

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
 Data File : VX010516.D
 Acq On : 28 Jun 2019 03:47
 Operator : JC/SP
 Sample : K3157-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CL-02-062619-C

Quant Time: Jun 28 08:17:30 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

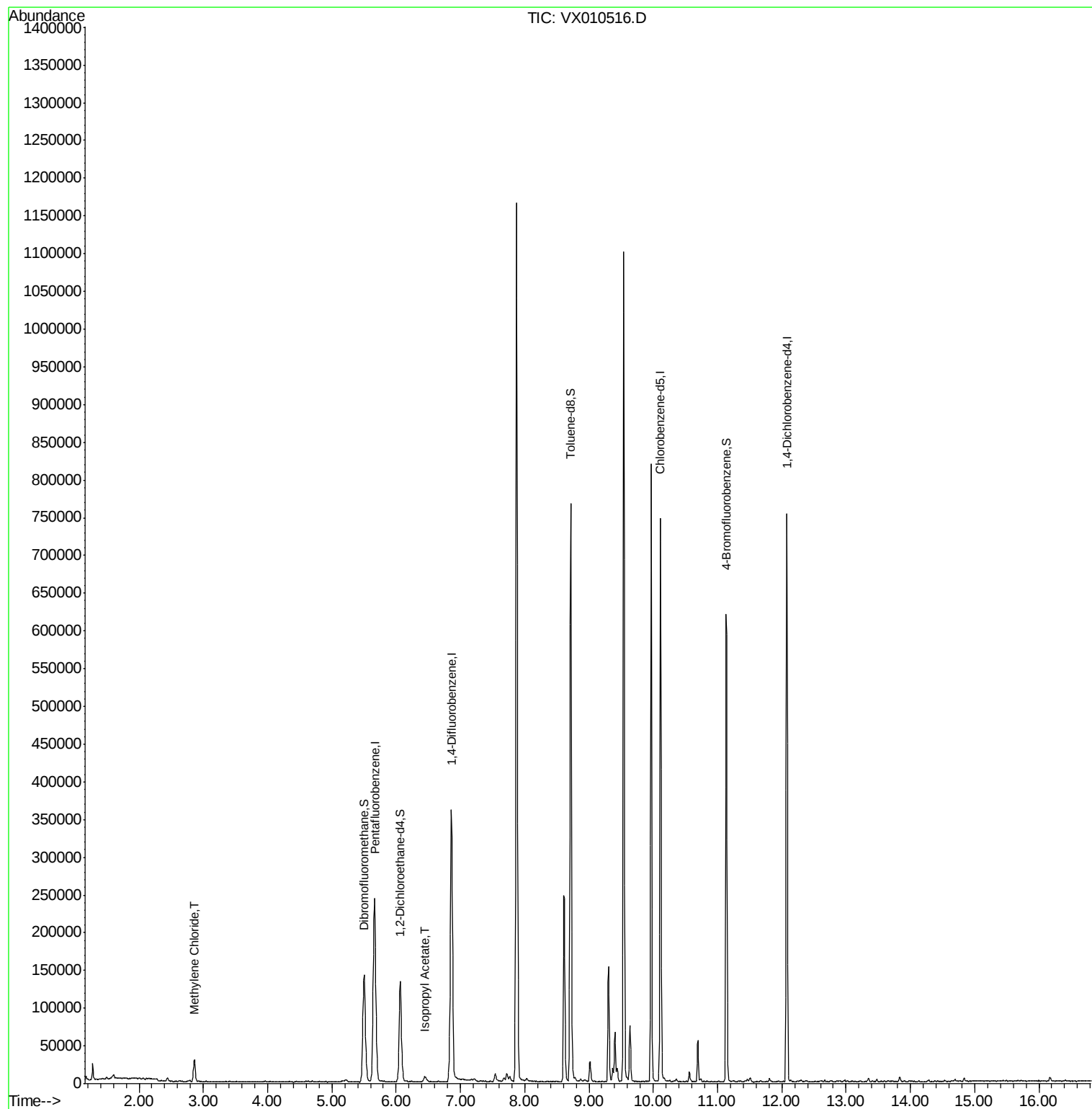
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	259619	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	395141	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	365414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	170085	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	120553	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
35) Dibromofluoromethane	5.50	113	118696	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.20%	
50) Toluene-d8	8.71	98	475574	51.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.84%	
62) 4-Bromofluorobenzene	11.13	95	157264	47.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.20%	
Target Compounds						
20) Methylene Chloride	2.86	84	14846	5.913	ug/l	98
43) Isopropyl Acetate	6.45	43	11122	2.081	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: VX010516.D

