

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
 Data File : VX029643.D
 Acq On : 21 Jun 2022 06:09
 Operator : JC/MD
 Sample : N3354-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-50D

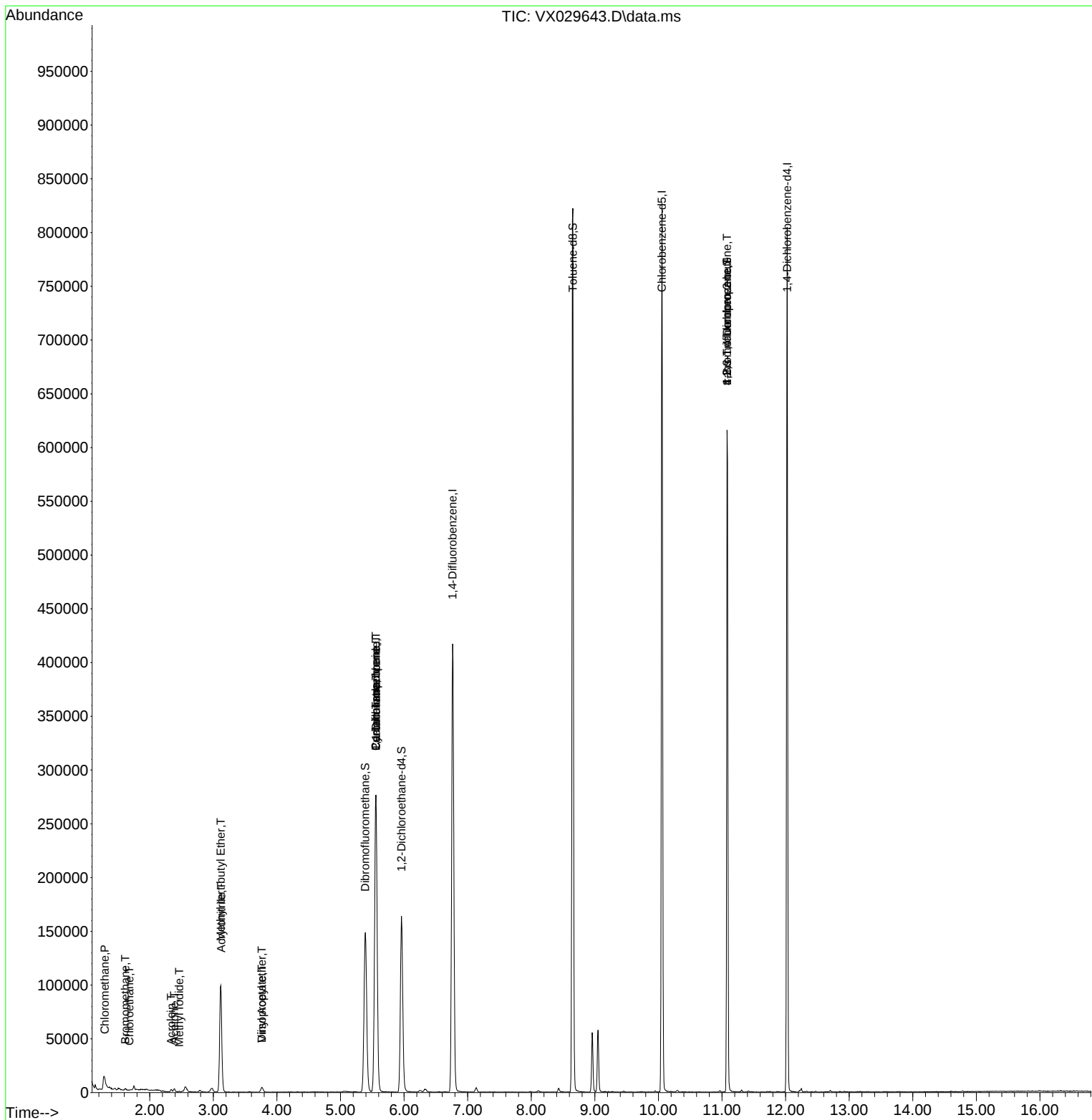
Quant Time: Jun 21 08:47:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

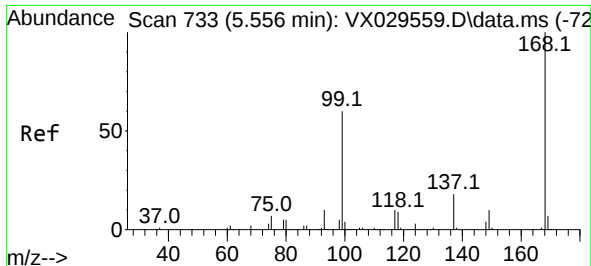
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	264996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	454463	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	387967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	165269	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	152890	43.585	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.180%
35) Dibromofluoromethane	5.385	113	134423	45.388	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.780%
50) Toluene-d8	8.653	98	509482	47.089	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.180%
62) 4-Bromofluorobenzene	11.079	95	180721	44.292	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.580%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	1517	0.439	ug/l #	74
5) Bromomethane	1.618	94	603	0.371	ug/l #	79
6) Chloroethane	1.679	64	713	1.571	ug/l #	43
10) Methyl Iodide	2.465	142	670	3.216	ug/l #	90
11) Tert butyl alcohol	2.977	59	5829	Below Cal	#	72
13) Acrolein	2.337	56	354	1.832	ug/l #	74
15) Acrylonitrile	3.124	53	1097	0.669	ug/l #	3
16) Acetone	2.386	43	3301	2.361	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	118359	12.699	ug/l	98
22) Diisopropyl ether	3.764	45	4931	0.575	ug/l #	82
23) Vinyl Acetate	3.764	43	2387	0.333	ug/l #	66
31) Cyclohexane	5.556	56	4946	1.050	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	19587	4.886	ug/l #	45
38) Carbon Tetrachloride	5.556	117	26773	6.792	ug/l #	15
44) Trichloroethene	7.135	130	1736	Below Cal		78
76) 1,2,3-Trichloropropane	11.079	75	87218	24.225	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	87218	80.589	ug/l #	15

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

Quant Time: Jun 21 08:47:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260
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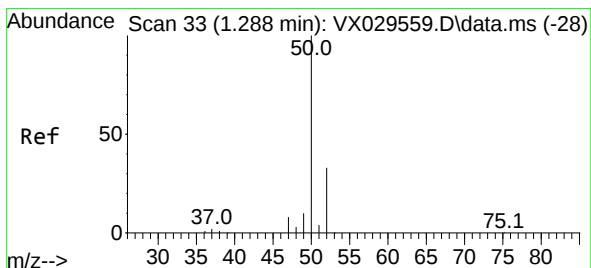
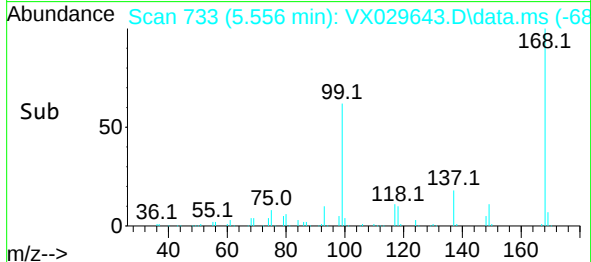
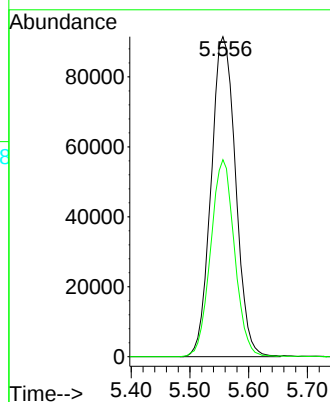
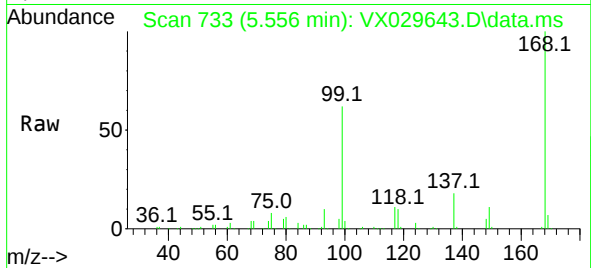




