

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060319\
 Data File : VX010039.D
 Acq On : 03 Jun 2019 16:24
 Operator : JC/SP
 Sample : K2641-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CL-02-053119-C

Quant Time: Jun 04 04:50:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

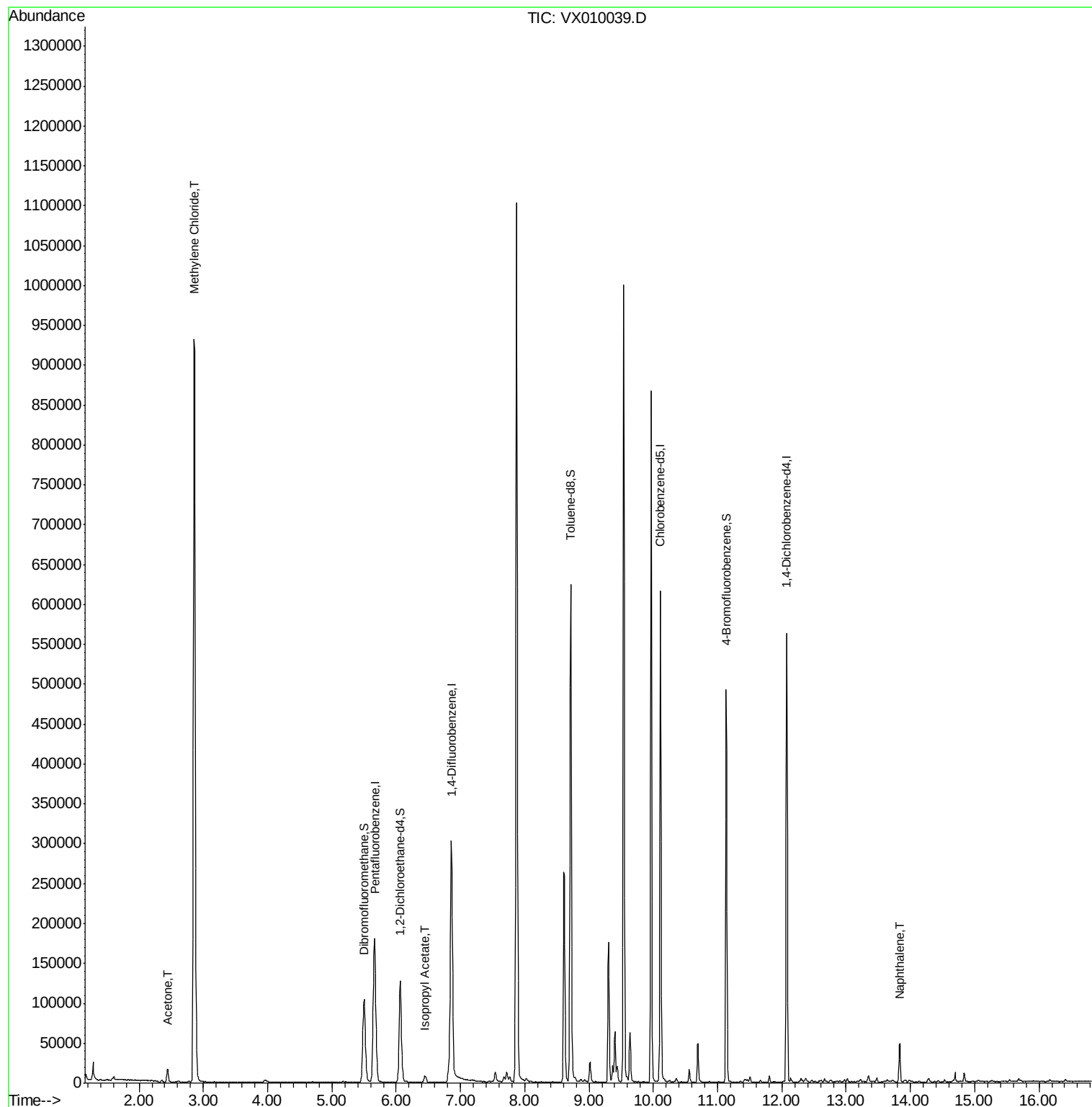
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	180912	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	289579	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	264699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117281	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	119290	46.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.36%	
35) Dibromofluoromethane	5.50	113	88813	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.56%	
50) Toluene-d8	8.71	98	367725	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
62) 4-Bromofluorobenzene	11.13	95	124708	46.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.92%	
Target Compounds						
16) Acetone	2.44	43	18361	12.435	ug/l	99
20) Methylene Chloride	2.85	84	427788	189.193	ug/l	98
43) Isopropyl Acetate	6.45	43	12115	1.834	ug/l	100
95) Naphthalene	13.83	128	30046	3.490	ug/l	99

