

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060319\
 Data File : VX010038.D
 Acq On : 03 Jun 2019 16:01
 Operator : JC/SP
 Sample : K2641-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Jun 04 04:46:36 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

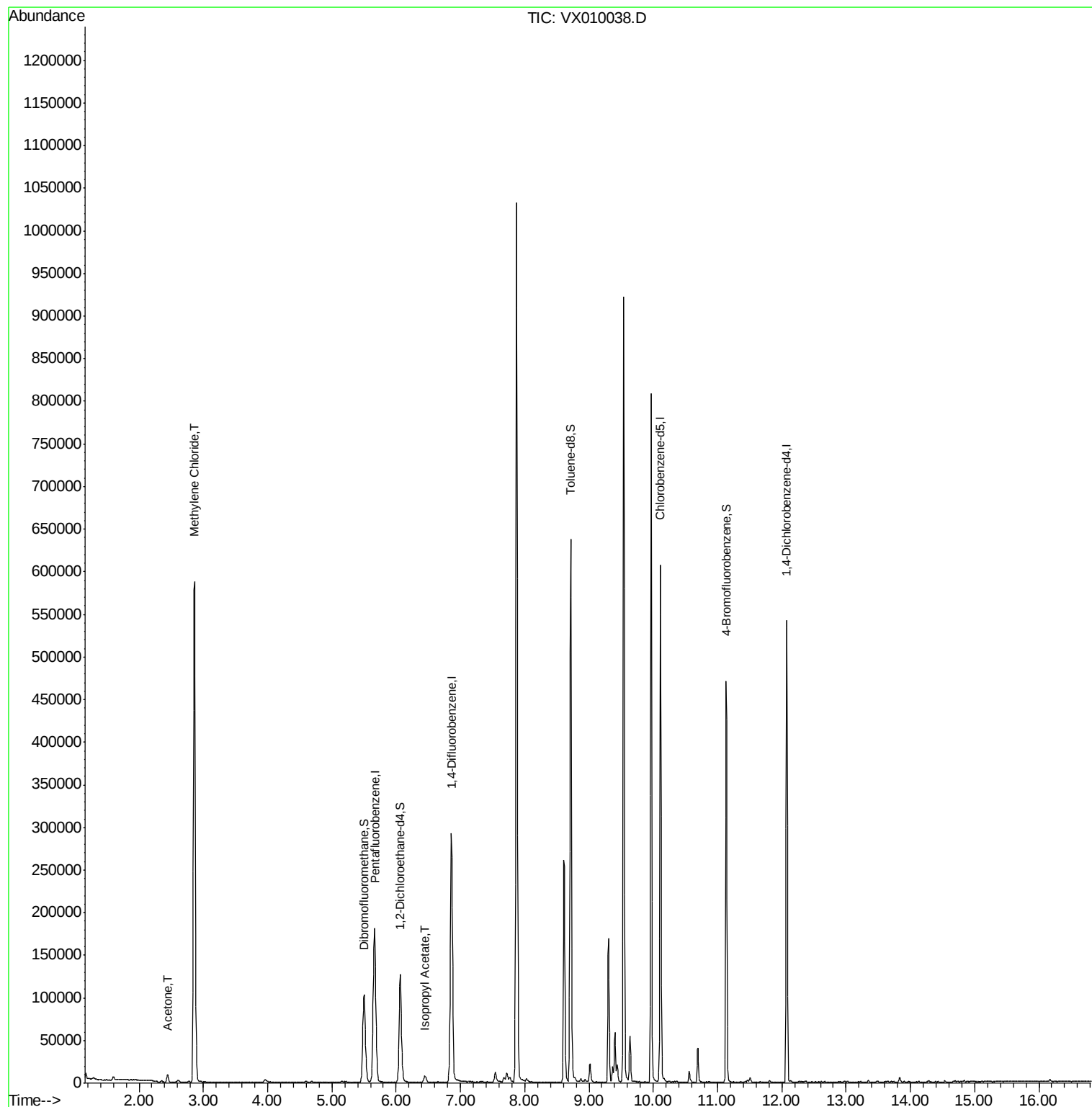
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	179557	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	284886	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	261063	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	113911	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	118567	46.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.50%	
35) Dibromofluoromethane	5.50	113	88576	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
50) Toluene-d8	8.71	98	366248	50.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.72%	
62) 4-Bromofluorobenzene	11.13	95	122988	47.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.16%	
Target Compounds						
16) Acetone	2.44	43	9821	6.702	ug/l	100
20) Methylene Chloride	2.86	84	265918	118.492	ug/l	97
43) Isopropyl Acetate	6.45	43	11840	1.822	ug/l	98

