

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052622\
 Data File : VX029001.D
 Acq On : 26 May 2022 16:02
 Operator : JC/MD
 Sample : N3066-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-MW163S1-TB-20220524

Quant Time: May 27 07:34:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

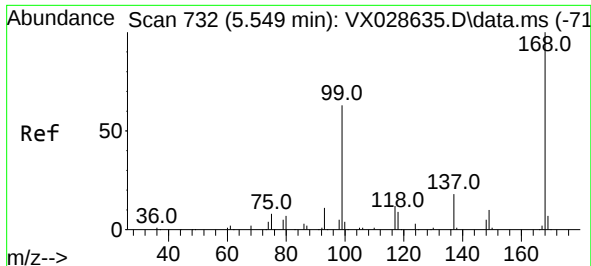
Internal Standards						
1) Pentafluorobenzene	5.556	168	323416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	575856	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	550939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	257289	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	217552	49.072	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 98.140%			
35) Dibromofluoromethane	5.385	113	190948	50.610	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.220%			
50) Toluene-d8	8.653	98	687698	48.346	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.700%			
62) 4-Bromofluorobenzene	11.079	95	267606	50.368	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.740%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	982	Below Cal	#	79
6) Chloroethane	1.703	64	208	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	12857	5.874	ug/l #	75
16) Acetone	2.374	43	3083	1.620	ug/l	91
18) Methyl Acetate	2.703	43	999	0.210	ug/l #	62
25) 2-Butanone	4.574	43	690	0.231	ug/l #	44
31) Cyclohexane	5.556	56	6281	1.021	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	24416	4.309	ug/l #	50
38) Carbon Tetrachloride	5.556	117	32950	5.778	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	2717	0.445	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	132208	21.942	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	132208	64.260	ug/l #	15

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

Instrument :
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The chromatogram displays the Total Ion Chromatogram (TIC) for the sample VX029001.D\data.ms. The y-axis represents Abundance, ranging from 0 to 1,450,000. The x-axis represents Time in minutes, ranging from 0.00 to 16.00. The following table summarizes the identified peaks and their approximate retention times:

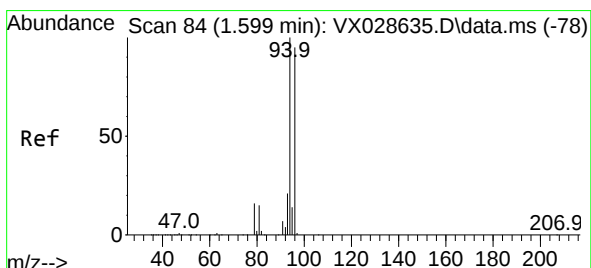
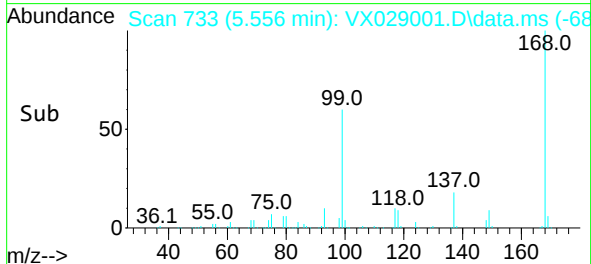
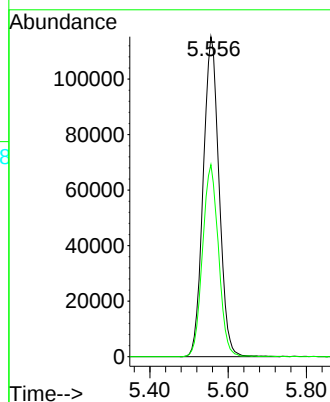
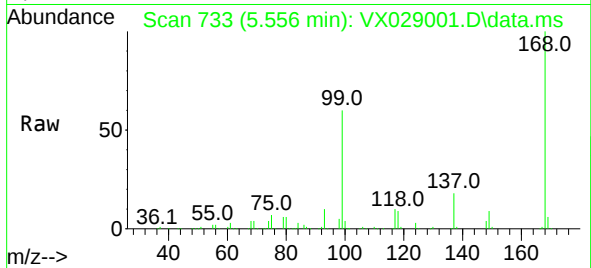
Compound	Retention Time (min)	Approximate Abundance
Acetone, T	2.5	30,000
Methyl Acetate, T	2.8	20,000
Tert butyl alcohol, T	3.0	20,000
2-Butanone, T	4.5	10,000
Dibromofluoromethane, S	5.5	220,000
1,2-Dichloroethane-d4, S	5.8	220,000
1,4-Difluorobenzene, I	6.8	550,000
4-Methylacetate, S, T	8.8	1,300,000
Chlorobenzene-d5, I	10.2	1,150,000
1,2-Dichloropropane, T	11.2	950,000
1,4-Dichlorobenzene-d4, I	12.2	1,150,000



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX029001.D
Acq: 26 May 2022 16:02

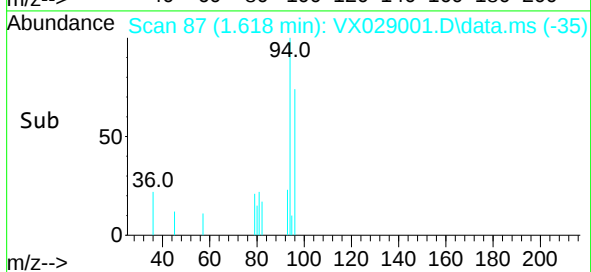
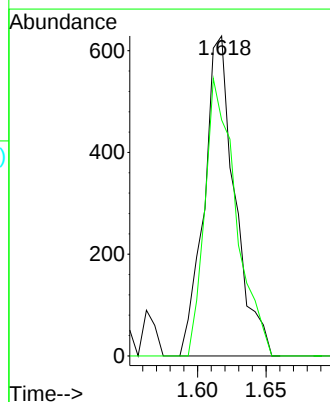
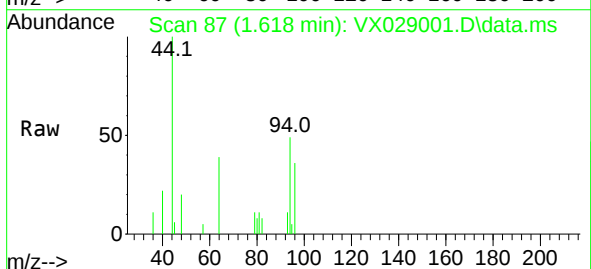
Instrument :
MSVOA_X
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BP-MW163S1-TB-20220524