Acq: 28 Jun 2019 03:47

Instrument :

MSVOA_X

ClientSampleId :

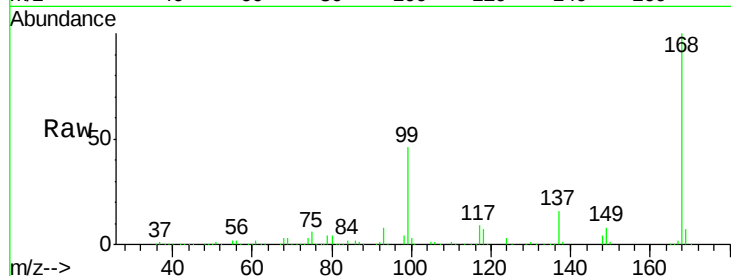
CL-02-062619-C

Tot Ion:168 Resp: 259619

Ion Ratio Lower Upper

168 100

99 45.7 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

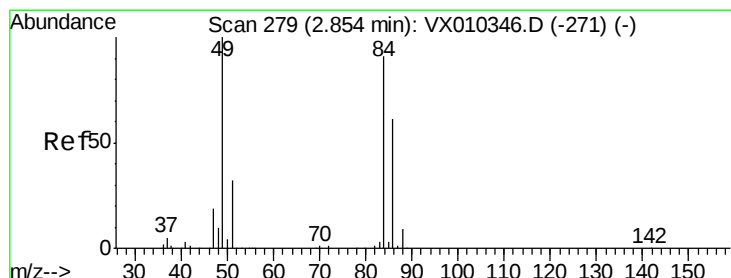
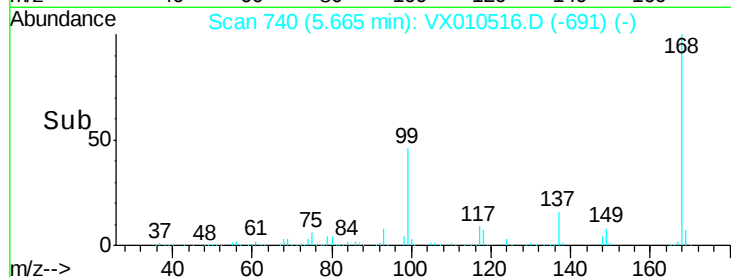
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#20

