

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX063020\
 Data File : VX017054.D
 Acq On : 30 Jun 2020 18:41
 Operator : JC/SP
 Sample : L3123-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-1

Quant Time: Jul 01 09:35:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

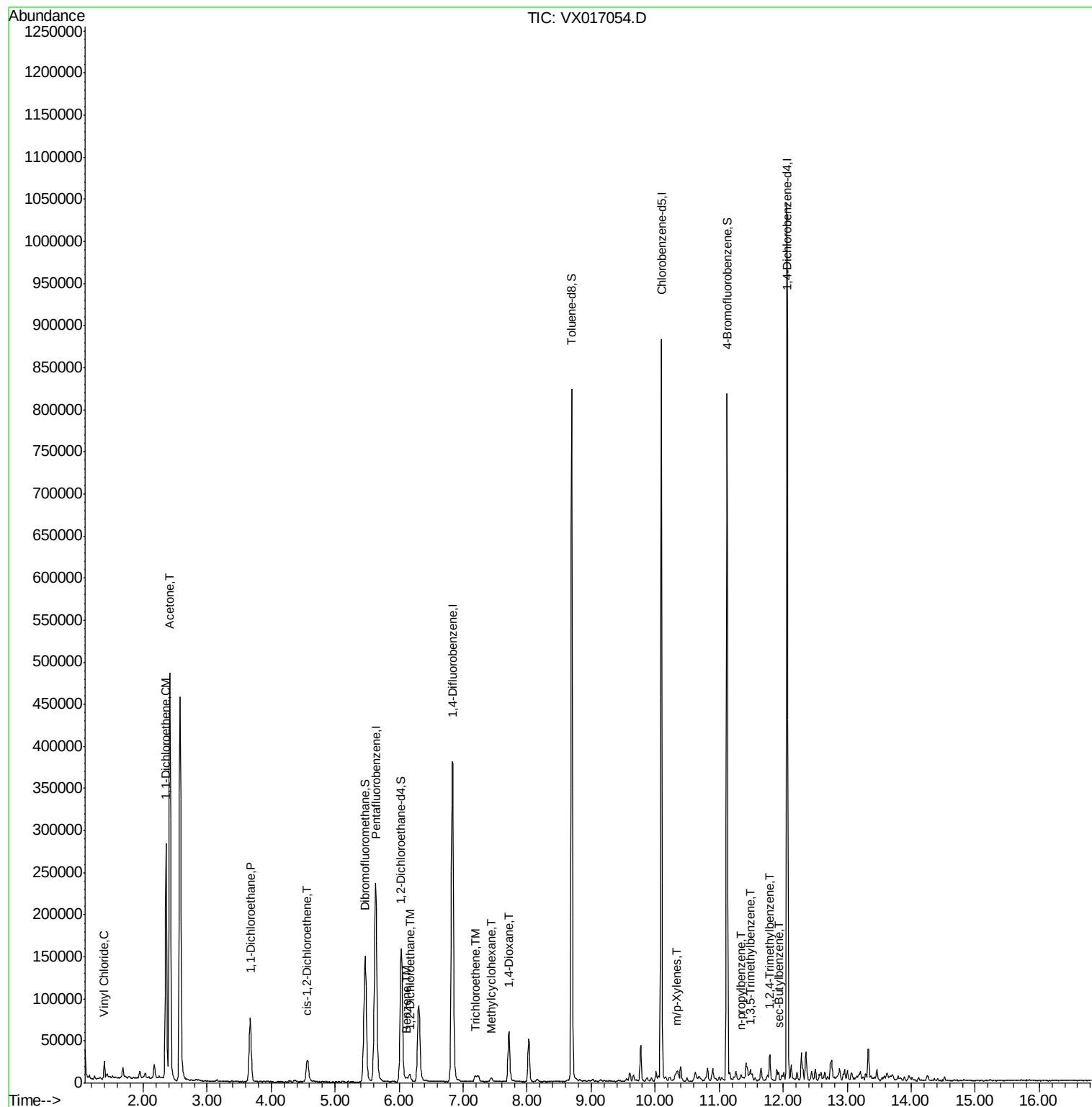
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	229520	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	393974	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	406789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	219307	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	150662	53.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.50%	
35) Dibromofluoromethane	5.47	113	129218	51.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.70%	
50) Toluene-d8	8.70	98	478414	51.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.82%	
62) 4-Bromofluorobenzene	11.12	95	203495	56.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.98%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.39	62	11394	4.569	ug/l	99
12) 1,1-Dichloroethene	2.36	96	96119	42.329	ug/l	98
16) Acetone	2.42	43	509918	481.738	ug/l	99
24) 1,1-Dichloroethane	3.67	63	84753	19.177	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	16507	5.781	ug/l	92
39) Methylcyclohexane	7.44	83	2033	0.491	ug/l	96
40) Benzene	6.11	78	3936	0.360	ug/l #	80
42) 1,2-Dichloroethane	6.17	62	9250	2.341	ug/l	94
44) Trichloroethene	7.19	130	2605	0.557	ug/l	73
49) 1,4-Dioxane	7.71	88	44869	664.046	ug/l	96
68) m/p-Xylenes	10.34	106	1968	0.366	ug/l	95
78) n-propylbenzene	11.35	91	3726	0.229	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	4423	0.371	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	12367	1.023	ug/l	95
85) sec-Butylbenzene	11.93	105	3782	0.275	ug/l #	55

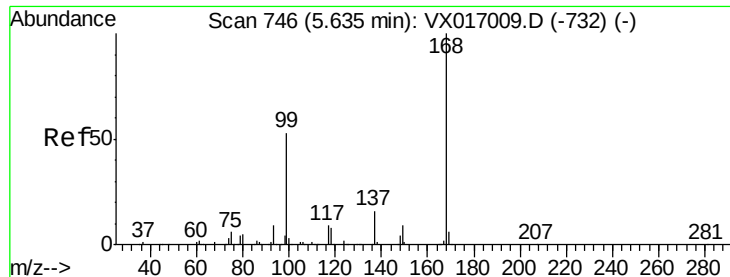
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 01 09:35:46 2020
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Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017054.D

Acq: 30 Jun 2020 18:41

Instrument :

MSVOA_X

ClientSampleId :

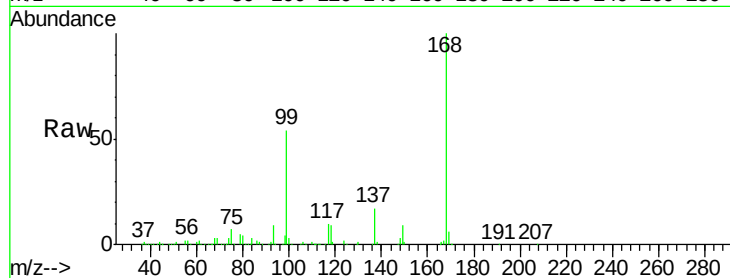
DUP-1

Tot Ion:168 Resp: 229520

Ion Ratio Lower Upper

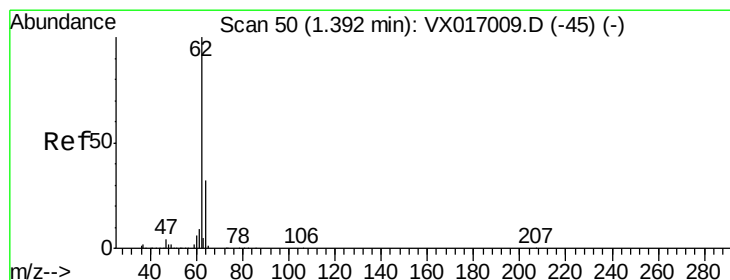
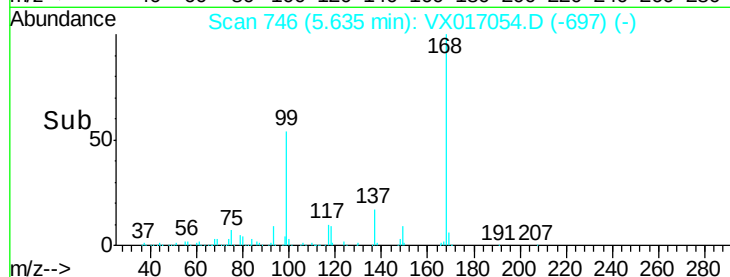
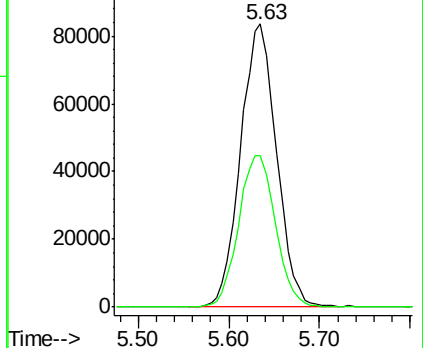
168 100

