

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062519\
 Data File : VX010440.D
 Acq On : 25 Jun 2019 17:52
 Operator : JC/SP
 Sample : K3519-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-19-LF2MW4-9001

Quant Time: Jun 26 01:21:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

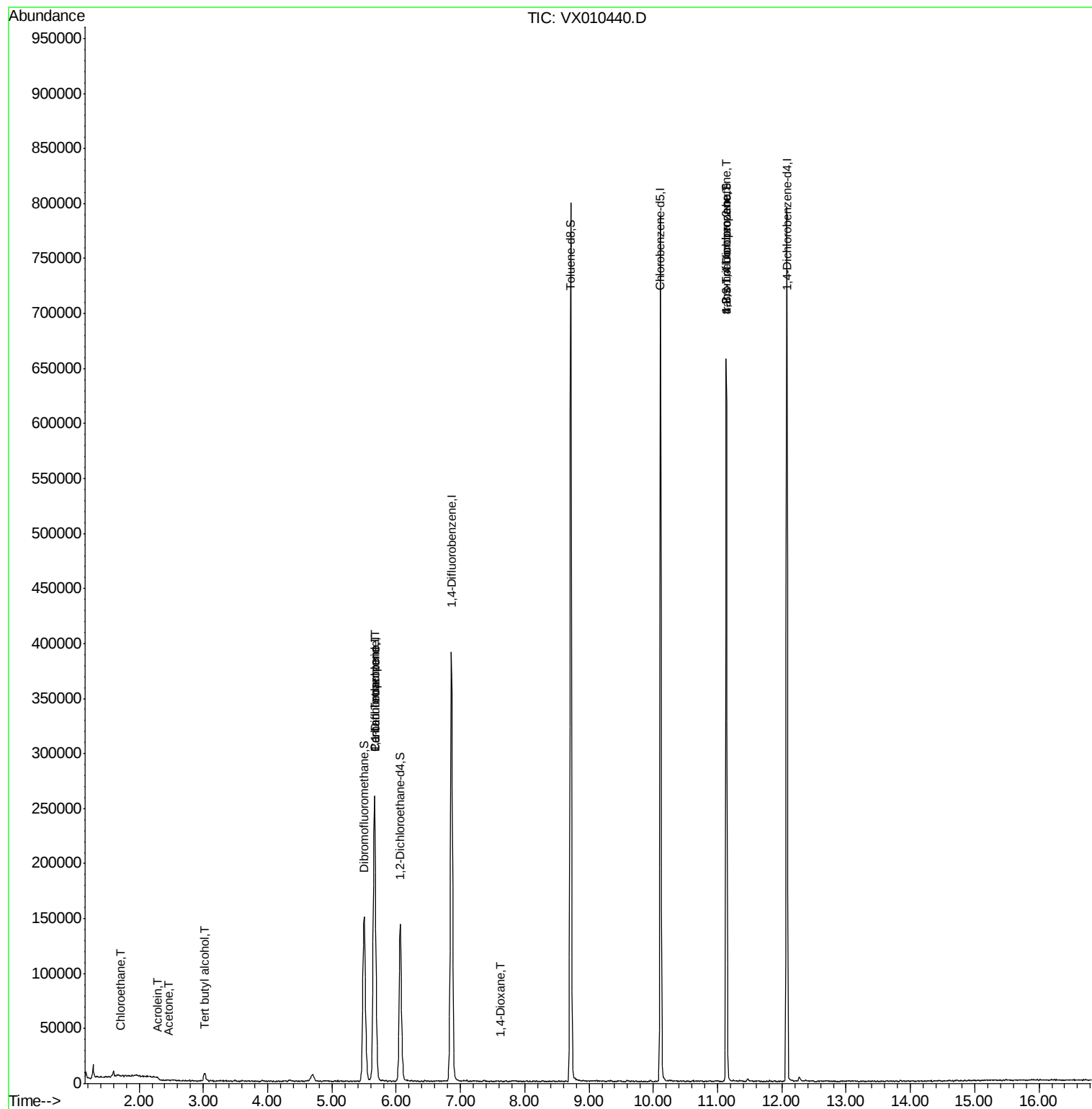
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	274578	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	421686	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	384761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	176227	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	129396	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.52%	
35) Dibromofluoromethane	5.50	113	129386	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
50) Toluene-d8	8.71	98	498174	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
62) 4-Bromofluorobenzene	11.13	95	166606	46.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.50%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.71	64	319	0.222	ug/l #	49
11) Tert butyl alcohol	3.02	59	4178	6.202	ug/l #	83
13) Acrolein	2.29	56	139	0.311	ug/l #	1
16) Acetone	2.45	43	419	0.325	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	16895	5.042	ug/l #	47
38) Carbon Tetrachloride	5.67	117	24318	6.702	ug/l #	14
49) 1,4-Dioxane	7.63	88	23	0.301	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	79157	24.649	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	79157	57.504	ug/l #	16

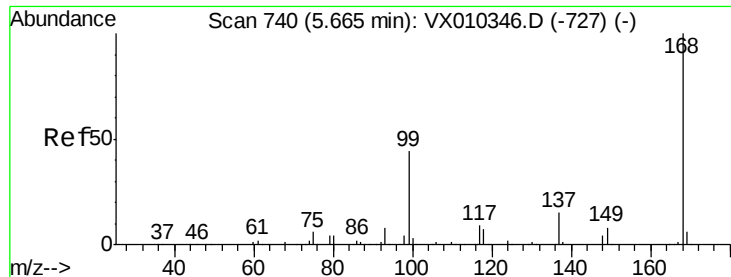
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062519\
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SP-19-LF2MW4-9001