Methylene Chloride

Concen: 5.913 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX010516.D

Acq: 28 Jun 2019 03:47

Tgt Ion: 84 Resp: 14846

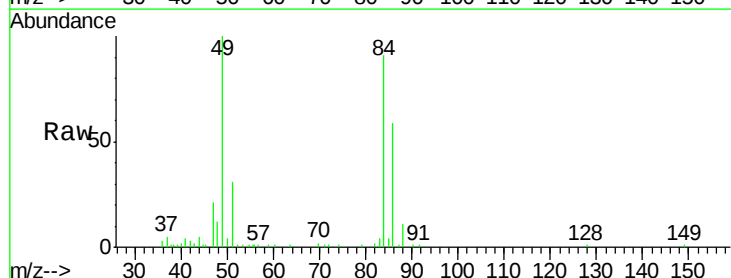
Ion Ratio Lower Upper

84 100

49 109.9 87.5 131.3

51 33.0 27.7 41.5

86 64.5 53.4 80.0



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

12000

10000

8000

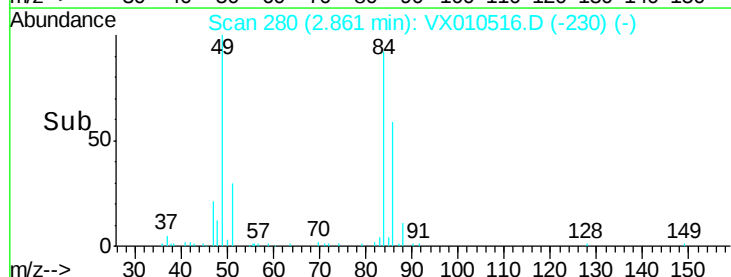
6000

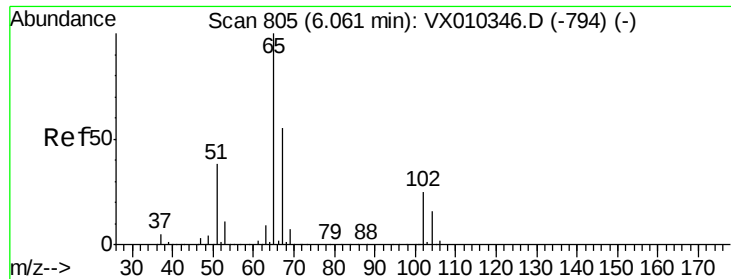
4000

2000

0

Time--> 2.75 2.80 2.85 2.90 2.95





#33

1,2-Dichloroethane-d4

Concen: 49.525 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX010516.D

Acq: 28 Jun 2019 03:47

Instrument :

MSVOA_X

ClientSampleId :

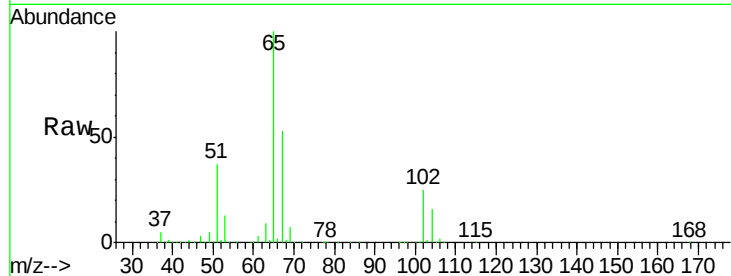
CL-02-062619-C

Tot Ion: 65 Resp: 120553

Ion Ratio Lower Upper

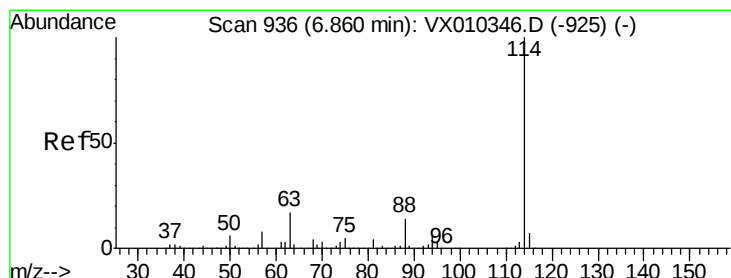
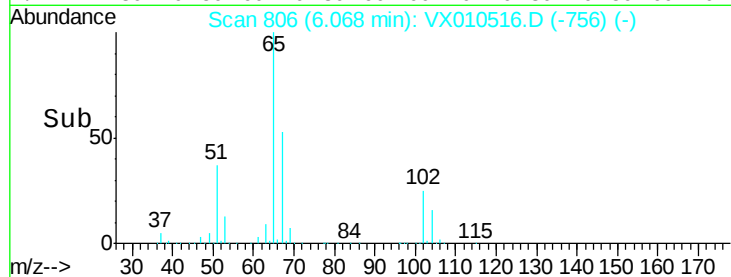
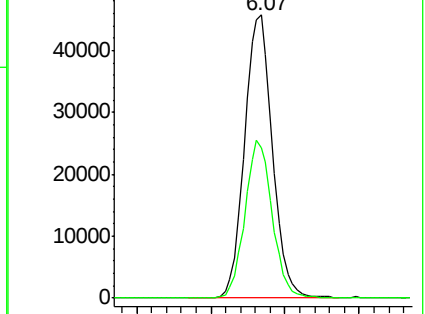
65 100