99 53.7 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 4.569 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017054.D

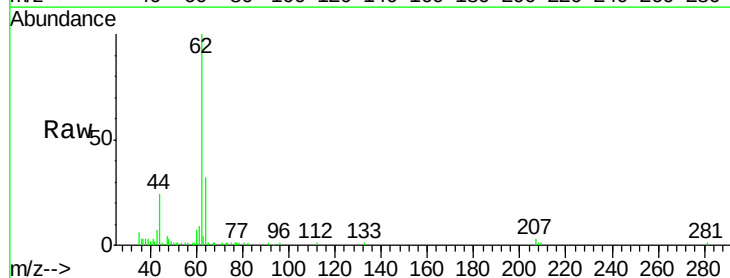
Acq: 30 Jun 2020 18:41

Tgt Ion: 62 Resp: 11394

Ion Ratio Lower Upper

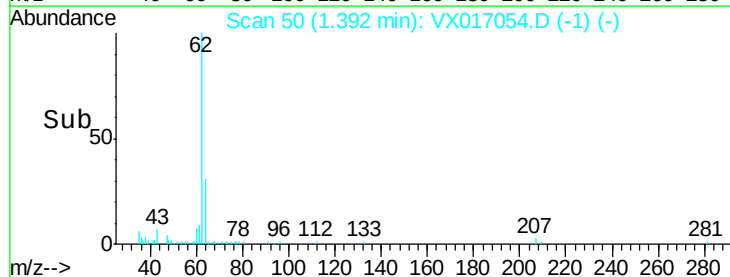
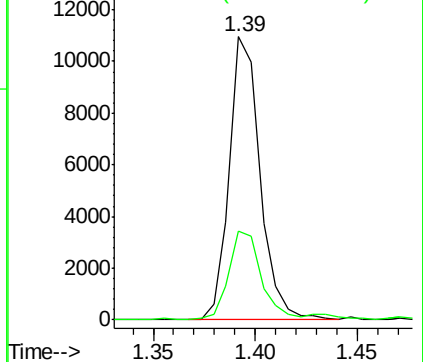
62 100

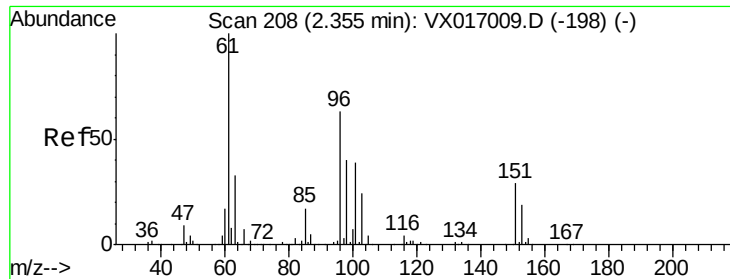
64 31.6 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#12

1,1-Dichloroethene

Concen: 42.329 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX017054.D

Acq: 30 Jun 2020 18:41

Instrument :

MSVOA_X

ClientSampled :

DUP-1

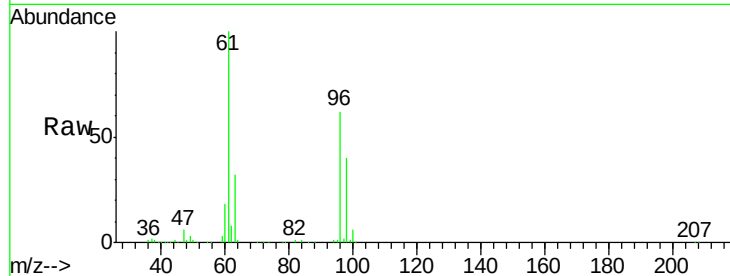
Tot Ion: 96 Resp: 96119

Ion Ratio Lower Upper

96 100

61 161.9 126.3 189.5

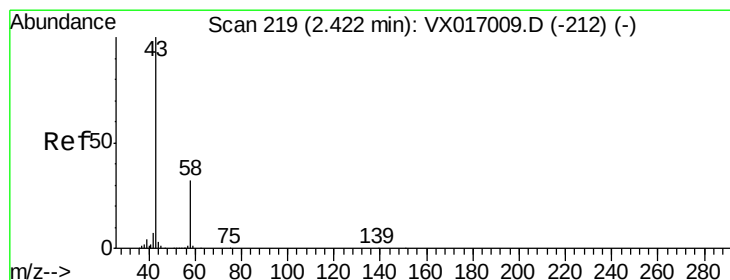
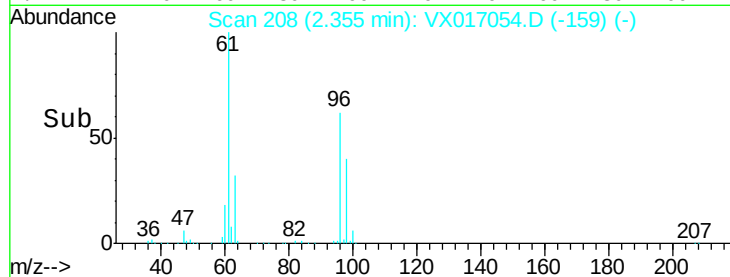
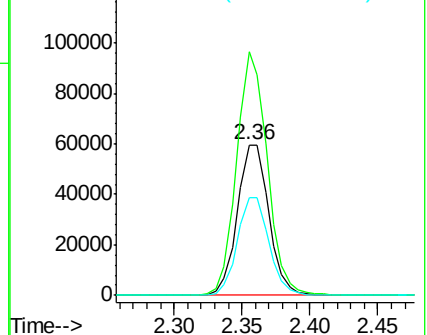
98 64.7 51.0 76.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#16

Acetone

Concen: 481.738 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017054.D

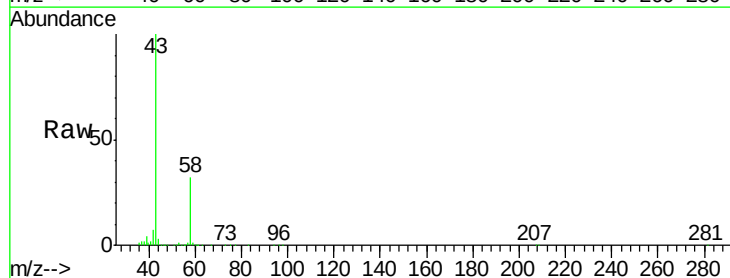
Acq: 30 Jun 2020 18:41

Tgt Ion: 43 Resp: 509918

Ion Ratio Lower Upper

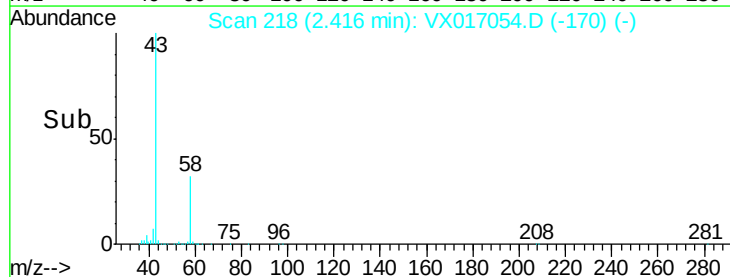
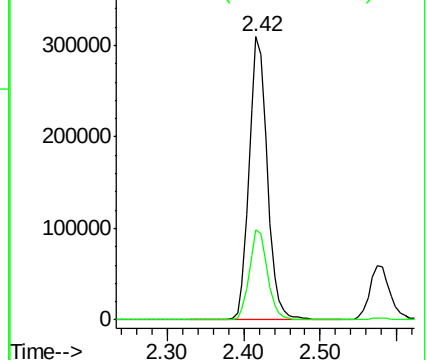
43 100

