

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
 Data File : VX010518.D
 Acq On : 28 Jun 2019 04:34
 Operator : JC/SP
 Sample : K3157-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

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

Quant Time: Jun 28 08:20:17 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

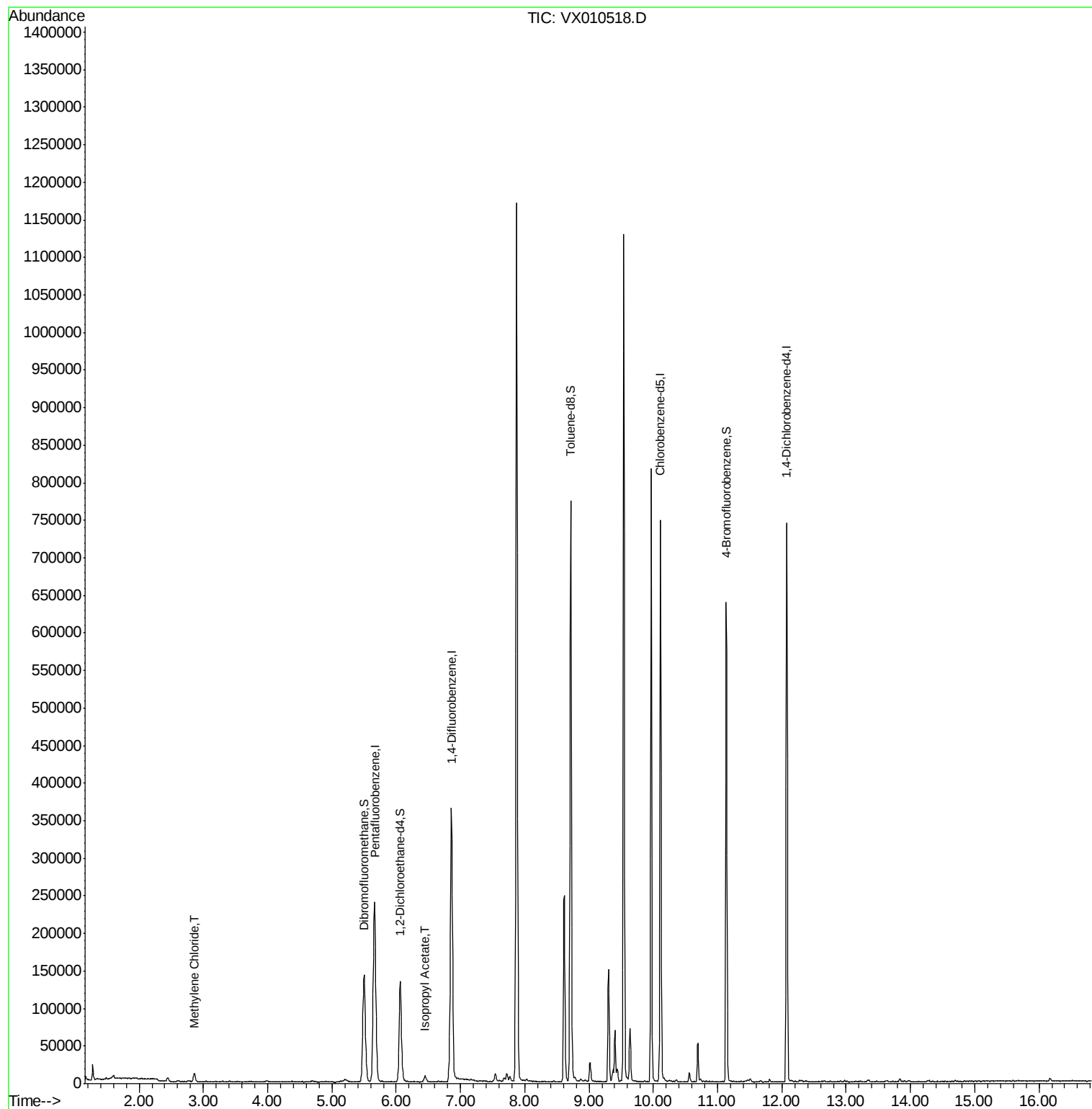
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	257506	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	393112	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	365868	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	168251	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	120592	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.90%	
35) Dibromofluoromethane	5.50	113	118373	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.44%	
50) Toluene-d8	8.71	98	473650	51.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.94%	
62) 4-Bromofluorobenzene	11.13	95	155708	46.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.74%	
Target Compounds						
20) Methylene Chloride	2.86	84	5573	2.238	ug/l	97
43) Isopropyl Acetate	6.45	43	10545	1.983	ug/l	95