67 54.6 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: VX010516.D

Acq: 28 Jun 2019 03:47

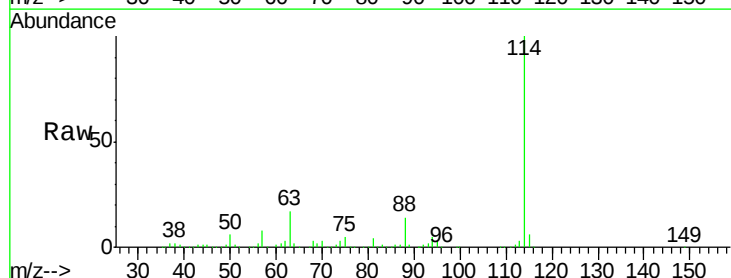
Tgt Ion: 114 Resp: 395141

Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.8

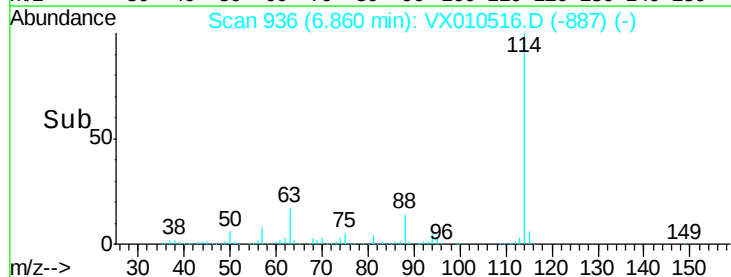
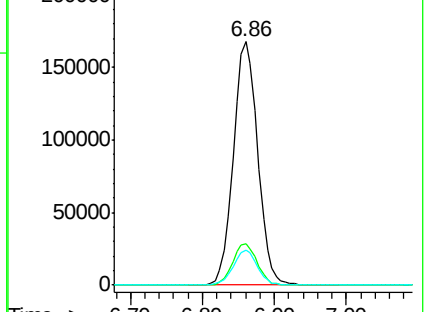
88 14.3 0.0 27.6

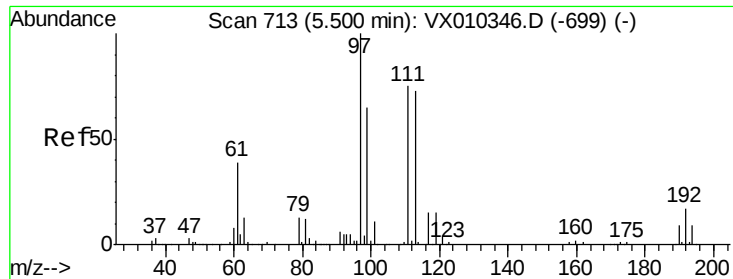


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.096 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010516.D

Acq: 28 Jun 2019 03:47

Instrument :

MSVOA_X

ClientSampleId :

CL-02-062619-C

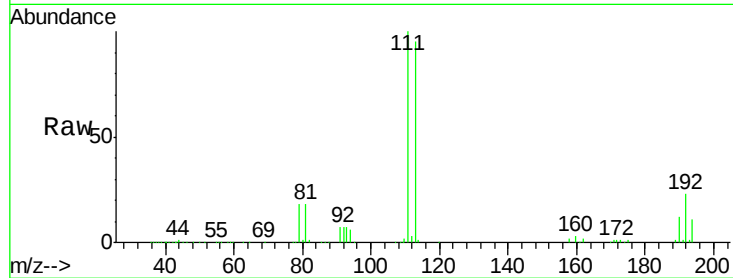
Tot Ion:113 Resp: 118696

Ion Ratio Lower Upper

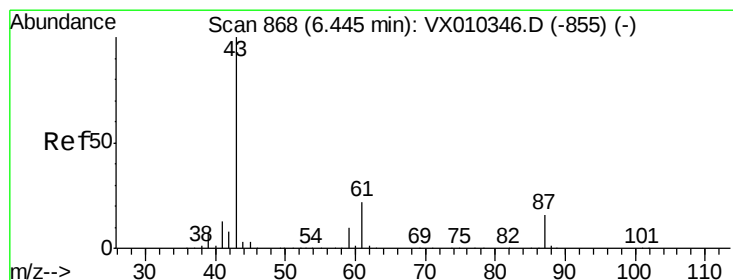
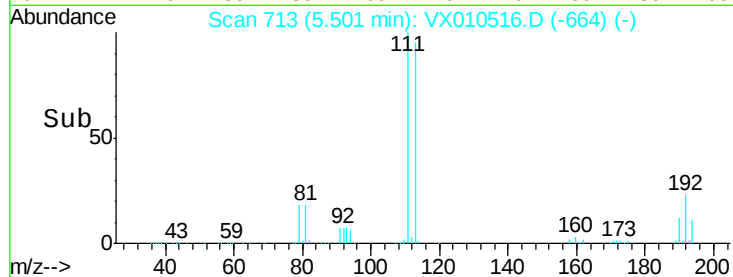
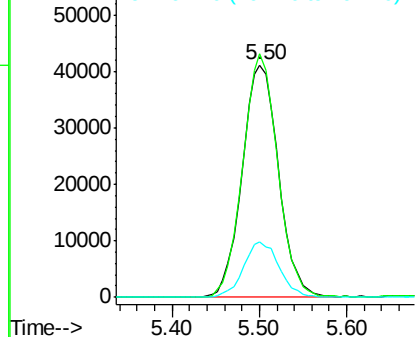
113 100