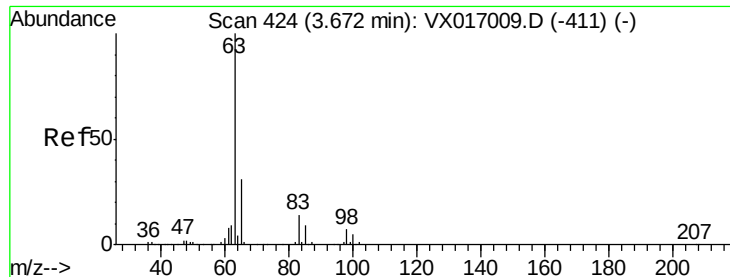
58 31.8 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

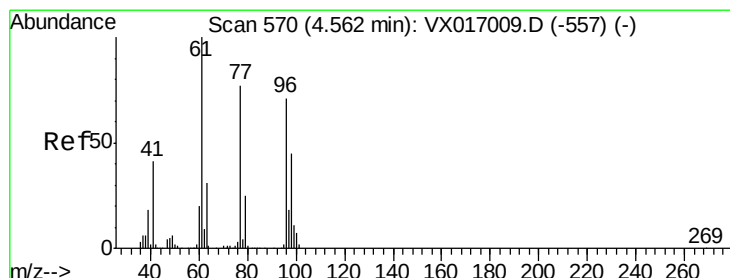
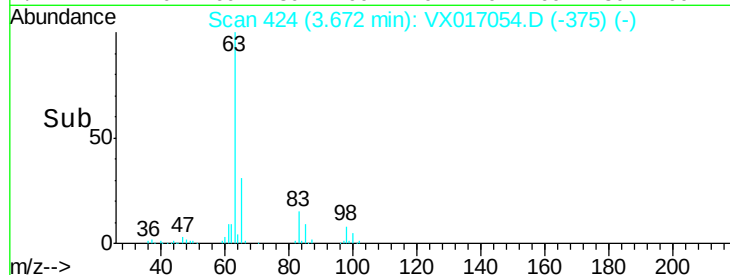
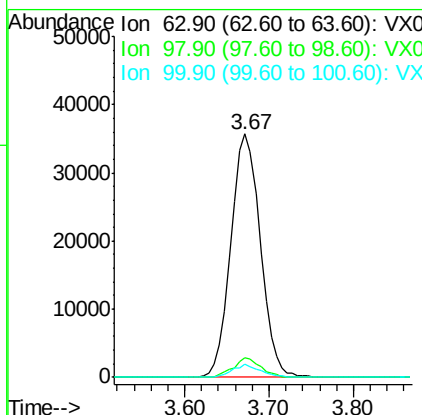
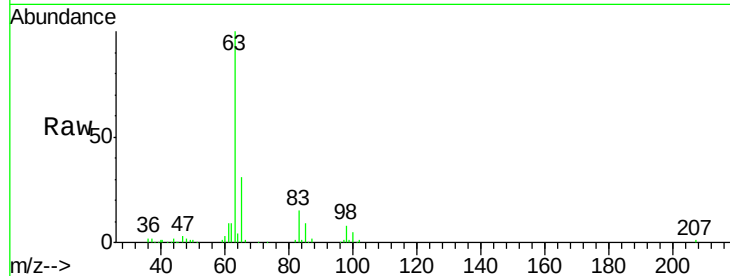




#24
 1,1-Dichloroethane
 Concen: 19.177 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: VX017054.D
 Acq: 30 Jun 2020 18:41

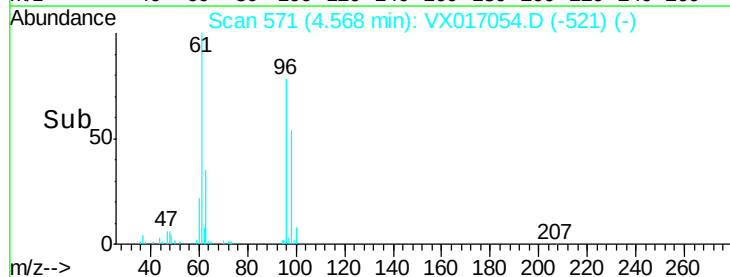
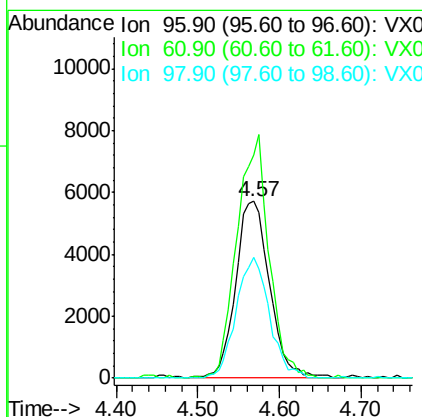
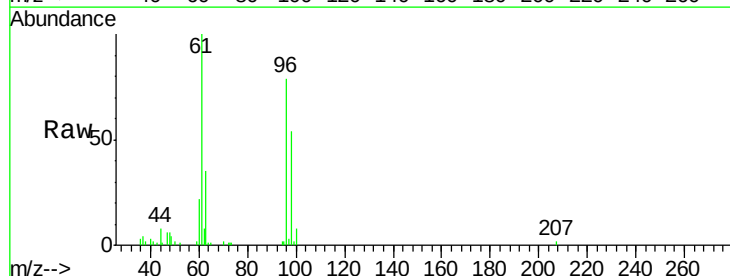
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-1

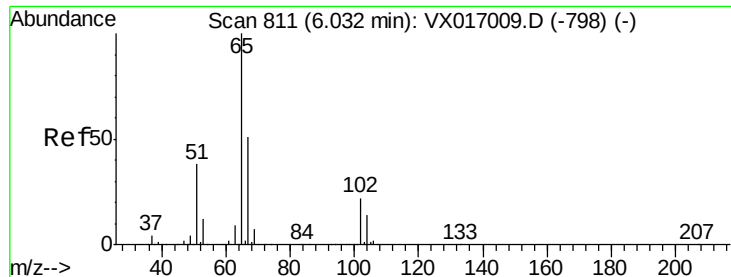
Tot Ion:	63	Resp:	84753
Ion	Ratio	Lower	Upper
63	100		
98	8.2	3.6	10.8
100	5.3	2.4	7.1



#27
 cis-1,2-Dichloroethene
 Concen: 5.781 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: VX017054.D
 Acq: 30 Jun 2020 18:41

Tgt Ion:	96	Resp:	16507
Ion	Ratio	Lower	Upper
96	100		
61	129.5	0.0	282.8
98	66.5	0.0	127.6

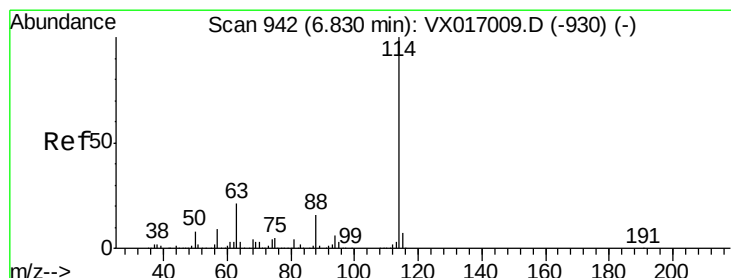
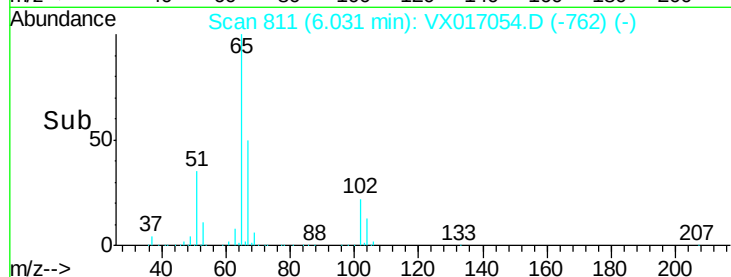
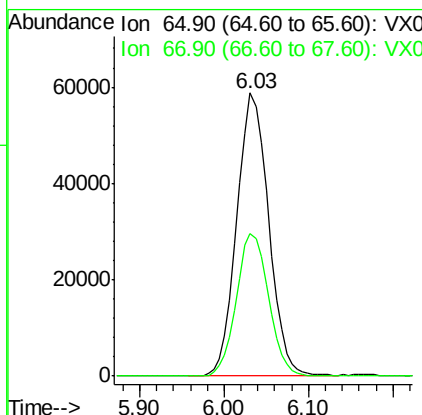
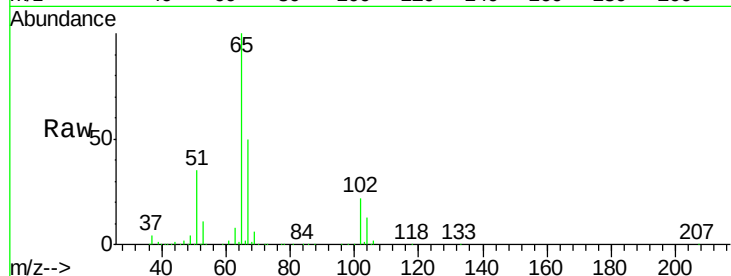