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX029643.D
Acq: 21 Jun 2022 06:09

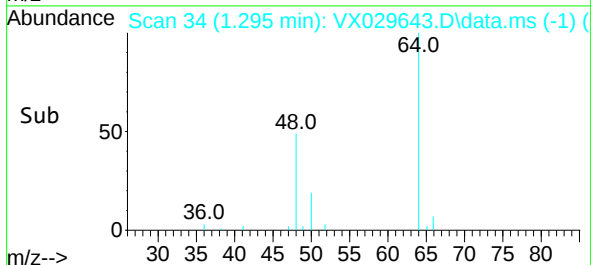
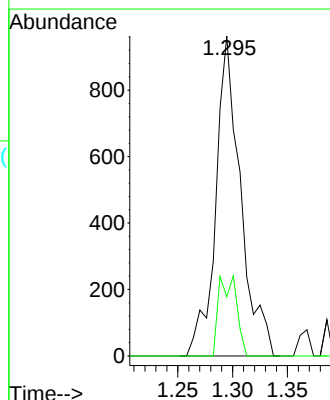
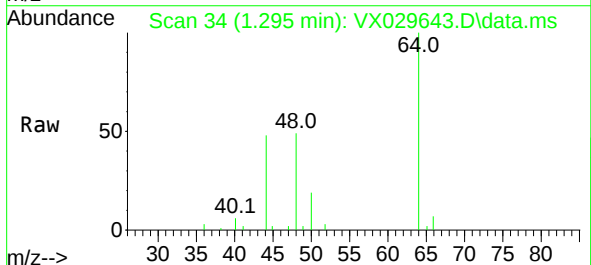
Instrument :
MSVOA_X
ClientSampleId :
MW-50D

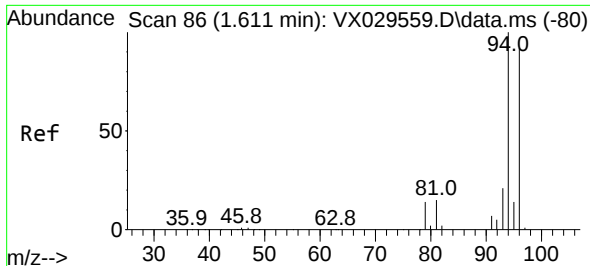
Tgt Ion:168 Resp: 264996
Ion Ratio Lower Upper
168 100
99 61.5 41.7 62.5



#3
Chloromethane
Concen: 0.439 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.007 min
Lab File: VX029643.D
Acq: 21 Jun 2022 06:09

Tgt Ion: 50 Resp: 1517
Ion Ratio Lower Upper
50 100
52 18.5 26.4 39.6#

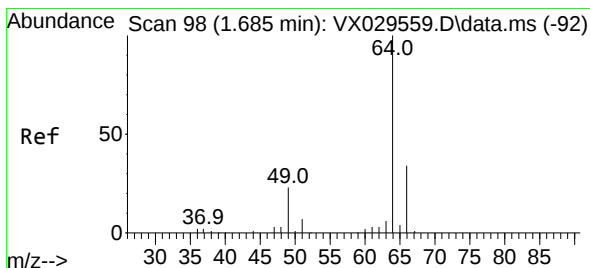
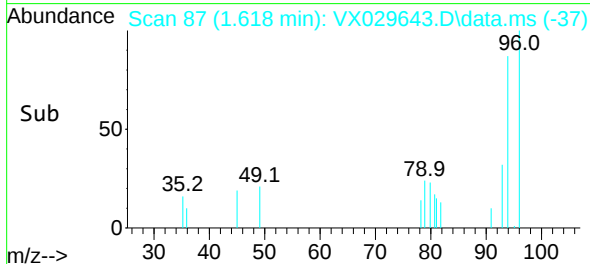
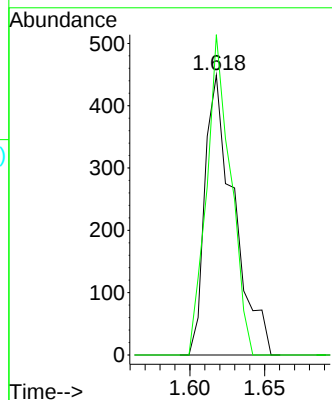
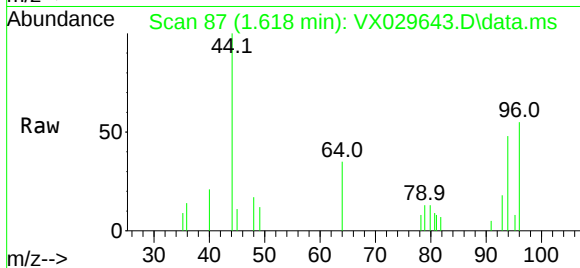




#5
Bromomethane
Concen: 0.371 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.007 min
Lab File: VX029643.D
Acq: 21 Jun 2022 06:09

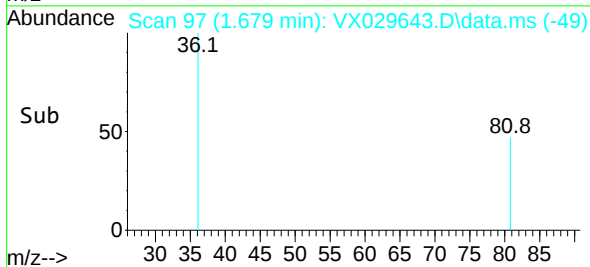
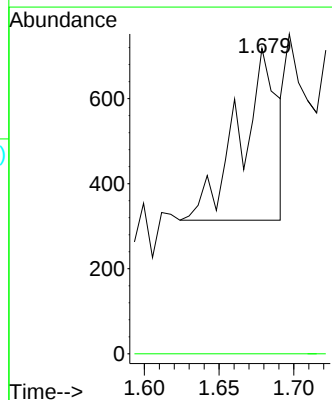
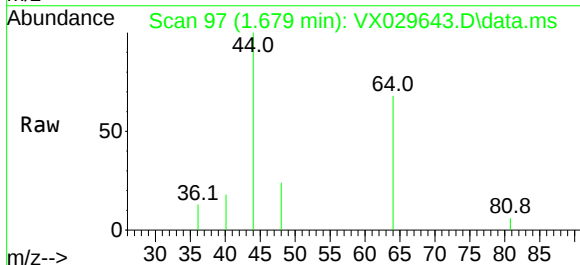
Instrument :
MSVOA_X
ClientSampleId :
MW-50D

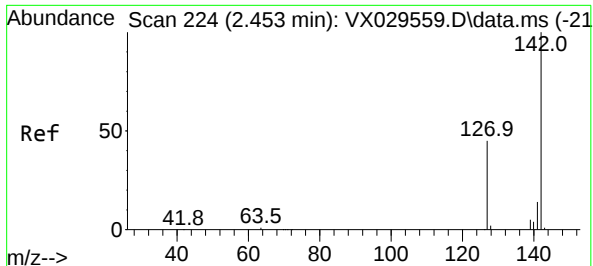
Tgt Ion: 94 Resp: 603
Ion Ratio Lower Upper
94 100
96 114.5 75.3 112.9#



#6
Chloroethane
Concen: 1.571 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.006 min
Lab File: VX029643.D
Acq: 21 Jun 2022 06:09