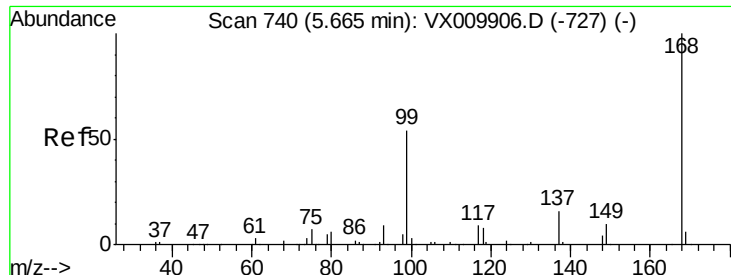
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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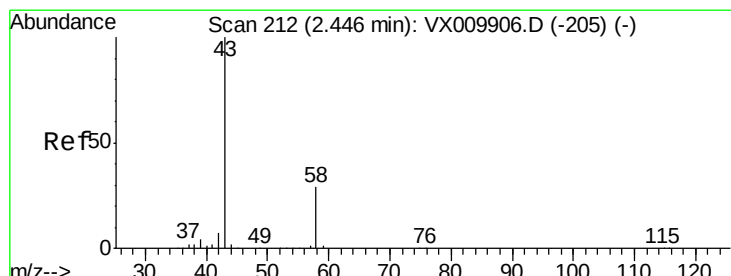
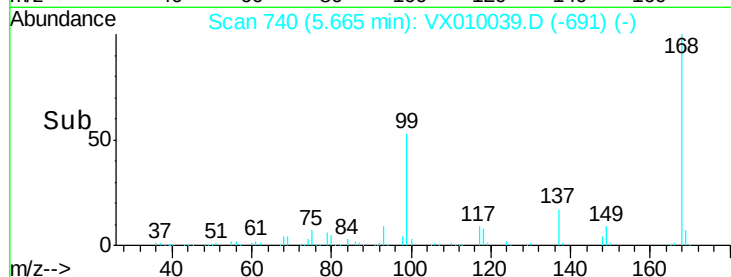
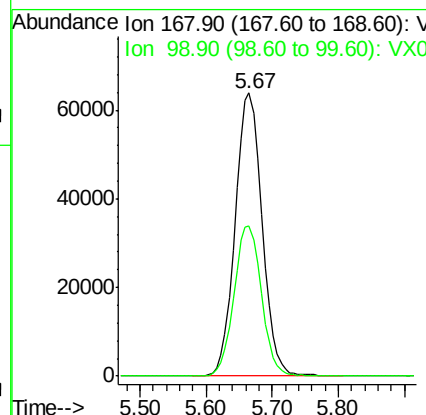
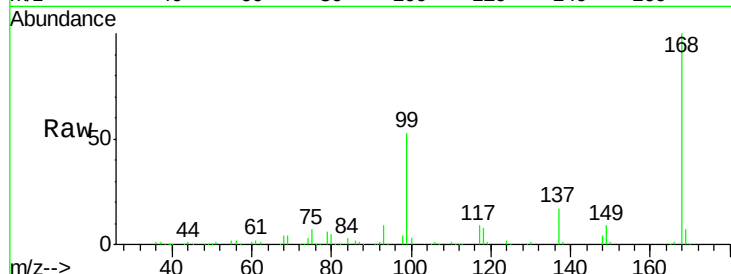




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX010039.D
Acq: 03 Jun 2019 16:24

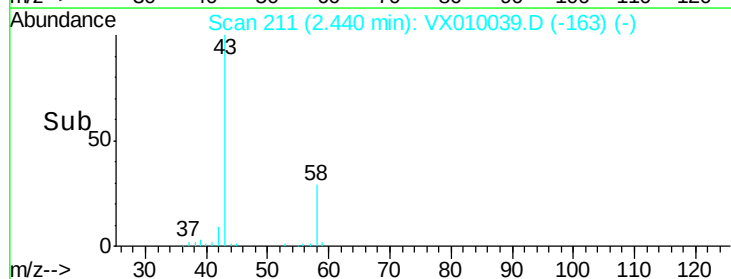
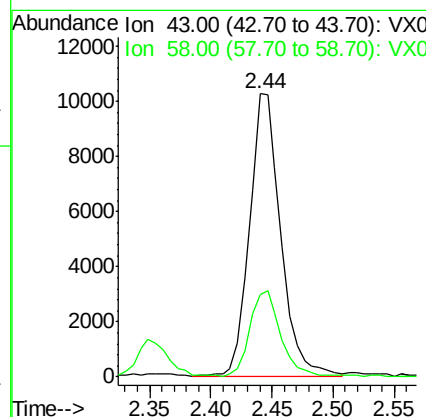
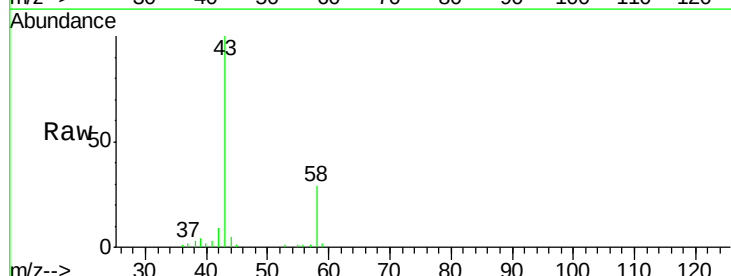
Instrument :
MSVOA_X
ClientSampleId :
CL-02-053119-C