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

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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: VX010518.D

Acq: 28 Jun 2019 04:34

Instrument :

MSVOA_X

ClientSampleId :

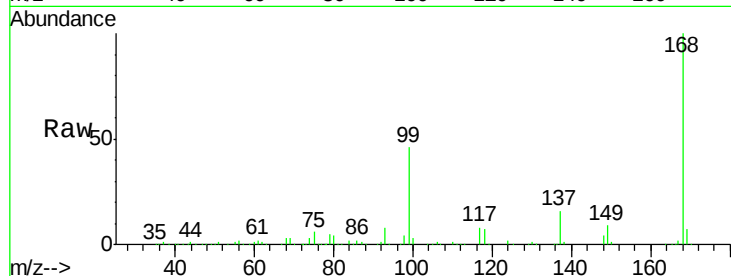
CL-02-062619-E

Tot Ion:168 Resp: 257506

Ion Ratio Lower Upper

168 100

99 46.4 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

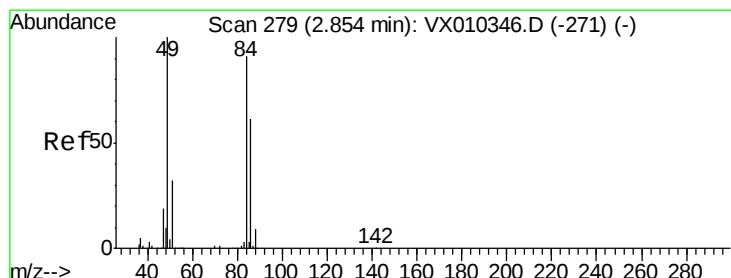
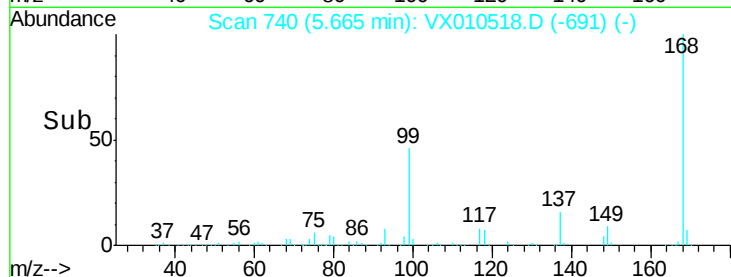
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#20