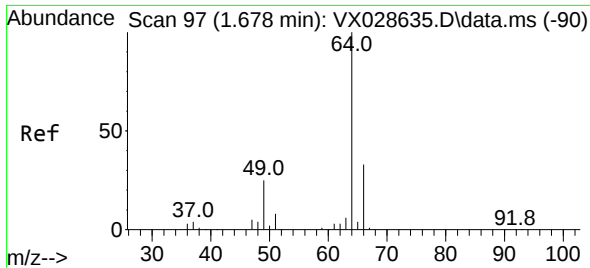
Tgt Ion:168 Resp: 323416
Ion Ratio Lower Upper
168 100
99 60.0 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX029001.D
Acq: 26 May 2022 16:02

Tgt Ion: 94 Resp: 982
Ion Ratio Lower Upper
94 100
96 73.8 75.3 112.9#

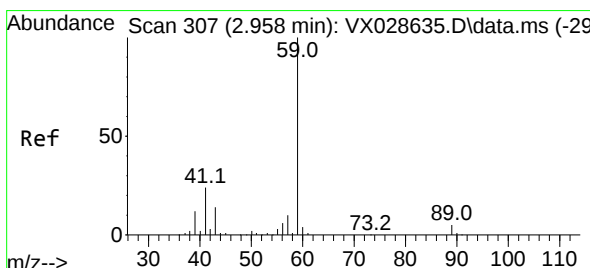
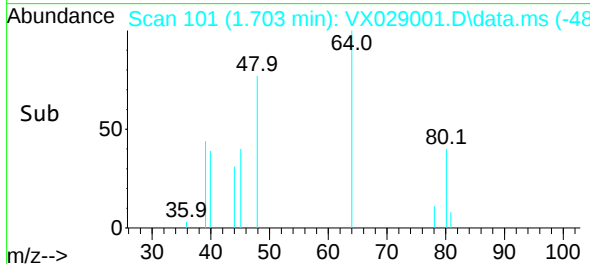
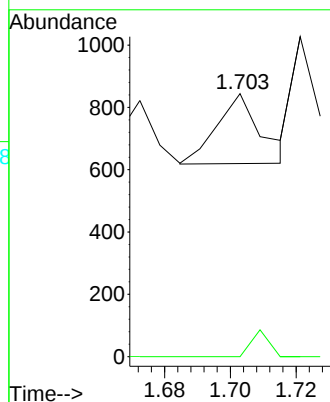
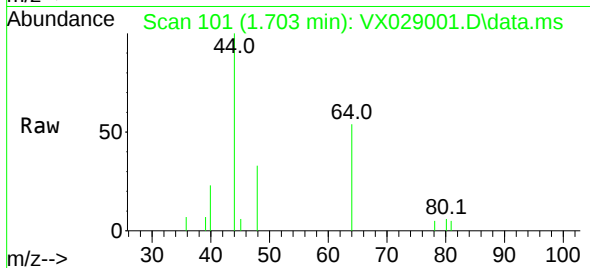




#6
Chloroethane
Concen: Below Cal
RT: 1.703 min Scan# 101
Delta R.T. 0.025 min
Lab File: VX029001.D
Acq: 26 May 2022 16:02

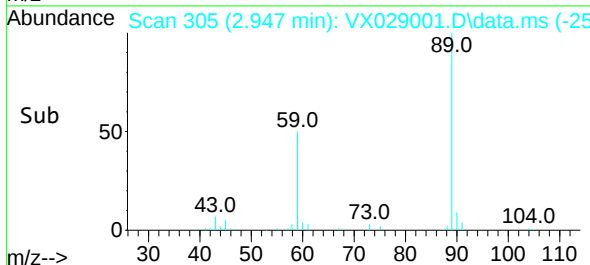
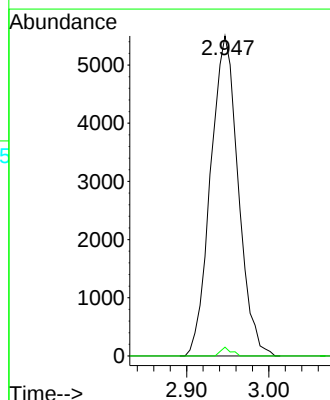
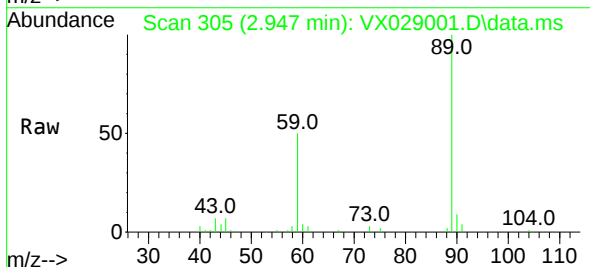
Instrument : MSVOA_X
ClientSampleId : BP-MW163S1-TB-20220524

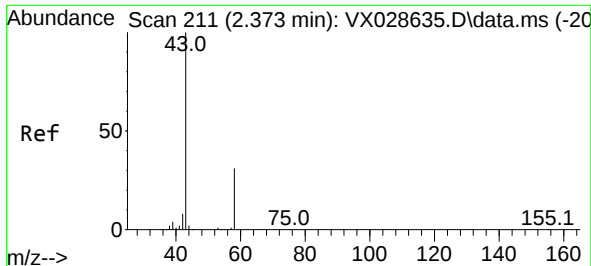
Tgt Ion: 64 Resp: 208
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#11
Tert butyl alcohol
Concen: 5.874 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.011 min
Lab File: VX029001.D
Acq: 26 May 2022 16:02