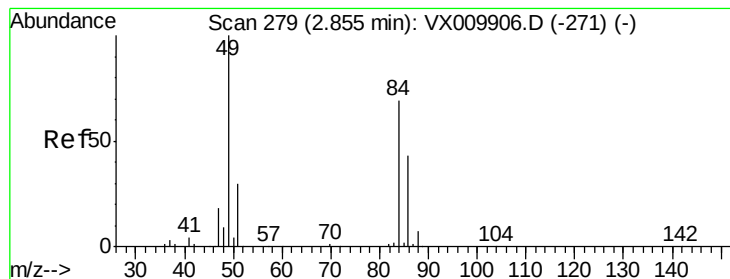
Tot Ion:168 Resp: 180912
Ion Ratio Lower Upper
168 100
99 53.0 43.0 64.6



#16
Acetone
Concen: 12.435 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX010039.D
Acq: 03 Jun 2019 16:24

Tgt Ion: 43 Resp: 18361
Ion Ratio Lower Upper
43 100
58 28.5 23.2 34.8





#20

Methvlene Chloride

Concen: 189.193 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX010039.D

Acq: 03 Jun 2019 16:24

Instrument :

MSVOA_X

ClientSampleId :

CL-02-053119-C

Tot Ion: 84 Resp: 427788

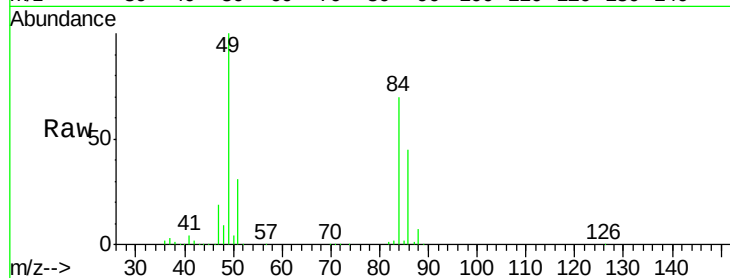
Ion Ratio Lower Upper

84 100

49 142.7 115.8 173.6

51 43.6 34.4 51.6

86 63.7 49.7 74.5

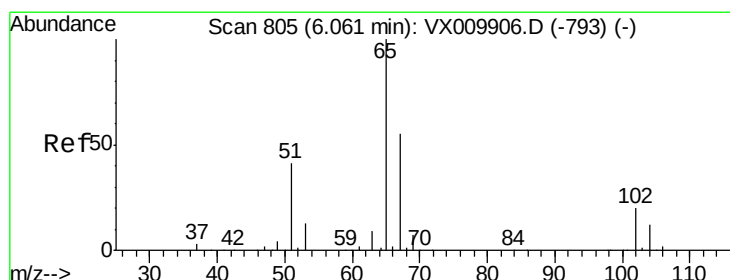
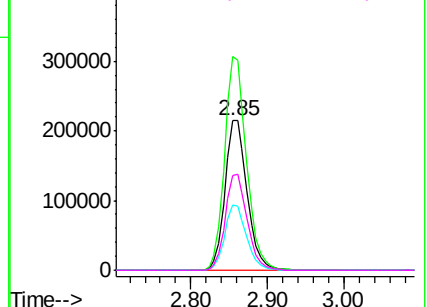
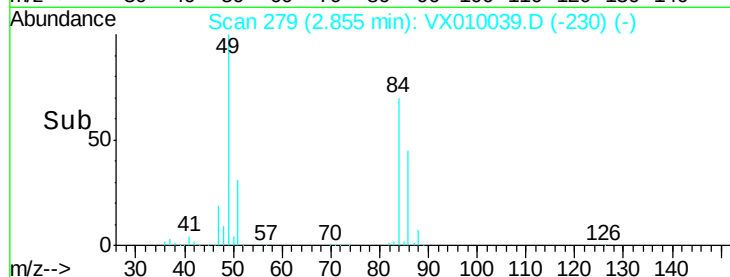


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 46.679 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010039.D