Methylene Chloride

Concen: 2.238 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX010518.D

Acq: 28 Jun 2019 04:34

Tgt Ion: 84 Resp: 5573

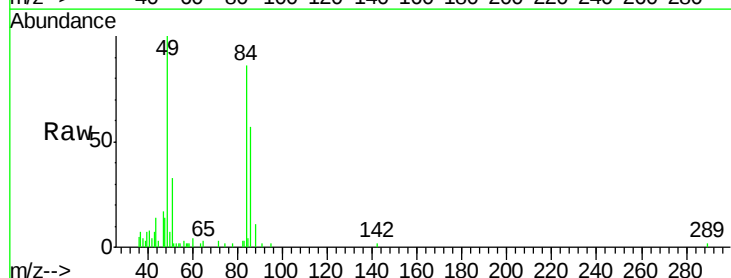
Ion Ratio Lower Upper

84 100

49 113.7 87.5 131.3

51 38.1 27.7 41.5

86 66.7 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

5000

4000

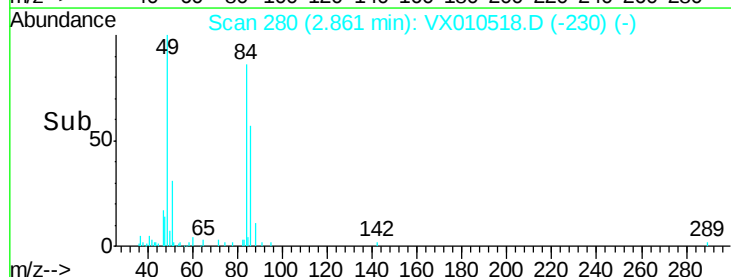
3000

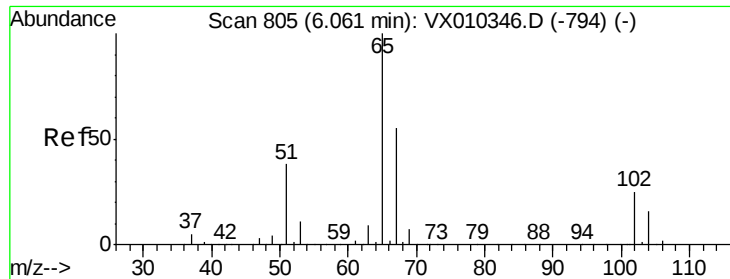
2000

1000

0

Time--> 2.80 2.85 2.90 2.95

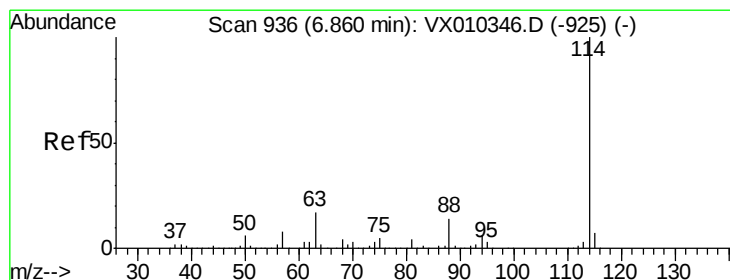
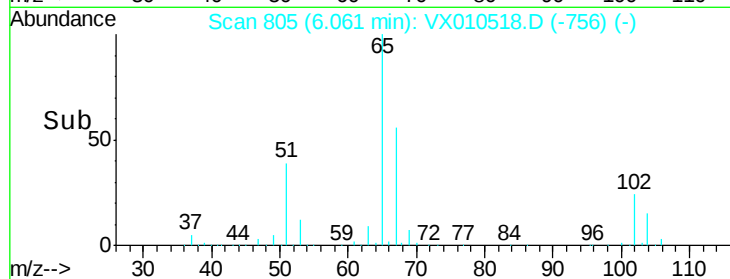
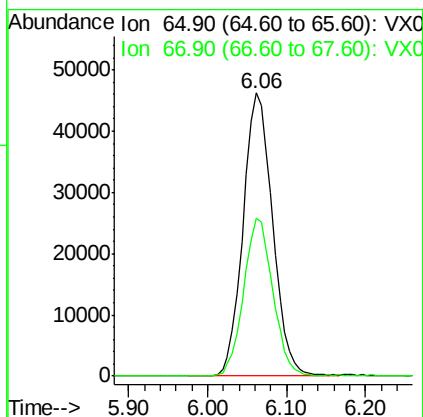
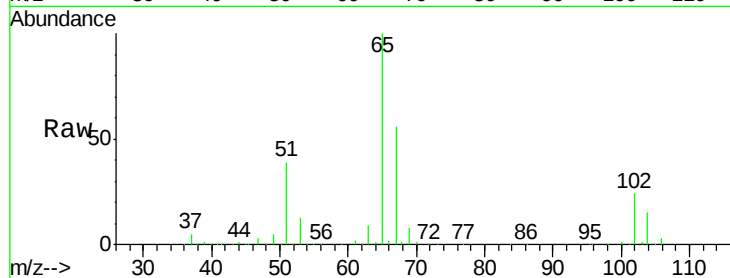




#33
 1,2-Dichloroethane-d4
 Concen: 49.947 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010518.D
 Acq: 28 Jun 2019 04:34