111 100.9 81.2 121.8

192 23.3 18.6 27.8



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: 2.081 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010516.D

Acq: 28 Jun 2019 03:47

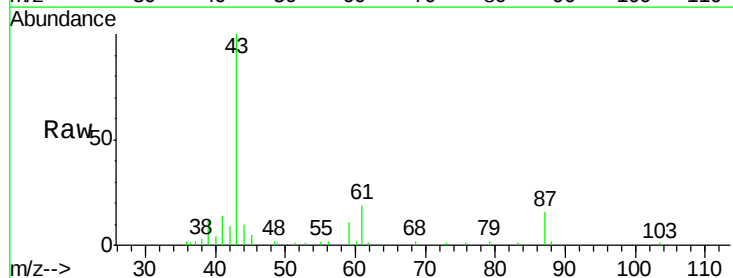
Tgt Ion: 43 Resp: 11122

Ion Ratio Lower Upper

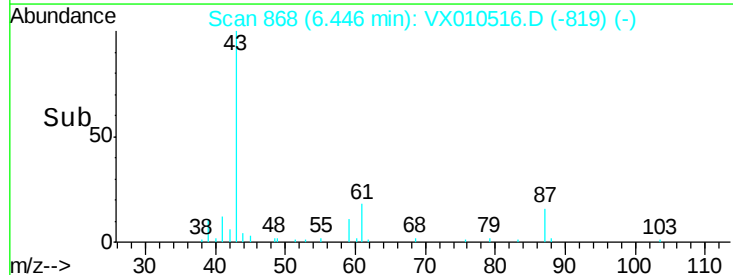
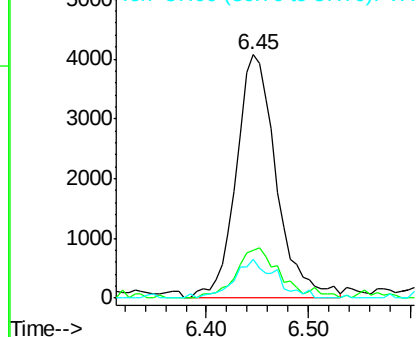
43 100

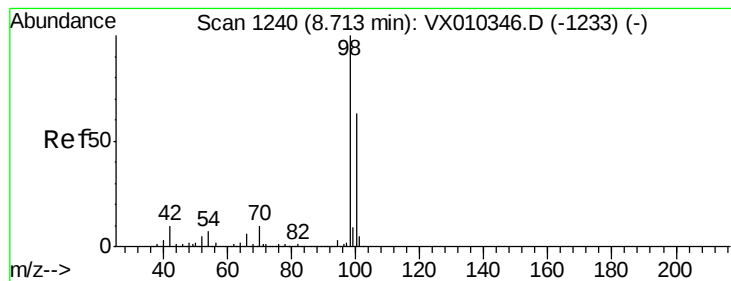
61 21.2 17.8 26.6

87 16.2 13.0 19.4



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: 51.417 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010516.D

Acq: 28 Jun 2019 03:47

Instrument :

MSVOA_X

ClientSampleId :