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010440.D

Acq: 25 Jun 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

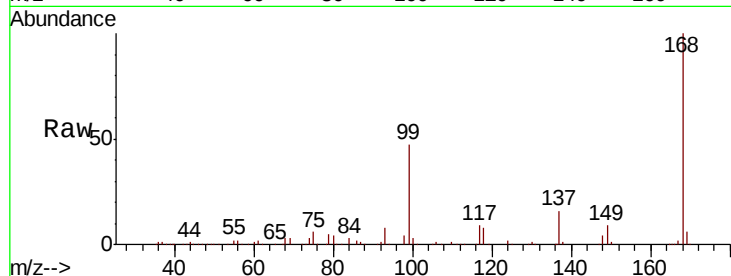
SP-19-LF2MW4-9001

Tot Ion:168 Resp: 274578

Ion Ratio Lower Upper

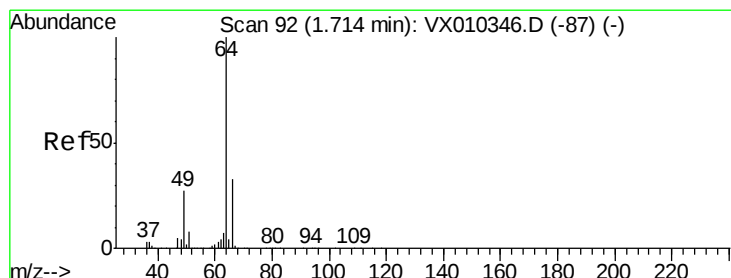
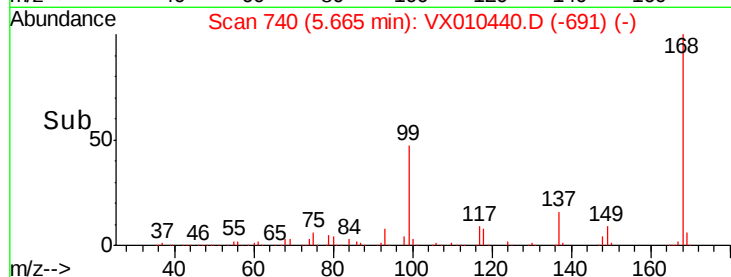
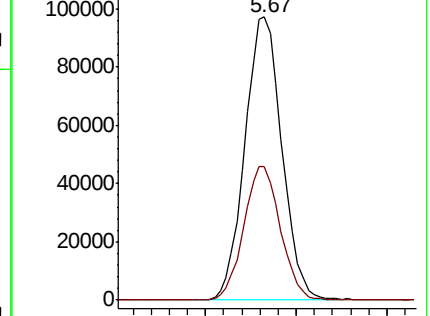
168 100

99 46.9 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#6

Chloroethane

Concen: 0.222 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010440.D

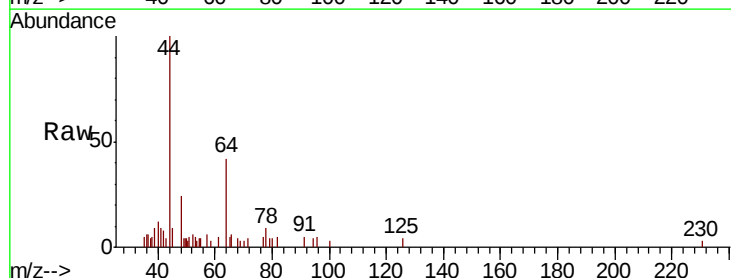
Acq: 25 Jun 2019 17:52

Tgt Ion: 64 Resp: 319

Ion Ratio Lower Upper

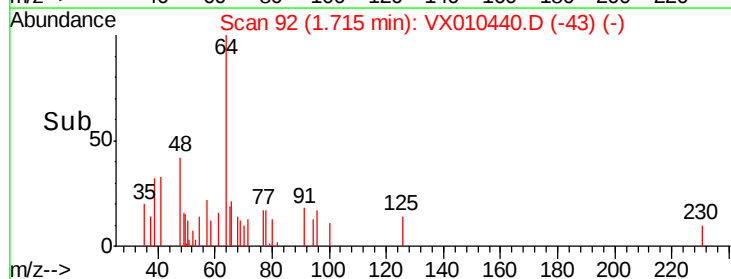
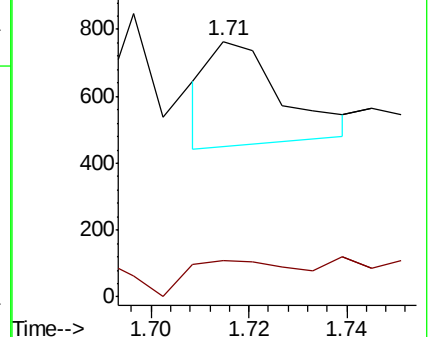
64 100

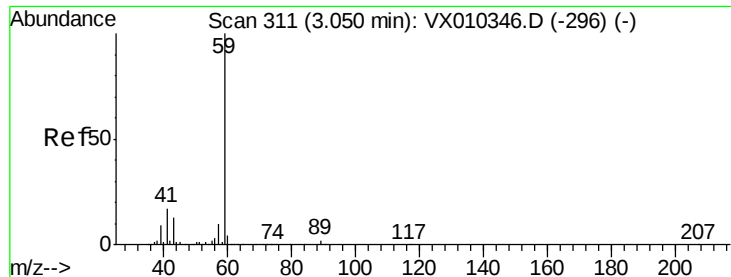
66 4.6 26.6 40.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



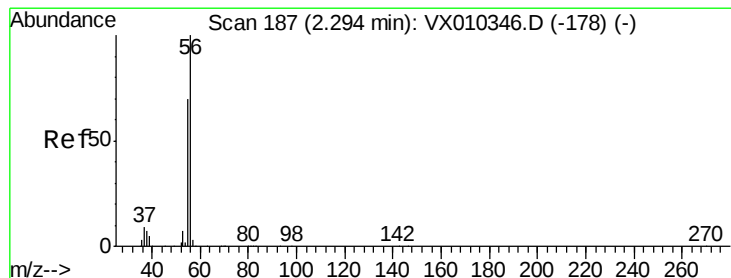
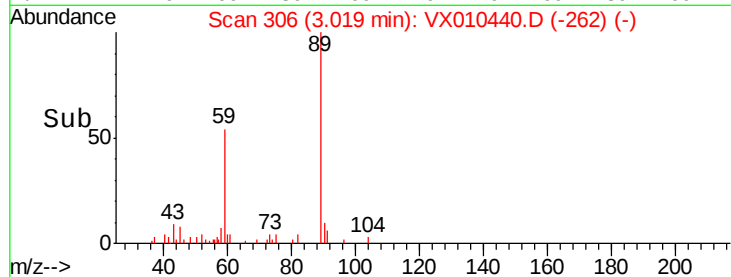
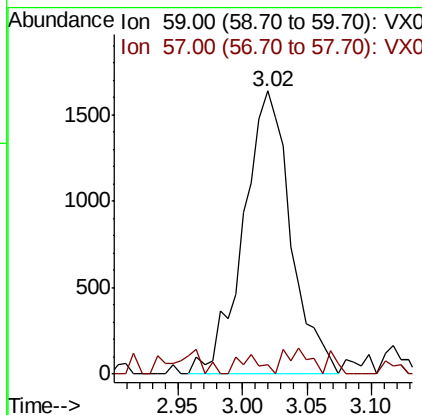
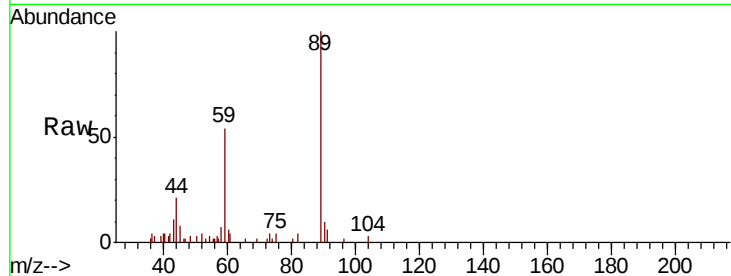