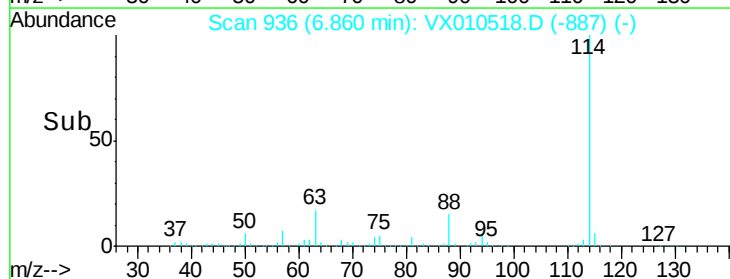
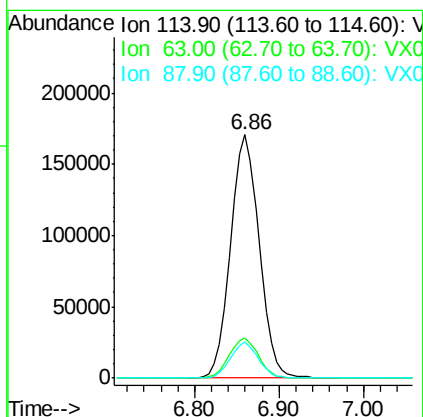
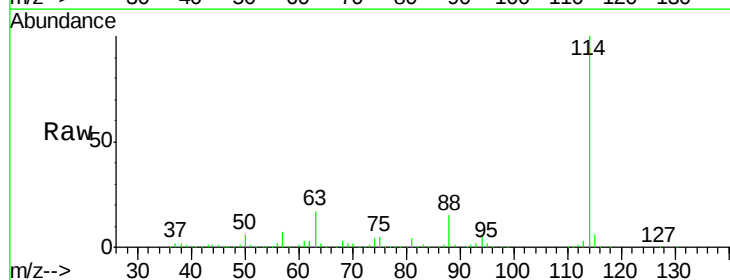
Instrument :
 MSVOA_X
 ClientSampleId :
 CL-02-062619-E

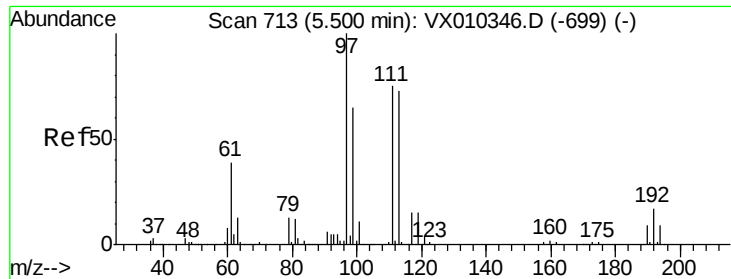
Tot Ion: 65 Resp: 120592
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010518.D
 Acq: 28 Jun 2019 04:34

Tgt Ion: 114 Resp: 393112
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 33.8
 88 14.7 0.0 27.6





#35

Dibromofluoromethane

Concen: 49.215 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010518.D

Acq: 28 Jun 2019 04:34

Instrument :

MSVOA_X

ClientSampleId :

CL-02-062619-E

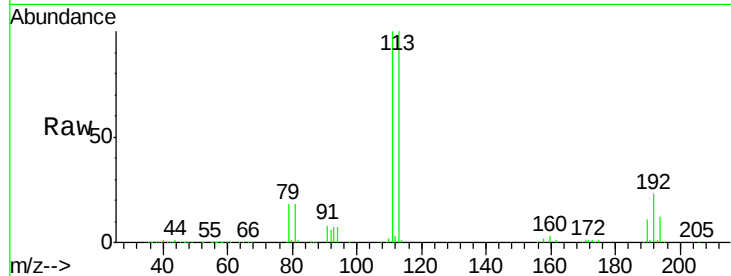
Tot Ion:113 Resp: 118373

Ion Ratio Lower Upper

113 100

111 103.1 81.2 121.8

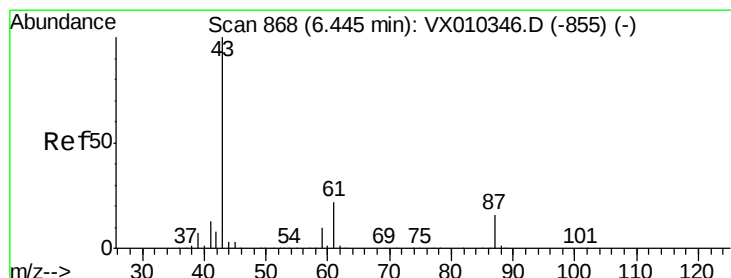
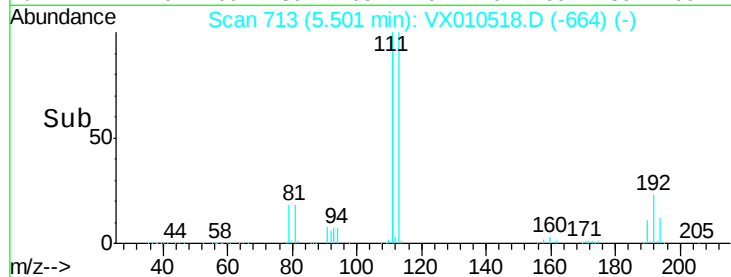
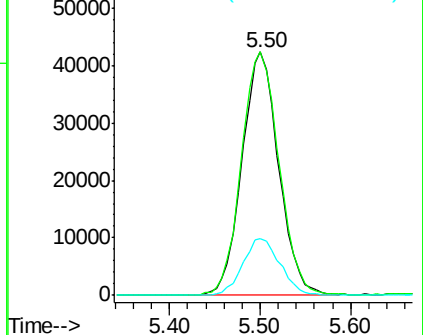
192 23.7 18.6 27.8