(#) = 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: VX010038.D

Acq: 03 Jun 2019 16:01

Instrument :

MSVOA_X

ClientSampleId :

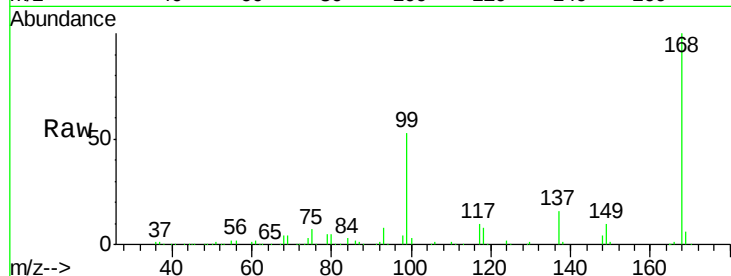
CL-02-053119-B

Tot Ion:168 Resp: 179557

Ion Ratio Lower Upper

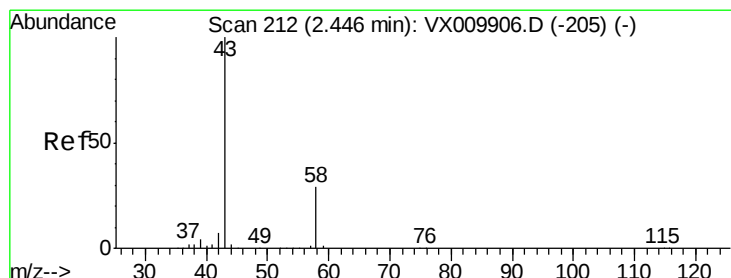
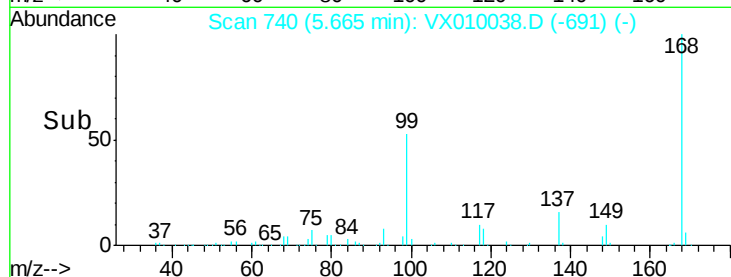
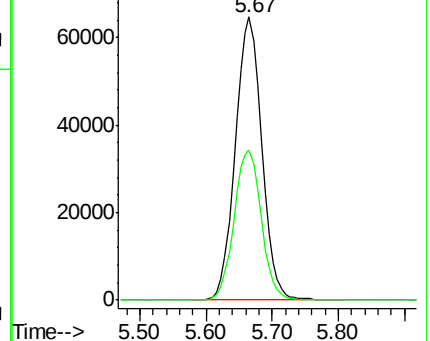
168 100

99 52.9 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 6.702 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010038.D