#11

Tert butyl alcohol
 Concen: 6.202 ug/l
 RT: 3.02 min Scan# 306
 Delta R.T. -0.03 min
 Lab File: VX010440.D
 Acq: 25 Jun 2019 17:52

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-19-LF2MW4-9001

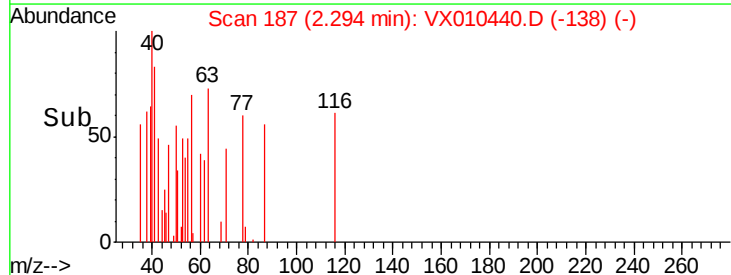
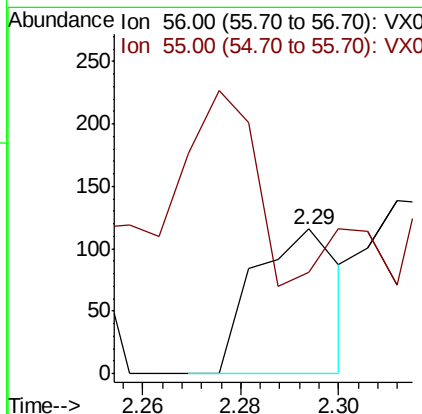
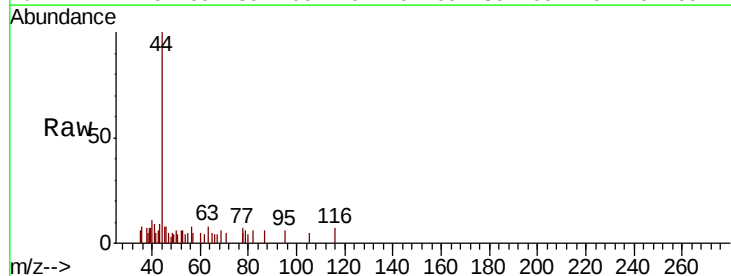
Tot Ion: 59 Resp: 4178
 Ion Ratio Lower Upper
 59 100
 57 3.3 7.7 11.5#

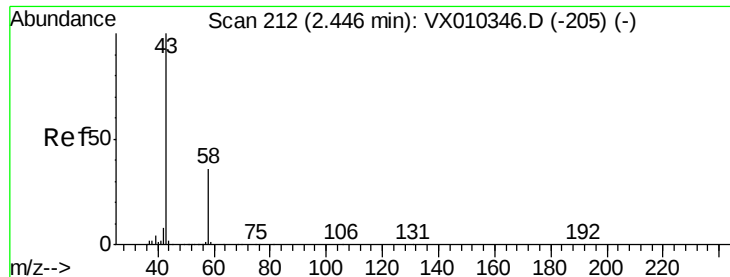


#13

Acrolein
 Concen: 0.311 ug/l
 RT: 2.29 min Scan# 187
 Delta R.T. 0.00 min
 Lab File: VX010440.D
 Acq: 25 Jun 2019 17:52

Tgt Ion: 56 Resp: 139
 Ion Ratio Lower Upper
 56 100
 55 183.5 56.9 85.3#





#16

Acetone

Concen: 0.325 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX010440.D

Acq: 25 Jun 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

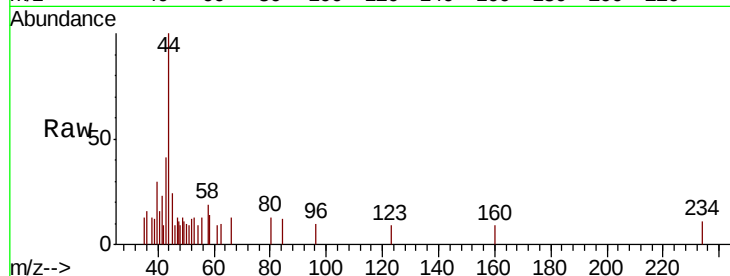
SP-19-LF2MW4-9001

Tot Ion: 43 Resp: 419

Ion Ratio Lower Upper

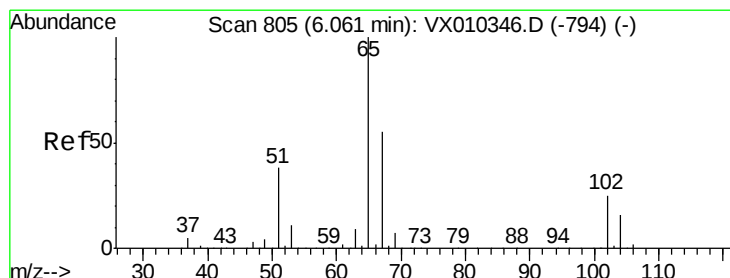
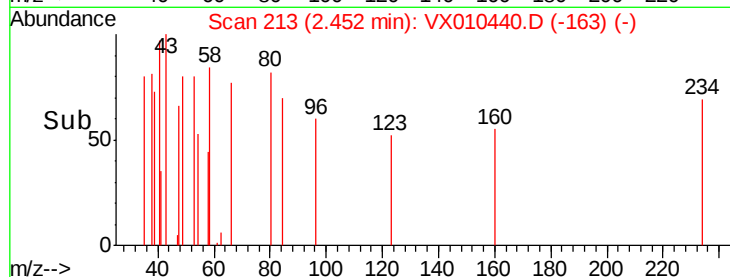
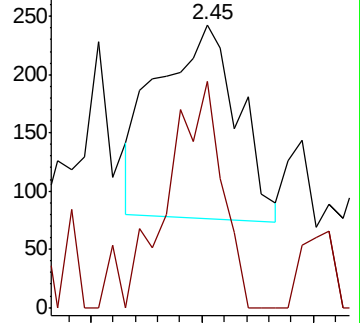
43 100

