

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060819\
 Data File : VX010143.D
 Acq On : 08 Jun 2019 17:06
 Operator : JC/SP
 Sample : K3257-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB01-20190606

Quant Time: Jun 10 08:01:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	298832	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	452332	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	401950	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	189166	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	133330	45.71	ug/l	0.00
Spiked Amount			Recovery	=	91.42%	
35) Dibromofluoromethane	5.50	113	138491	49.64	ug/l	0.00
Spiked Amount			Recovery	=	99.28%	
50) Toluene-d8	8.71	98	525286	50.23	ug/l	0.00
Spiked Amount			Recovery	=	100.46%	
62) 4-Bromofluorobenzene	11.13	95	183769	47.06	ug/l	0.00
Spiked Amount			Recovery	=	94.12%	

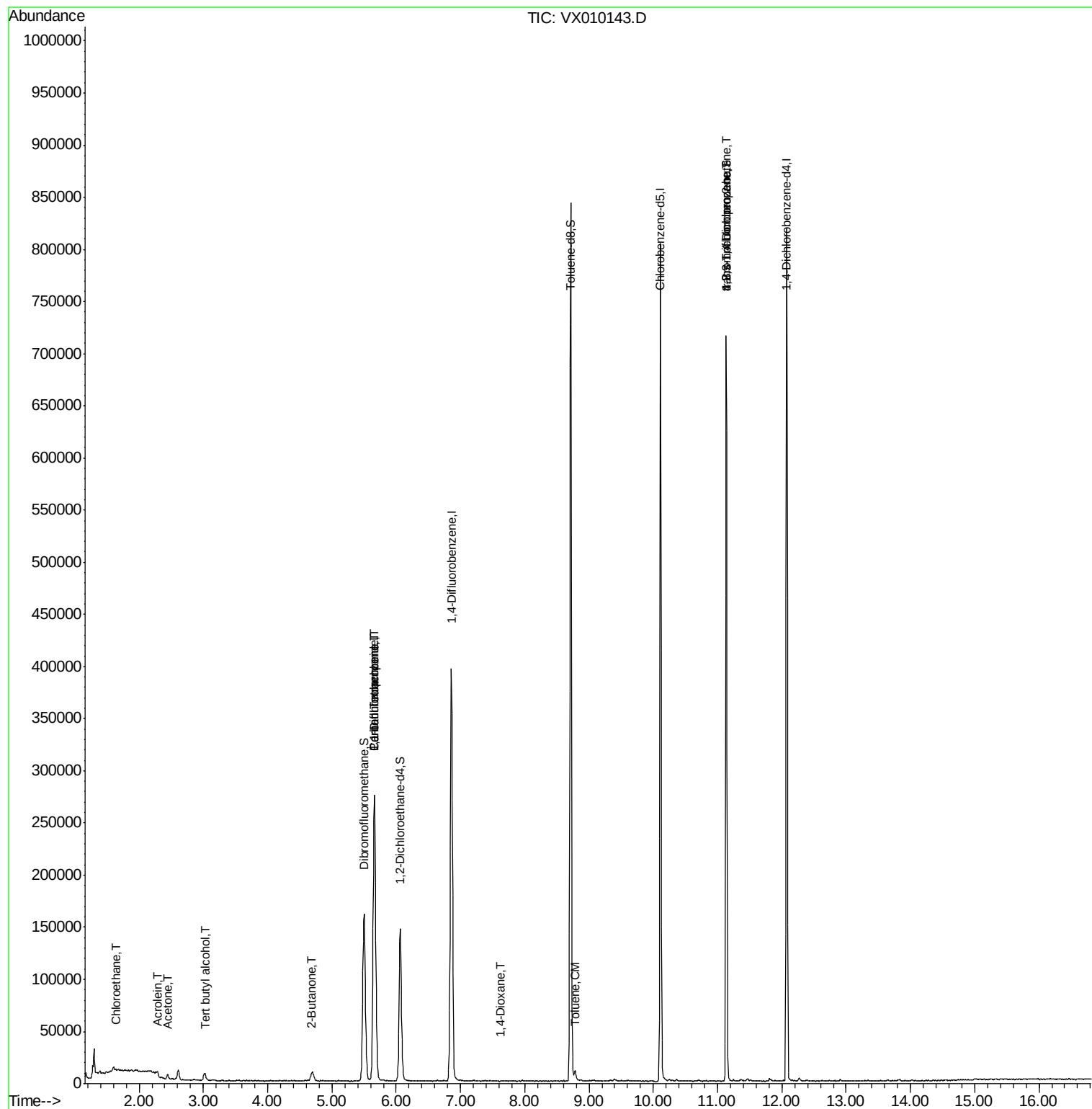
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.65	64	3465	2.678	ug/l #	49
11) Tert butyl alcohol	3.02	59	4746	6.642	ug/l #	78
13) Acrolein	2.29	56	259	1.988	ug/l #	14
16) Acetone	2.45	43	4163	3.034	ug/l	93
25) 2-Butanone	4.68	43	2450	1.199	ug/l #	88
36) 1,1-Dichloropropene	5.66	75	17503	4.743	ug/l #	53
38) Carbon Tetrachloride	5.67	117	25092	6.007	ug/l #	15
49) 1,4-Dioxane	7.62	88	20	0.234	ug/l #	18
52) Toluene	8.79	92	2981	0.397	ug/l	98
76) 1,2,3-Trichloropropane	11.13	75	82578	21.825	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	82578	48.220	ug/l #	10

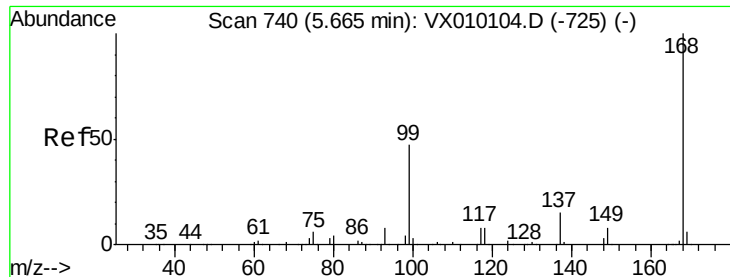
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX060819\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010143.D

Acq: 08 Jun 2019 17:06

Instrument :

MSVOA_X

ClientSampleId :