Tgt Ion: 59 Resp: 12857
Ion Ratio Lower Upper
59 100
57 1.1 8.3 12.5#

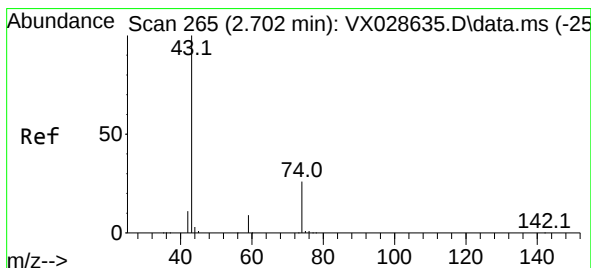
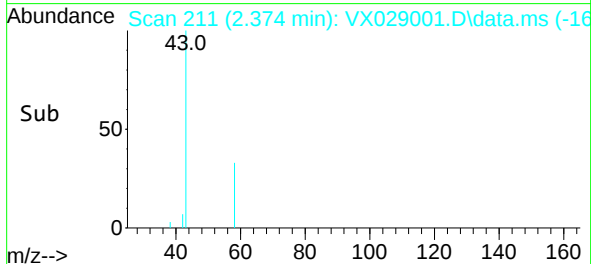
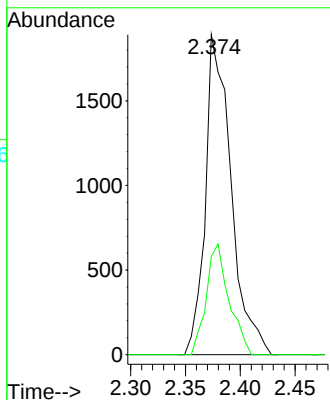
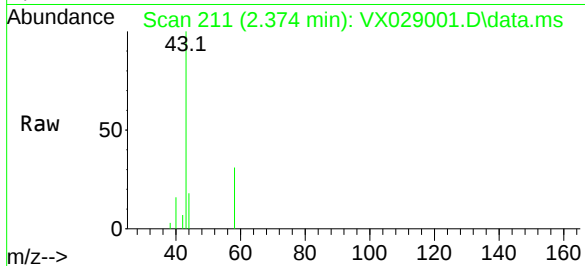




#16
Acetone
Concen: 1.620 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.001 min
Lab File: VX029001.D
Acq: 26 May 2022 16:02

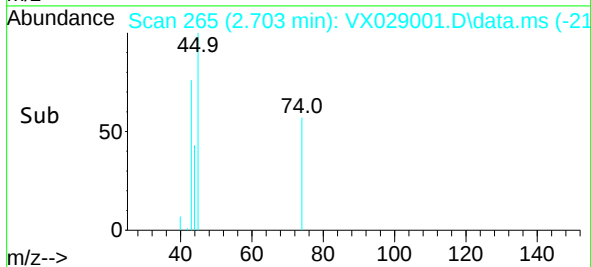
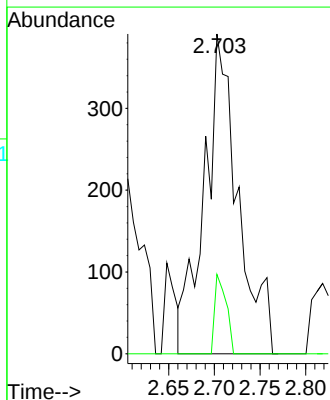
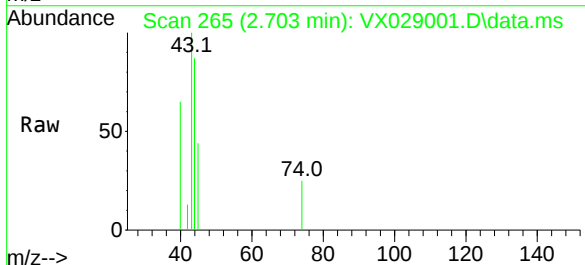
Instrument :
MSVOA_X
ClientSampleId :
BP-MW163S1-TB-20220524

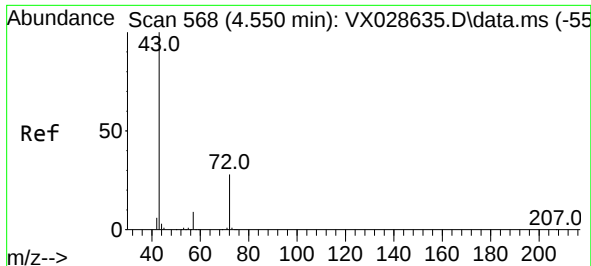
Tgt Ion: 43 Resp: 3083
Ion Ratio Lower Upper
43 100
58 30.7 28.8 43.2



#18
Methyl Acetate
Concen: 0.210 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.001 min
Lab File: VX029001.D
Acq: 26 May 2022 16:02