58 126.8 28.9 43.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.262 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010440.D

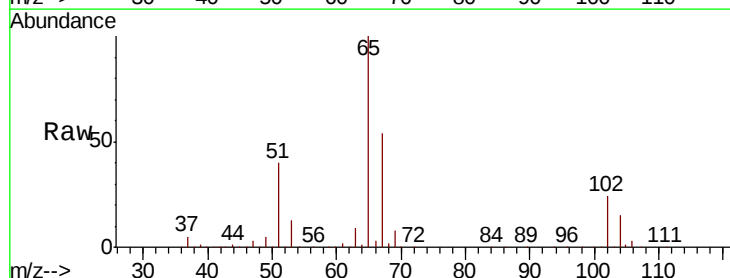
Acq: 25 Jun 2019 17:52

Tgt Ion: 65 Resp: 129396

Ion Ratio Lower Upper

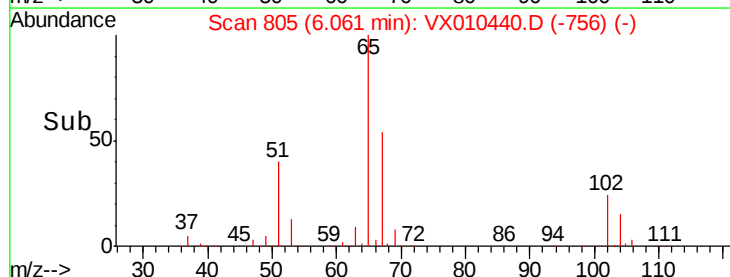
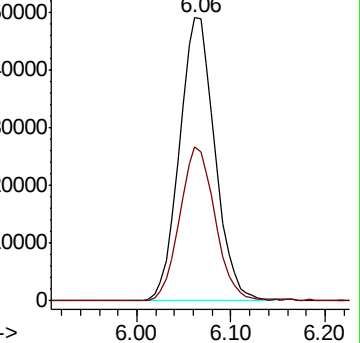
65 100

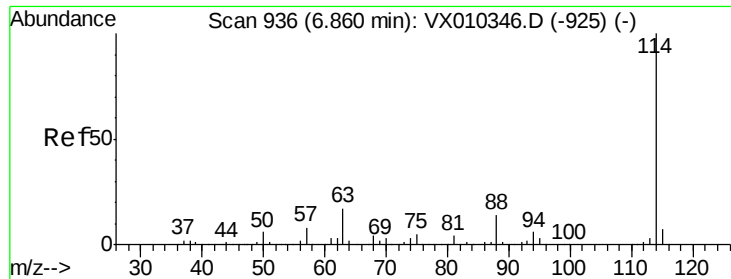
67 54.3 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

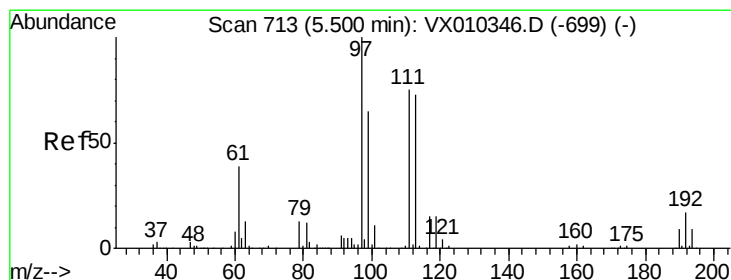
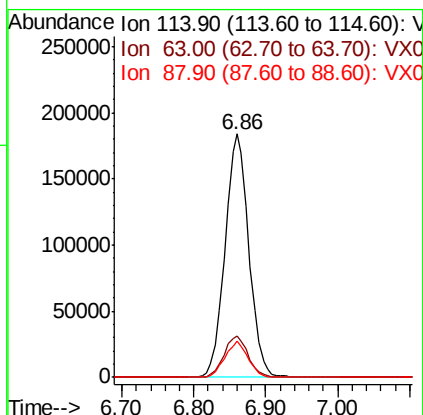
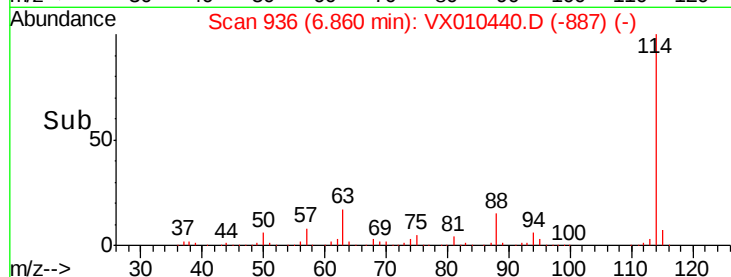
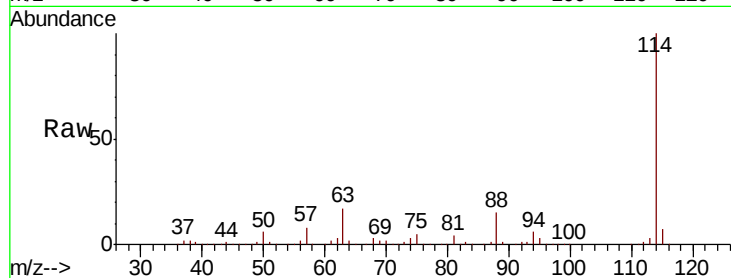




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010440.D
 Acq: 25 Jun 2019 17:52