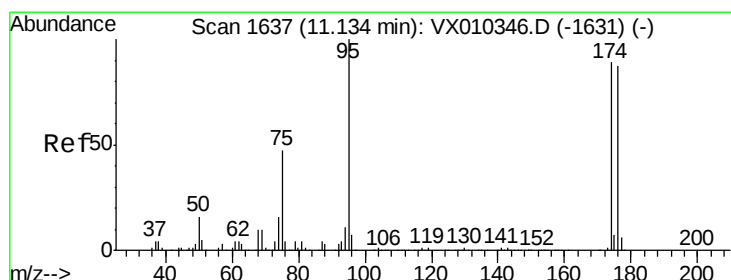
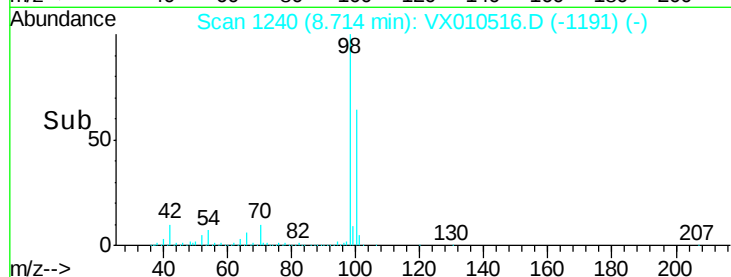
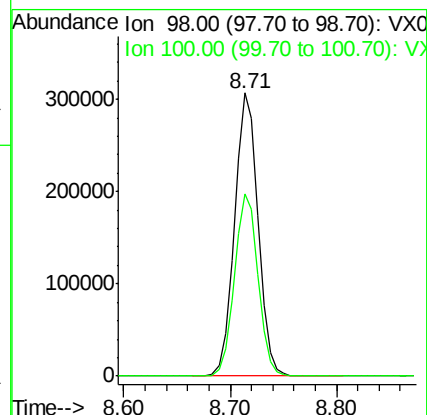
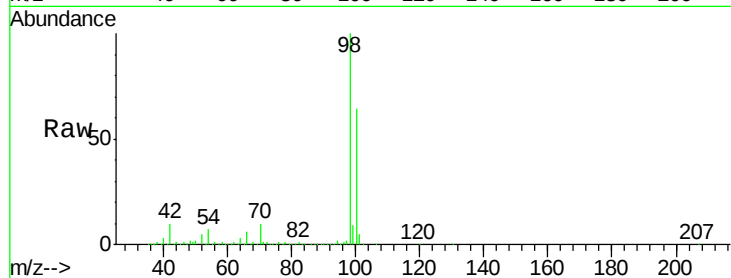
CL-02-062619-C

Tot Ion: 98 Resp: 475574

Ion Ratio Lower Upper

98 100

100 64.5 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 47.095 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010516.D

Acq: 28 Jun 2019 03:47

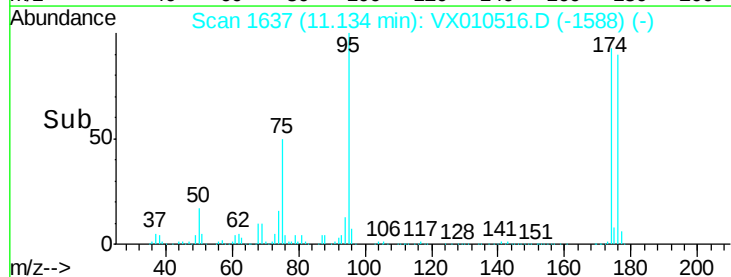
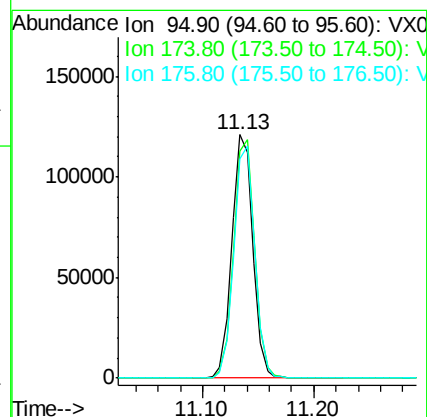
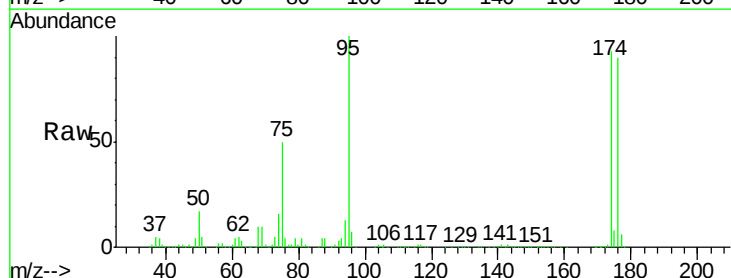
Tgt Ion: 95 Resp: 157264