Tgt Ion: 64 Resp: 713
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

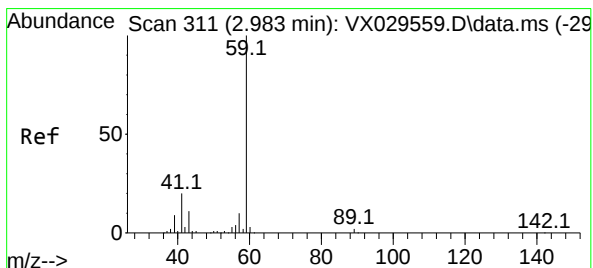
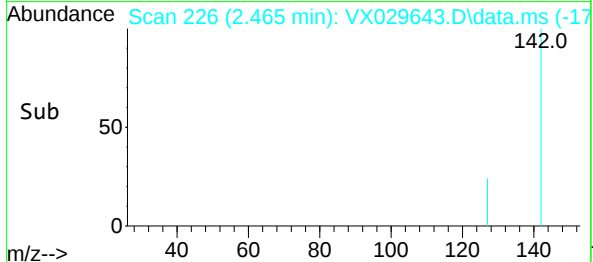
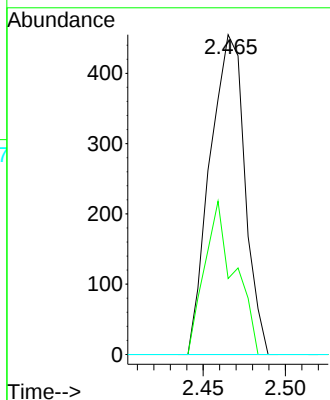
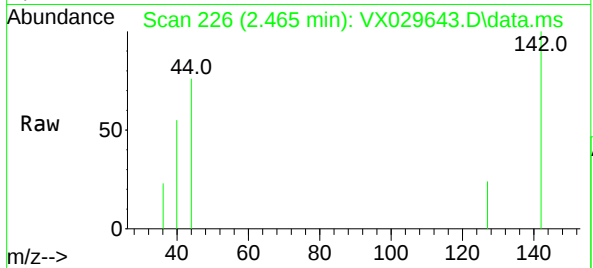




#10
Methyl Iodide
Concen: 3.216 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX029643.D
Acq: 21 Jun 2022 06:09

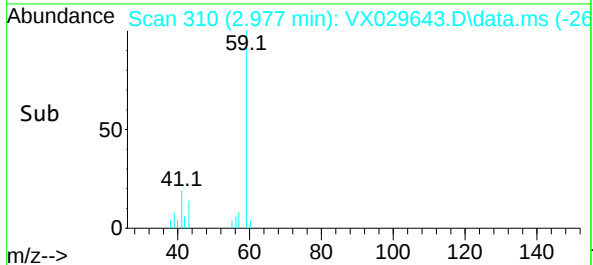
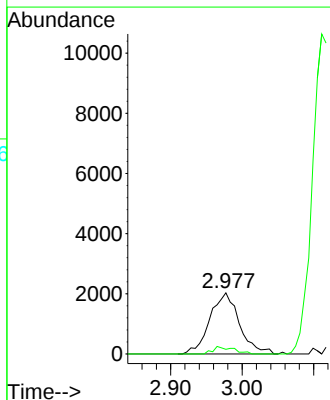
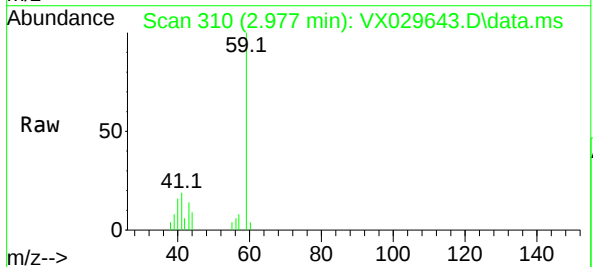
Instrument :
MSVOA_X
ClientSampleId :
MW-50D

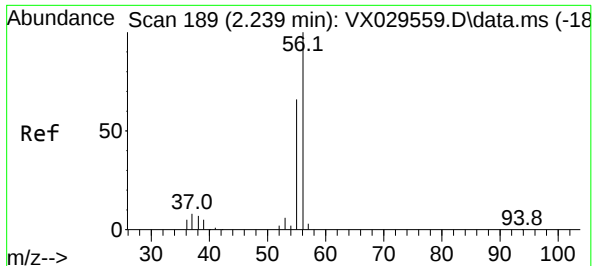
Tgt Ion:142 Resp: 670
Ion Ratio Lower Upper
142 100
127 41.3 33.9 50.9
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX029643.D
Acq: 21 Jun 2022 06:09

Tgt Ion: 59 Resp: 5829
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#13

Acrolein

Concen: 1.832 ug/l

RT: 2.337 min Scan# 205

Delta R.T. 0.098 min

Lab File: VX029643.D

Acq: 21 Jun 2022 06:09

Instrument :

MSVOA_X

ClientSampleId :

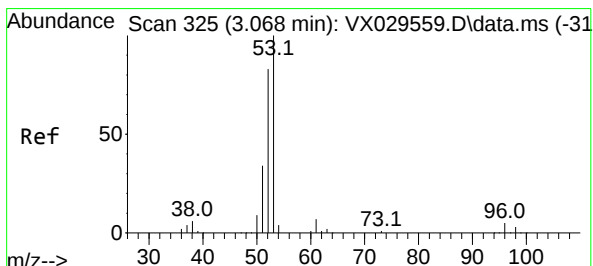
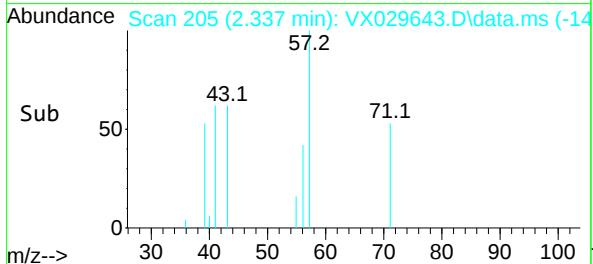
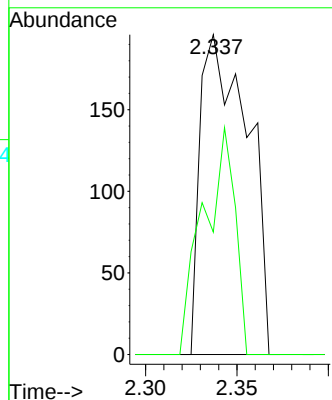
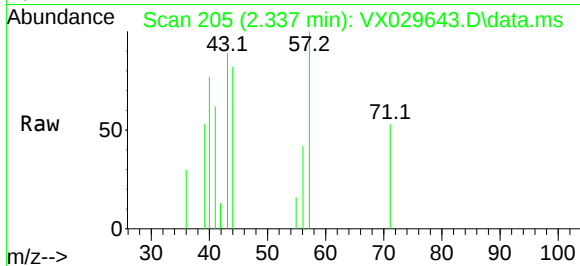
MW-50D

Tgt Ion: 56 Resp: 354

Ion Ratio Lower Upper

56 100

55 47.5 55.0 82.6#



#15

Acrylonitrile

Concen: 0.669 ug/l

RT: 3.124 min Scan# 334

Delta R.T. 0.056 min

Lab File: VX029643.D

Acq: 21 Jun 2022 06:09

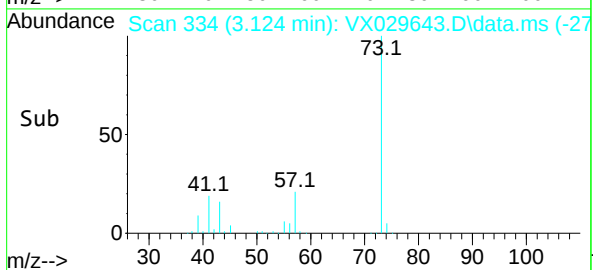
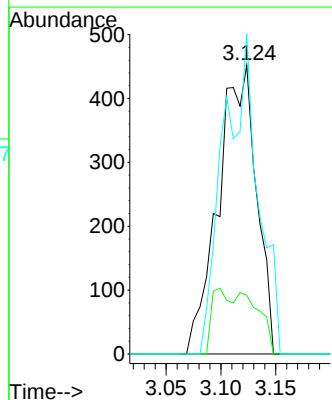
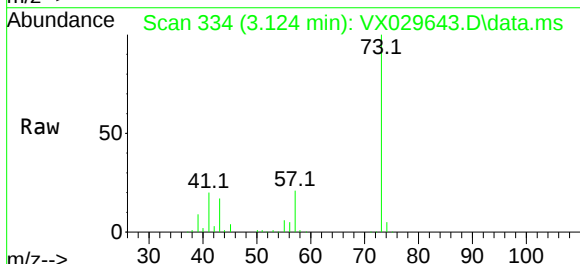
Tgt Ion: 53 Resp: 1097