Tgt Ion: 43 Resp: 999
Ion Ratio Lower Upper
43 100
74 8.4 22.8 34.2#

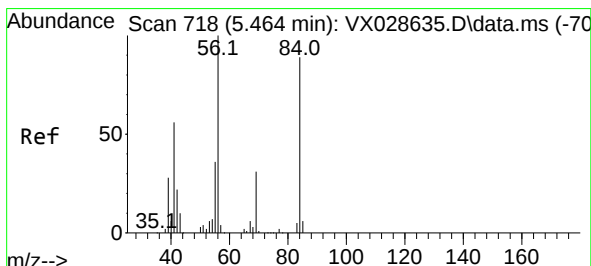
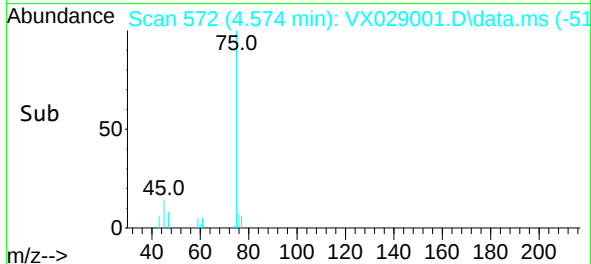
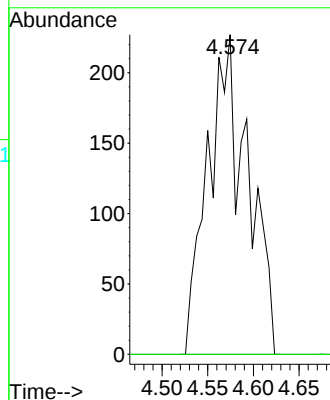
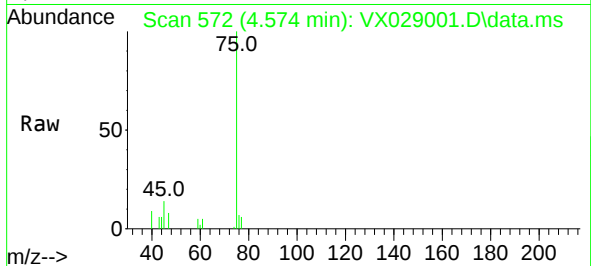




#25
2-Butanone
Concen: 0.231 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX029001.D
Acq: 26 May 2022 16:02

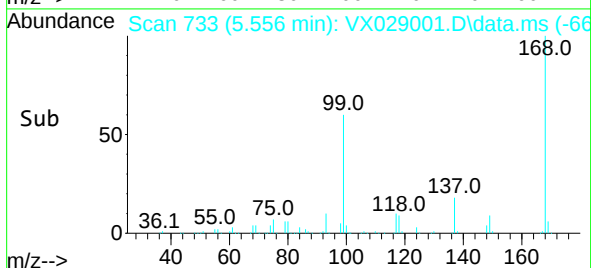
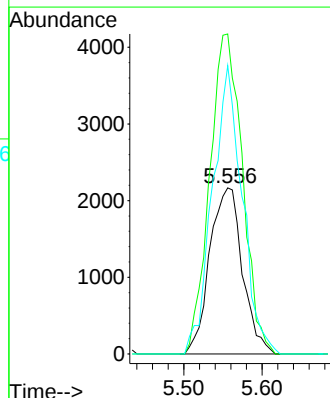
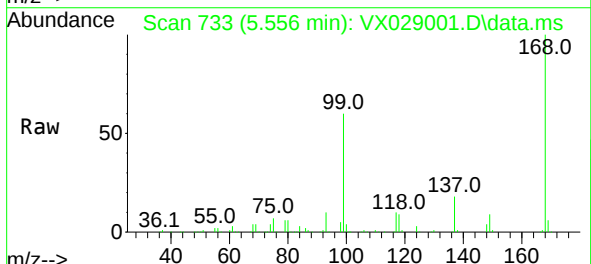
Instrument :
MSVOA_X
ClientSampleId :
BP-MW163S1-TB-20220524

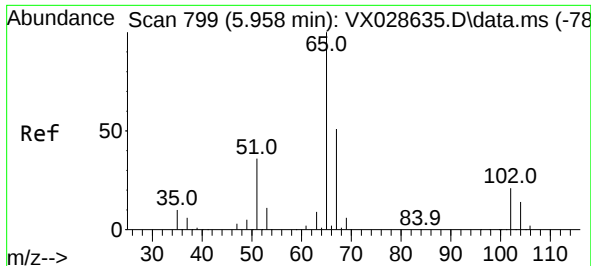
Tgt Ion: 43 Resp: 690
Ion Ratio Lower Upper
43 100
72 0.0 24.4 36.6#



#31
Cyclohexane
Concen: 1.021 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.092 min
Lab File: VX029001.D
Acq: 26 May 2022 16:02

Tgt Ion: 56 Resp: 6281
Ion Ratio Lower Upper
56 100
69 192.6 26.7 40.1#
84 173.5 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 49.072 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029001.D

Acq: 26 May 2022 16:02

Instrument :

MSVOA_X

ClientSampleId :

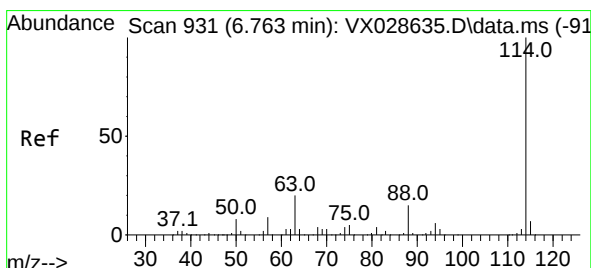
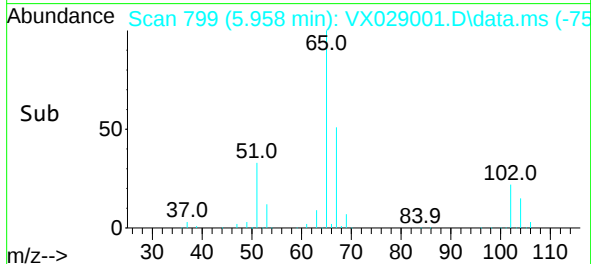
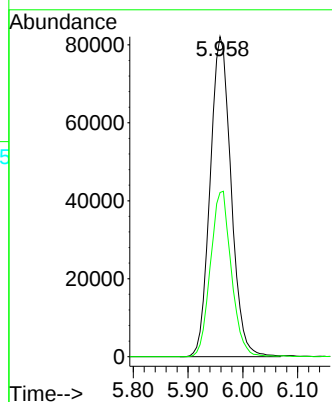
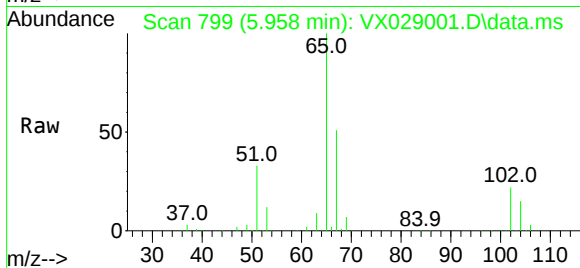
BP-MW163S1-TB-20220524

