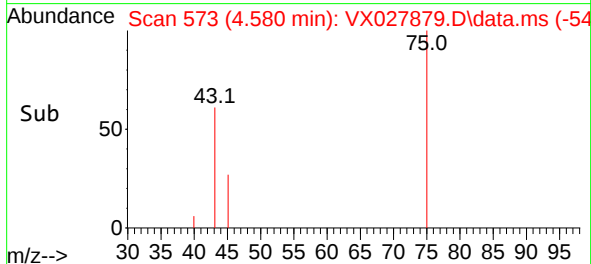
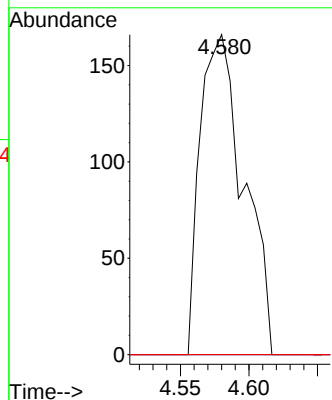
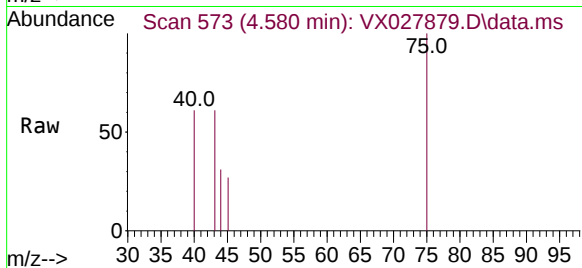
Tgt Ion: 43 Resp: 368

Ion Ratio Lower Upper

43 100

61 0.0 12.6 19.0#

70 0.0 10.2 15.2#



#38

Carbon Tetrachloride

Concen: 7.348 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX027879.D

Acq: 01 Apr 2022 14:26

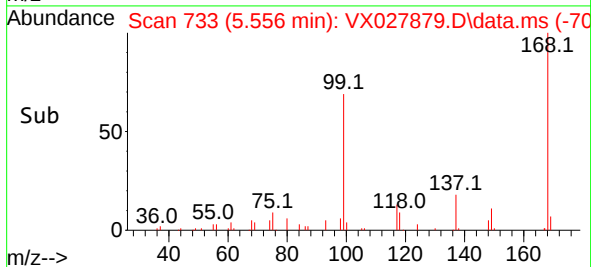
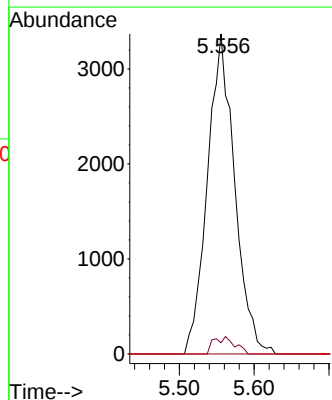
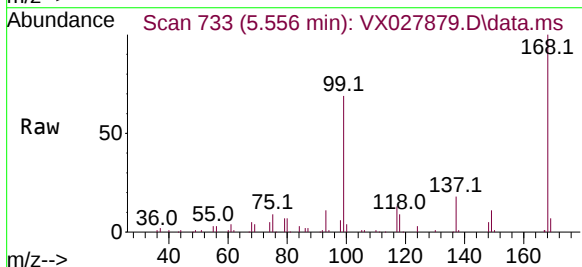
Tgt Ion: 117 Resp: 8538