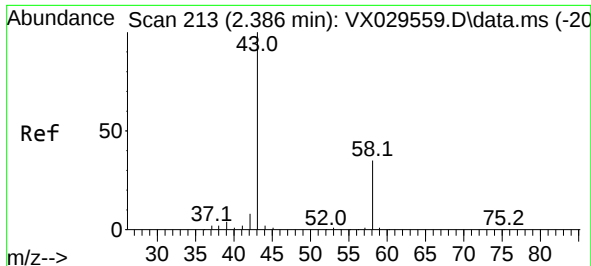
Ion Ratio Lower Upper

53 100

52 0.0 65.7 98.5#

51 99.9 28.4 42.6#

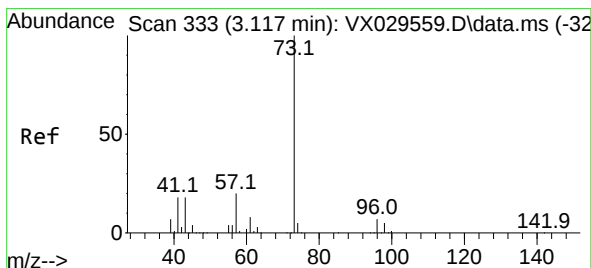
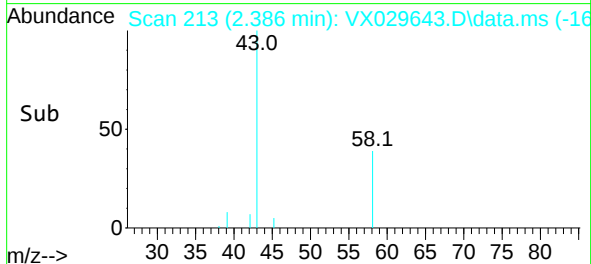
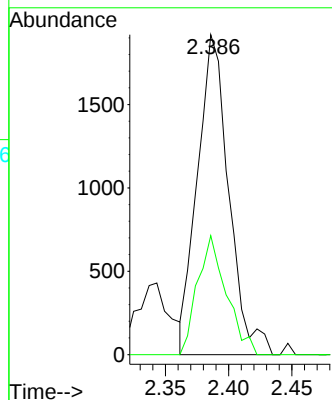
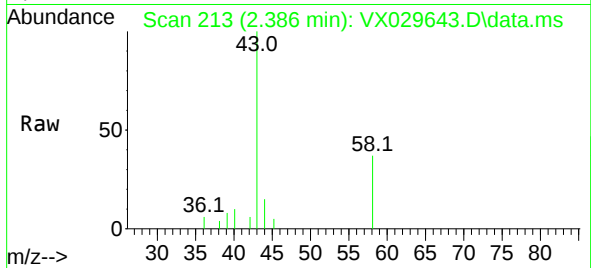




#16
Acetone
Concen: 2.361 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX029643.D
Acq: 21 Jun 2022 06:09

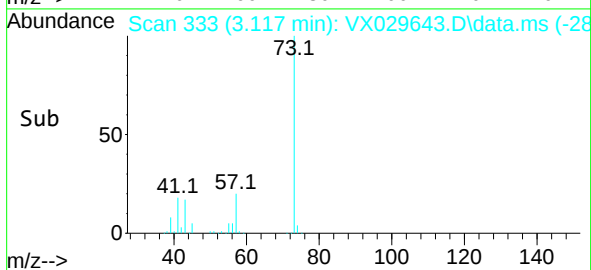
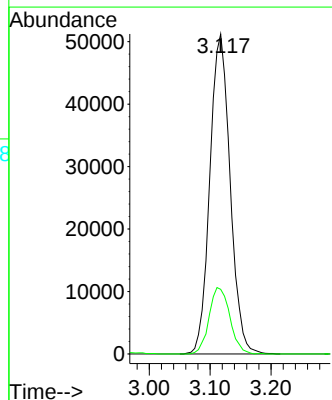
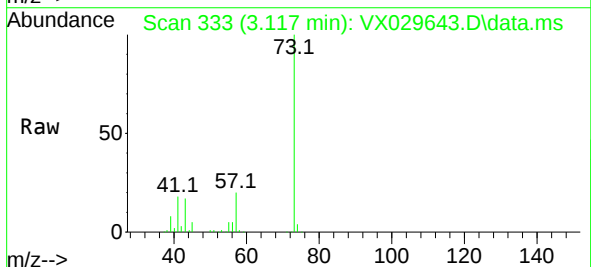
Instrument :
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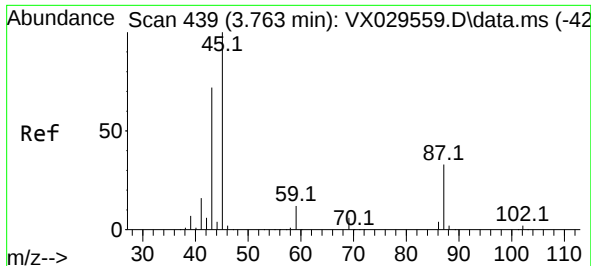
Tgt Ion: 43 Resp: 3301
Ion Ratio Lower Upper
43 100
58 37.2 28.8 43.2



#19
Methyl tert-butyl Ether
Concen: 12.699 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX029643.D
Acq: 21 Jun 2022 06:09

Tgt Ion: 73 Resp: 118359
Ion Ratio Lower Upper
73 100
57 20.2 16.8 25.2

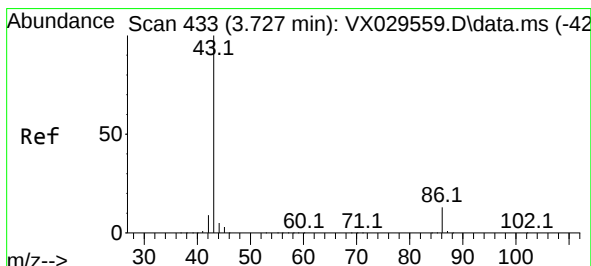
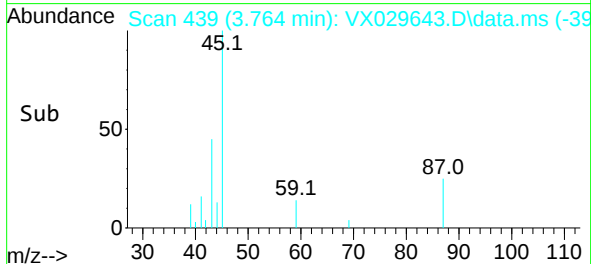
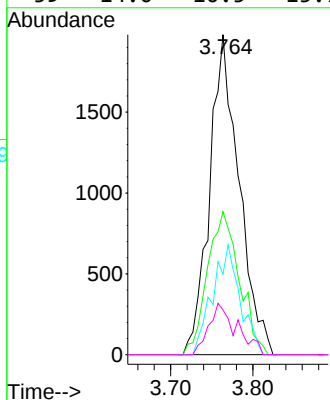
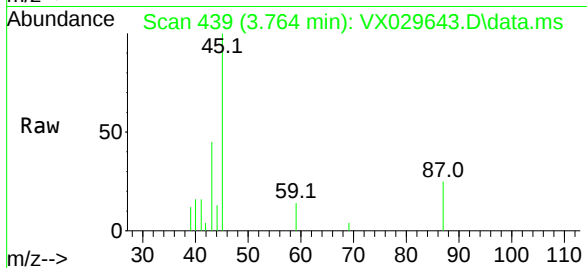