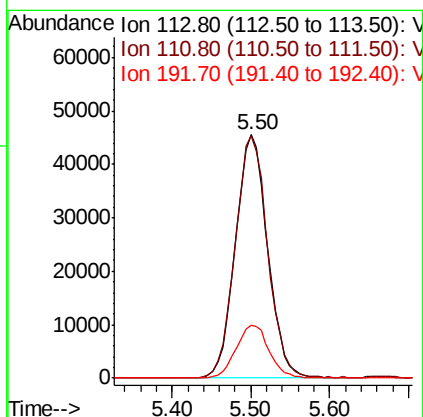
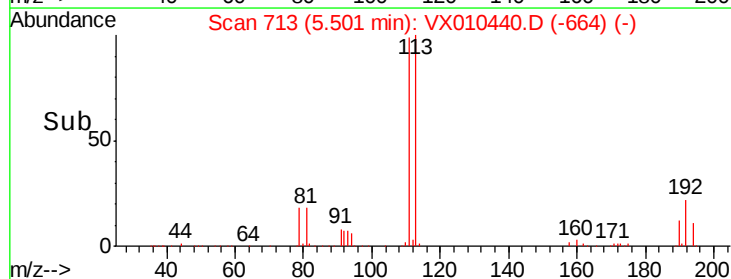
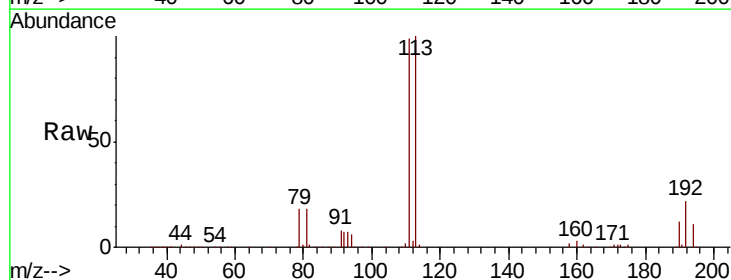
Instrument :
 MSVOA_X
 ClientSampleId :
 SP-19-LF2MW4-9001

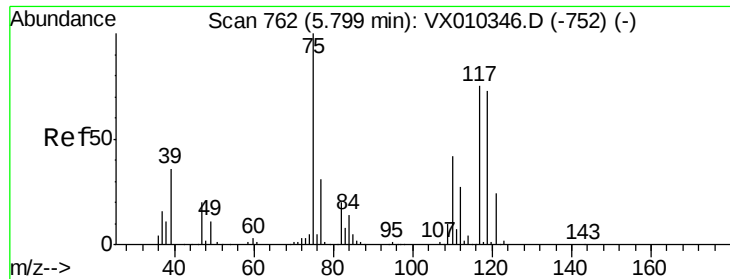
Tot Ion:114 Resp: 421686
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 33.8
 88 14.7 0.0 27.6



#35
 Dibromofluoromethane
 Concen: 50.149 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010440.D
 Acq: 25 Jun 2019 17:52

Tgt Ion:113 Resp: 129386
 Ion Ratio Lower Upper
 113 100
 111 100.2 81.2 121.8
 192 22.3 18.6 27.8

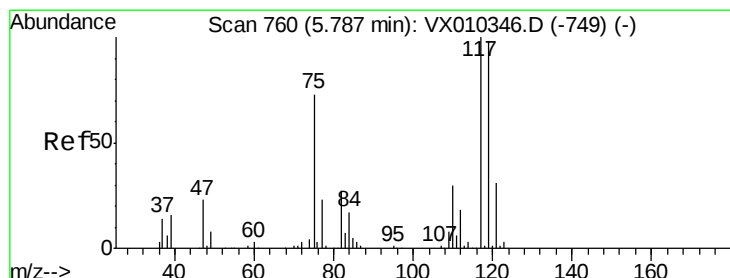
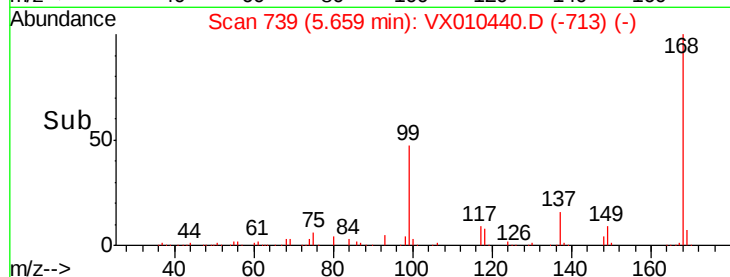
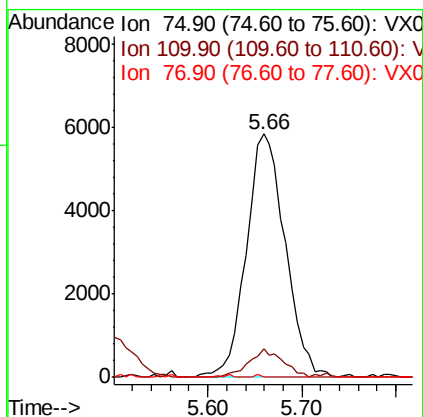
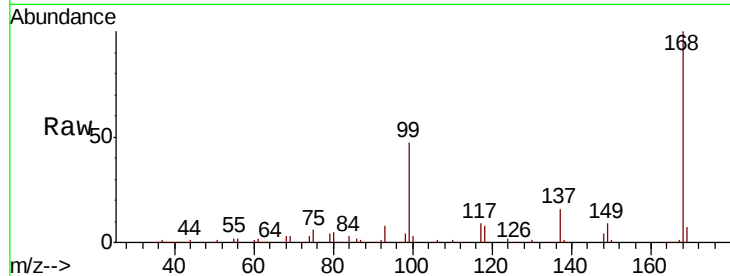




#36
 1,1-Dichloropropene
 Concen: 5.042 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010440.D
 Acq: 25 Jun 2019 17:52