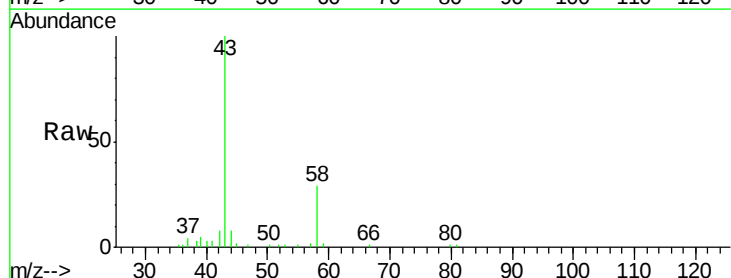
Acq: 03 Jun 2019 16:01

Tgt Ion: 43 Resp: 9821

Ion Ratio Lower Upper

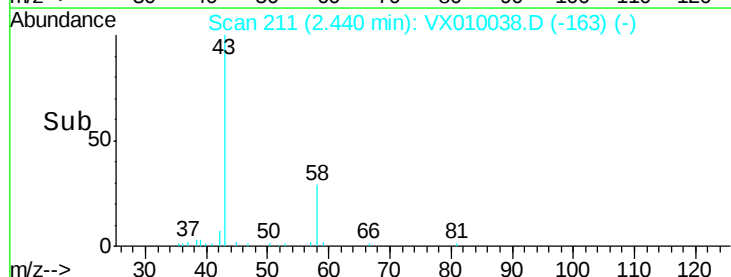
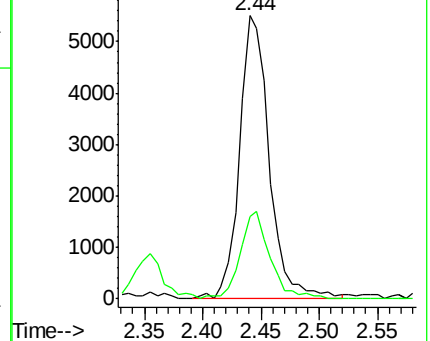
43 100

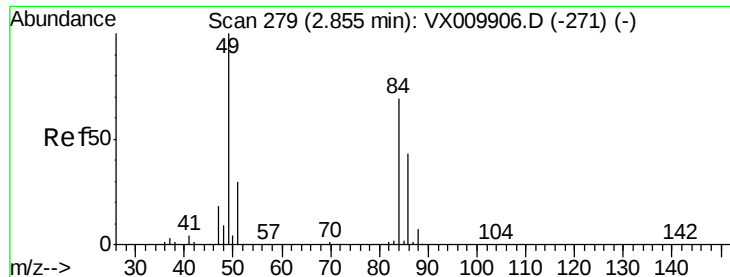
58 29.0 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

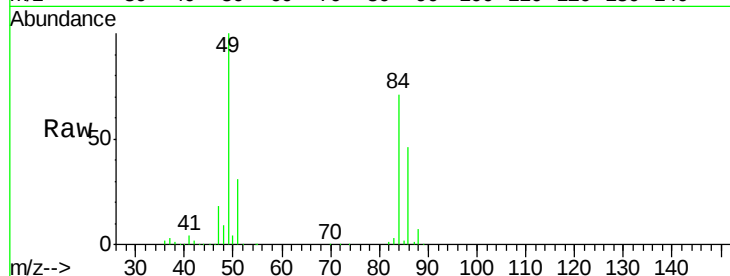




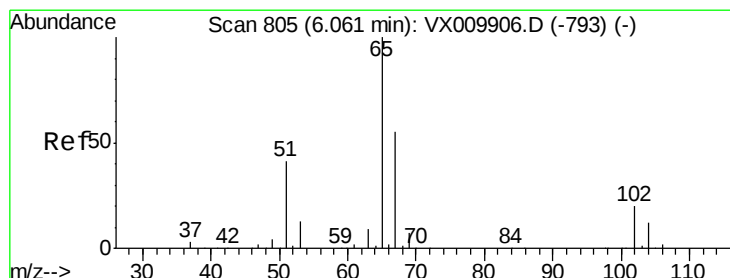
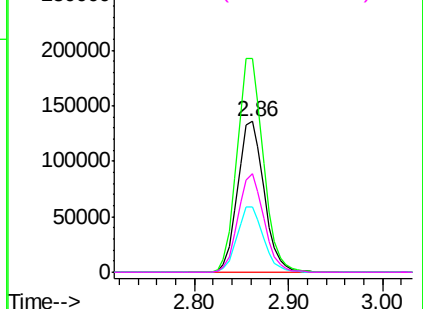
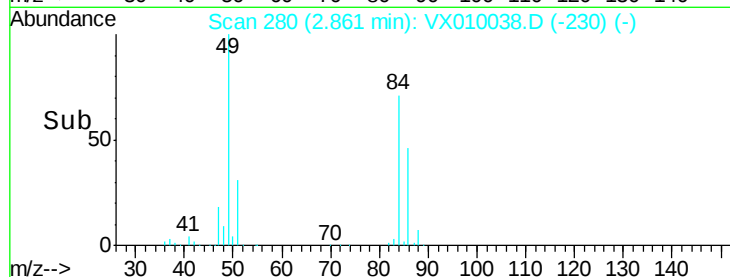
#20
Methvlene Chloride
Concen: 118.492 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010038.D
Acq: 03 Jun 2019 16:01