#22
Diisopropyl ether
Concen: 0.575 ug/l
RT: 3.764 min Scan# 41
Delta R.T. 0.001 min
Lab File: VX029643.D
Acq: 21 Jun 2022 06:09

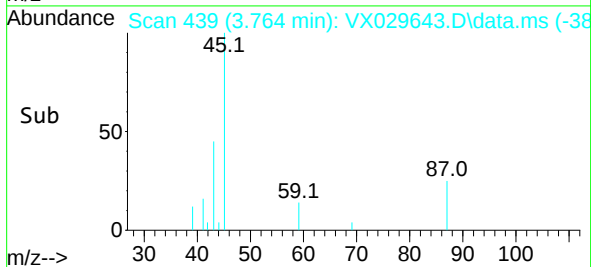
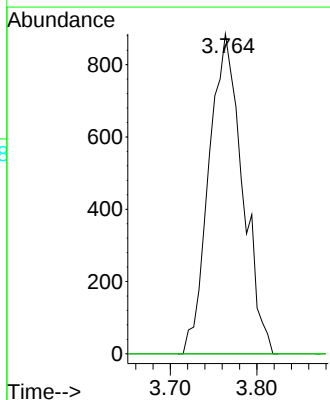
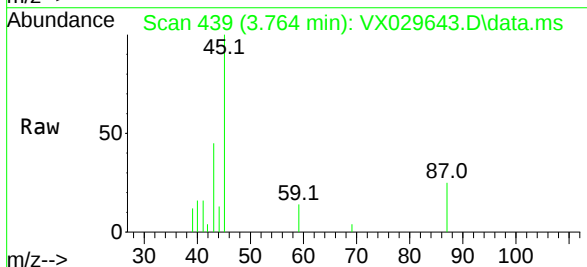
Instrument :
MSVOA_X
ClientSampleId :
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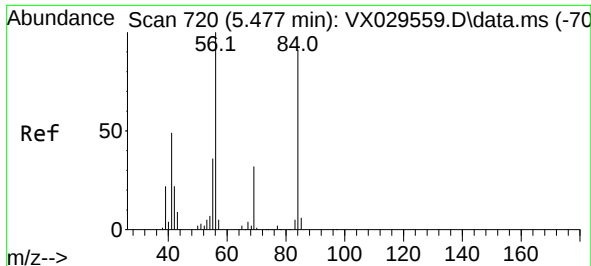
Tgt Ion:	45	Resp:	4931
Ion	Ratio	Lower	Upper
45	100		
43	44.7	50.8	76.2#
87	25.2	26.6	39.8#
59	14.0	10.5	15.7



#23
Vinyl Acetate
Concen: 0.333 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.037 min
Lab File: VX029643.D
Acq: 21 Jun 2022 06:09

Tgt Ion:	43	Resp:	2387
Ion	Ratio	Lower	Upper
43	100		
86	0.0	10.8	16.2#

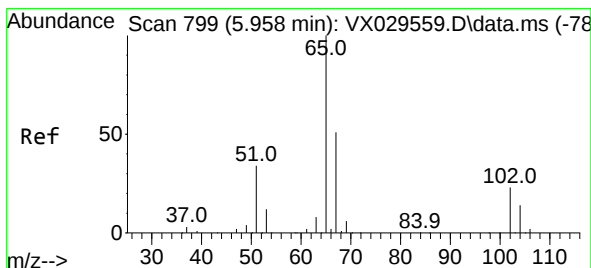
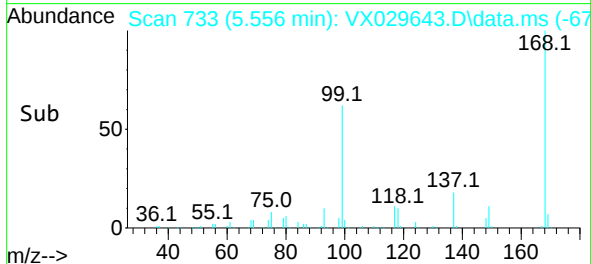
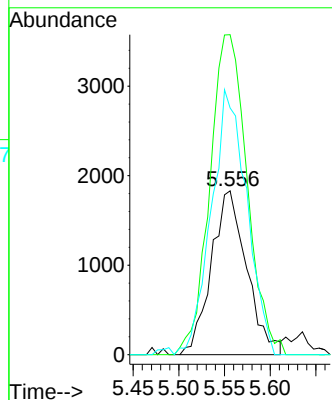
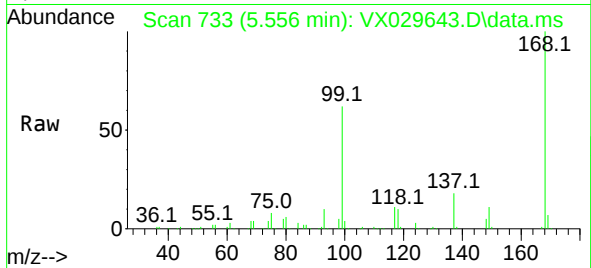




#31
Cyclohexane
Concen: 1.050 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.079 min
Lab File: VX029643.D
Acq: 21 Jun 2022 06:09

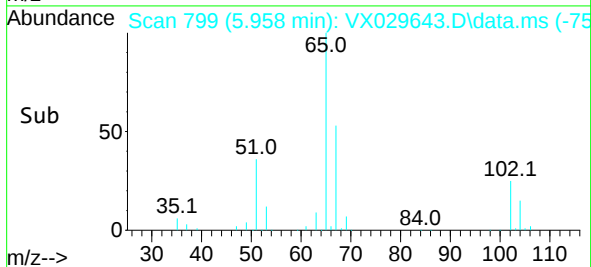
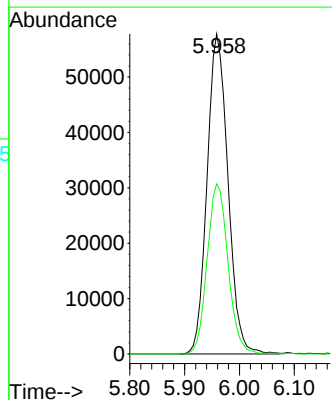
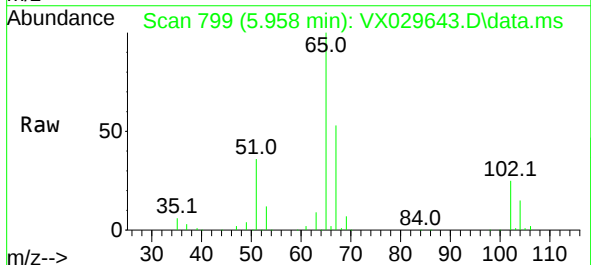
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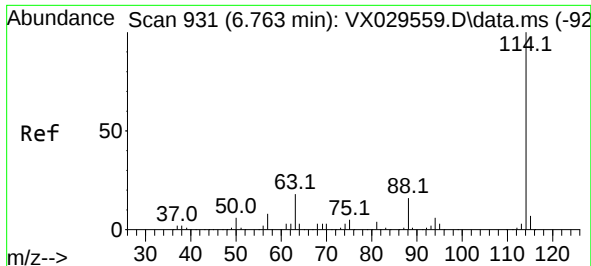
Tgt Ion: 56 Resp: 4946
Ion Ratio Lower Upper
56 100
69 190.8 26.7 40.1#
84 150.6 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 43.585 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029643.D
Acq: 21 Jun 2022 06:09