#33
 1,2-Dichloroethane-d4
 Concen: 53.246 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017054.D
 Acq: 30 Jun 2020 18:41

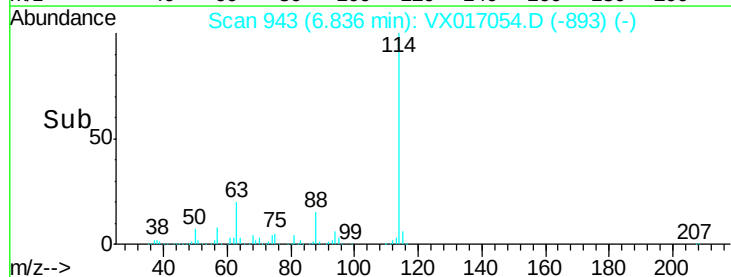
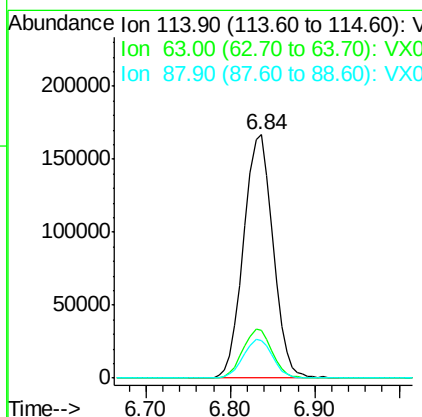
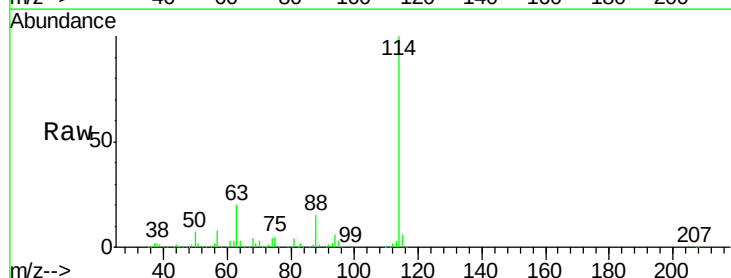
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-1

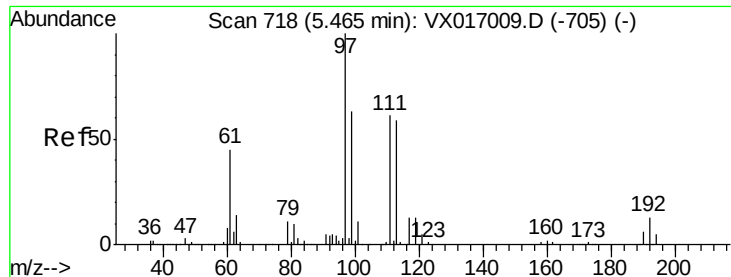
Tot Ion: 65 Resp: 150662
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX017054.D
 Acq: 30 Jun 2020 18:41

Tgt Ion: 114 Resp: 393974
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 41.4
 88 15.3 0.0 32.4





#35

Dibromofluoromethane

Concen: 51.850 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX017054.D

Acq: 30 Jun 2020 18:41

Instrument :

MSVOA_X

ClientSampled :

DUP-1

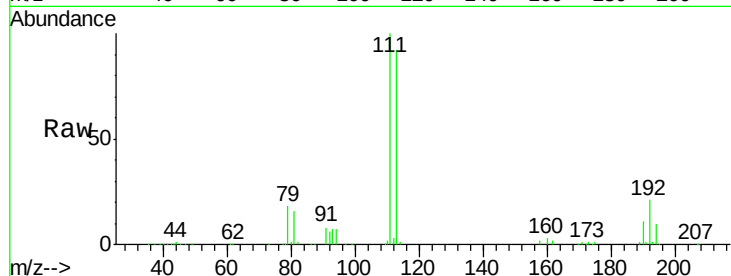
Tot Ion:113 Resp: 129218

Ion Ratio Lower Upper

113 100

111 102.9 81.9 122.9

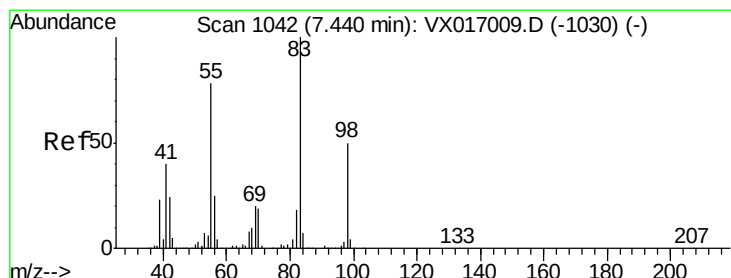
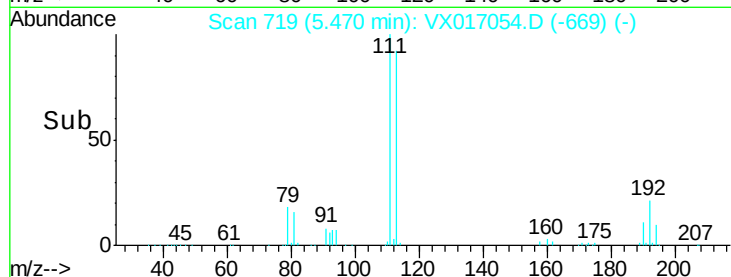
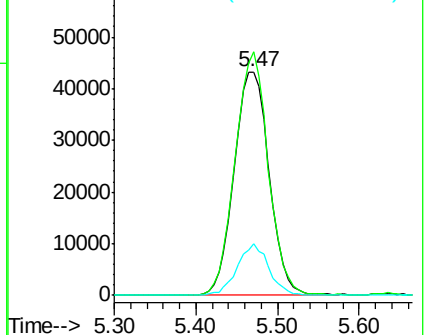
192 20.7 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#39

Methylcyclohexane

Concen: 0.491 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. -0.00 min

Lab File: VX017054.D

Acq: 30 Jun 2020 18:41

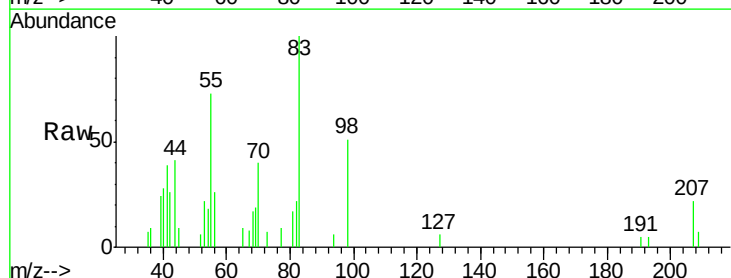
Tgt Ion: 83 Resp: 2033

Ion Ratio Lower Upper

83 100

55 72.6 62.5 93.7

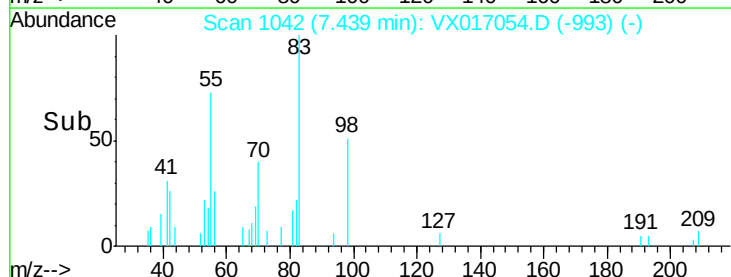
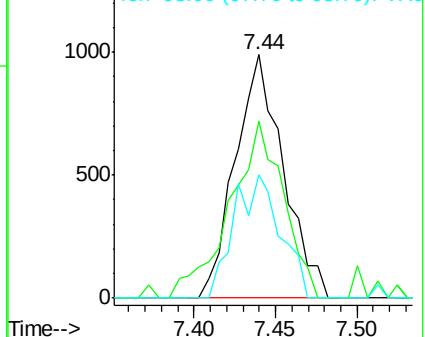
98 50.7 40.1 60.1