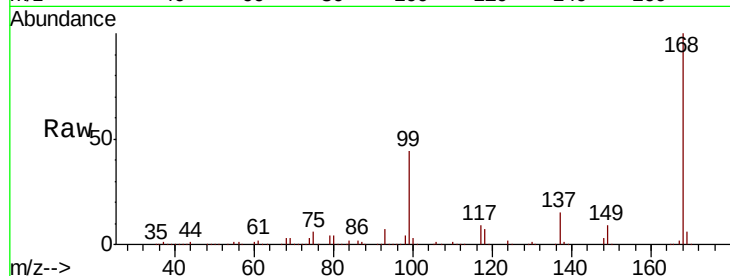
FB01-20190606

Tgt Ion:168 Resp: 298832

Ion Ratio Lower Upper

168 100

99 44.5 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

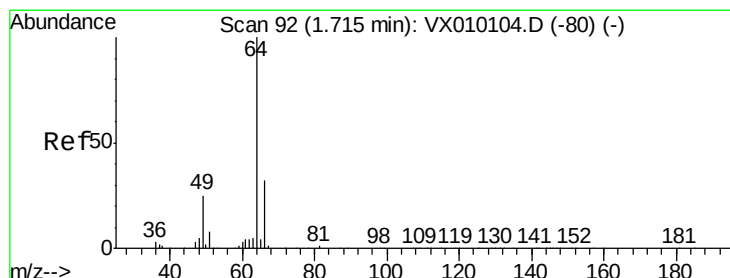
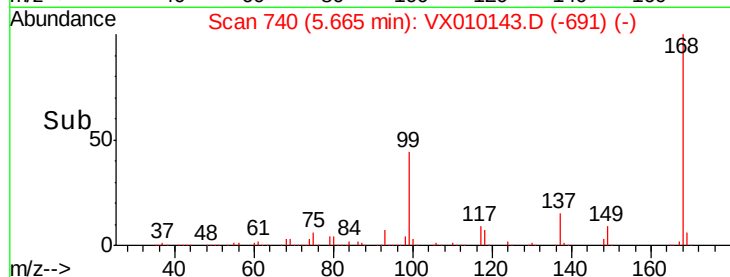
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#6

Chloroethane

Concen: 2.678 ug/l

RT: 1.65 min Scan# 81

Delta R.T. -0.07 min

Lab File: VX010143.D

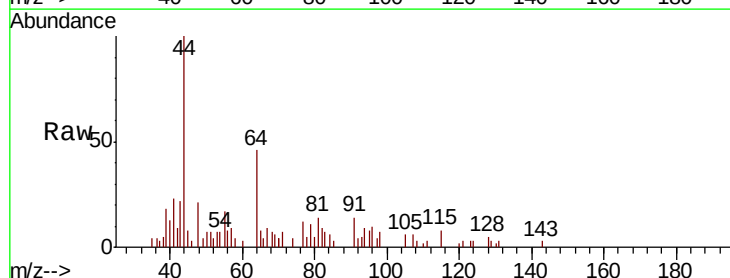
Acq: 08 Jun 2019 17:06

Tgt Ion: 64 Resp: 3465

Ion Ratio Lower Upper

64 100

66 3.0 25.1 37.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1200

1000

800

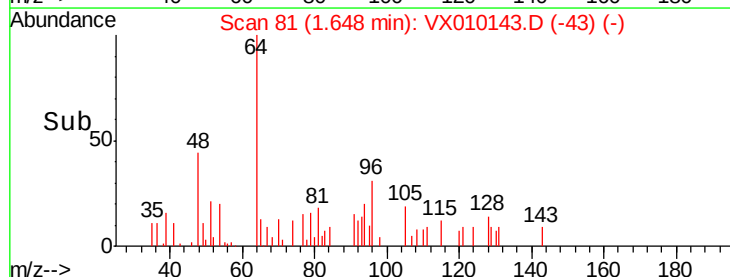
600

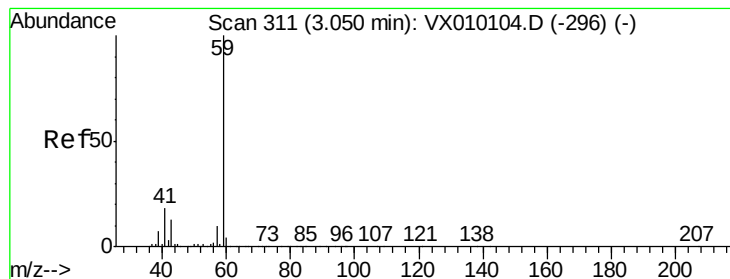
400

200

0

Time--> 1.50 1.55 1.60 1.65 1.70





#11

Tert butyl alcohol

Concen: 6.642 ug/l

RT: 3.02 min Scan# 306

Delta R.T. -0.03 min

Lab File: VX010143.D

Acq: 08 Jun 2019 17:06

Instrument :

MSVOA_X

ClientSampleId :

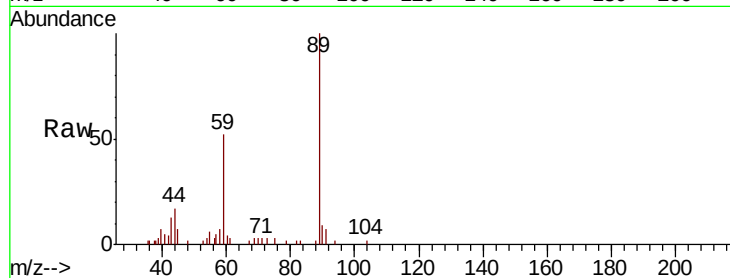
FB01-20190606

Tgt Ion: 59 Resp: 4746

Ion Ratio Lower Upper

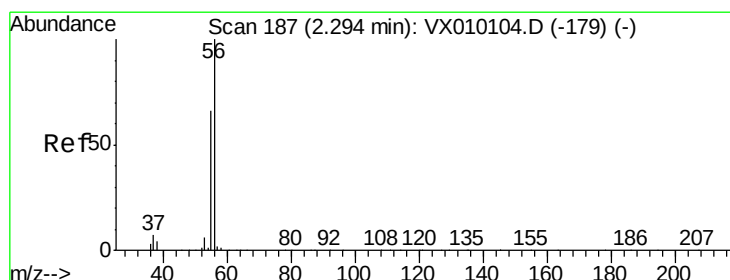
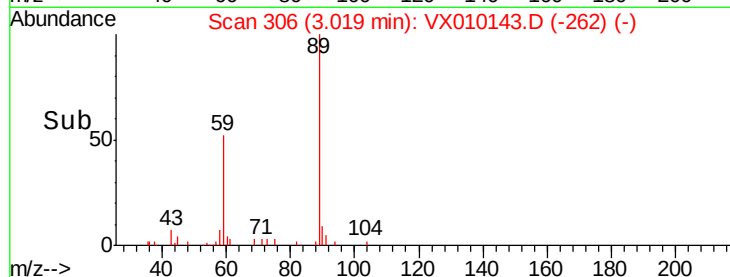
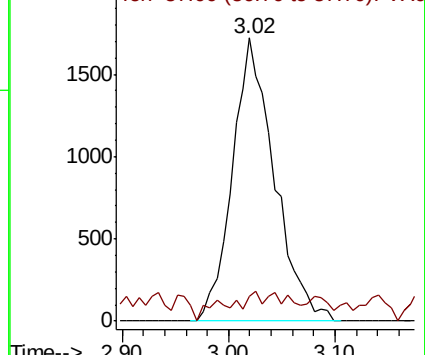
59 100