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

Tot Ion: 84 Resp: 265918
Ion Ratio Lower Upper
84 100
49 141.8 115.8 173.6
51 43.4 34.4 51.6
86 65.3 49.7 74.5

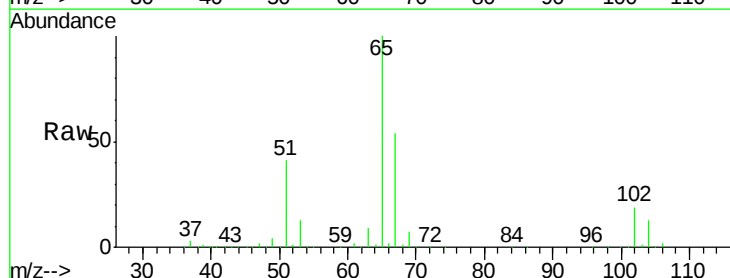


Abundance Ion 83.90 (83.60 to 84.60): VX0
300000
Ion 48.90 (48.60 to 49.60): VX0
250000
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

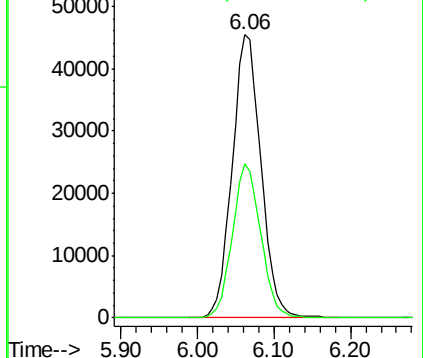
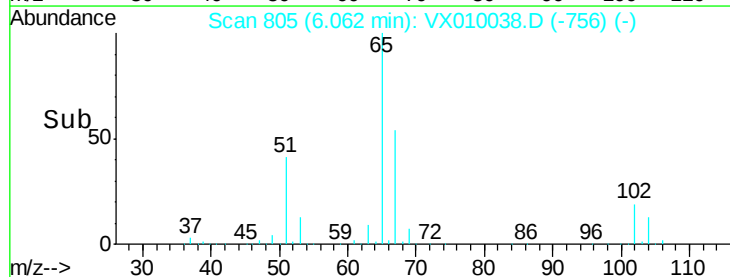


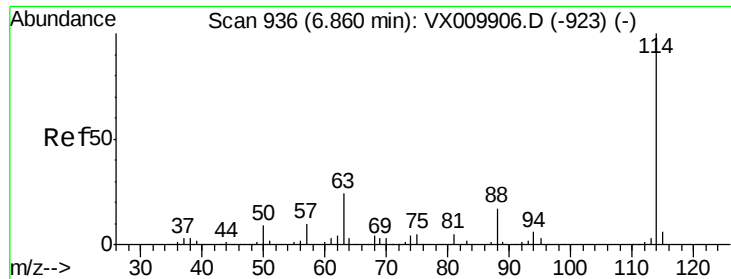
#33
1,2-Dichloroethane-d4
Concen: 46.746 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010038.D
Acq: 03 Jun 2019 16:01

Tgt Ion: 65 Resp: 118567
Ion Ratio Lower Upper
65 100
67 53.7 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0
50000
Ion 66.90 (66.60 to 67.60): VX0