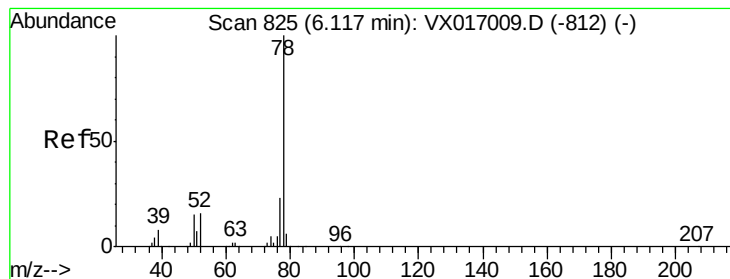


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.360 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.01 min

Lab File: VX017054.D

Acq: 30 Jun 2020 18:41

Instrument :

MSVOA_X

ClientSampled :

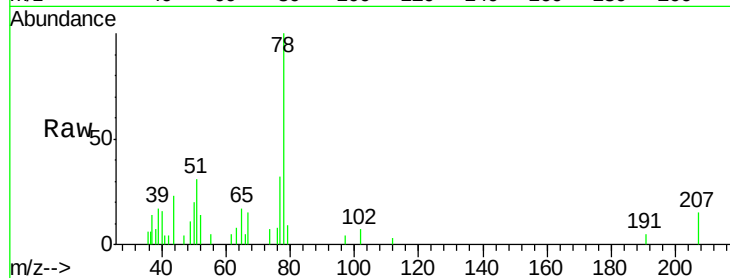
DUP-1

Tot Ion: 78 Resp: 3936

Ion Ratio Lower Upper

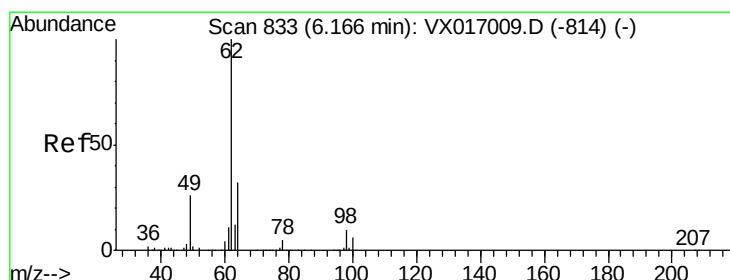
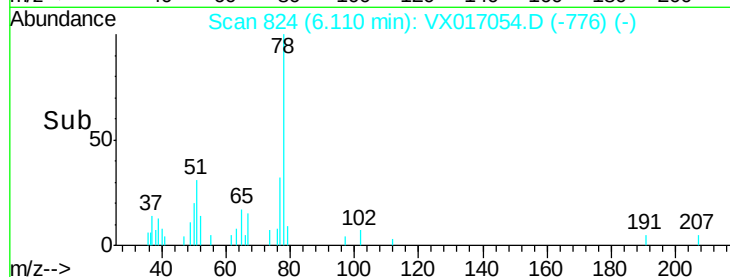
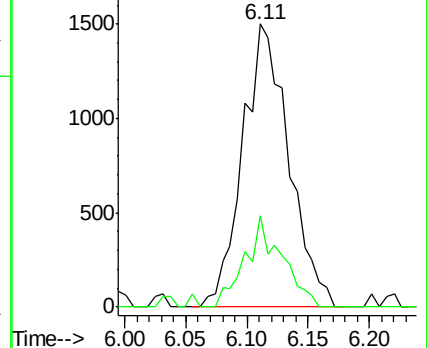
78 100

77 32.5 18.3 27.5#



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#42

1,2-Dichloroethane

Concen: 2.341 ug/l

RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX017054.D

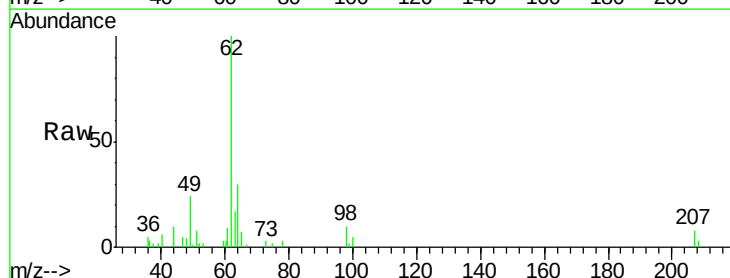
Acq: 30 Jun 2020 18:41

Tgt Ion: 62 Resp: 9250

Ion Ratio Lower Upper

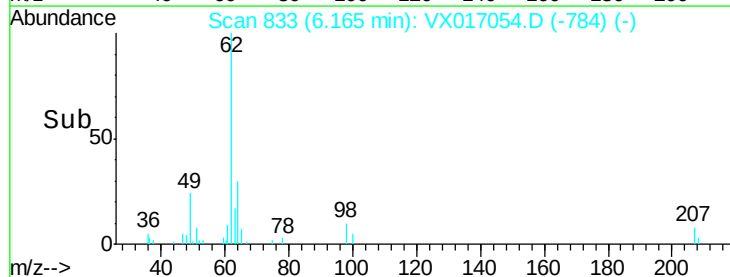
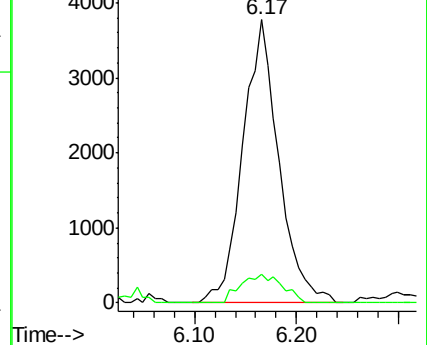
62 100

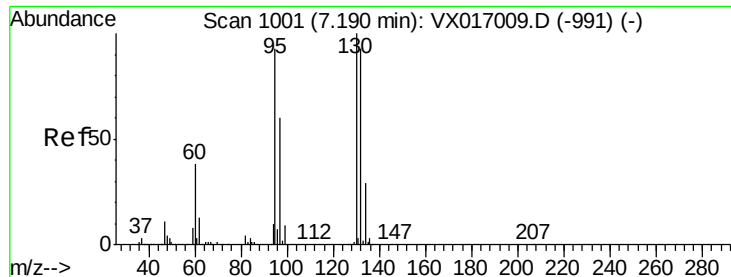
98 11.7 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#44

Trichloroethene

Concen: 0.557 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017054.D

Acq: 30 Jun 2020 18:41

Instrument :

MSVOA_X

ClientSampled :

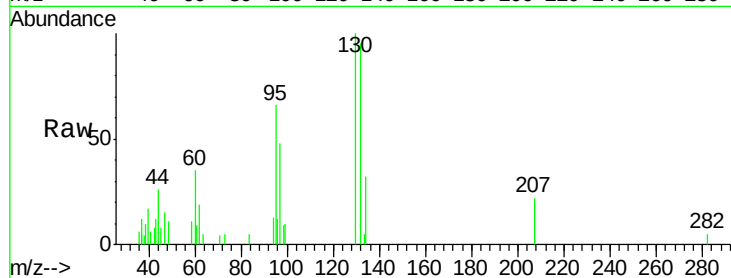
DUP-1

Tot Ion:130 Resp: 2605

Ion Ratio Lower Upper

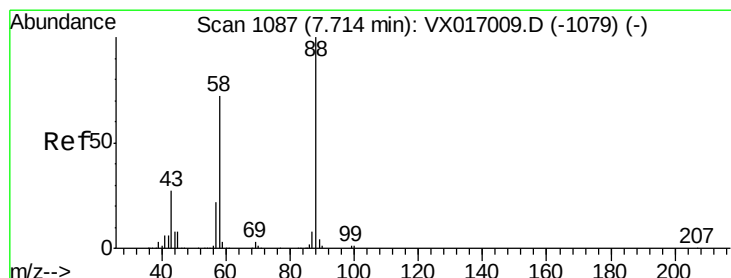
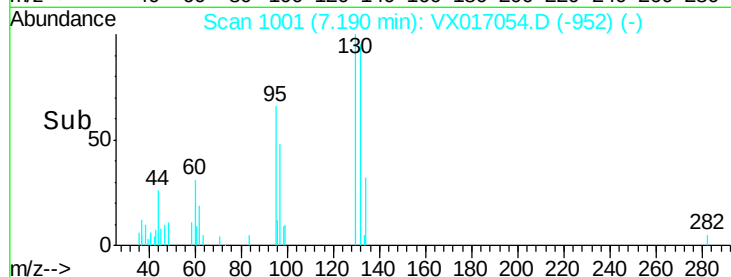
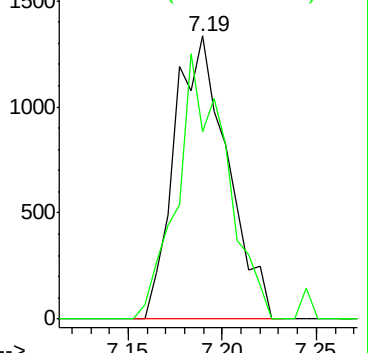
130 100