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: 1.983 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX010518.D

Acq: 28 Jun 2019 04:34

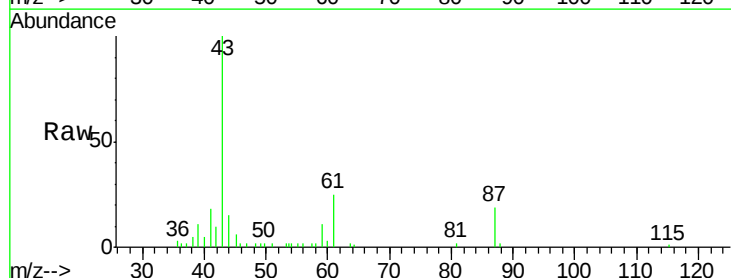
Tgt Ion: 43 Resp: 10545

Ion Ratio Lower Upper

43 100

61 25.5 17.8 26.6

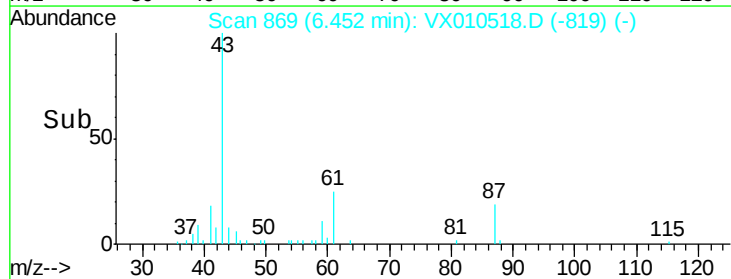
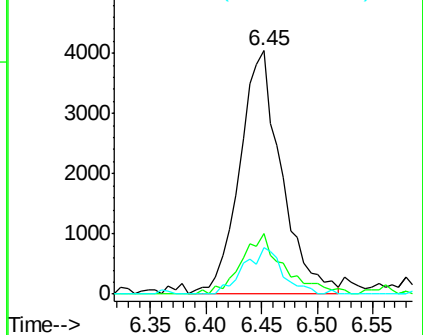
87 17.7 13.0 19.4

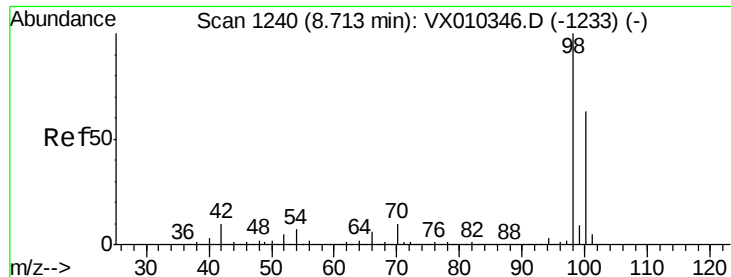


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 51.473 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010518.D

Acq: 28 Jun 2019 04:34

Instrument :

MSVOA_X

ClientSampleId :