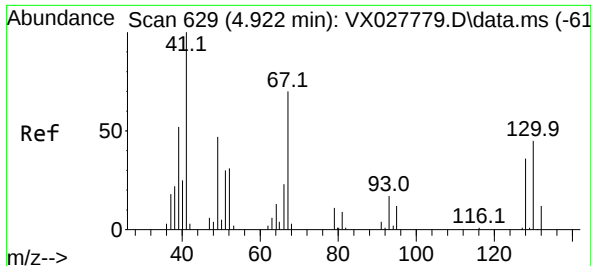
Ion Ratio Lower Upper

117 100

119 3.5 77.3 115.9#

121 0.0 24.2 36.2#

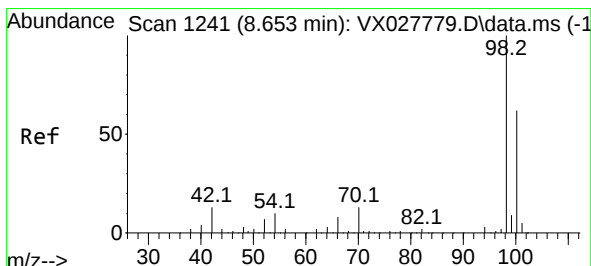
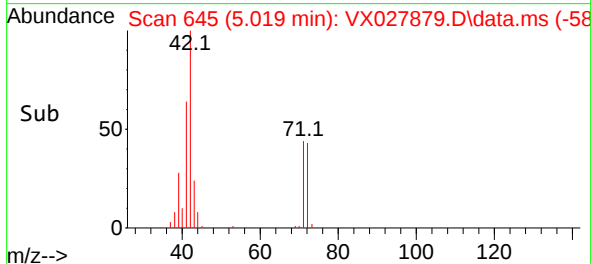
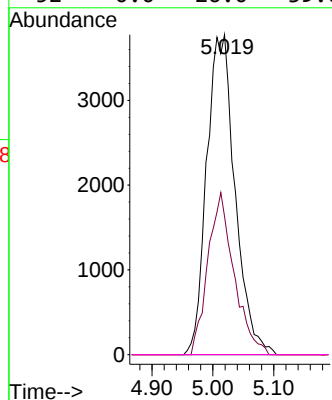
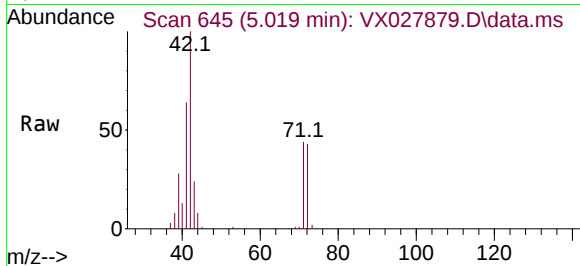




#41
Methacrylonitrile
Concen: 17.592 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.097 min
Lab File: VX027879.D
Acq: 01 Apr 2022 14:26

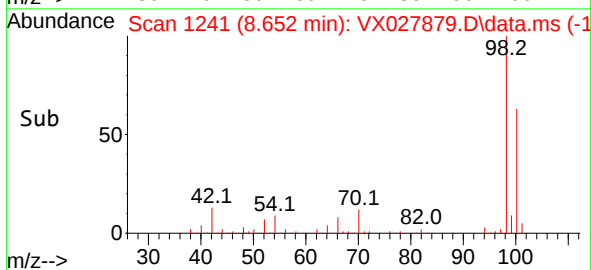
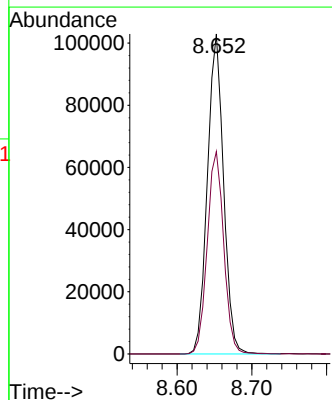
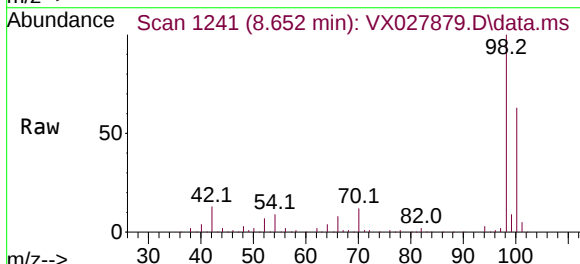
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20220320

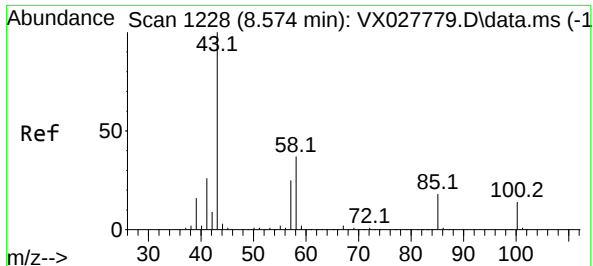
Tgt Ion: 41	Resp: 12200
Ion Ratio	Lower Upper
41 100	
39 46.9	43.0 64.4
67 0.0	70.2 105.4#
52 0.0	26.0 39.0#