Tgt Ion: 65 Resp: 152890
Ion Ratio Lower Upper
65 100
67 53.2 0.0 107.4

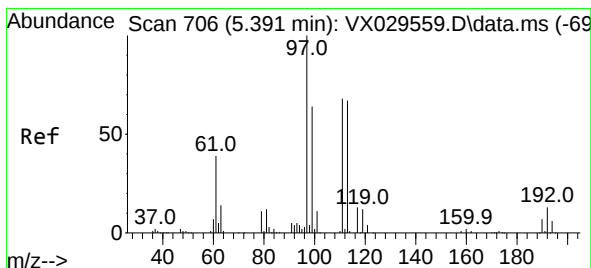
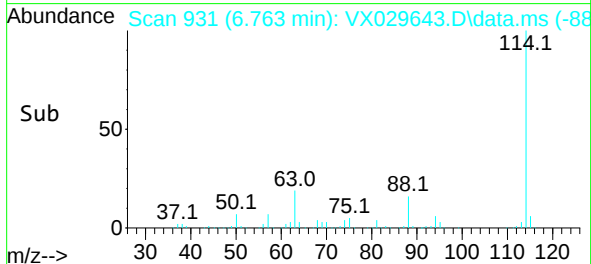
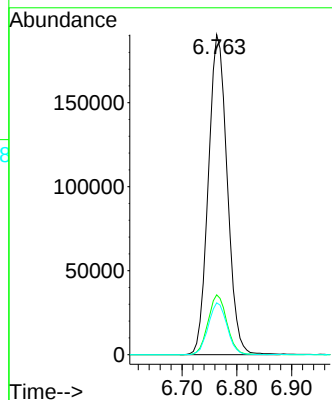
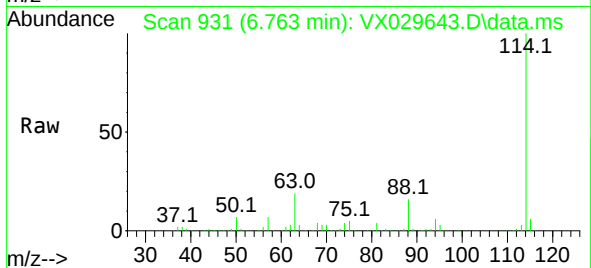




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX029643.D
Acq: 21 Jun 2022 06:09

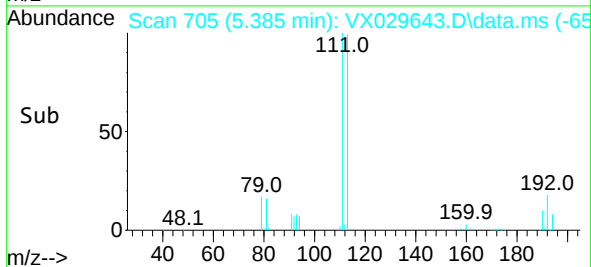
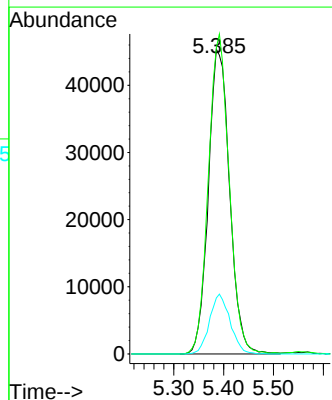
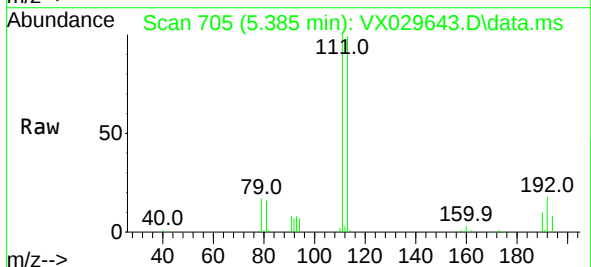
Instrument :
MSVOA_X
ClientSampleId :
MW-50D

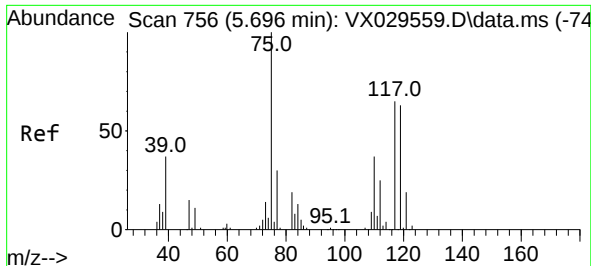
Tgt Ion:114 Resp: 454463
Ion Ratio Lower Upper
114 100
63 18.7 0.0 36.8
88 16.2 0.0 32.4



#35
Dibromofluoromethane
Concen: 45.388 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX029643.D
Acq: 21 Jun 2022 06:09

Tgt Ion:113 Resp: 134423
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 19.0 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.886 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX029643.D

Acq: 21 Jun 2022 06:09

Instrument :

MSVOA_X

ClientSampleId :

MW-50D

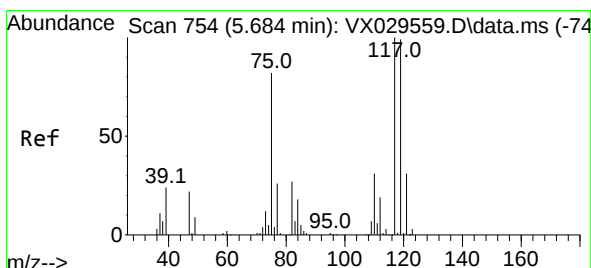
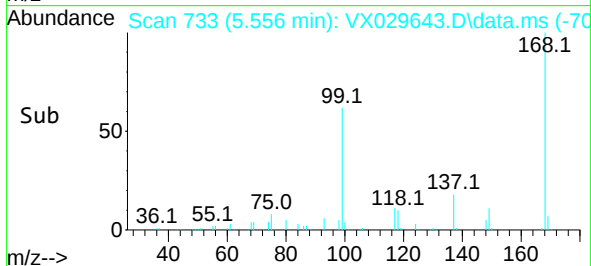
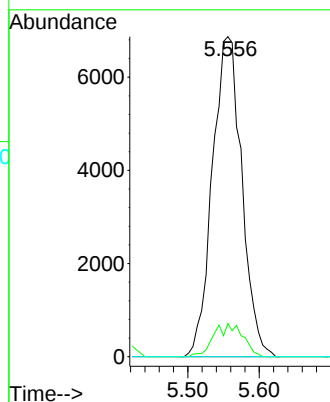
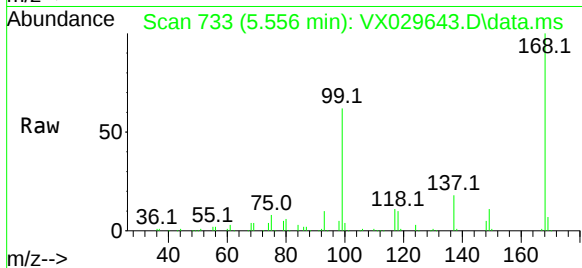
Tgt Ion: 75 Resp: 19587

Ion Ratio Lower Upper

75 100

110 4.3 18.3 54.8#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.792 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX029643.D