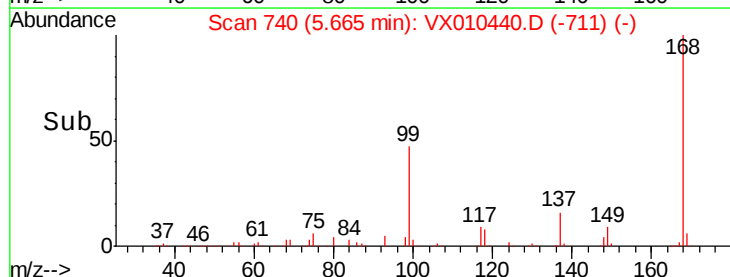
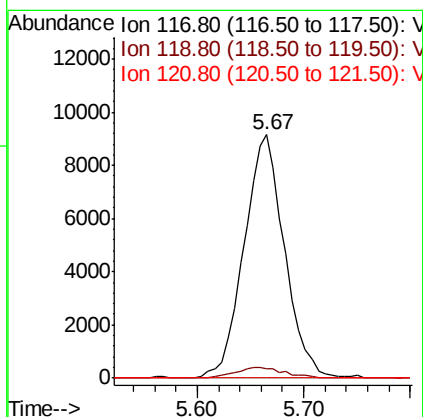
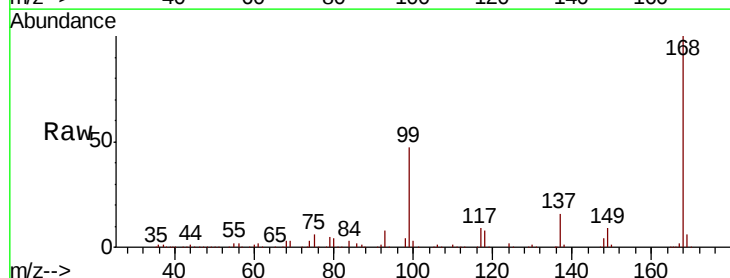
Instrument :
 MSVOA_X
 ClientSampleId :
 SP-19-LF2MW4-9001

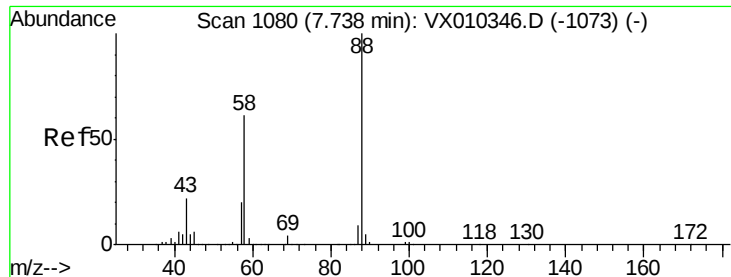
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.2	20.8	62.2#
77	0.2	25.4	38.0#



#38
 Carbon Tetrachloride
 Concen: 6.702 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX010440.D
 Acq: 25 Jun 2019 17:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.0	78.2	117.4#
121	0.0	24.7	37.1#

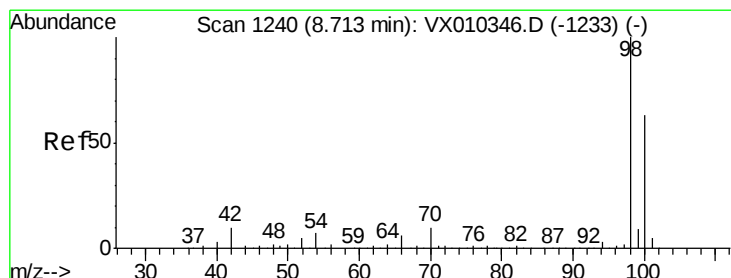
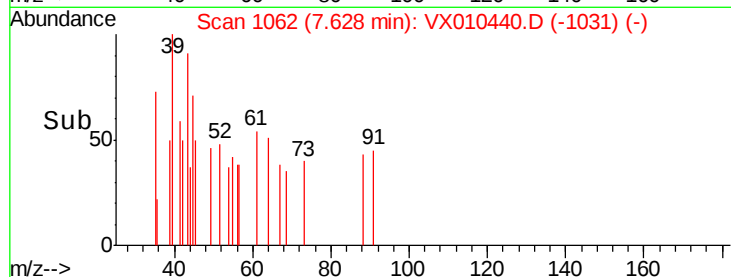
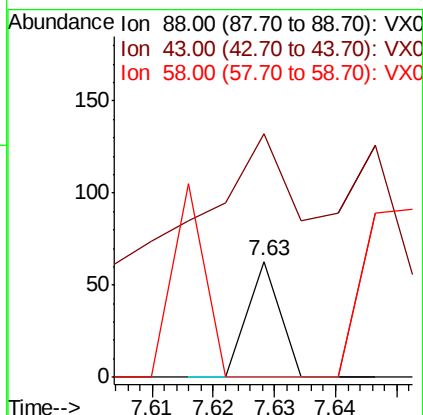
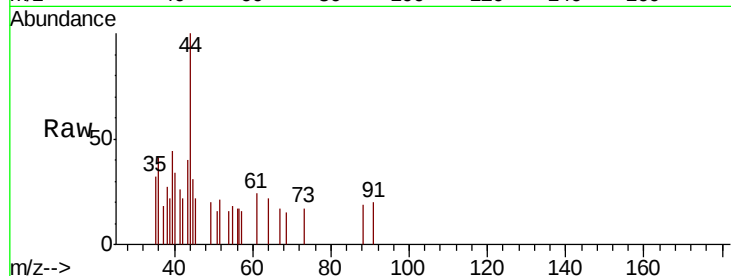




#49
1,4-Dioxane
Concen: 0.301 ug/l
RT: 7.63 min Scan# 1062
Delta R.T. -0.11 min
Lab File: VX010440.D
Acq: 25 Jun 2019 17:52

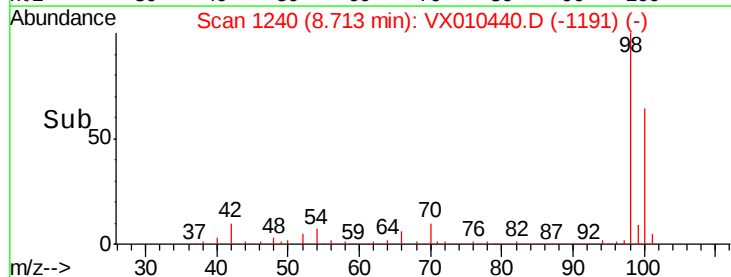
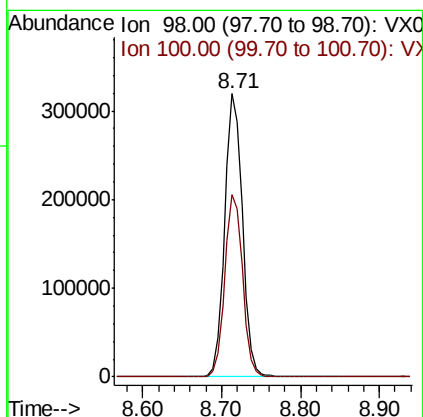
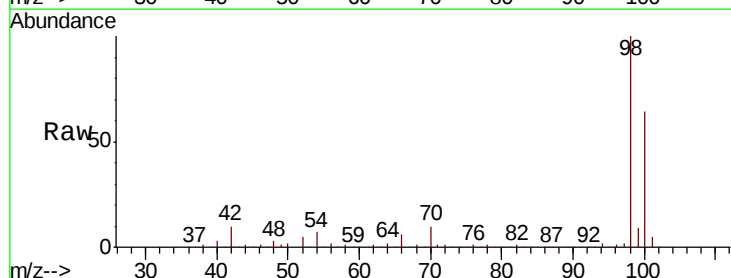
Instrument :
MSVOA_X
ClientSampleId :
SP-19-LF2MW4-9001