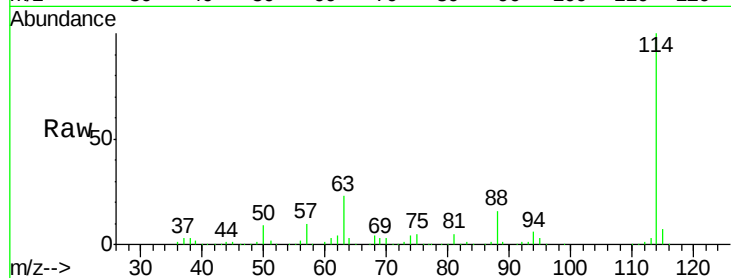




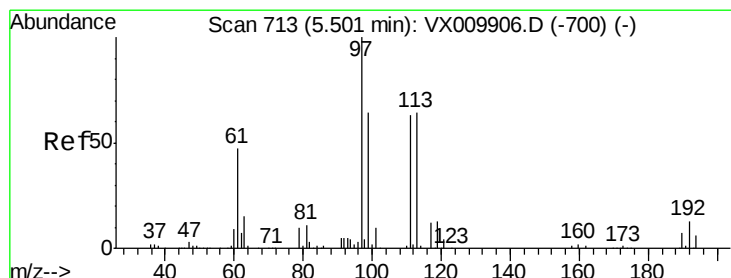
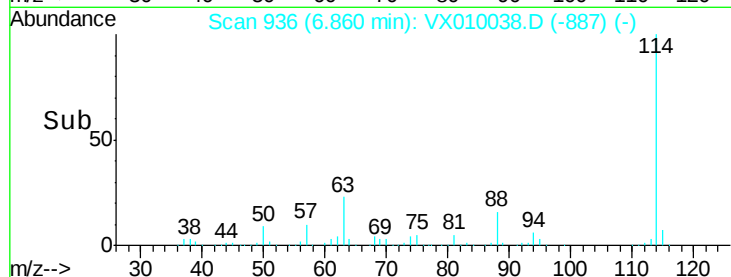
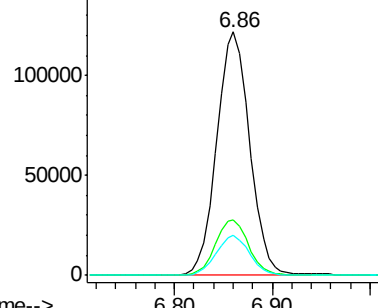
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010038.D
 Acq: 03 Jun 2019 16:01

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

Tot Ion:114 Resp: 284886
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 47.4
 88 16.2 0.0 33.0

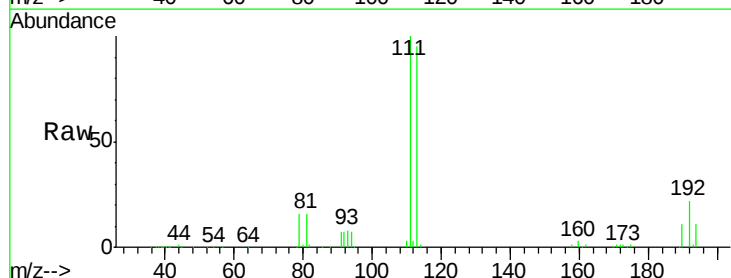


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

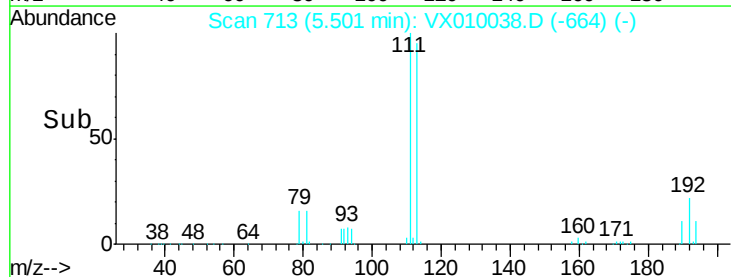
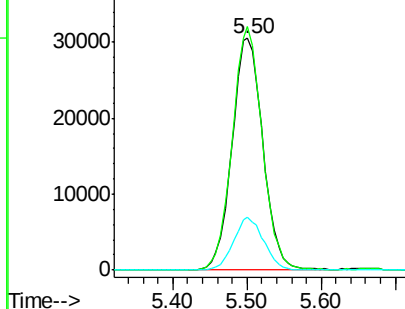


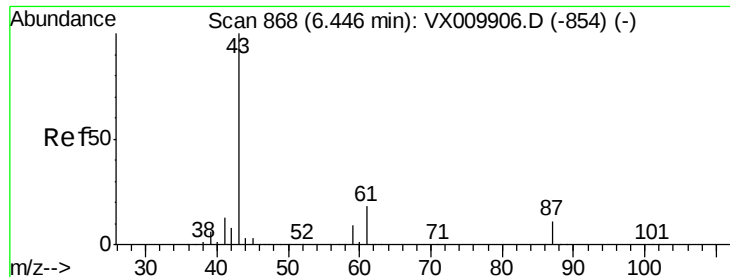
#35
 Dibromofluoromethane
 Concen: 49.454 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010038.D
 Acq: 03 Jun 2019 16:01