57 1.8 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#13

Acrolein

Concen: 1.988 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX010143.D

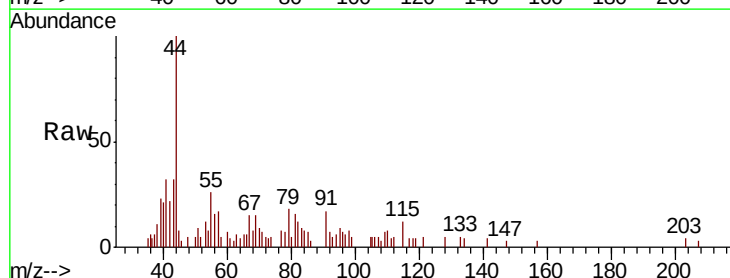
Acq: 08 Jun 2019 17:06

Tgt Ion: 56 Resp: 259

Ion Ratio Lower Upper

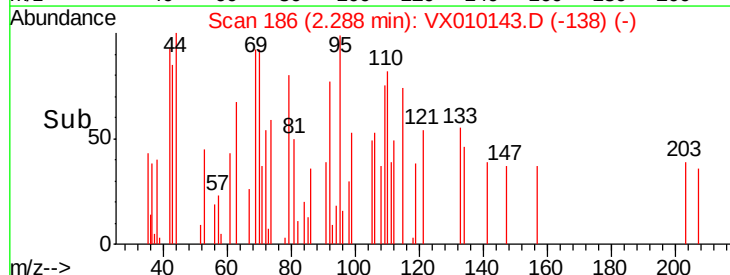
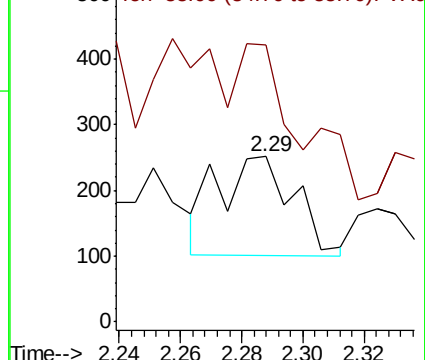
56 100

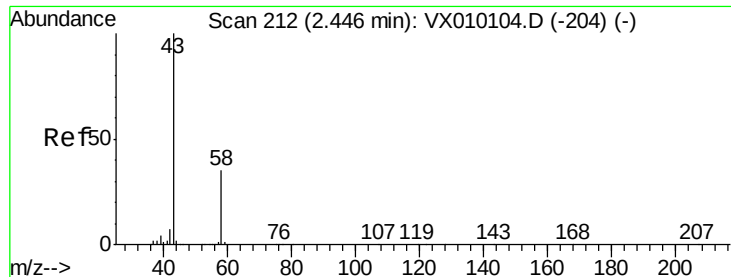
55 0.0 57.0 85.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

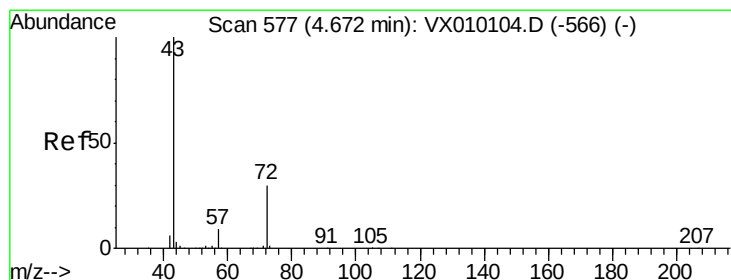
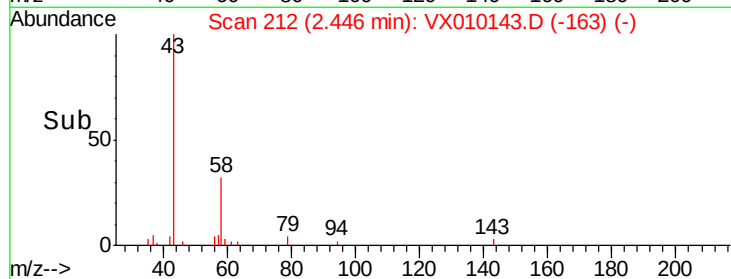
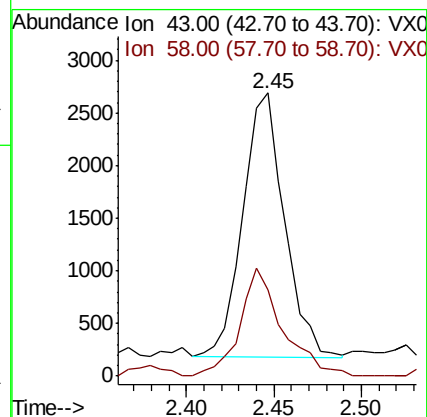
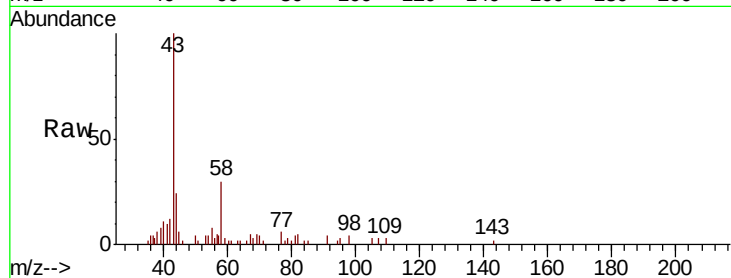




#16
Acetone
Concen: 3.034 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX010143.D
Acq: 08 Jun 2019 17:06

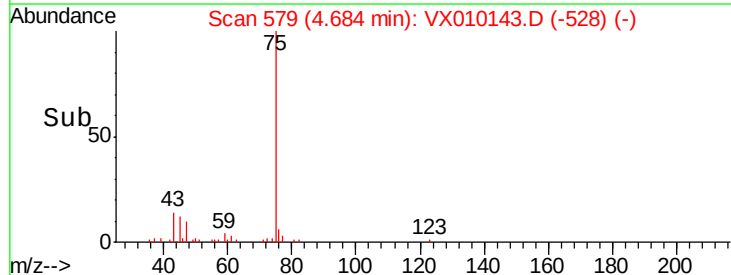
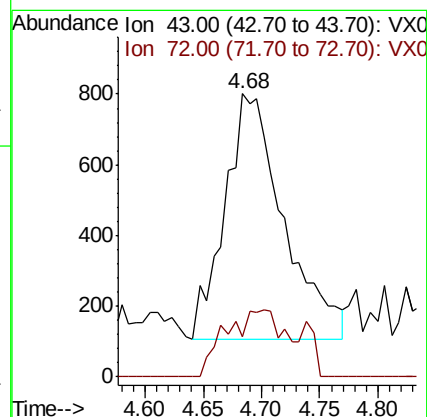
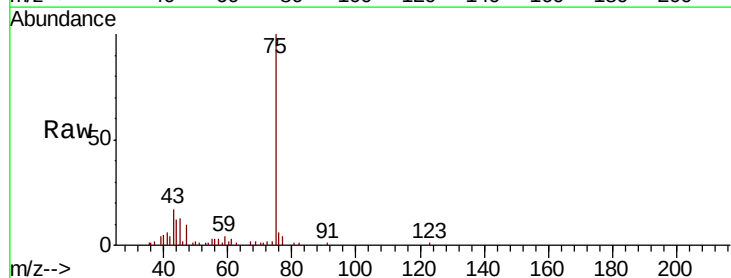
Instrument :
MSVOA_X
ClientSampleId :
FB01-20190606