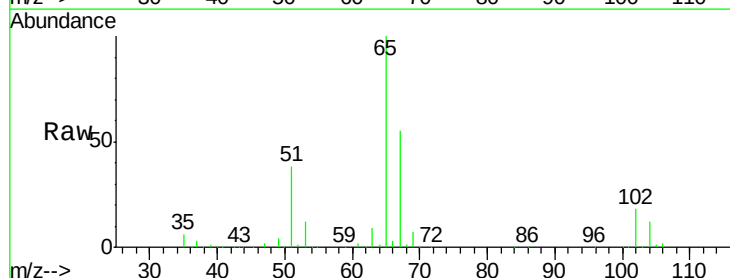
Acq: 03 Jun 2019 16:24

Tgt Ion: 65 Resp: 119290

Ion Ratio Lower Upper

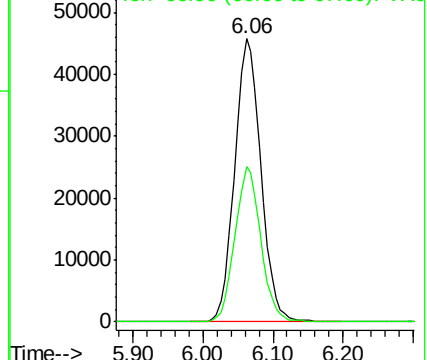
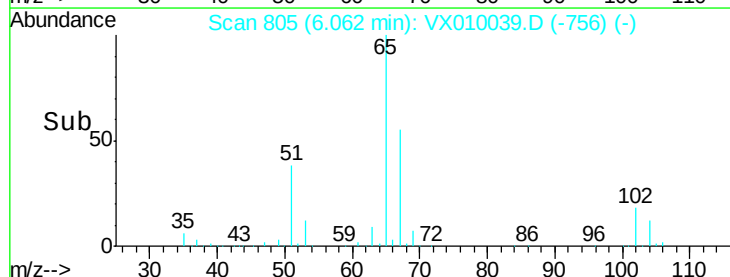
65 100

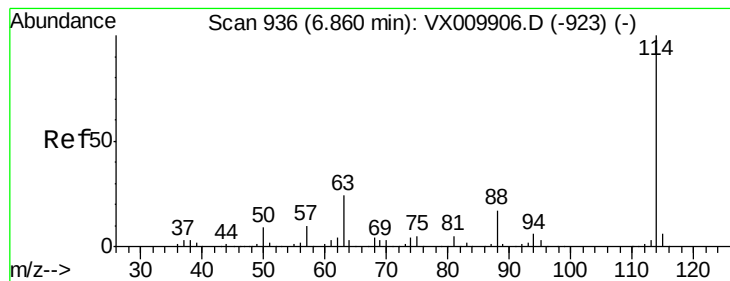
67 53.9 0.0 108.4



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: VX010039.D

Acq: 03 Jun 2019 16:24

Instrument :

MSVOA_X

ClientSampleId :

CL-02-053119-C

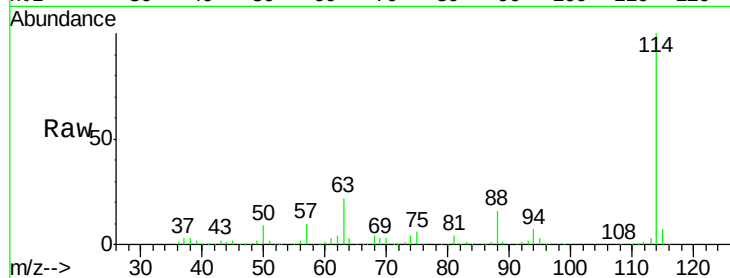
Tot Ion:114 Resp: 289579

Ion Ratio Lower Upper

114 100

63 22.4 0.0 47.4

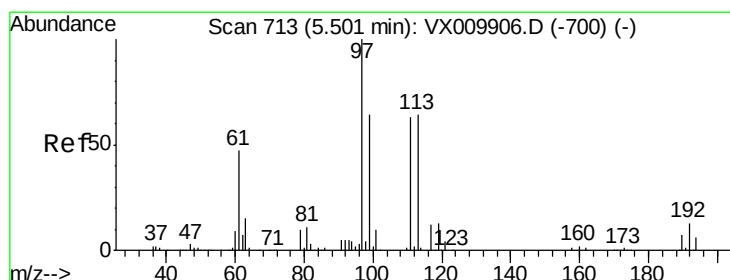
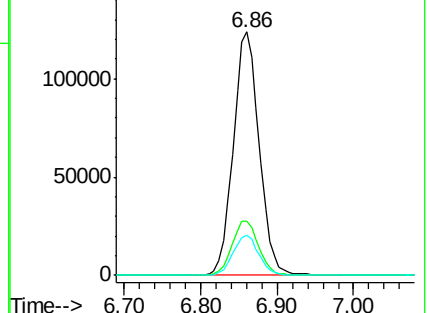
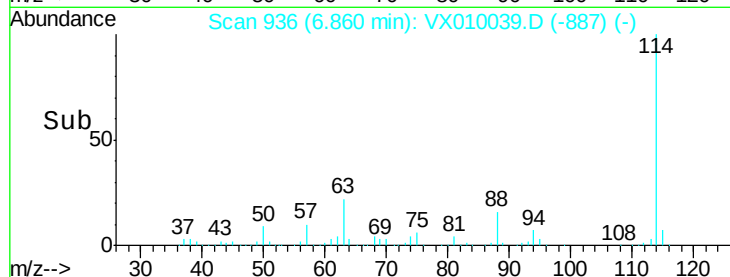
88 16.3 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.783 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010039.D