Tgt Ion: 65 Resp: 217552

Ion Ratio Lower Upper

65 100

67 51.5 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: VX029001.D

Acq: 26 May 2022 16:02

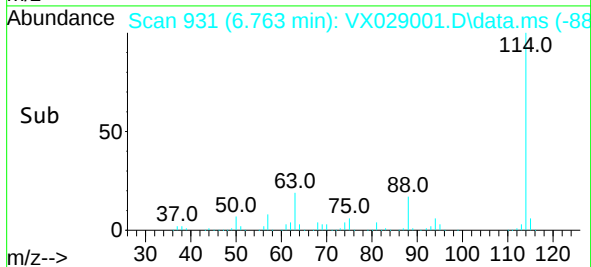
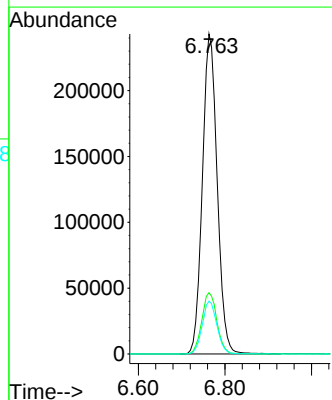
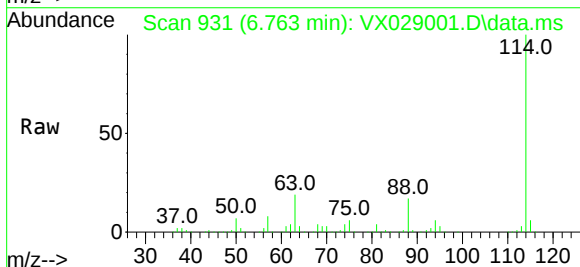
Tgt Ion: 114 Resp: 575856

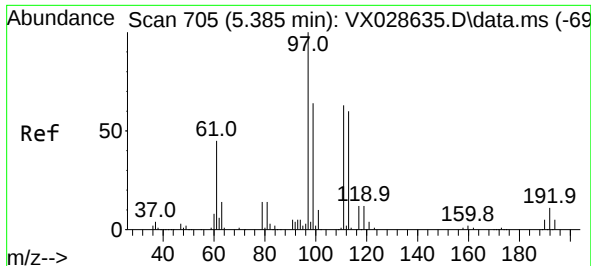
Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.8

88 16.5 0.0 32.4

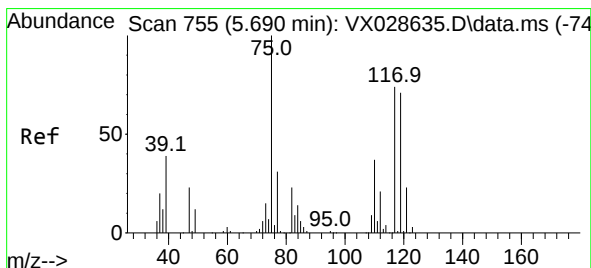
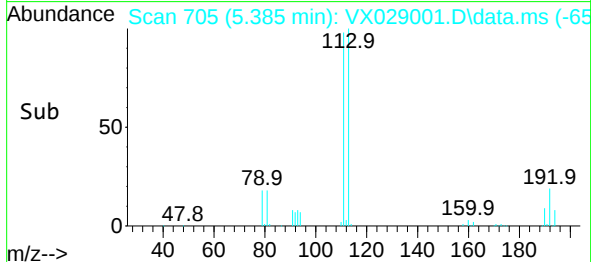
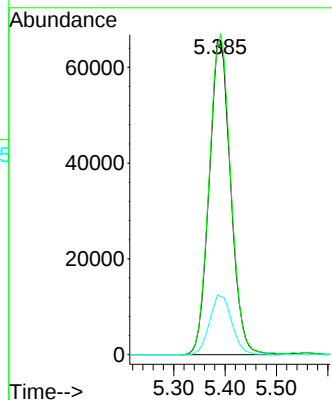
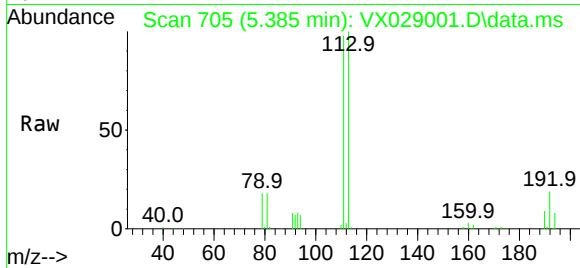




#35
Dibromofluoromethane
Concen: 50.610 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX029001.D
Acq: 26 May 2022 16:02

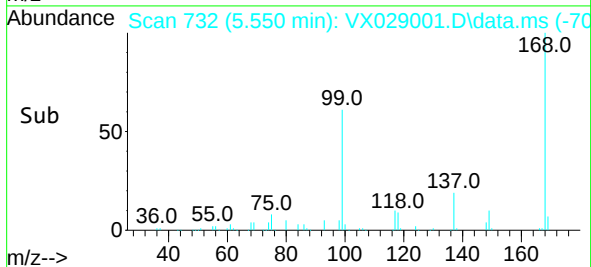
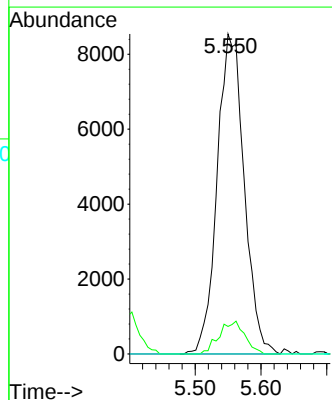
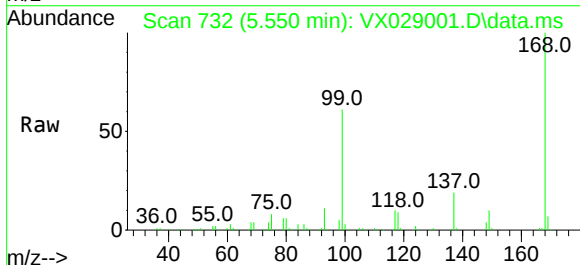
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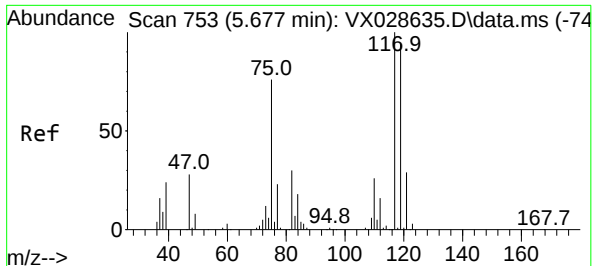
Tgt Ion:113 Resp: 190948
Ion Ratio Lower Upper
113 100
111 102.3 82.8 124.2
192 19.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.309 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX029001.D
Acq: 26 May 2022 16:02