#50
Toluene-d8
Concen: 52.621 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. -0.001 min
Lab File: VX027879.D
Acq: 01 Apr 2022 14:26

Tgt Ion: 98	Resp: 154602
Ion Ratio	Lower Upper
98 100	
100 64.4	52.6 78.8

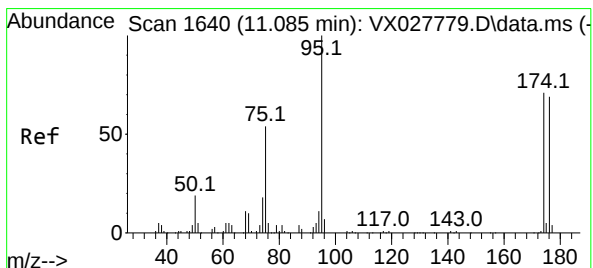
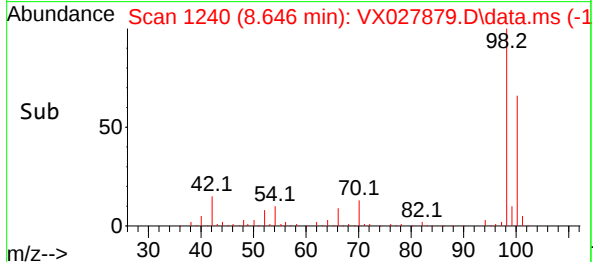
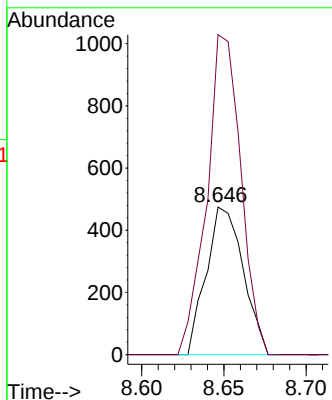
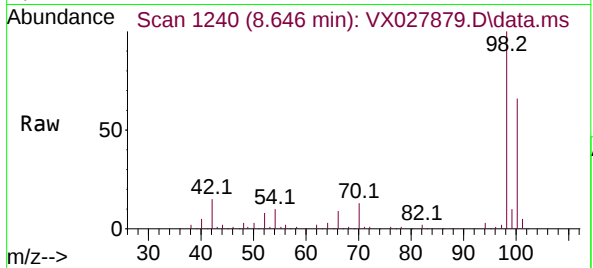




#51
4-Methyl-2-Pentanone
Concen: 0.512 ug/l
RT: 8.646 min Scan# 11
Delta R.T. 0.072 min
Lab File: VX027879.D
Acq: 01 Apr 2022 14:26

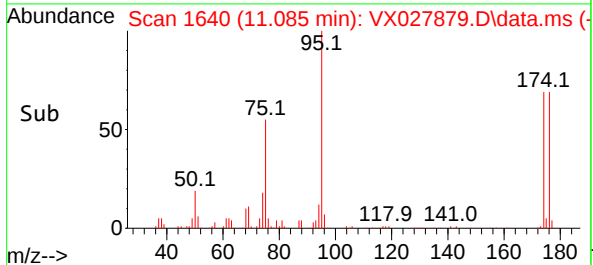
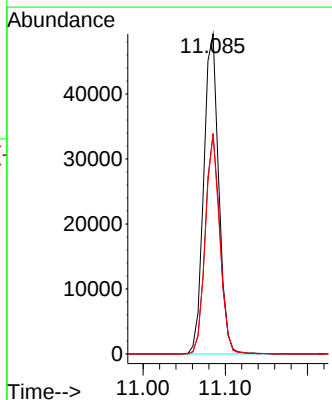
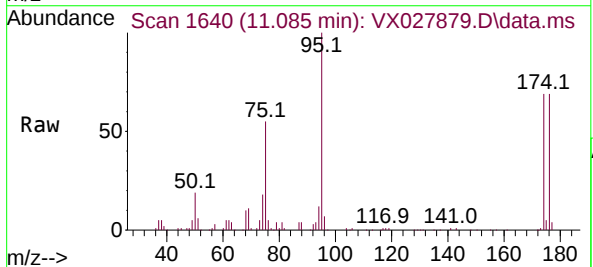
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20220320