Acq: 03 Jun 2019 16:24

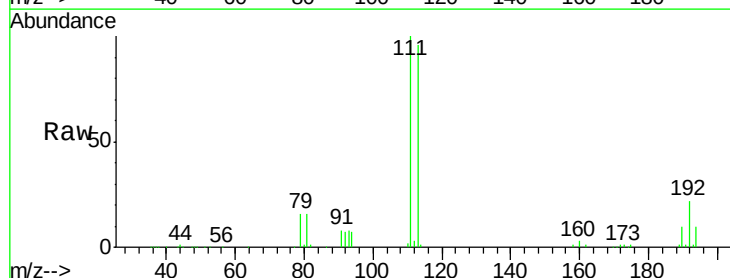
Tgt Ion:113 Resp: 88813

Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.2

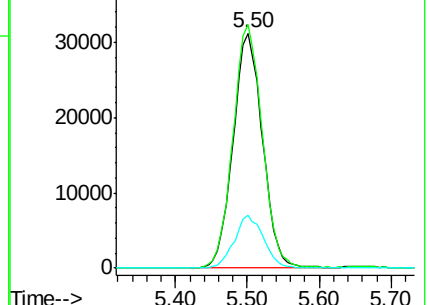
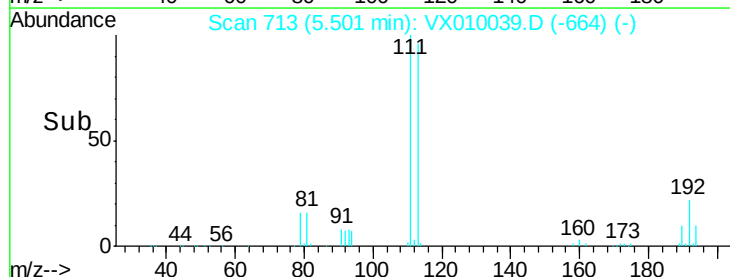
192 22.2 17.1 25.7

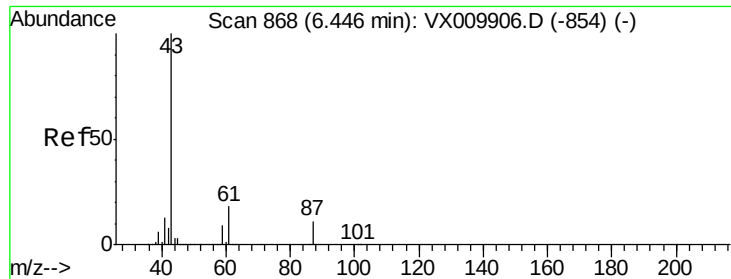


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.834 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010039.D

Acq: 03 Jun 2019 16:24

Instrument :

MSVOA_X

ClientSampleId :