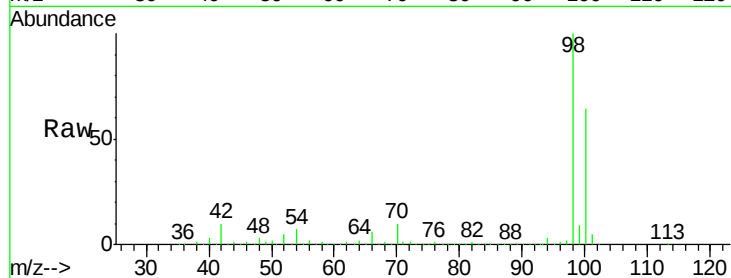
CL-02-062619-E

Tot Ion: 98 Resp: 473650

Ion Ratio Lower Upper

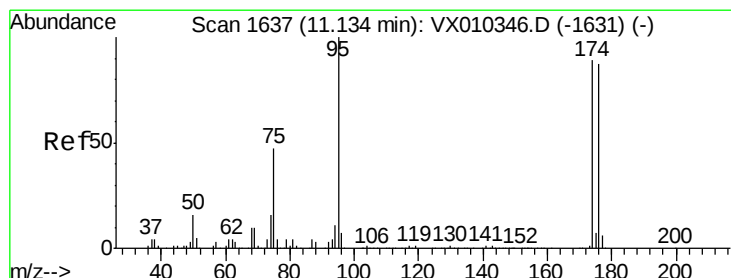
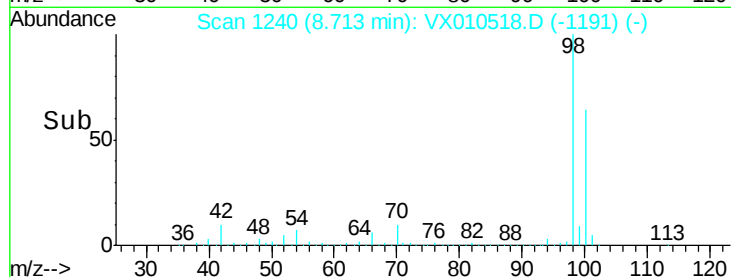
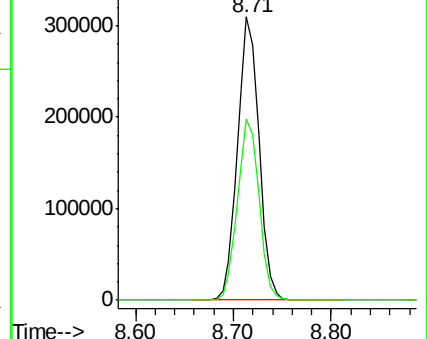
98 100

100 64.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 46.870 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010518.D

Acq: 28 Jun 2019 04:34

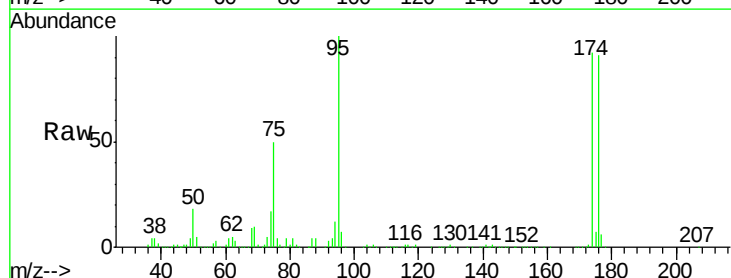
Tgt Ion: 95 Resp: 155708

Ion Ratio Lower Upper

95 100

174 98.3 0.0 187.6

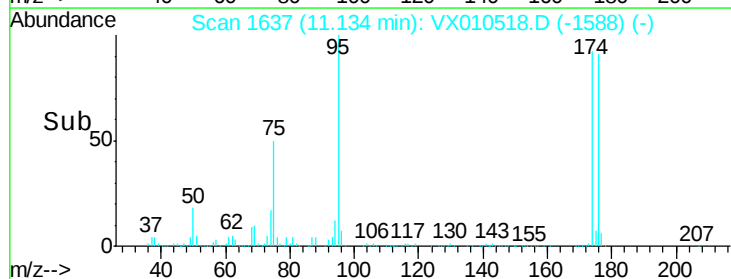
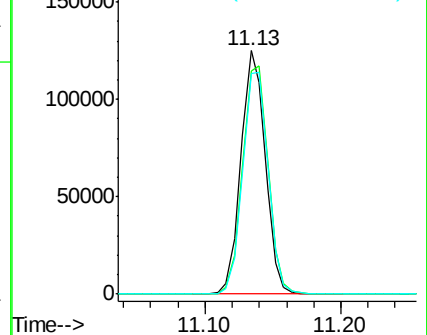
176 95.8 0.0 184.0