95 66.4 0.0 185.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 664.046 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017054.D

Acq: 30 Jun 2020 18:41

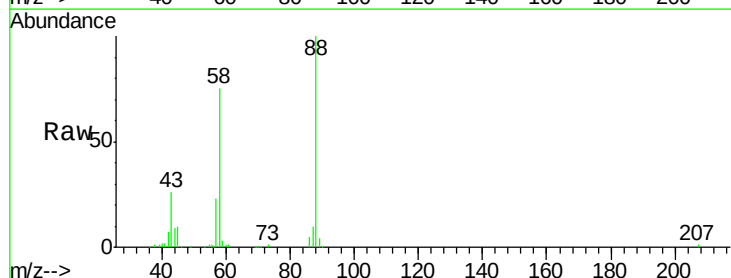
Tgt Ion: 88 Resp: 44869

Ion Ratio Lower Upper

88 100

43 28.3 25.8 38.8

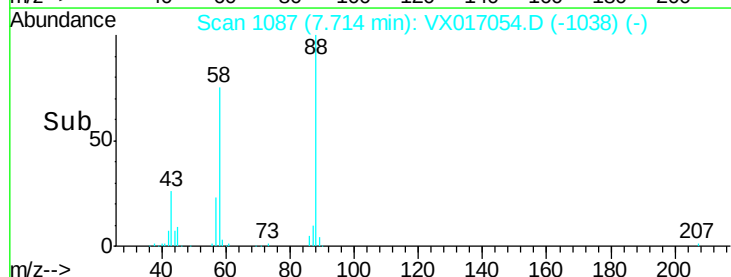
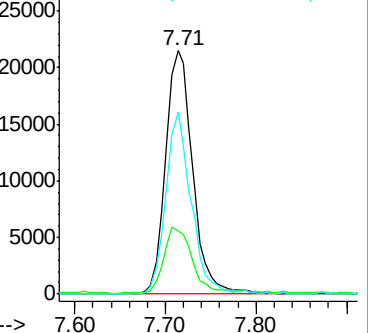
58 69.9 54.8 82.2

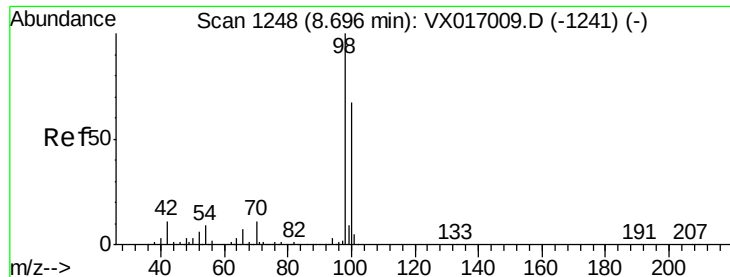


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 51.914 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017054.D

Acq: 30 Jun 2020 18:41

Instrument :

MSVOA_X

ClientSampleId :

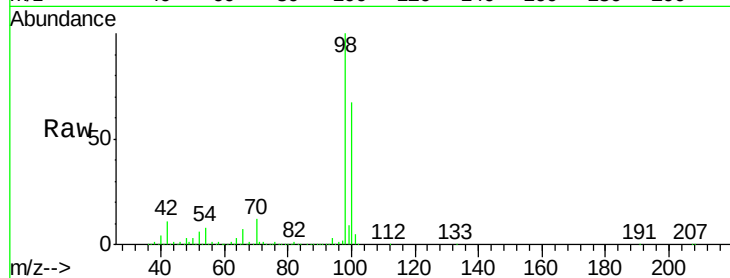
DUP-1

Tot Ion: 98 Resp: 478414

Ion Ratio Lower Upper

98 100

100 66.1 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.70

300000

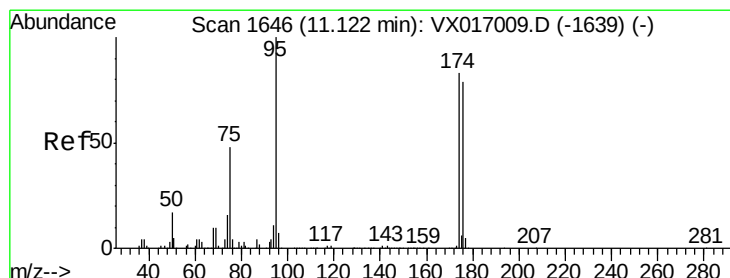
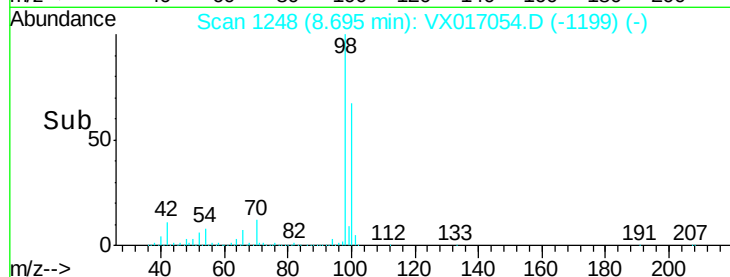
200000

100000

0

Time-->

8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 56.488 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017054.D