Tgt Ion:113 Resp: 88576
 Ion Ratio Lower Upper
 113 100
 111 101.7 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: 1.822 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010038.D

Acq: 03 Jun 2019 16:01

Instrument :

MSVOA_X

ClientSampleId :

CL-02-053119-B

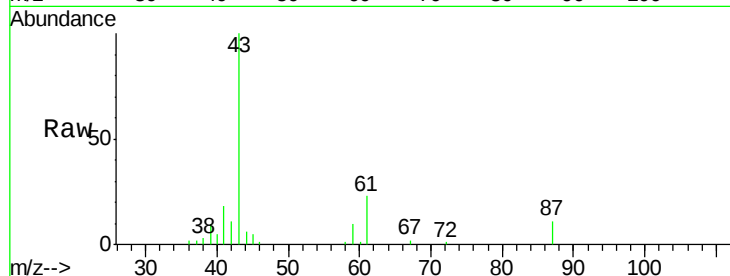
Tot Ion: 43 Resp: 11840

Ion Ratio Lower Upper

43 100

61 19.8 14.6 21.8

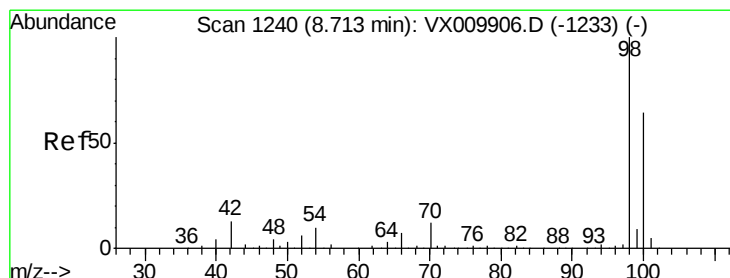
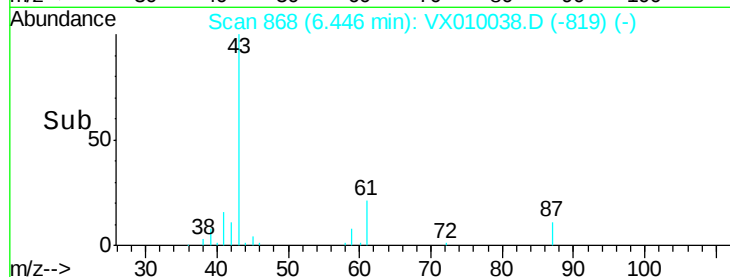
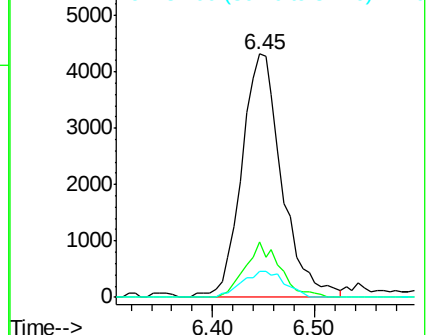
87 11.1 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 50.356 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010038.D