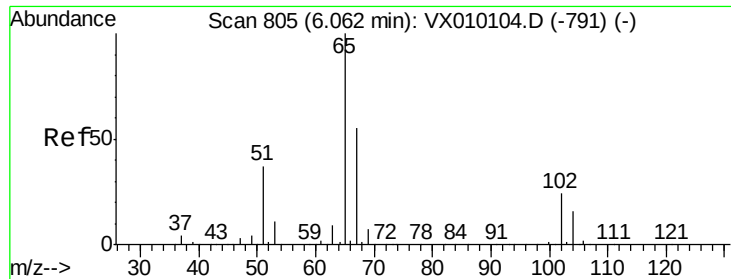
Tgt Ion: 43 Resp: 4163
Ion Ratio Lower Upper
43 100
58 32.7 23.2 34.8



#25
2-Butanone
Concen: 1.199 ug/l
RT: 4.68 min Scan# 579
Delta R.T. 0.01 min
Lab File: VX010143.D
Acq: 08 Jun 2019 17:06

Tgt Ion: 43 Resp: 2450
Ion Ratio Lower Upper
43 100
72 16.2 17.5 26.3#

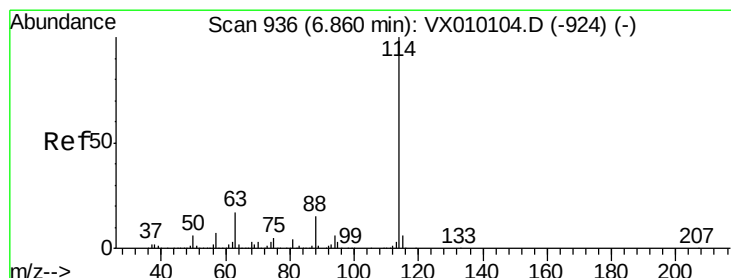
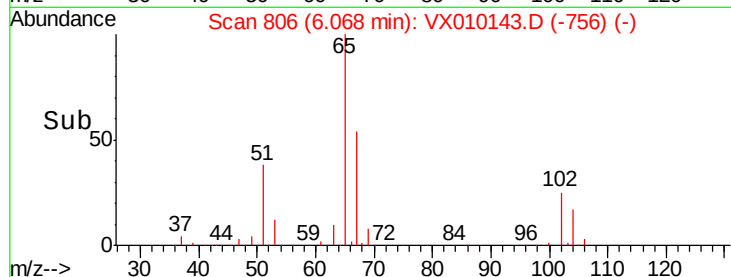
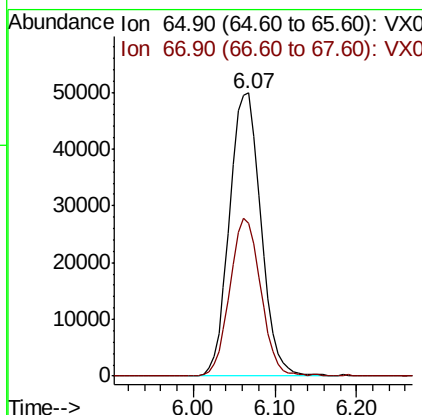
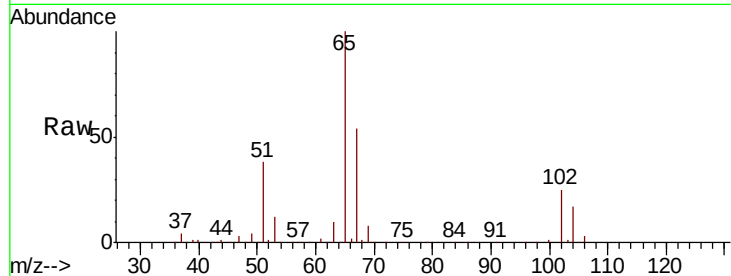




#33
 1,2-Dichloroethane-d4
 Concen: 45.709 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX010143.D
 Acq: 08 Jun 2019 17:06

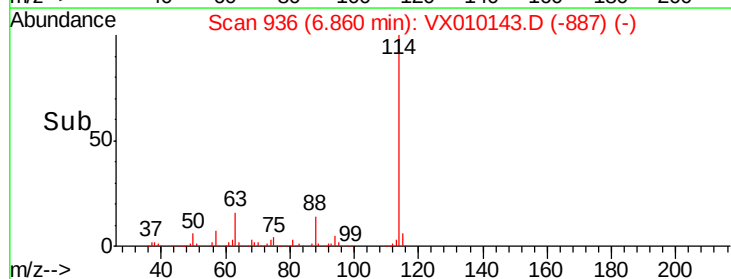
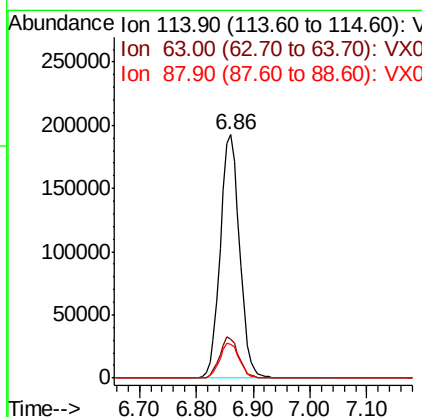
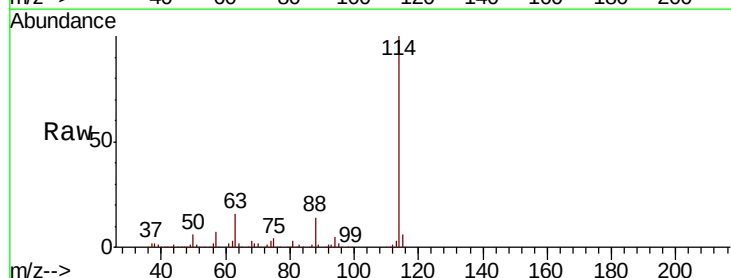
Instrument :
 MSVOA_X
 ClientSampleId :
 FB01-20190606

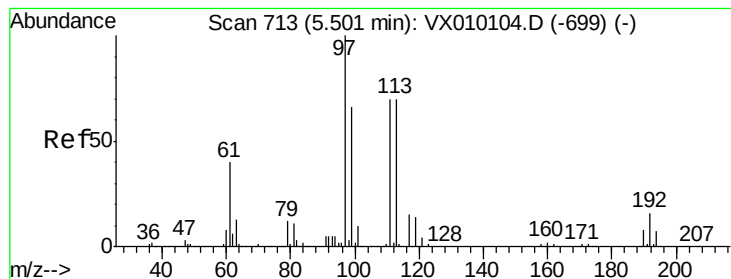
Tgt Ion: 65 Resp: 133330
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010143.D
 Acq: 08 Jun 2019 17:06

Tgt Ion: 114 Resp: 452332
 Ion Ratio Lower Upper
 114 100
 63 16.2 0.0 47.4
 88 14.0 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.637 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010143.D

Acq: 08 Jun 2019 17:06

Instrument :

MSVOA_X

ClientSampleId :