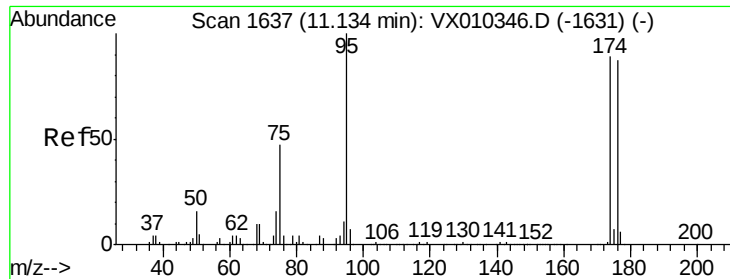
Tot Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
43 1065.2 20.2 30.2#
58 165.2 49.5 74.3#



#50
Toluene-d8
Concen: 50.470 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010440.D
Acq: 25 Jun 2019 17:52

Tgt Ion: 98 Resp: 498174
Ion Ratio Lower Upper
98 100
100 64.7 51.6 77.4





#62

4-Bromofluorobenzene

Concen: 46.752 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010440.D

Acq: 25 Jun 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

SP-19-LF2MW4-9001

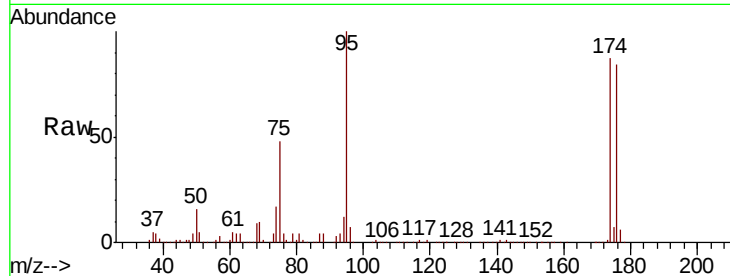
Tot Ion: 95 Resp: 166606

Ion Ratio Lower Upper

95 100

174 96.2 0.0 187.6

176 92.2 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX010440.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010440.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010440.D (-1631) (-)

11.13

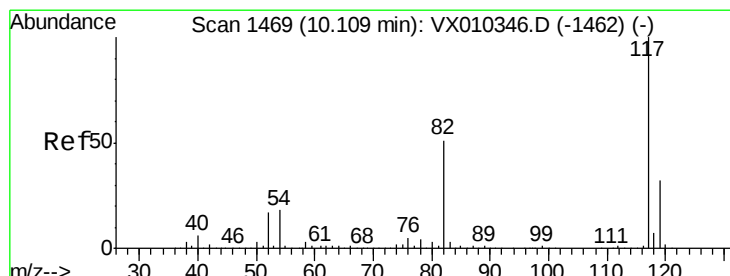
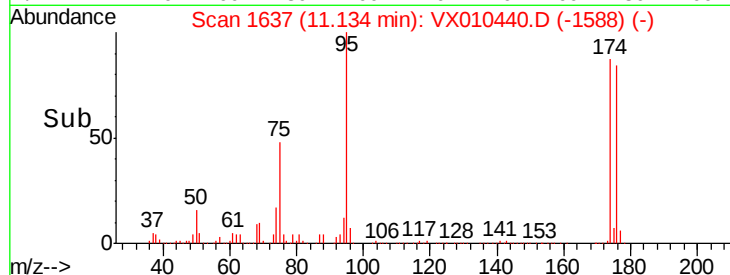
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010440.D

Acq: 25 Jun 2019 17:52

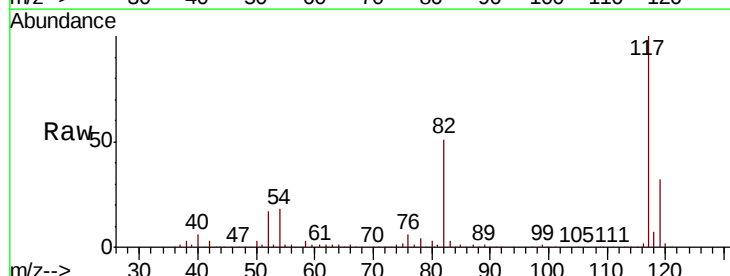
Tgt Ion: 117 Resp: 384761

Ion Ratio Lower Upper

117 100

82 51.4 41.2 61.8

119 32.3 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VX010440.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010440.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010440.D (-1462) (-)

10.11

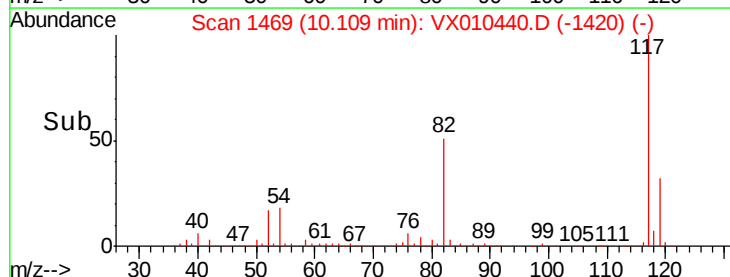
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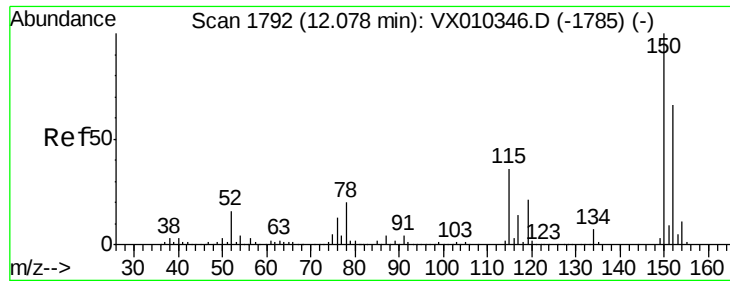
200000