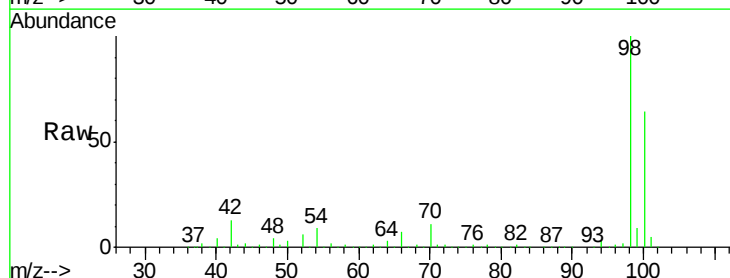
Acq: 03 Jun 2019 16:01

Tgt Ion: 98 Resp: 366248

Ion Ratio Lower Upper

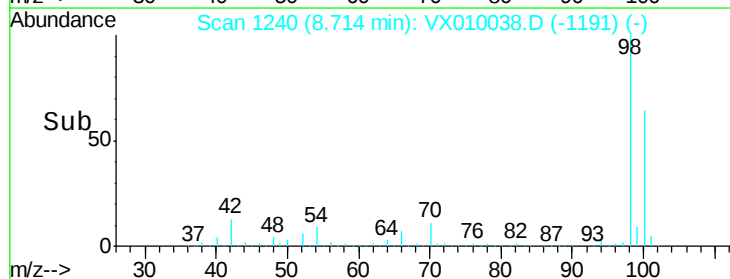
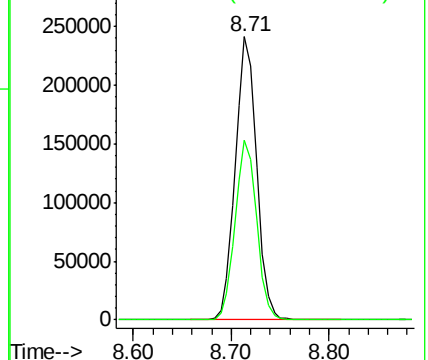
98 100

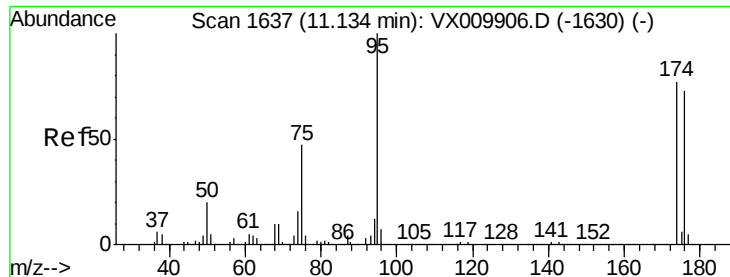
100 64.2 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 47.078 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010038.D

Acq: 03 Jun 2019 16:01

Instrument :

MSVOA_X

ClientSampleId :

CL-02-053119-B

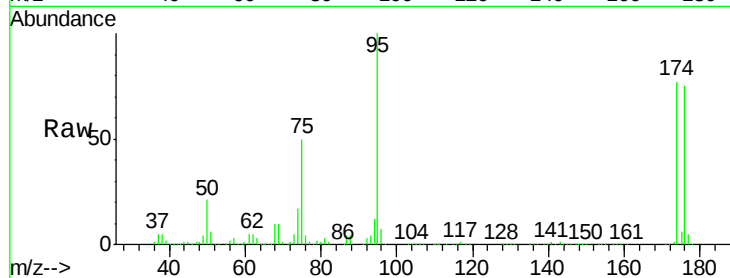
Tot Ion: 95 Resp: 122988

Ion Ratio Lower Upper

95 100

174 82.2 0.0 160.4

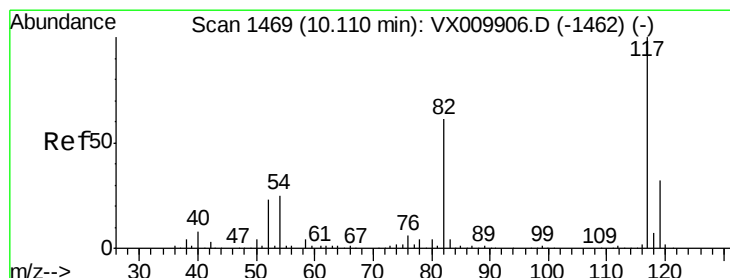
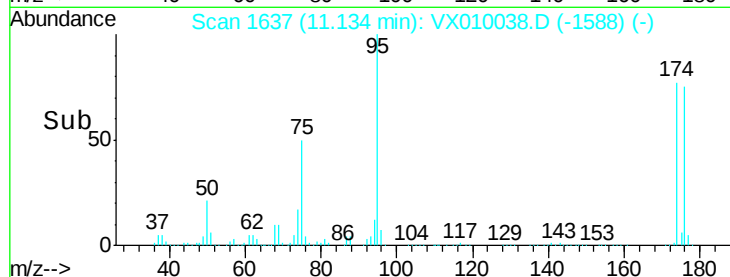
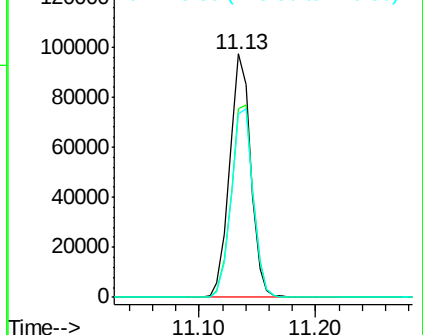
176 80.1 0.0 154.6