Tgt Ion: 75 Resp: 24416
Ion Ratio Lower Upper
75 100
110 9.8 18.3 54.8#
77 0.0 24.8 37.2#

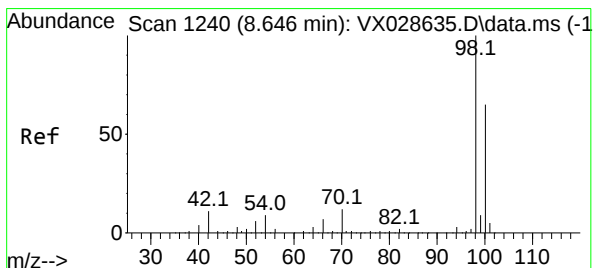
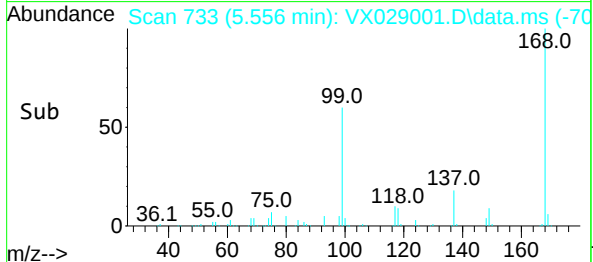
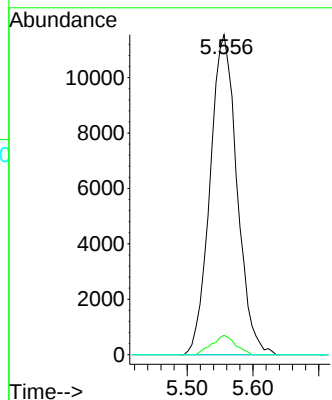
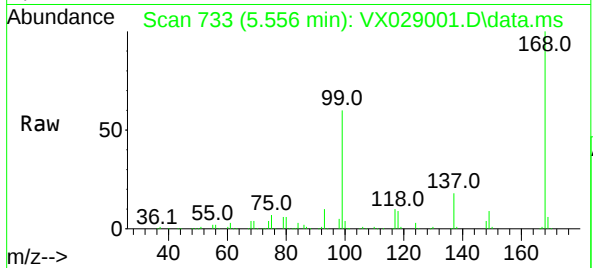




#38
Carbon Tetrachloride
Concen: 5.778 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX029001.D
Acq: 26 May 2022 16:02

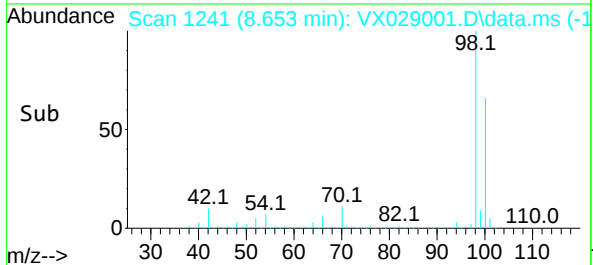
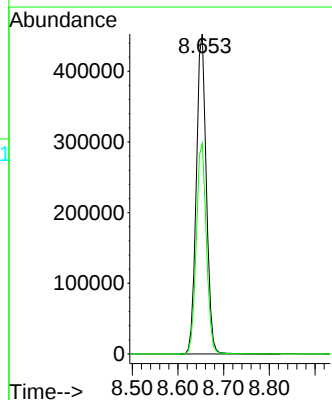
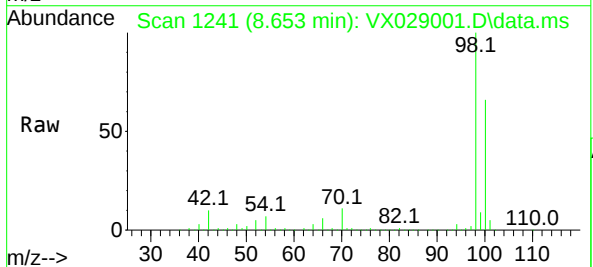
Instrument :
MSVOA_X
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BP-MW163S1-TB-20220524

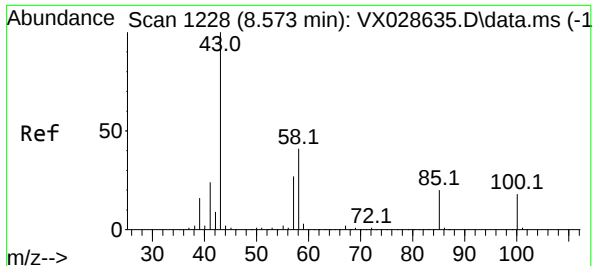
Tgt Ion:117 Resp: 32950
Ion Ratio Lower Upper
117 100
119 6.1 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.346 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX029001.D
Acq: 26 May 2022 16:02

Tgt Ion: 98 Resp: 687698
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.445 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.074 min

Lab File: VX029001.D

Acq: 26 May 2022 16:02

Instrument :