FB01-20190606

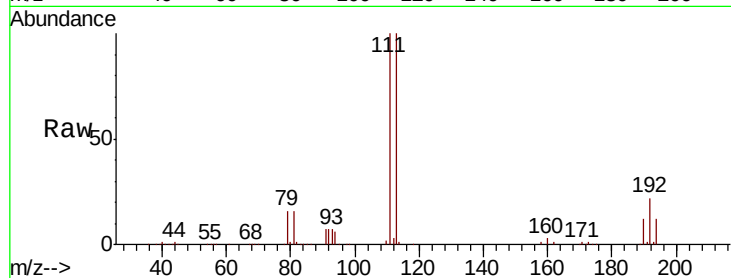
Tgt Ion:113 Resp: 138491

Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.2

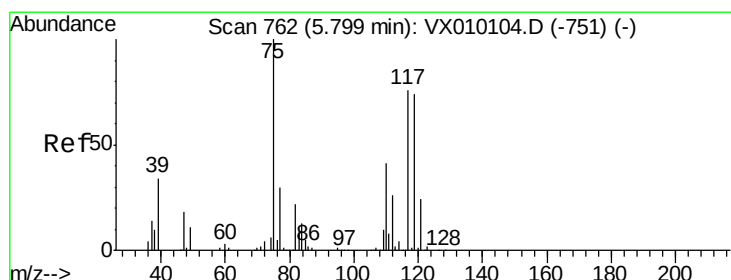
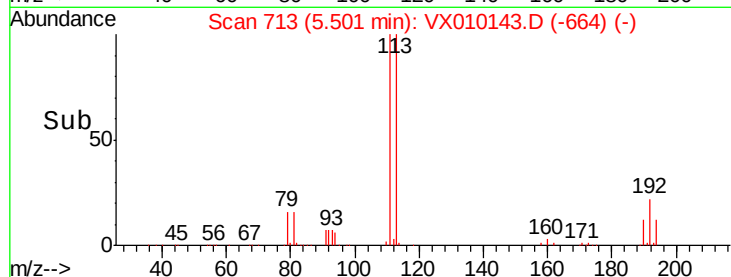
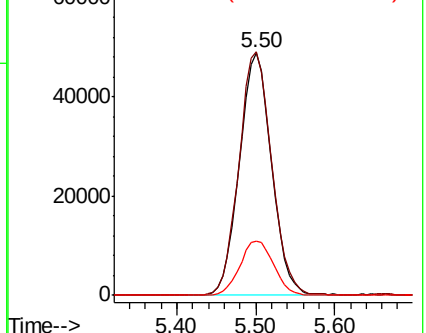
192 23.6 17.1 25.7



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



#36

1,1-Dichloropropene

Concen: 4.743 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX010143.D

Acq: 08 Jun 2019 17:06

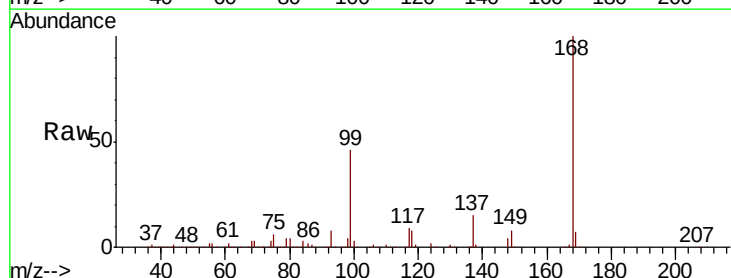
Tgt Ion: 75 Resp: 17503

Ion Ratio Lower Upper

75 100

110 11.1 16.7 50.1#

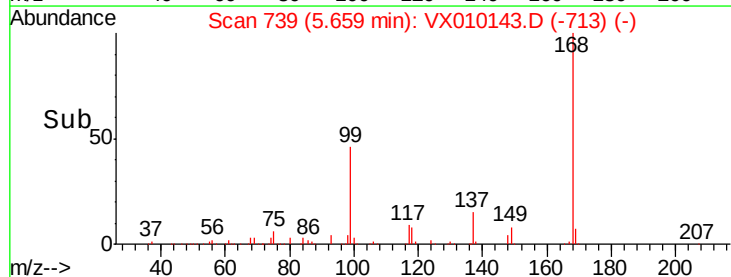
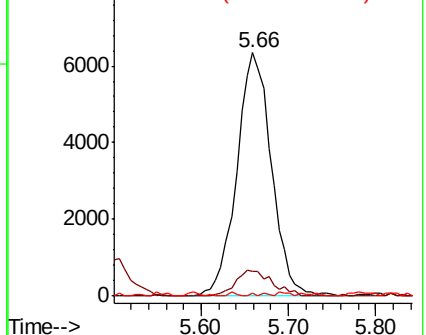
77 0.2 25.0 37.4#

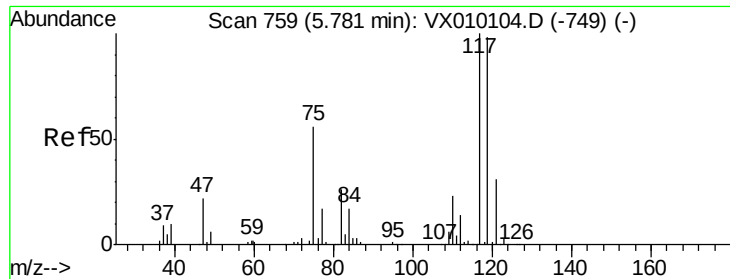


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

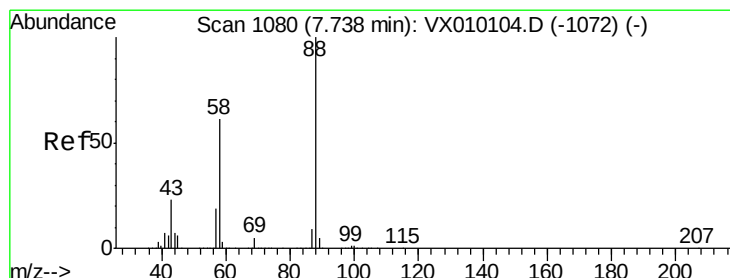
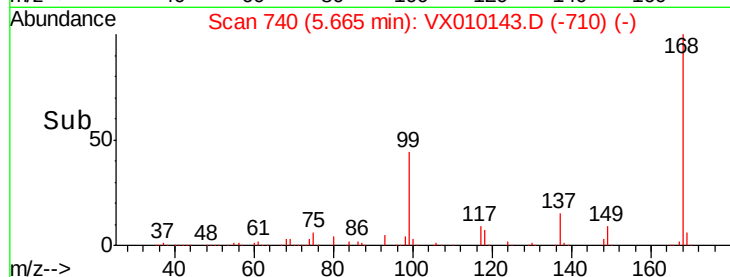
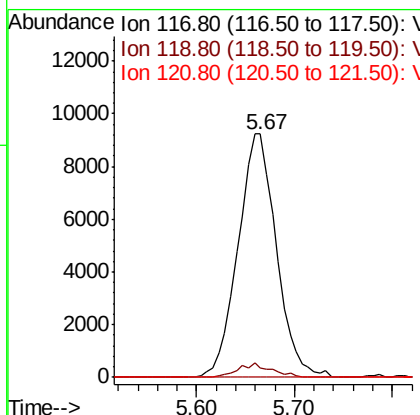
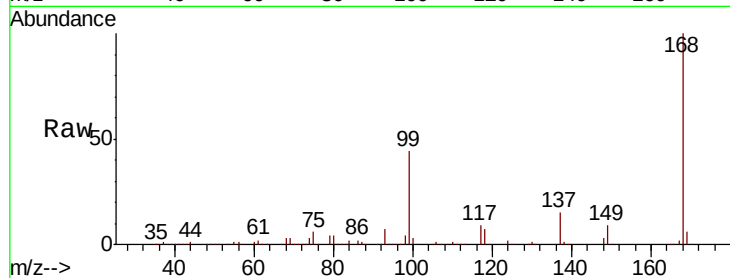