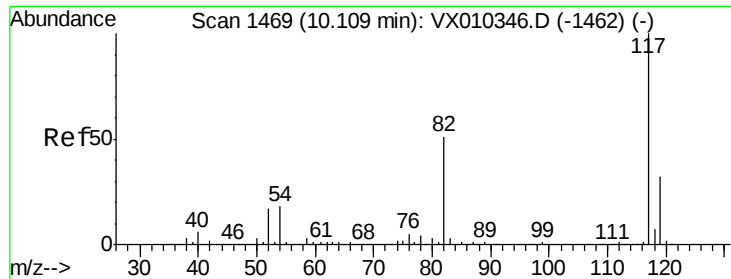
Ion Ratio Lower Upper

95 100

174 97.9 0.0 187.6

176 95.4 0.0 184.0

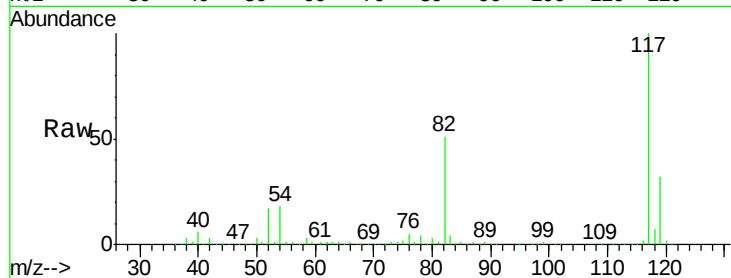




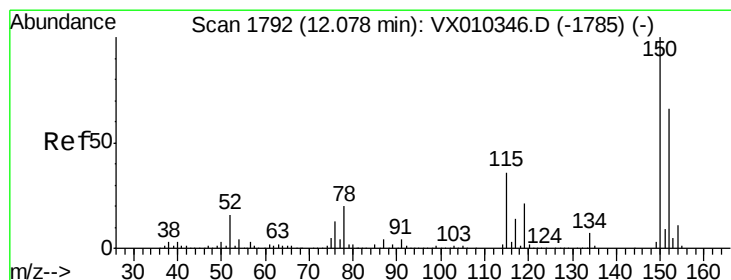
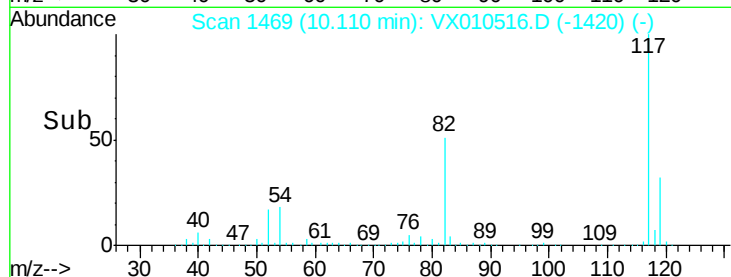
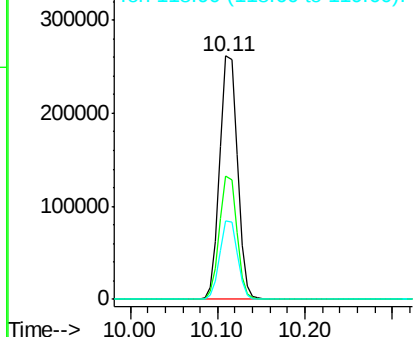
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010516.D
Acq: 28 Jun 2019 03:47

Instrument :
MSVOA_X
ClientSampleId :
CL-02-062619-C

Tot Ion:117 Resp: 365414
Ion Ratio Lower Upper
117 100
82 50.8 41.2 61.8
119 32.1 25.5 38.3

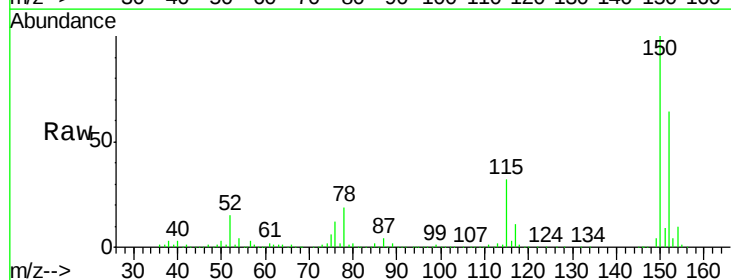


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010516.D
Acq: 28 Jun 2019 03:47

Tgt Ion:152 Resp: 170085
Ion Ratio Lower Upper
152 100
115 53.6 38.6 115.7
150 157.0 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