100000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010440.D

Acq: 25 Jun 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

SP-19-LF2MW4-9001

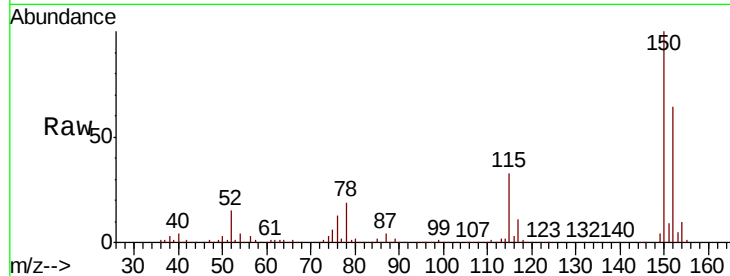
Tot Ion:152 Resp: 176227

Ion Ratio Lower Upper

152 100

115 54.3 38.6 115.7

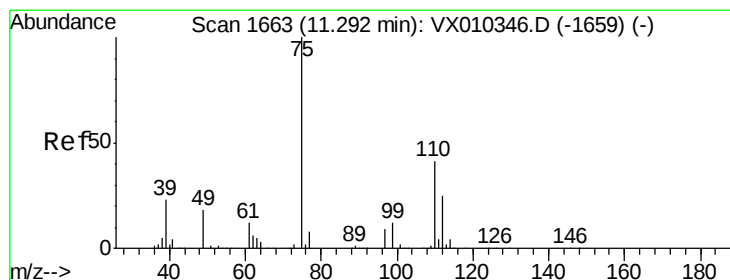
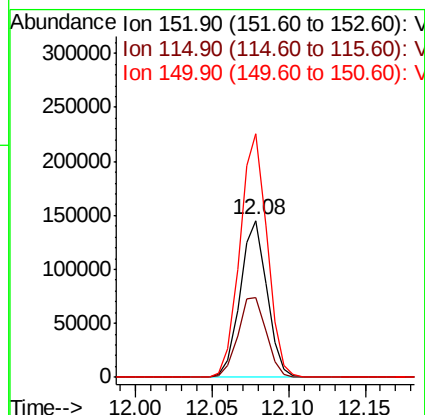
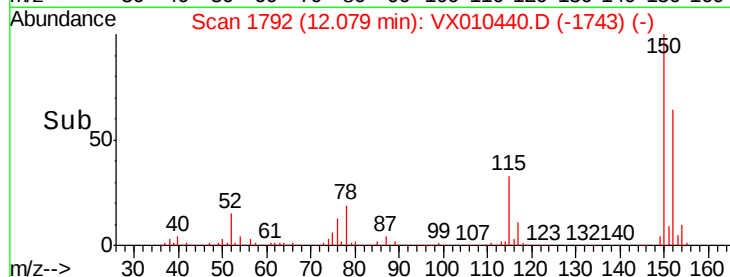
150 157.6 0.0 347.4



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: 24.649 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010440.D

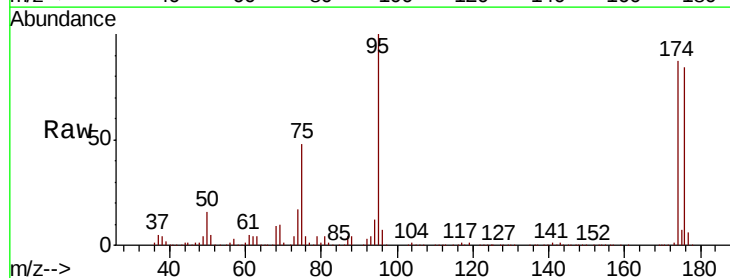
Acq: 25 Jun 2019 17:52

Tgt Ion: 75 Resp: 79157

Ion Ratio Lower Upper

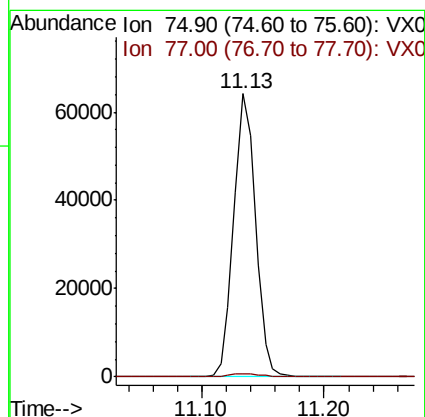
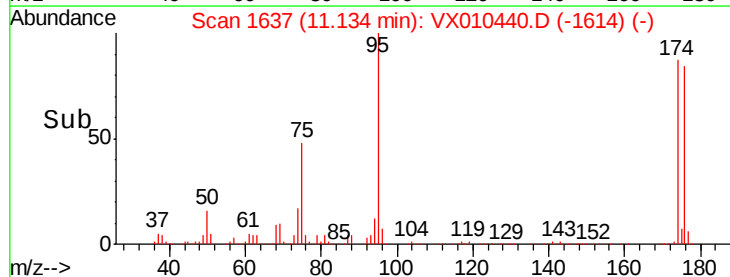
75 100

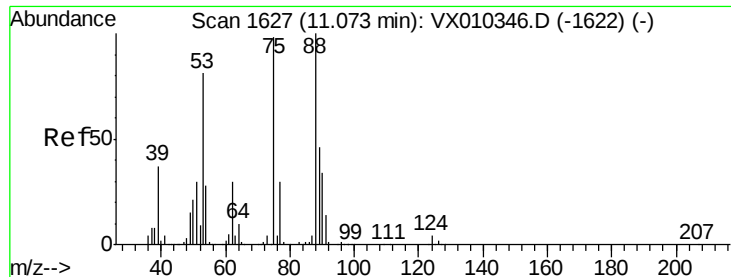
77 1.7 22.6 67.8#



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: 57.504 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010440.D

Acq: 25 Jun 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

SP-19-LF2MW4-9001

Tot Ion: 75 Resp: 79157

Ion Ratio Lower Upper

75 100

53 0.0 66.1 99.1#

89 0.1 37.8 56.6#