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010038.D

Acq: 03 Jun 2019 16:01

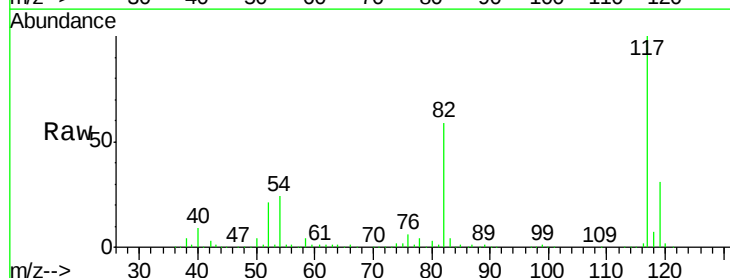
Tgt Ion: 117 Resp: 261063

Ion Ratio Lower Upper

117 100

82 59.0 49.2 73.8

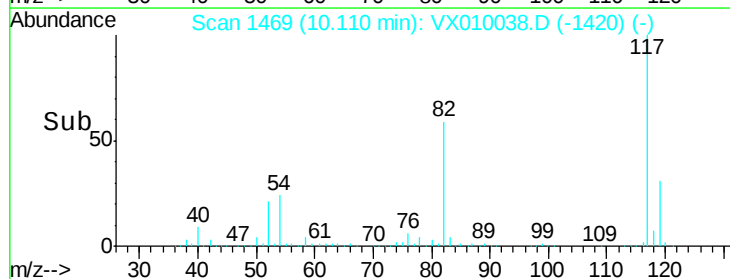
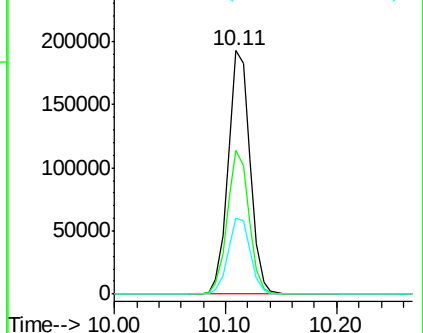
119 31.5 25.2 37.8

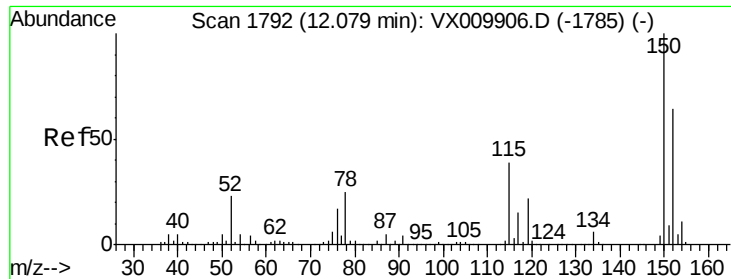


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

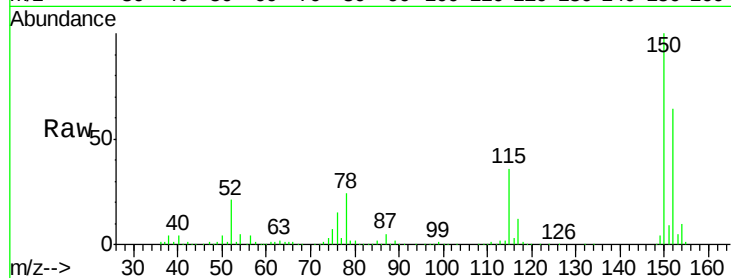




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX010038.D
 Acq: 03 Jun 2019 16:01

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

Tot Ion:152 Resp: 113911
 Ion Ratio Lower Upper
 152 100
 115 57.2 41.4 124.2
 150 154.8 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