#38
 Carbon Tetrachloride
 Concen: 6.007 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX010143.D
 Acq: 08 Jun 2019 17:06

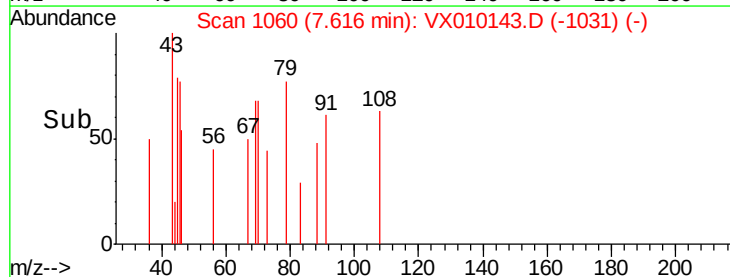
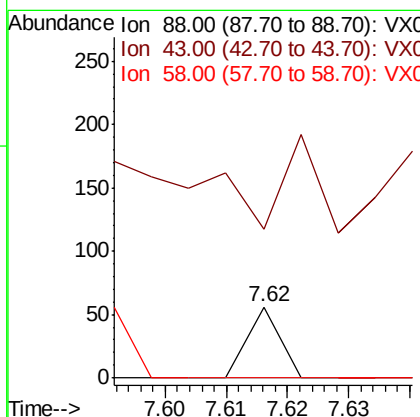
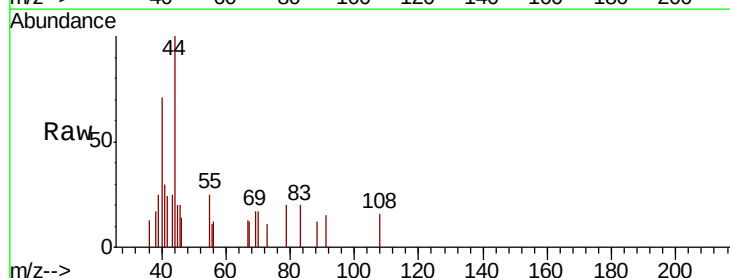
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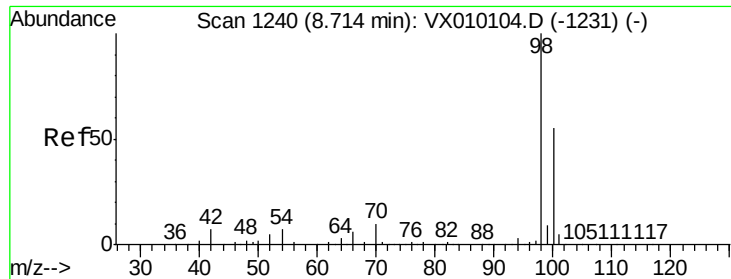
Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.9	77.3	115.9#
121	0.0	25.4	38.0#



#49
 1,4-Dioxane
 Concen: 0.234 ug/l
 RT: 7.62 min Scan# 1060
 Delta R.T. -0.12 min
 Lab File: VX010143.D
 Acq: 08 Jun 2019 17:06

Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	30.2	45.4#
58	0.0	64.0	96.0#

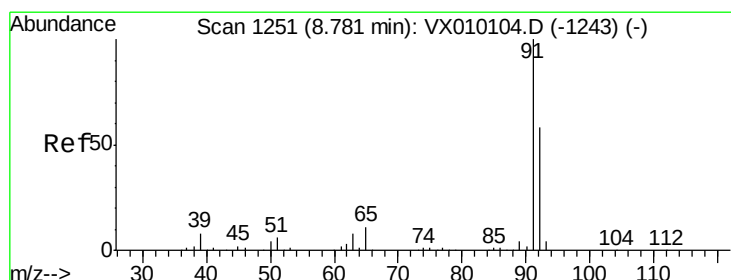
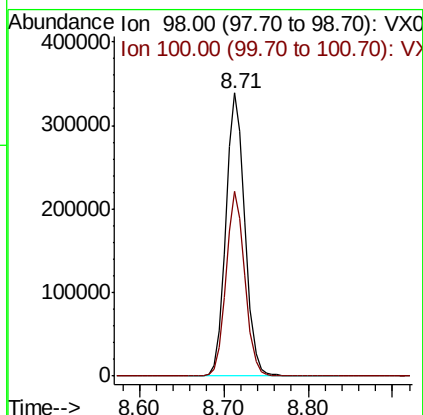
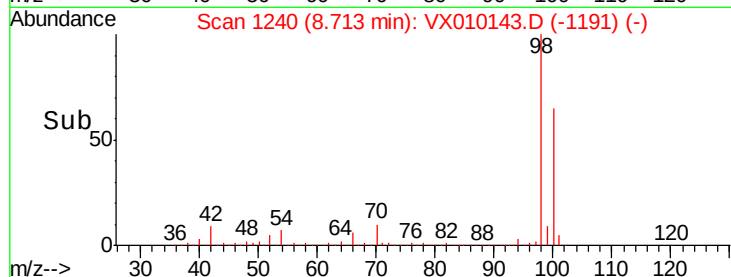
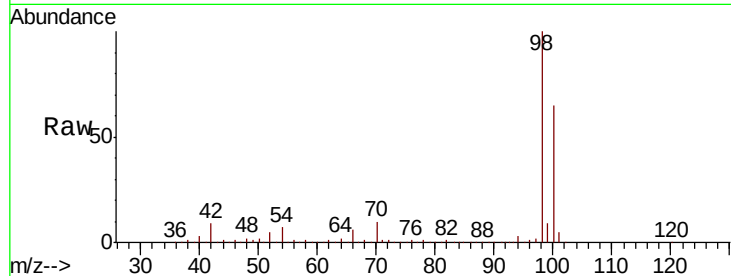




#50
Toluene-d8
Concen: 50.234 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010143.D
Acq: 08 Jun 2019 17:06