Acq: 21 Jun 2022 06:09

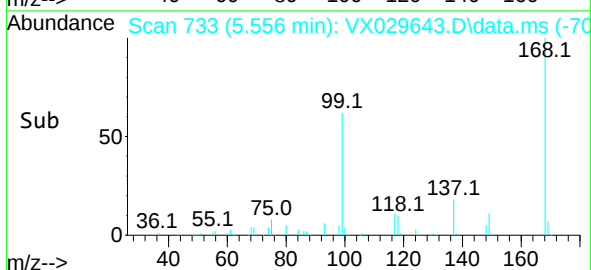
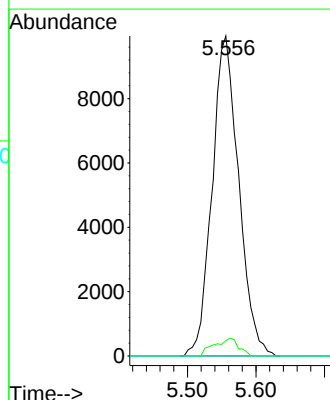
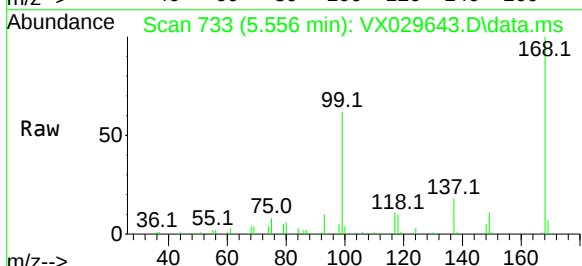
Tgt Ion: 117 Resp: 26773

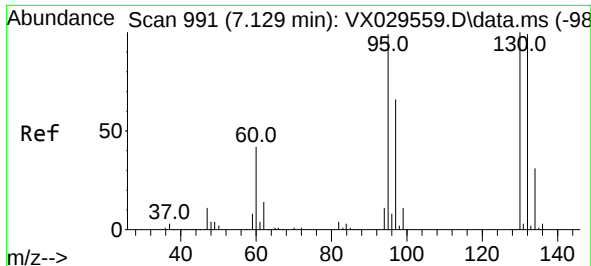
Ion Ratio Lower Upper

117 100

119 4.8 77.3 115.9#

121 0.0 24.2 36.2#

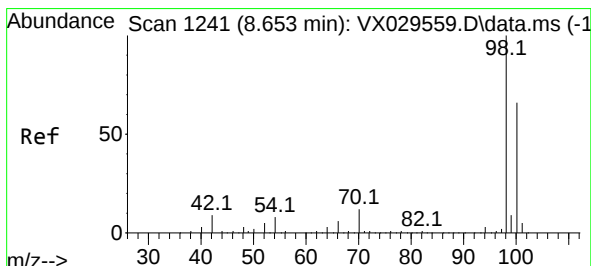
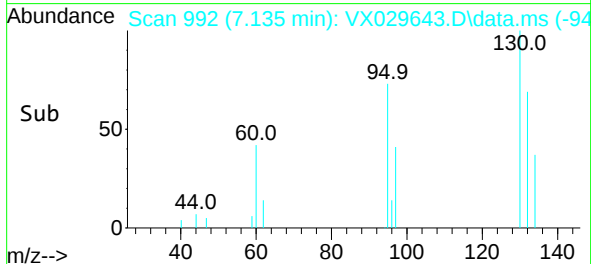
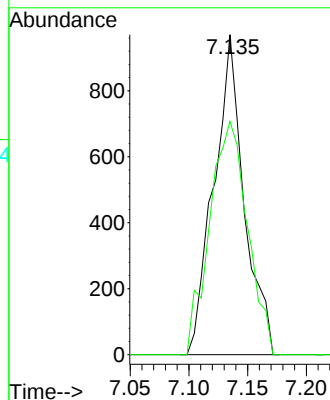
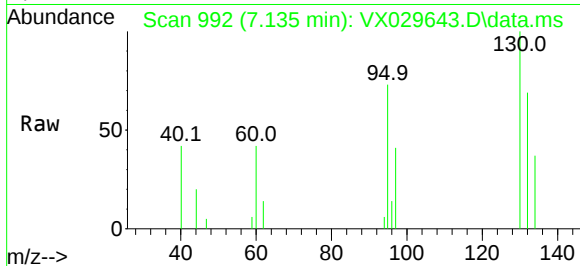




#44
 Trichloroethene
 Concen: Below Cal
 RT: 7.135 min Scan# 991
 Delta R.T. 0.006 min
 Lab File: VX029643.D
 Acq: 21 Jun 2022 06:09

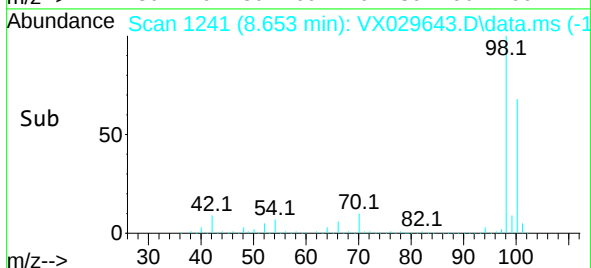
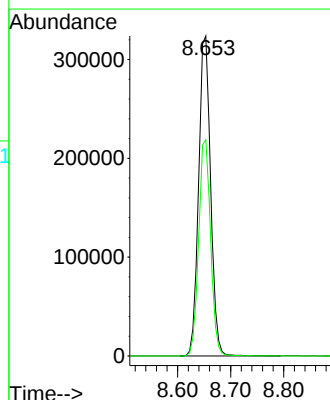
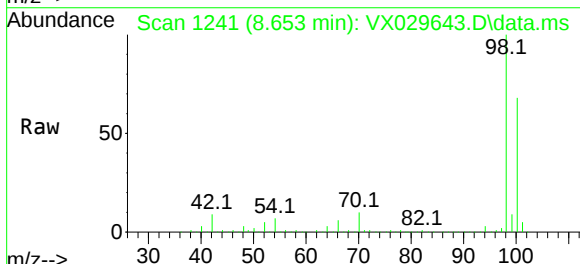
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-50D

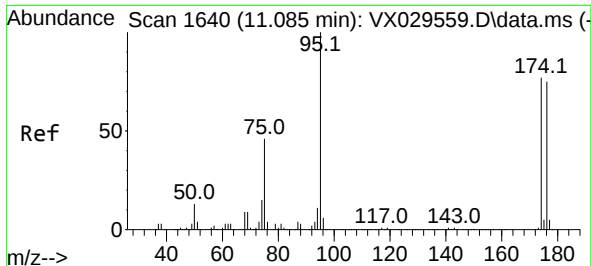
Tgt Ion:130 Resp: 1736
 Ion Ratio Lower Upper
 130 100
 95 72.9 0.0 188.8



#50
 Toluene-d8
 Concen: 47.089 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. 0.000 min
 Lab File: VX029643.D
 Acq: 21 Jun 2022 06:09

Tgt Ion: 98 Resp: 509482
 Ion Ratio Lower Upper
 98 100
 100 67.4 52.6 78.8





#62

4-Bromofluorobenzene

Concen: 44.292 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX029643.D

Acq: 21 Jun 2022 06:09

Instrument :

MSVOA_X

ClientSampleId :

MW-50D

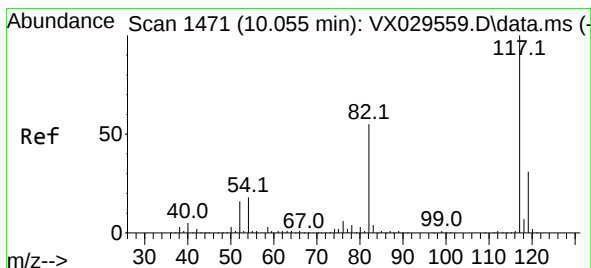
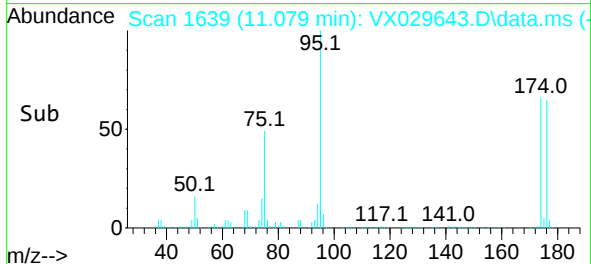
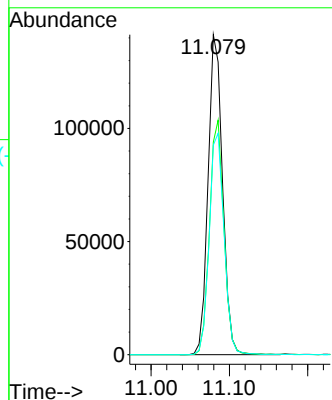
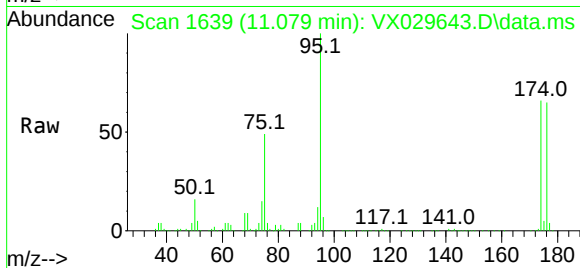
Tgt Ion: 95 Resp: 180721