CL-02-053119-C

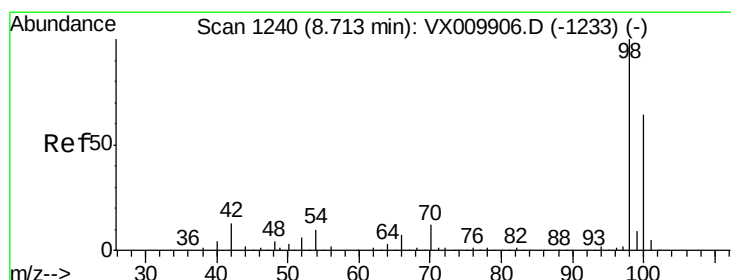
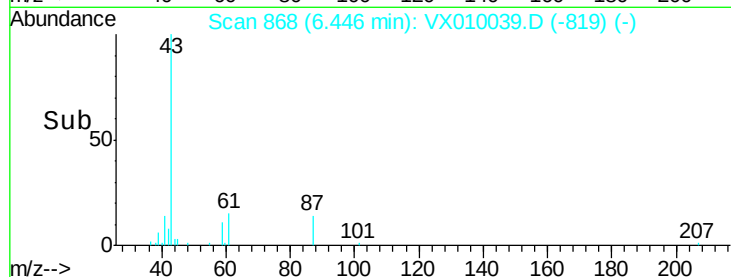
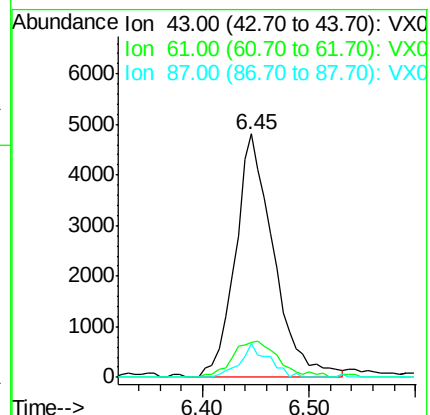
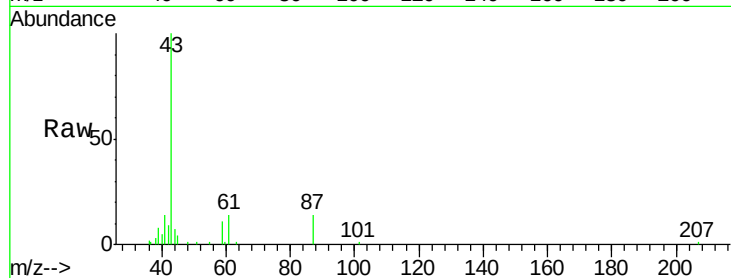
Tot Ion: 43 Resp: 12115

Ion Ratio Lower Upper

43 100

61 18.2 14.6 21.8

87 10.5 8.7 13.1



#50

Toluene-d8

Concen: 49.739 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010039.D

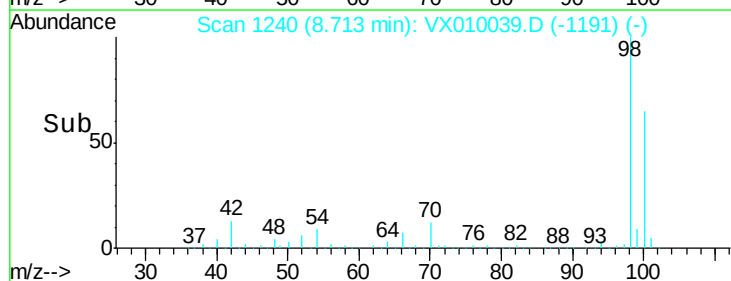
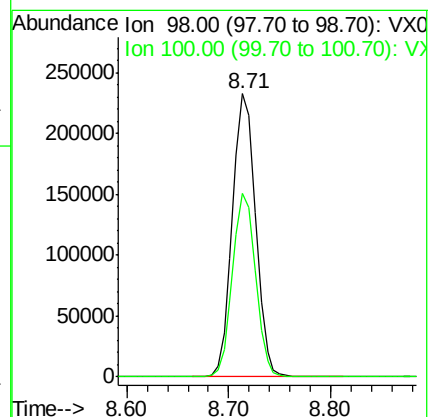
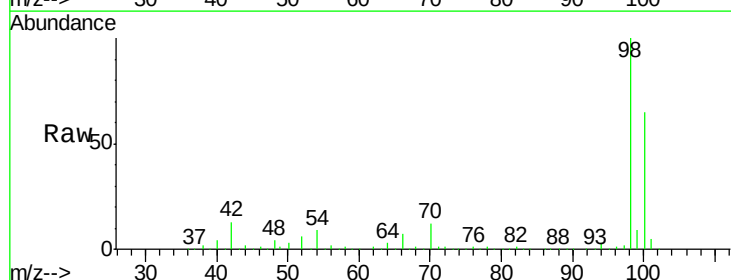
Acq: 03 Jun 2019 16:24