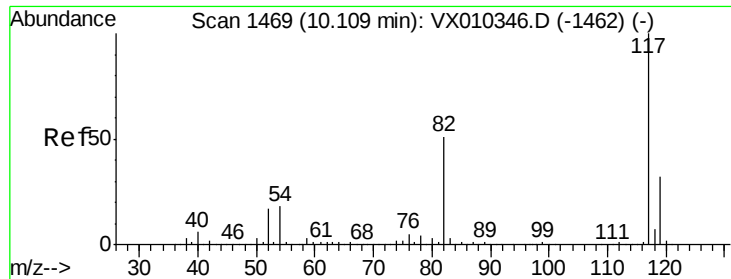


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

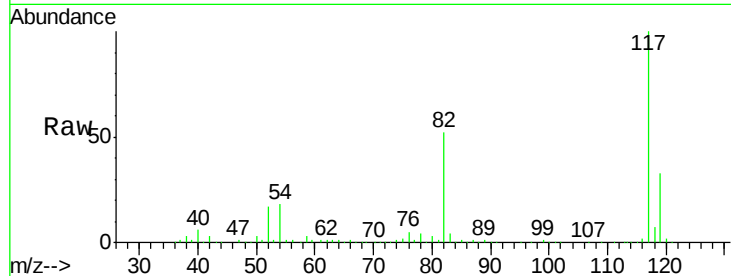




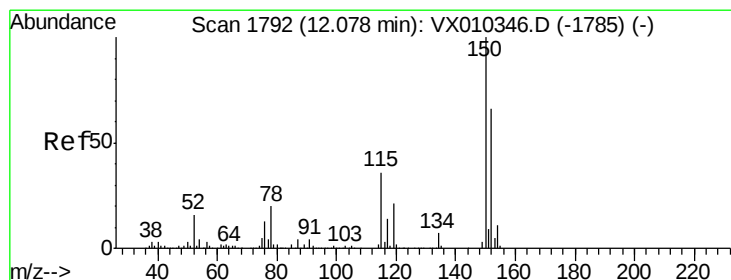
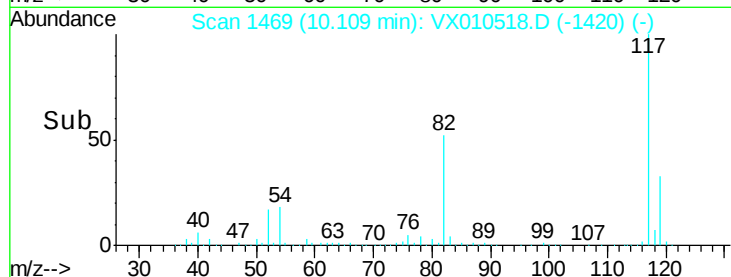
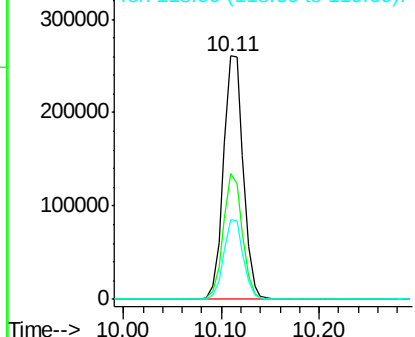
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010518.D
Acq: 28 Jun 2019 04:34

Instrument :
MSVOA_X
ClientSampled :
CL-02-062619-E

Tot Ion:117 Resp: 365868
Ion Ratio Lower Upper
117 100
82 51.8 41.2 61.8
119 32.8 25.5 38.3

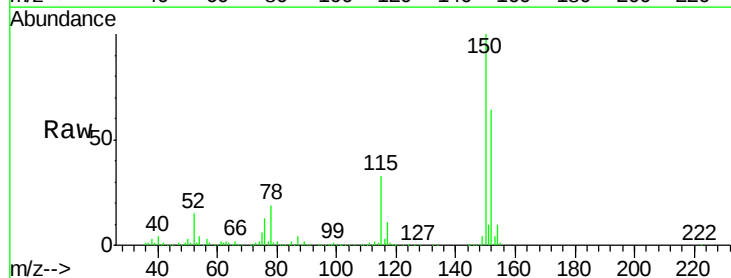


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010518.D
Acq: 28 Jun 2019 04:34

Tgt Ion:152 Resp: 168251
Ion Ratio Lower Upper
152 100
115 53.5 38.6 115.7
150 156.8 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