Acq: 30 Jun 2020 18:41

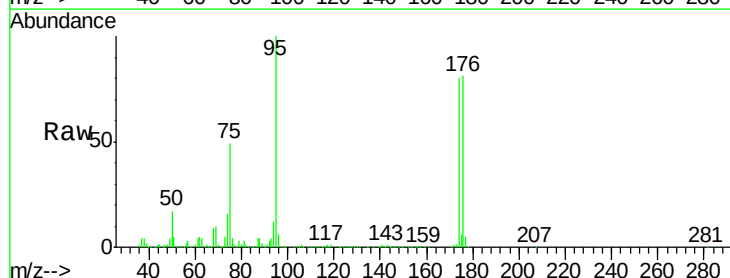
Tgt Ion: 95 Resp: 203495

Ion Ratio Lower Upper

95 100

174 80.7 0.0 164.0

176 78.8 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

200000

150000

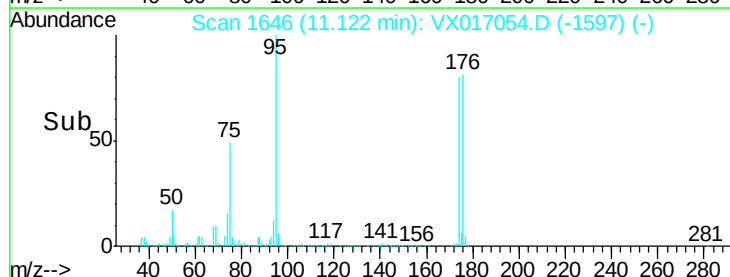
100000

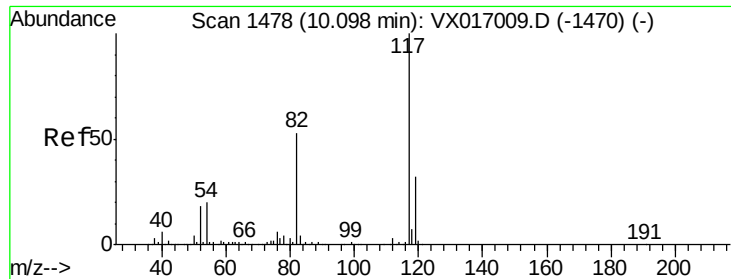
50000

0

Time-->

11.10 11.20

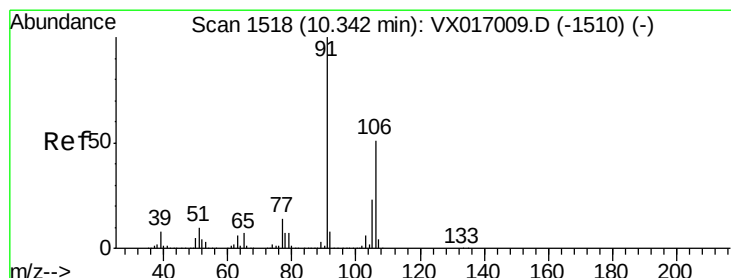
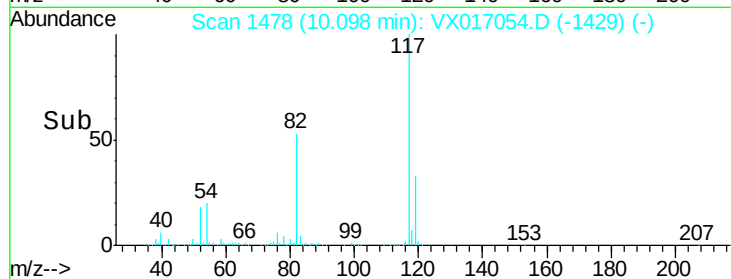
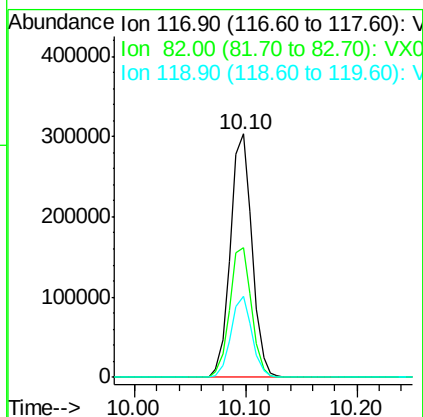
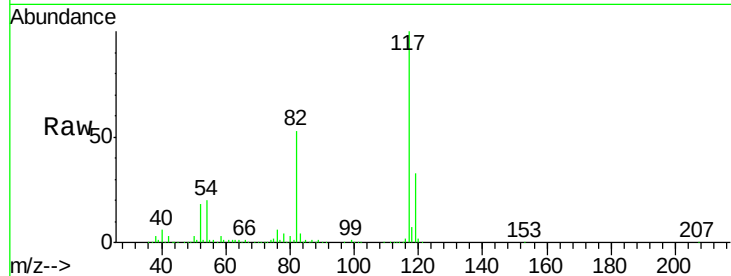




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017054.D
Acq: 30 Jun 2020 18:41

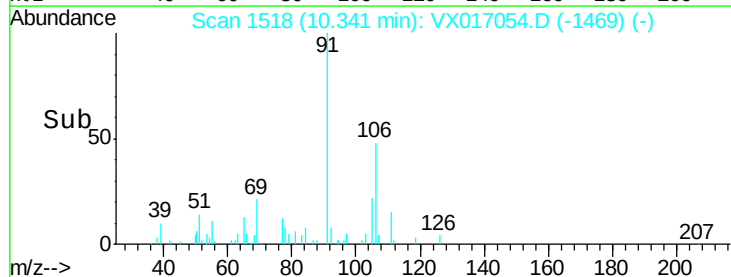
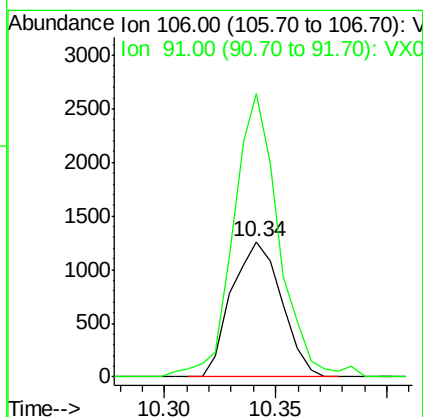
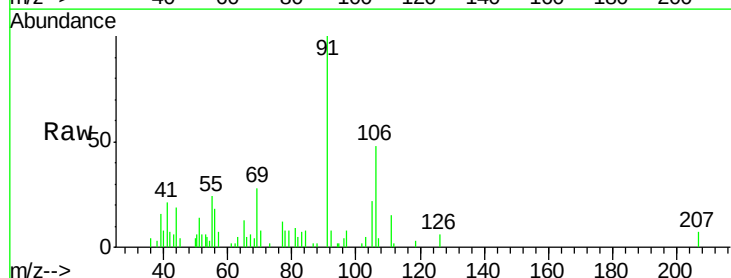
Instrument :
MSVOA_X
ClientSampled :
DUP-1

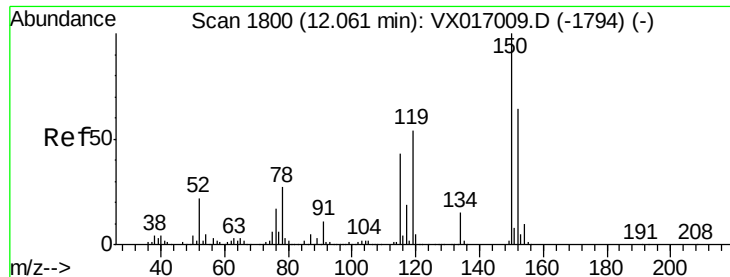
Tot Ion:117 Resp: 406789
Ion Ratio Lower Upper
117 100
82 53.0 42.6 63.8
119 33.3 25.4 38.2



#68
m/p-Xylenes
Concen: 0.366 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017054.D
Acq: 30 Jun 2020 18:41

Tgt Ion:106 Resp: 1968
Ion Ratio Lower Upper
106 100
91 190.4 158.6 238.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017054.D

Acq: 30 Jun 2020 18:41

Instrument :

MSVOA_X

ClientSampleId :

DUP-1

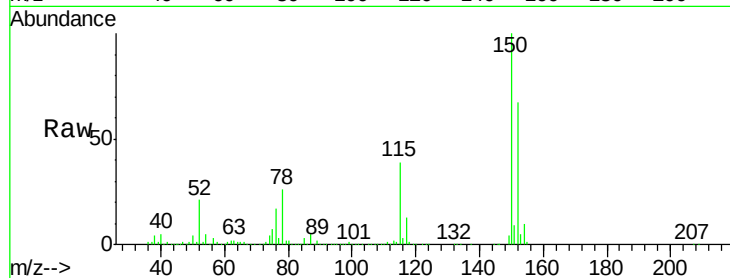
Tot Ion:152 Resp: 219307

Ion Ratio Lower Upper

152 100

115 57.4 40.9 122.7

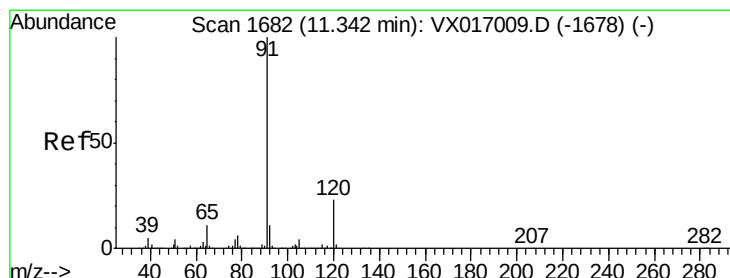
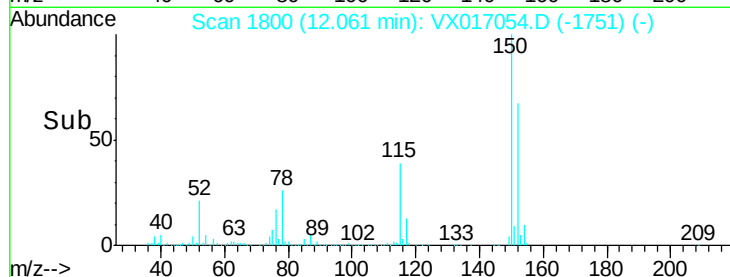
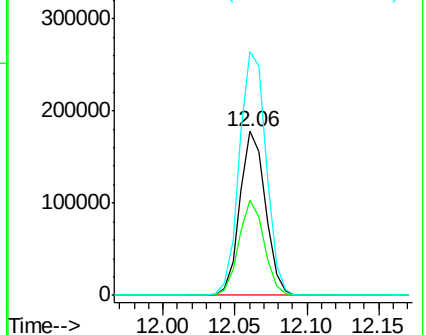
150 155.0 0.0 351.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#78