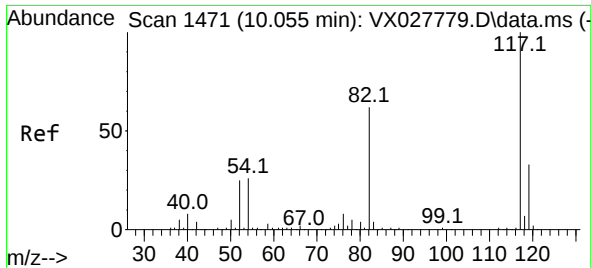
Tgt Ion: 43 Resp: 742
Ion Ratio Lower Upper
43 100
58 200.1 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 49.980 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027879.D
Acq: 01 Apr 2022 14:26

Tgt Ion: 95 Resp: 62403
Ion Ratio Lower Upper
95 100
174 67.2 0.0 163.0
176 66.0 0.0 155.0

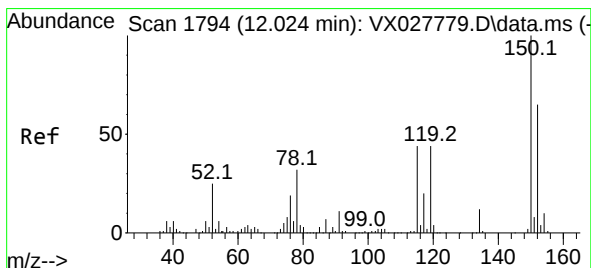
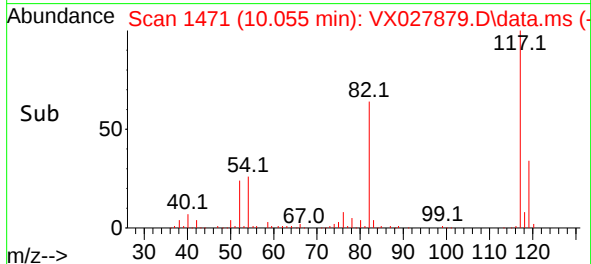
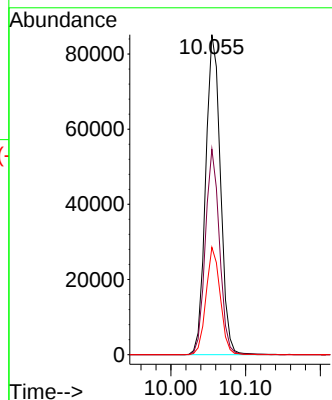
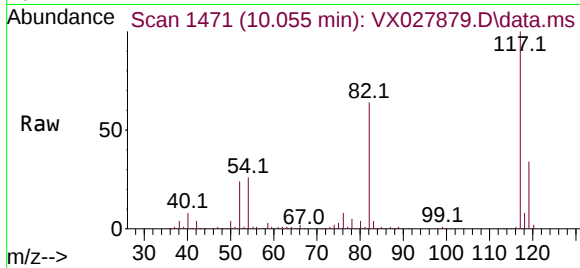




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027879.D
Acq: 01 Apr 2022 14:26

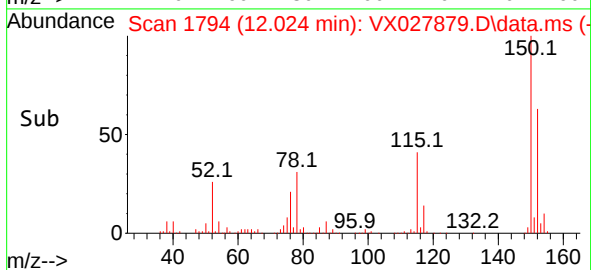
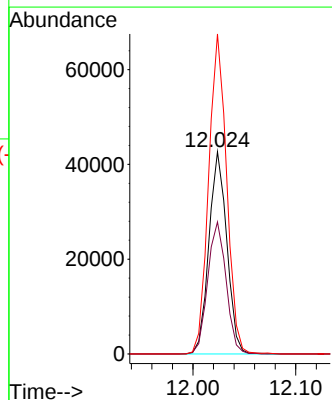
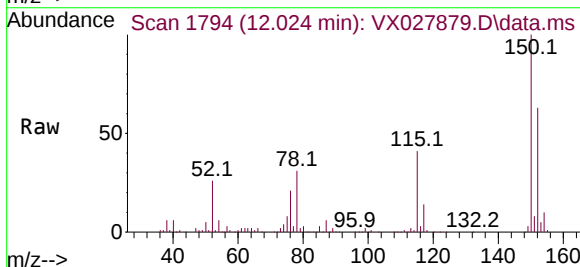
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20220320