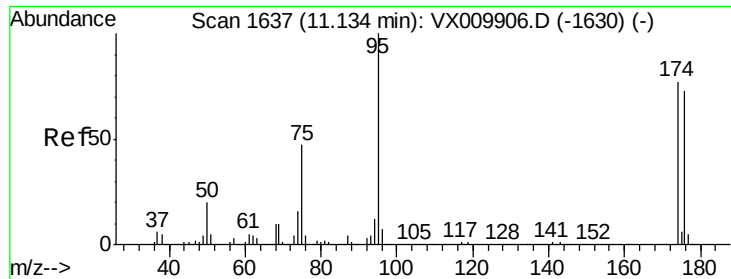
Tgt Ion: 98 Resp: 367725

Ion Ratio Lower Upper

98 100

100 64.4 51.5 77.3

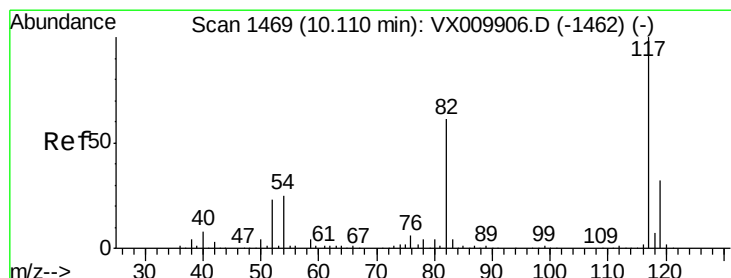
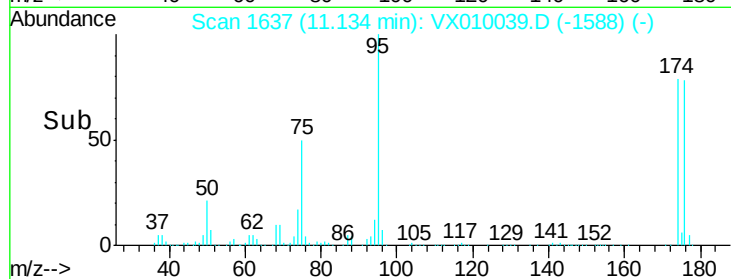
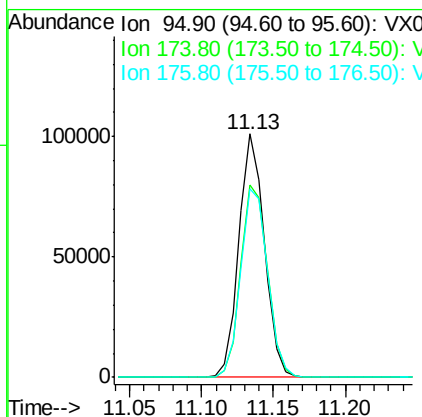
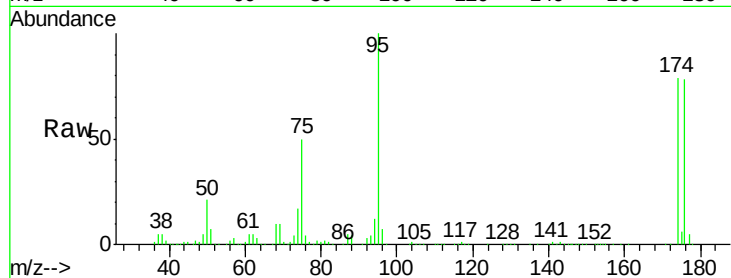




#62
4-Bromofluorobenzene
Concen: 46.963 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010039.D
Acq: 03 Jun 2019 16:24

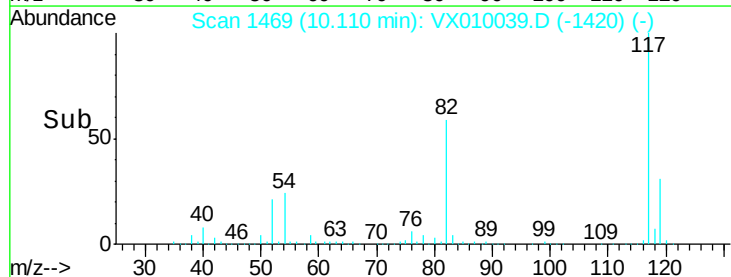
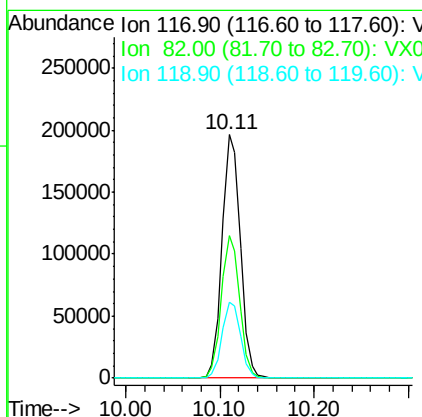
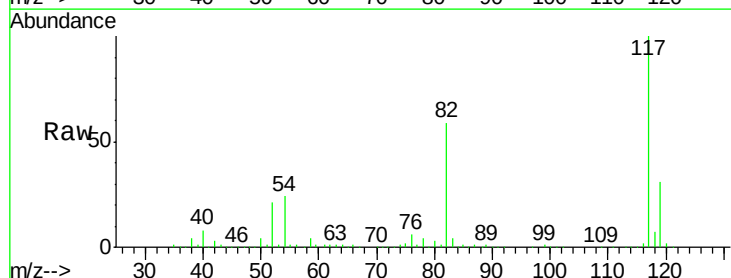
Instrument :
MSVOA_X
ClientSampled :
CL-02-053119-C