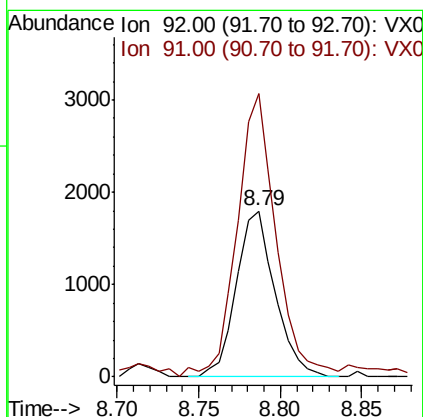
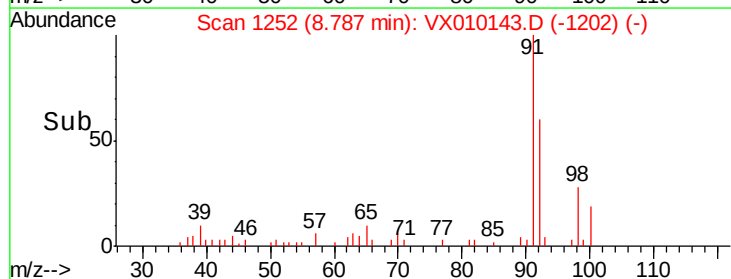
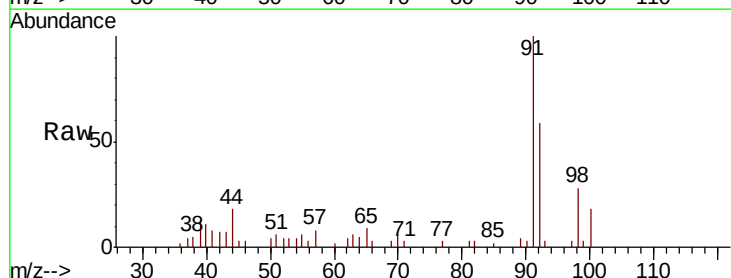
Instrument :
MSVOA_X
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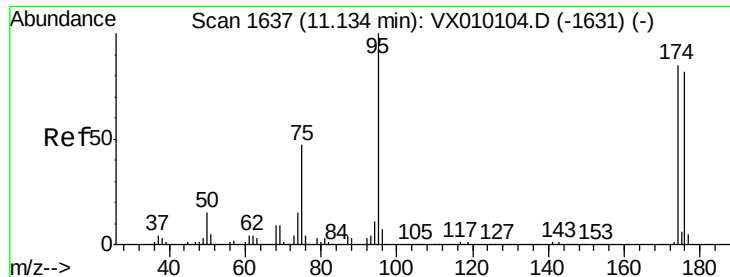
Tgt Ion: 98 Resp: 525286
Ion Ratio Lower Upper
98 100
100 64.6 51.5 77.3



#52
Toluene
Concen: 0.397 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.01 min
Lab File: VX010143.D
Acq: 08 Jun 2019 17:06

Tgt Ion: 92 Resp: 2981
Ion Ratio Lower Upper
92 100
91 171.7 139.9 209.9





#62

4-Bromofluorobenzene

Concen: 47.058 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010143.D

Acq: 08 Jun 2019 17:06

Instrument :

MSVOA_X

ClientSampleId :

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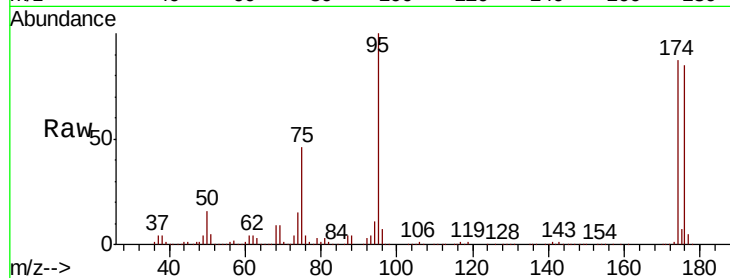
Tgt Ion: 95 Resp: 183769

Ion Ratio Lower Upper

95 100

174 93.8 0.0 160.4

176 91.1 0.0 154.6

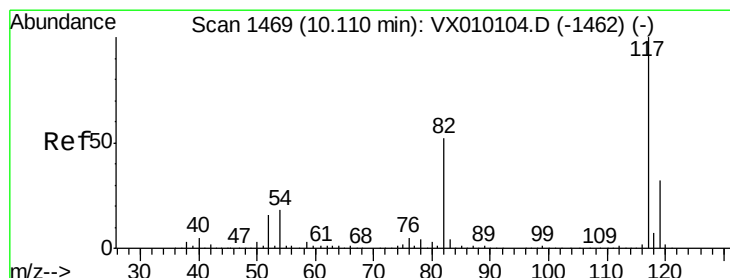
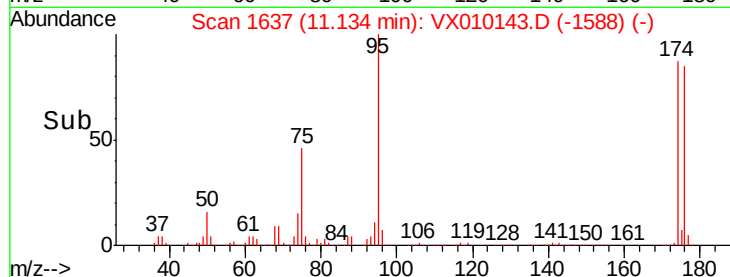
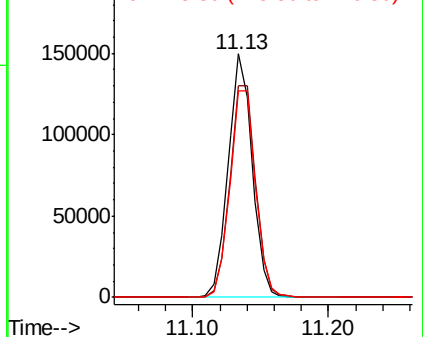


Abundance

Ion 94.90 (94.60 to 95.60): VX010104.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010104.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010104.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010143.D

Acq: 08 Jun 2019 17:06

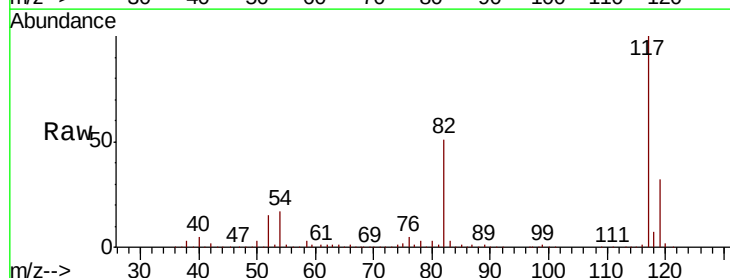
Tgt Ion: 117 Resp: 401950

Ion Ratio Lower Upper

117 100

82 50.7 49.2 73.8

119 32.3 25.2 37.8

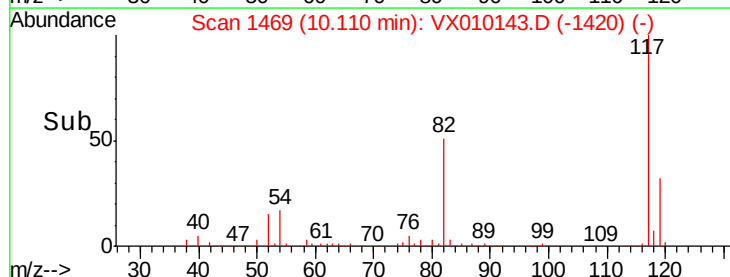
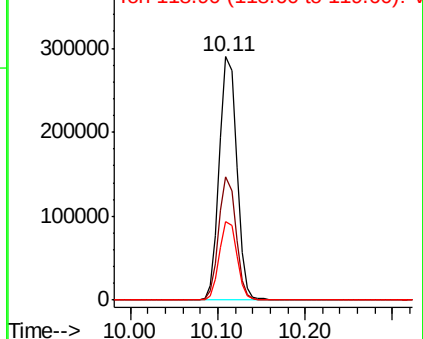