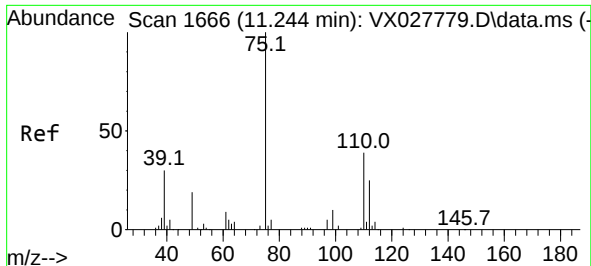
Tgt Ion:117 Resp: 116758
Ion Ratio Lower Upper
117 100
82 64.3 41.8 62.8#
119 33.5 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX027879.D
Acq: 01 Apr 2022 14:26

Tgt Ion:152 Resp: 51751
Ion Ratio Lower Upper
152 100
115 67.1 37.5 112.7
150 158.7 0.0 338.2

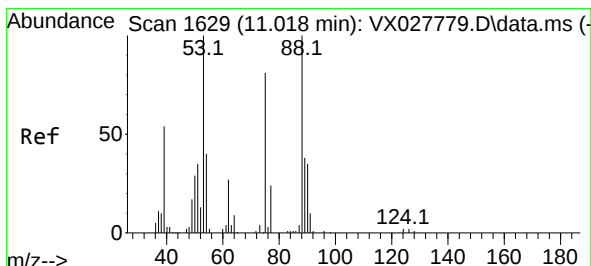
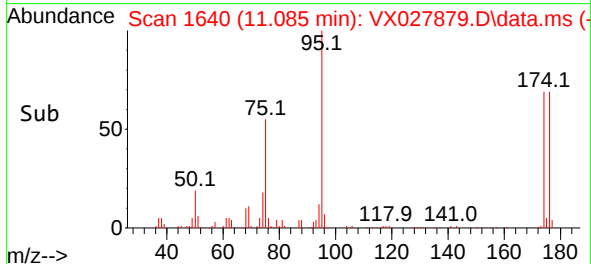
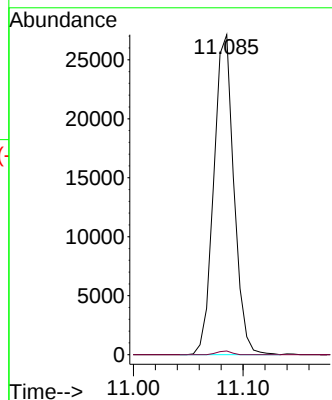
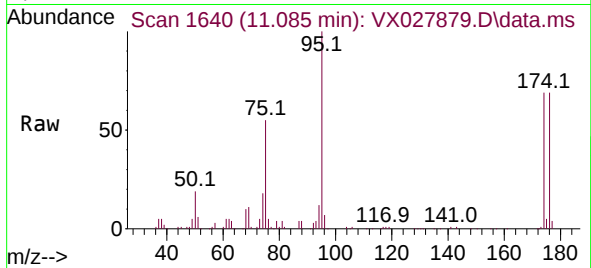




#76
1,2,3-Trichloropropane
Concen: 28.515 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX027879.D
Acq: 01 Apr 2022 14:26

Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20220320

Tgt Ion: 75 Resp: 34617
Ion Ratio Lower Upper
75 100
77 0.8 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.231 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX027879.D
Acq: 01 Apr 2022 14:26

Tgt Ion: 75 Resp: 34617
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