MSVOA_X

ClientSampleId :

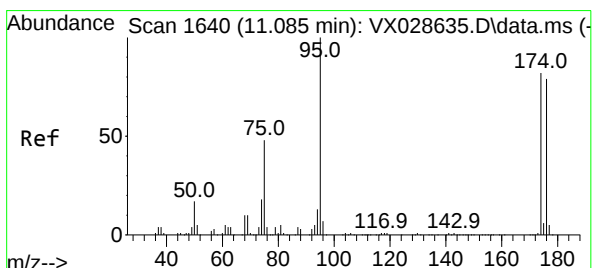
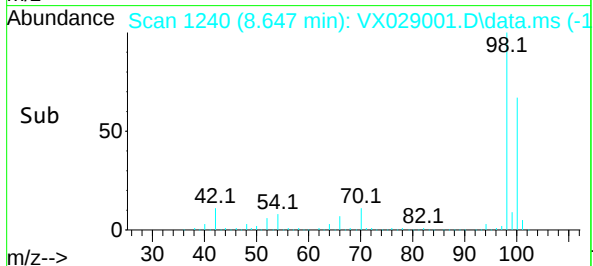
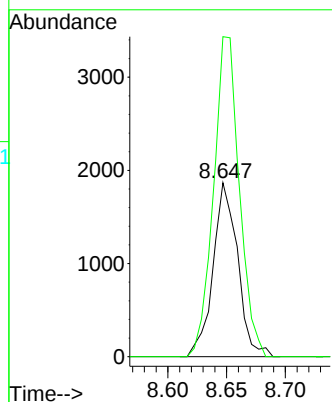
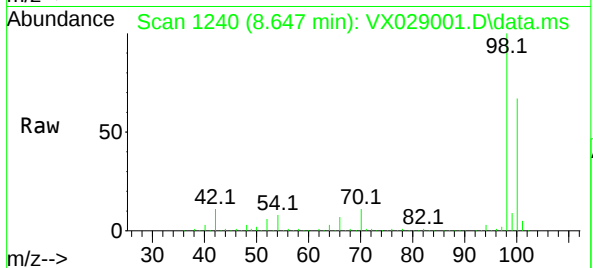
BP-MW163S1-TB-20220524

Tgt Ion: 43 Resp: 2717

Ion Ratio Lower Upper

43 100

58 193.3 36.1 54.1#



#62

4-Bromofluorobenzene

Concen: 50.368 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX029001.D

Acq: 26 May 2022 16:02

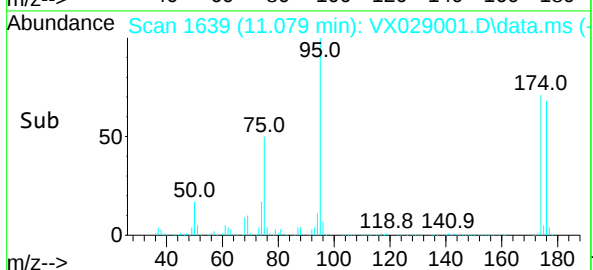
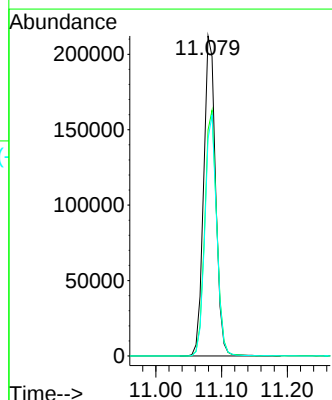
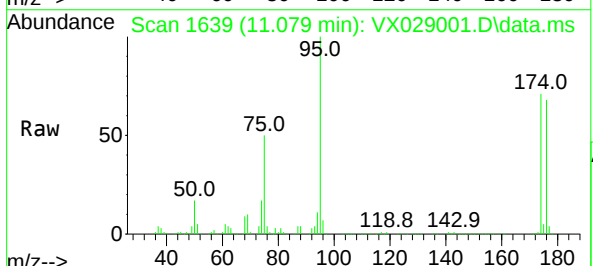
Tgt Ion: 95 Resp: 267606

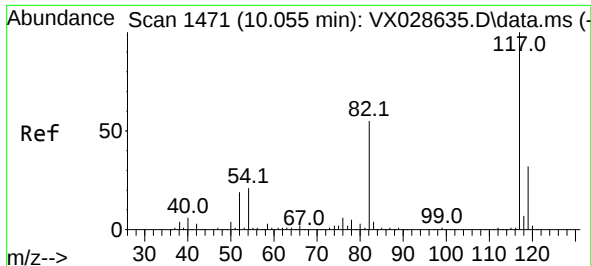
Ion Ratio Lower Upper

95 100

174 77.1 0.0 163.0

176 74.5 0.0 155.0

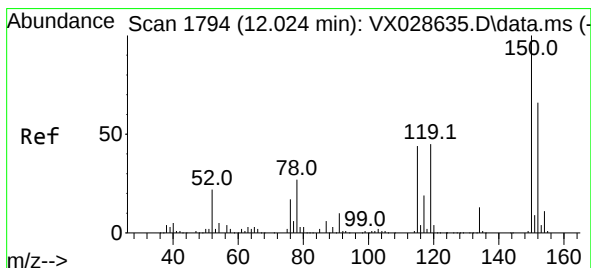
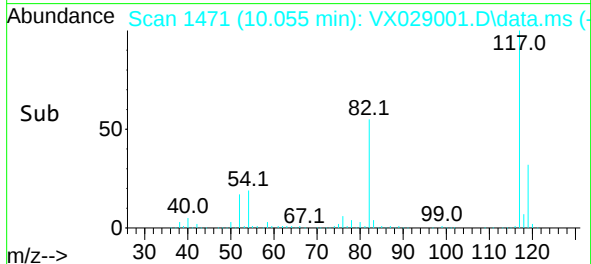
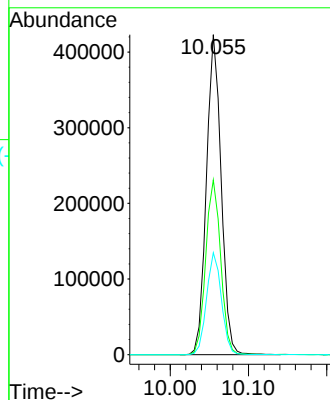
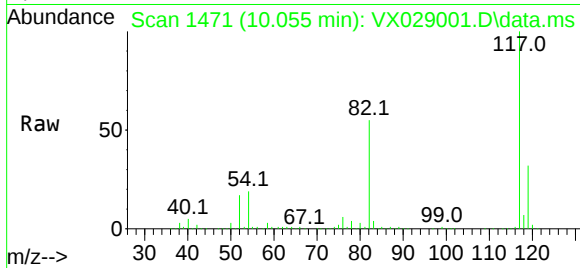