Ion Ratio Lower Upper

95 100

174 72.9 0.0 163.0

176 70.7 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: VX029643.D

Acq: 21 Jun 2022 06:09

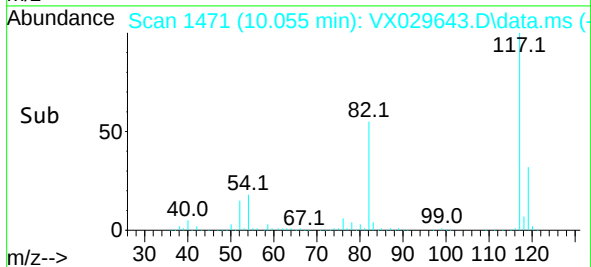
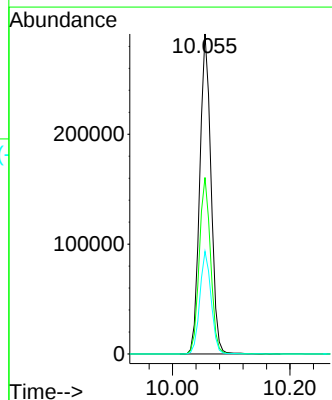
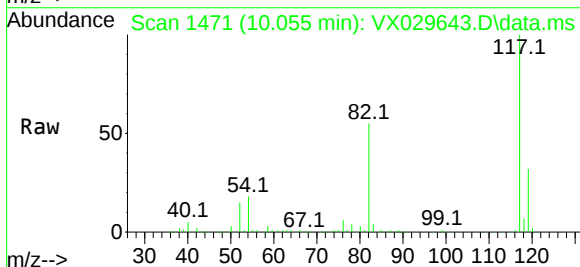
Tgt Ion: 117 Resp: 387967

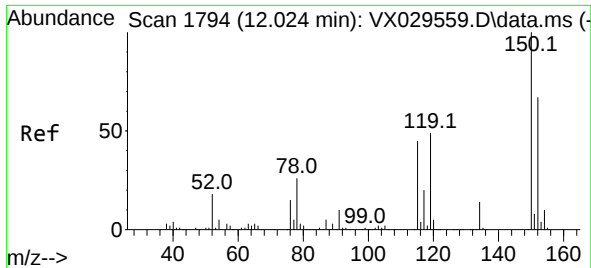
Ion Ratio Lower Upper

117 100

82 55.1 41.8 62.8

119 32.0 24.8 37.2

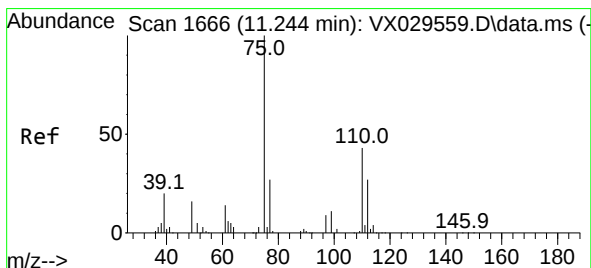
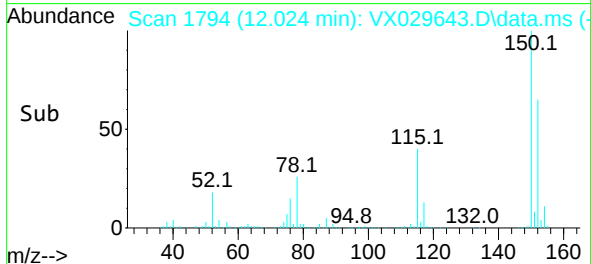
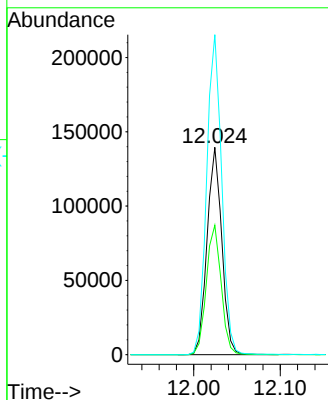
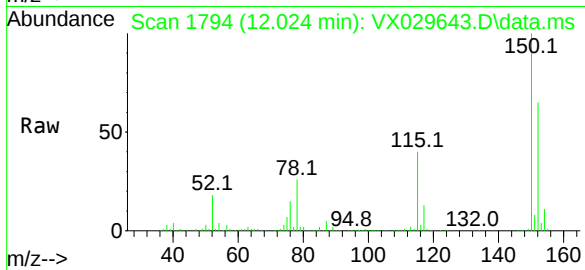




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029643.D
 Acq: 21 Jun 2022 06:09

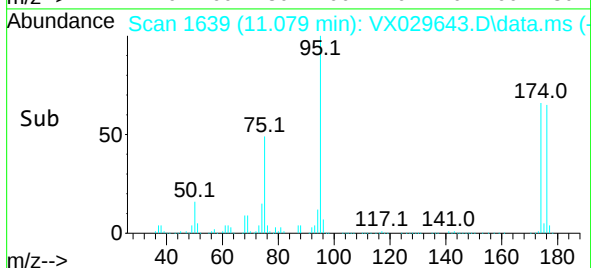
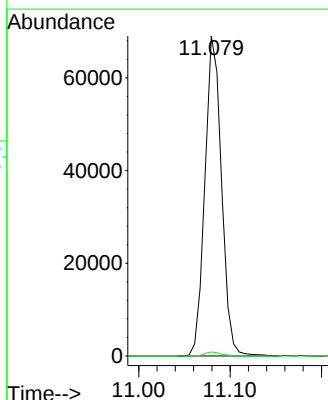
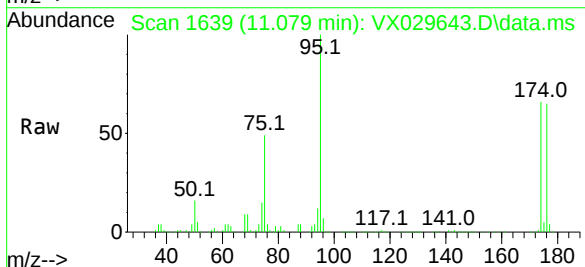
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-50D

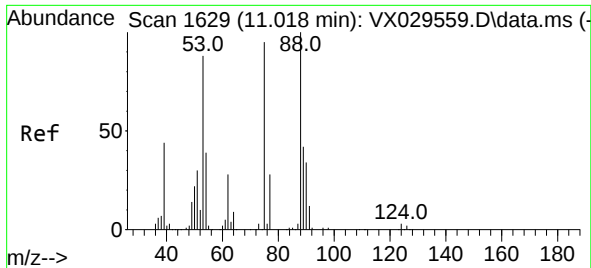
Tgt Ion:152 Resp: 165269
 Ion Ratio Lower Upper
 152 100
 115 62.7 37.5 112.7
 150 156.8 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 24.225 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX029643.D
 Acq: 21 Jun 2022 06:09

Tgt Ion: 75 Resp: 87218
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.589 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX029643.D
 Acq: 21 Jun 2022 06:09

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-50D

Tgt Ion: 75 Resp: 87218
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