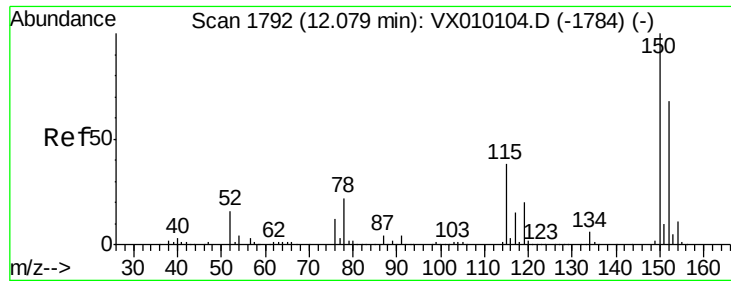
Abundance

Ion 116.90 (116.60 to 117.60): VX010104.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010104.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010104.D (-1462) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010143.D

Acq: 08 Jun 2019 17:06

Instrument :

MSVOA_X

ClientSampleId :

FB01-20190606

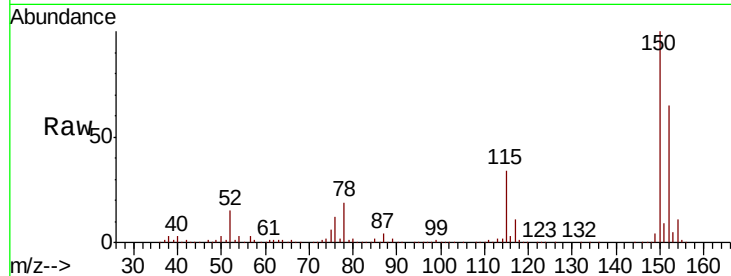
Tgt Ion:152 Resp: 189166

Ion Ratio Lower Upper

152 100

115 54.1 41.4 124.2

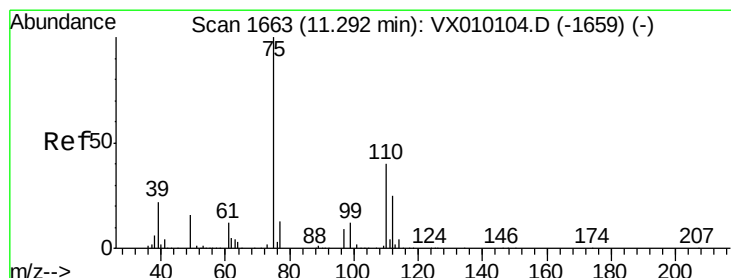
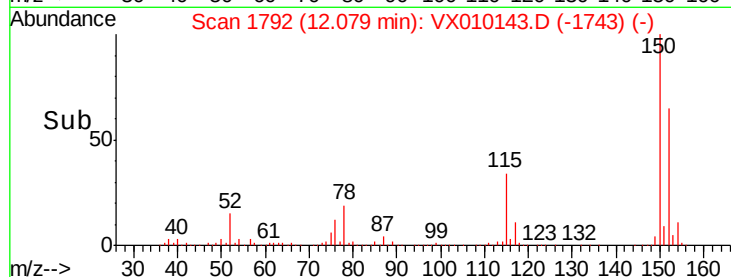
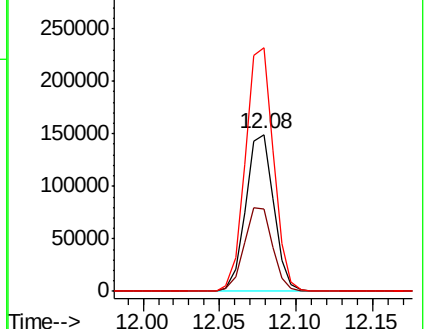
150 156.4 0.0 345.2



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



#76

1,2,3-Trichloropropane

Concen: 21.825 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010143.D

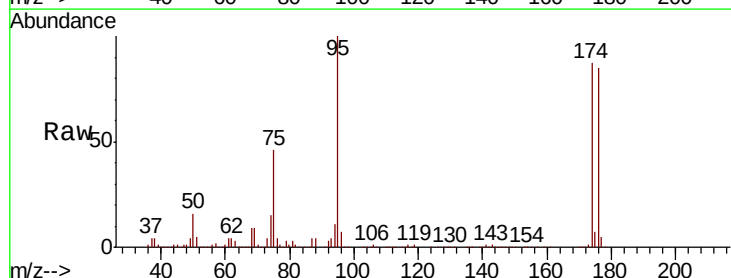
Acq: 08 Jun 2019 17:06

Tgt Ion: 75 Resp: 82578

Ion Ratio Lower Upper

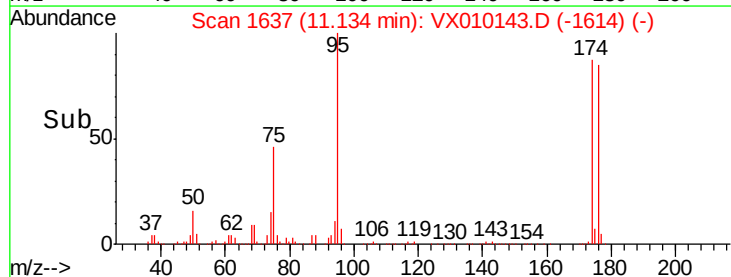
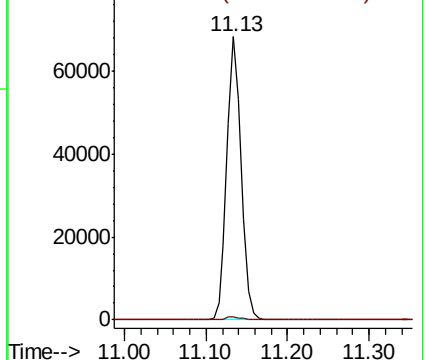
75 100

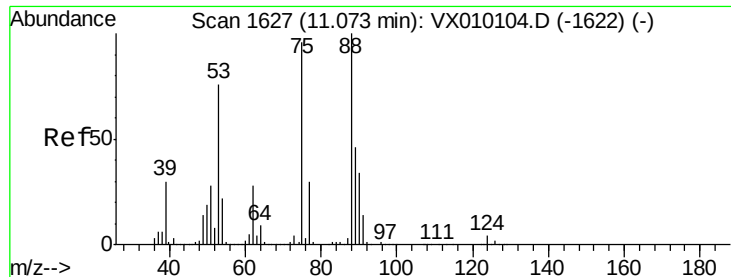
77 1.5 22.1 66.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 48.220 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010143.D

Acq: 08 Jun 2019 17:06

Instrument :

MSVOA_X

ClientSampleId :

FB01-20190606

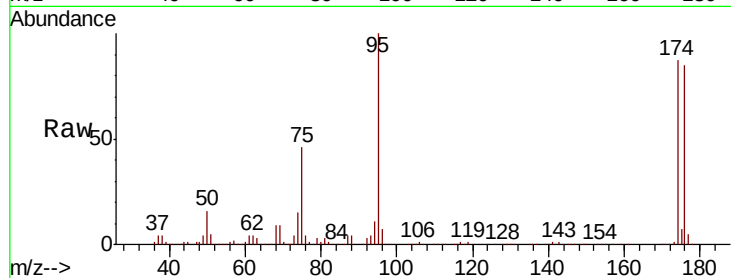
Tgt Ion: 75 Resp: 82578

Ion Ratio Lower Upper

75 100

53 0.2 79.8 119.6#

89 0.0 34.2 51.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