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029001.D
Acq: 26 May 2022 16:02

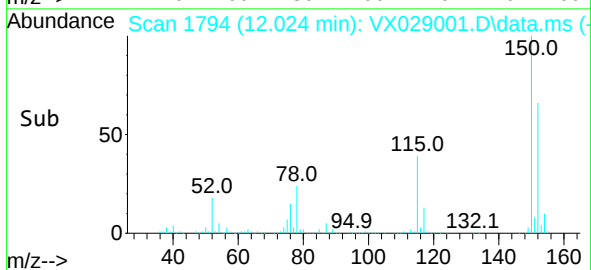
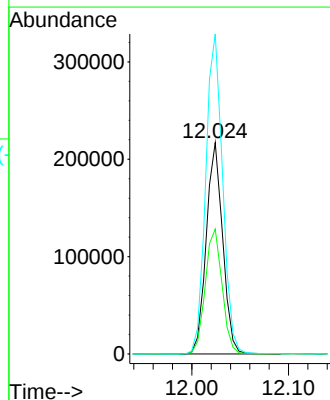
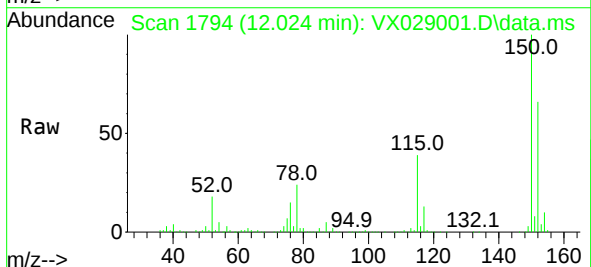
Instrument :
MSVOA_X
ClientSampleId :
BP-MW163S1-TB-20220524

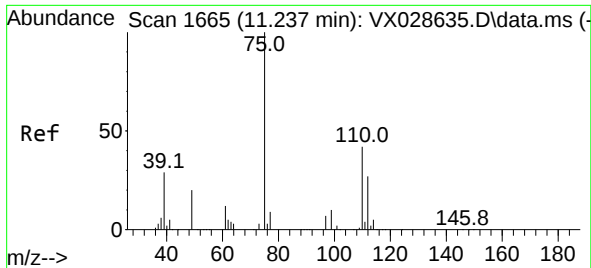
Tgt Ion:117 Resp: 550939
Ion Ratio Lower Upper
117 100
82 54.6 41.8 62.8
119 31.9 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029001.D
Acq: 26 May 2022 16:02

Tgt Ion:152 Resp: 257289
Ion Ratio Lower Upper
152 100
115 60.7 37.5 112.7
150 155.4 0.0 338.2

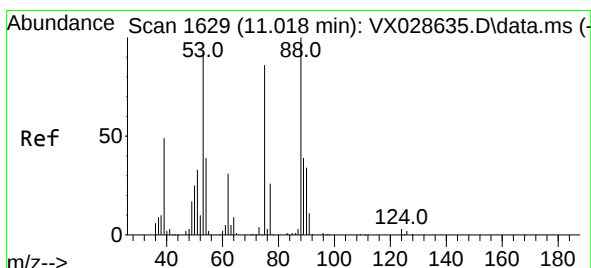
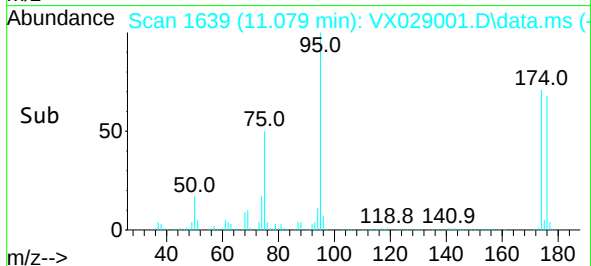
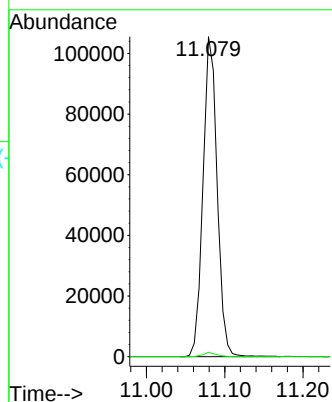
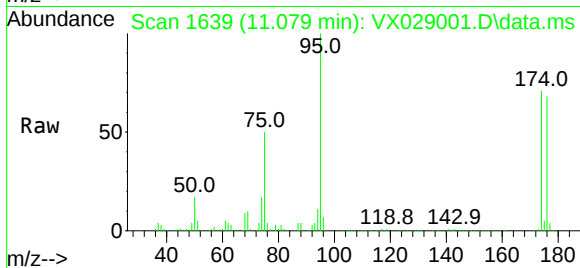




#76
1,2,3-Trichloropropane
Concen: 21.942 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX029001.D
Acq: 26 May 2022 16:02

Instrument : MSVOA_X
ClientSampleId : BP-MW163S1-TB-20220524

Tgt Ion: 75 Resp: 132208
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.260 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029001.D
Acq: 26 May 2022 16:02

Tgt Ion: 75 Resp: 132208
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