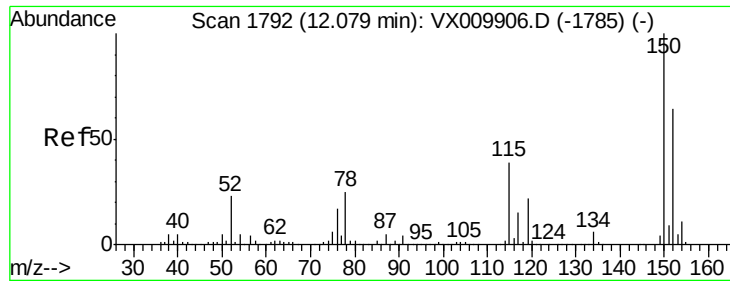
Tot Ion: 95 Resp: 124708
Ion Ratio Lower Upper
95 100
174 82.9 0.0 160.4
176 81.7 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010039.D
Acq: 03 Jun 2019 16:24

Tgt Ion: 117 Resp: 264699
Ion Ratio Lower Upper
117 100
82 58.7 49.2 73.8
119 31.4 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010039.D

Acq: 03 Jun 2019 16:24

Instrument :

MSVOA_X

ClientSampleId :

CL-02-053119-C

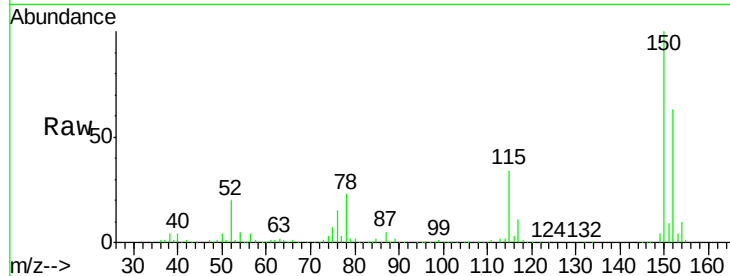
Tot Ion:152 Resp: 117281

Ion Ratio Lower Upper

152 100

115 57.1 41.4 124.2

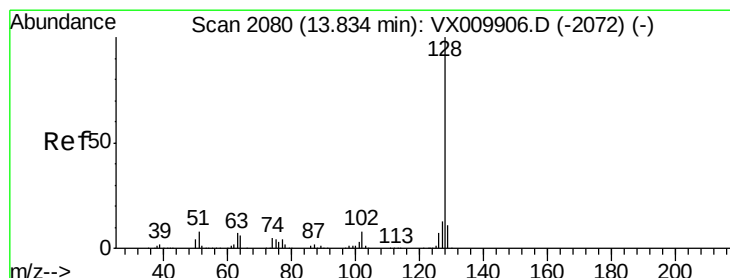
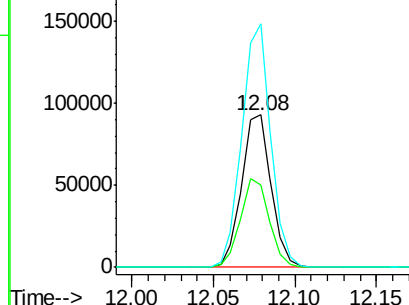
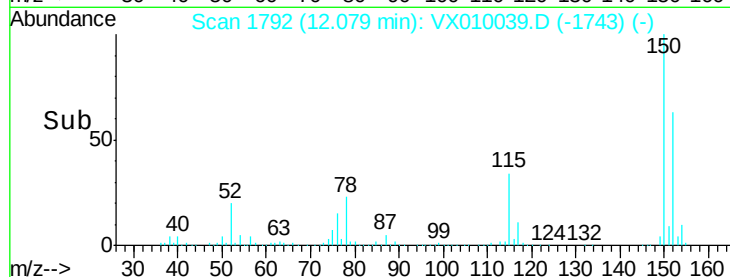
150 156.6 0.0 345.2



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



#95

Naphthalene

Concen: 3.490 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010039.D

Acq: 03 Jun 2019 16:24

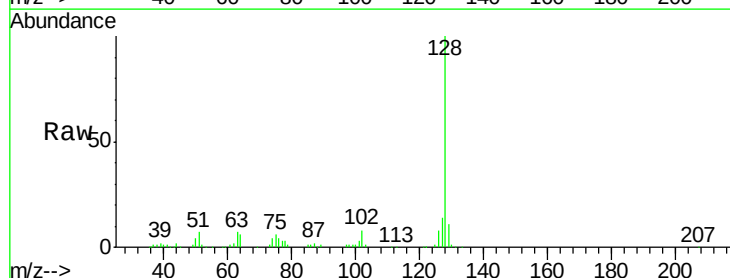
Tgt Ion:128 Resp: 30046

Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

129 11.2 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