n-propylbenzene

Concen: 0.229 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX017054.D

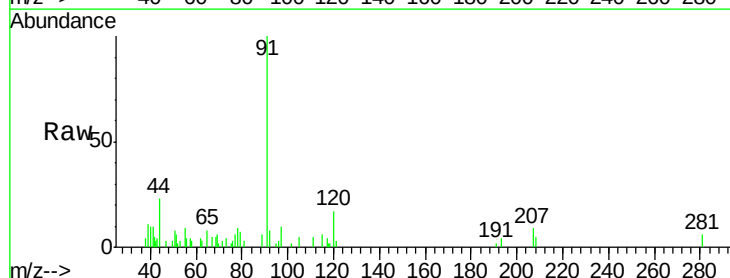
Acq: 30 Jun 2020 18:41

Tgt Ion: 91 Resp: 3726

Ion Ratio Lower Upper

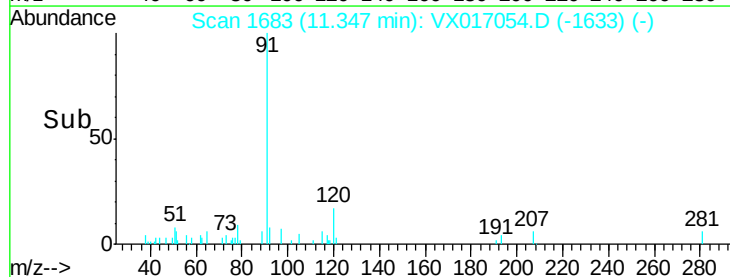
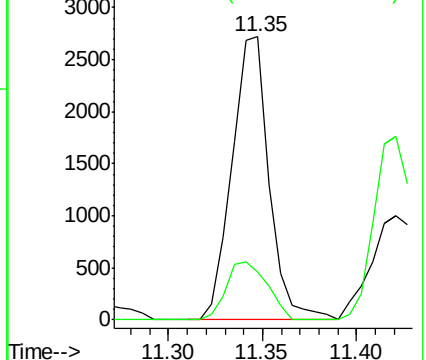
91 100

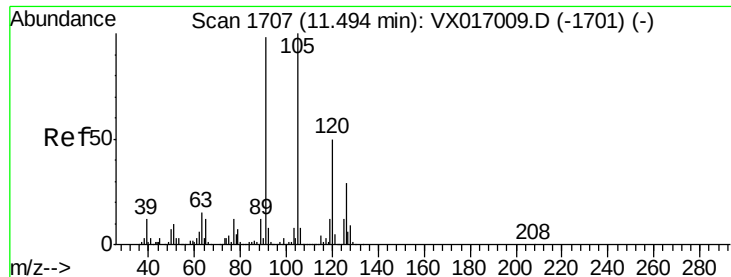
120 22.4 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

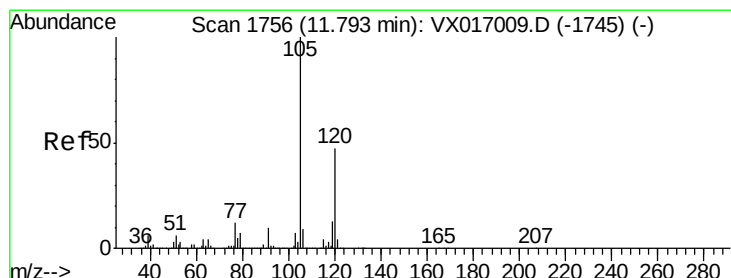
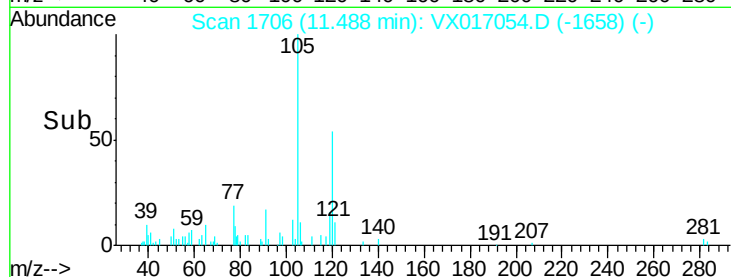
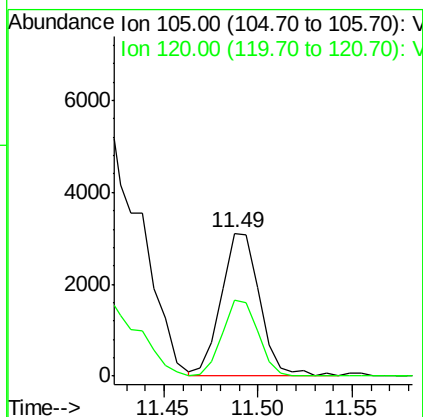
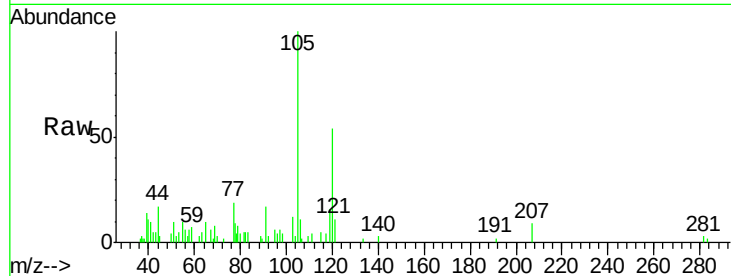




#80
 1,3,5-Trimethylbenzene
 Concen: 0.371 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX017054.D
 Acq: 30 Jun 2020 18:41

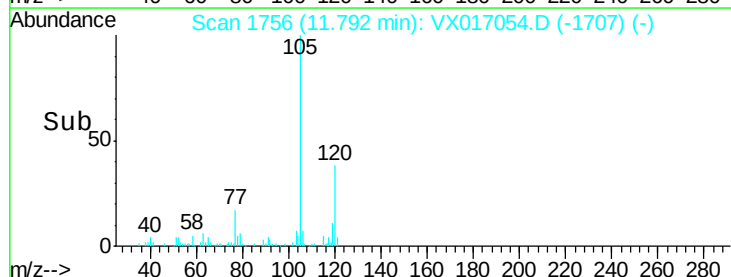
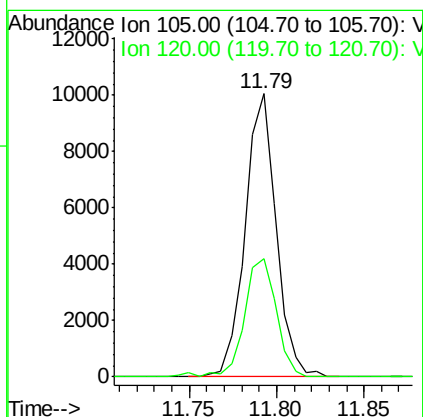
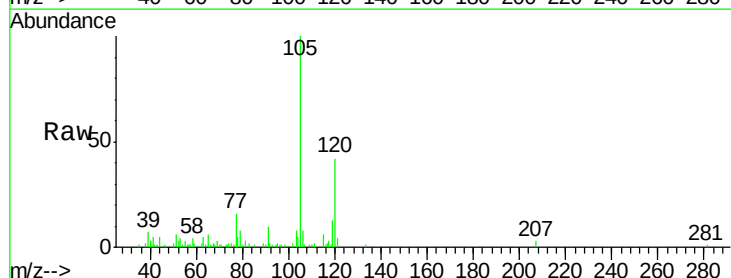
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-1

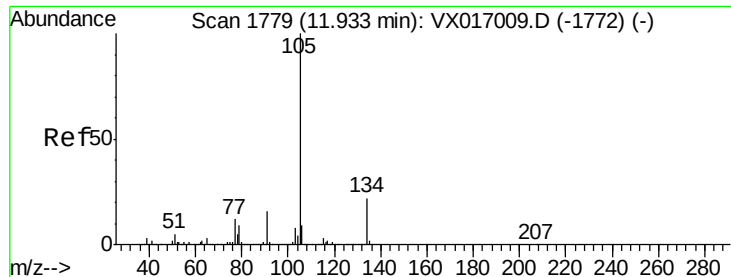
Tot Ion:105 Resp: 4423
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.9 74.6



#84
 1,2,4-Trimethylbenzene
 Concen: 1.023 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017054.D
 Acq: 30 Jun 2020 18:41

Tgt Ion:105 Resp: 12367
 Ion Ratio Lower Upper
 105 100
 120 42.7 22.9 68.5





#85
 sec-Butylbenzene
 Concen: 0.275 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017054.D
 Acq: 30 Jun 2020 18:41

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-1

Tot Ion:105 Resp: 3782
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.5 31.6#

