

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062918\
 Data File : VX003036.D
 Acq On : 29 Jun 2018 18:31
 Operator : JC/MD
 Sample : J3695-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LIP-22

Quant Time: Jun 30 09:13:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

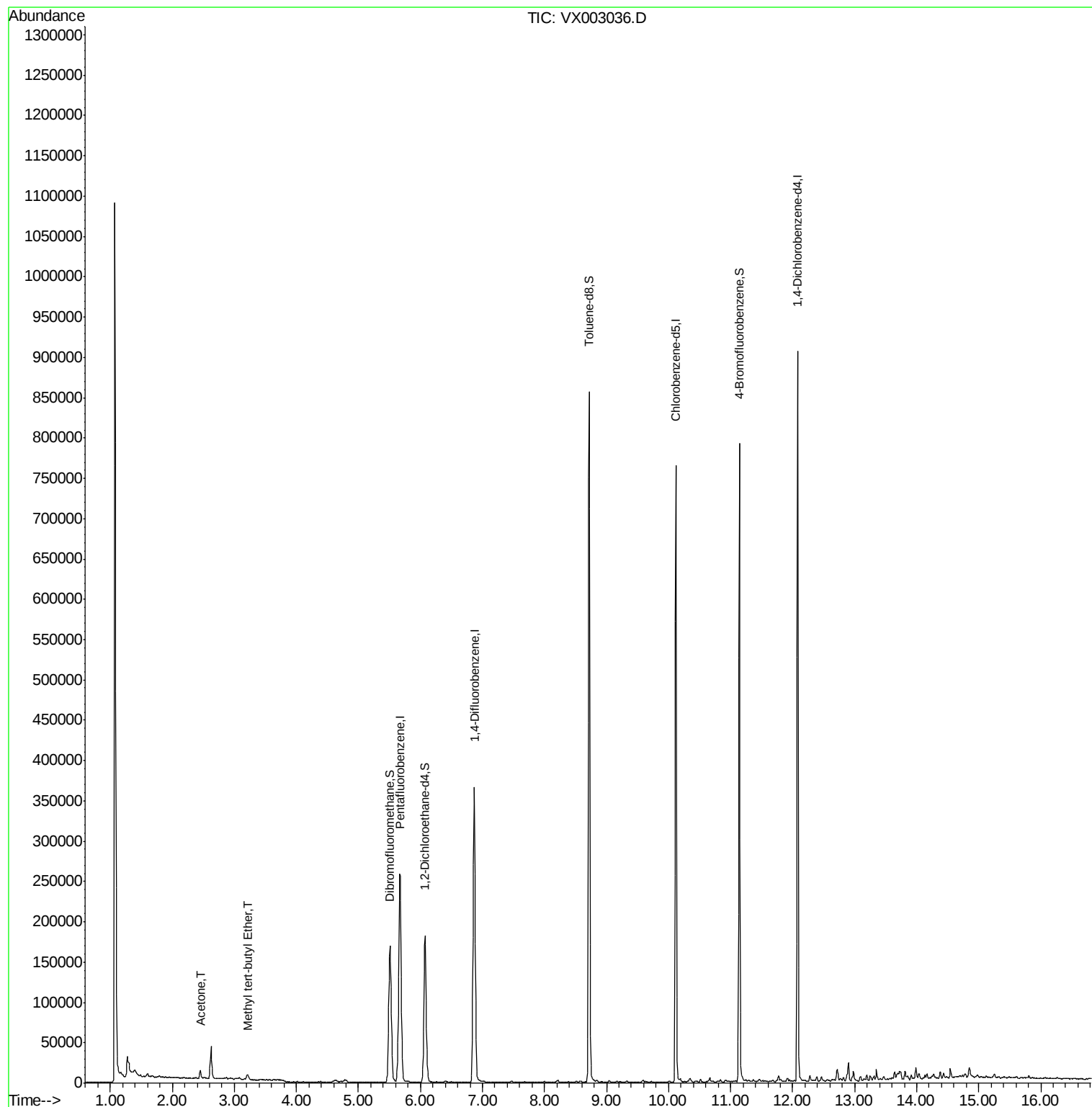
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	261859	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	364662	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	340231	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192669	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	172910	47.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.54%	
35) Dibromofluoromethane	5.51	113	140250	48.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.14%	
50) Toluene-d8	8.72	98	510492	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
62) 4-Bromofluorobenzene	11.14	95	180617	44.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.82%	
Target Compounds						
16) Acetone	2.45	43	11188	7.46	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	6591	0.71	ug/l #	83

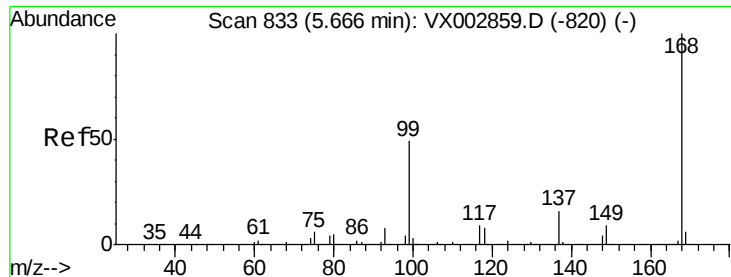
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003036.D

Acq: 29 Jun 2018 18:31

Instrument :

MSVOA_X

ClientSampleId :

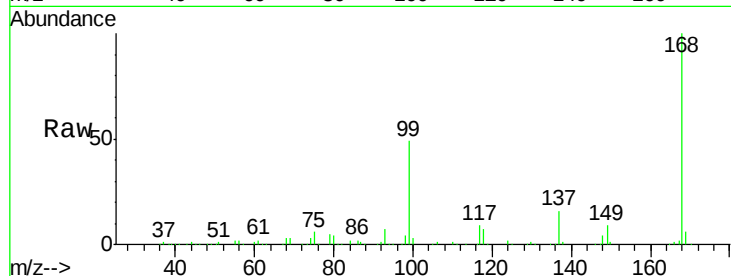
LIP-22

Tot Ion:168 Resp: 261859

Ion Ratio Lower Upper

168 100

99 48.8 39.3 58.9



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

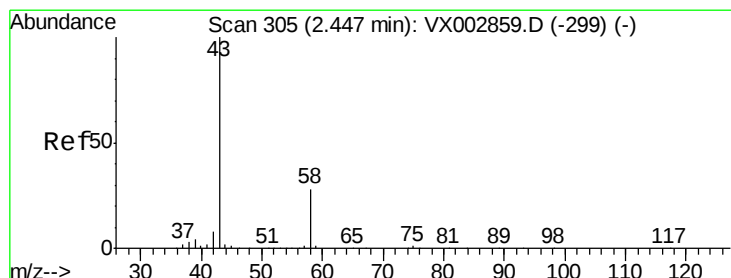
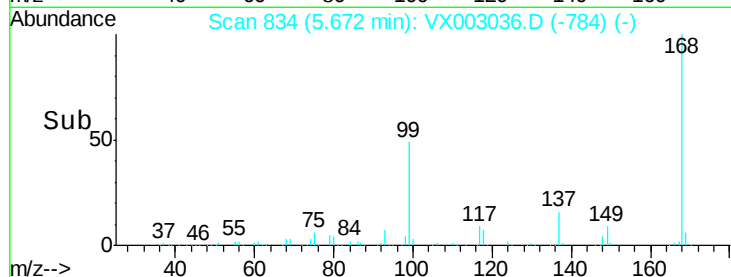
0

Time-->

5.60

5.70

5.80



#16

Acetone

Concen: 7.46 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003036.D

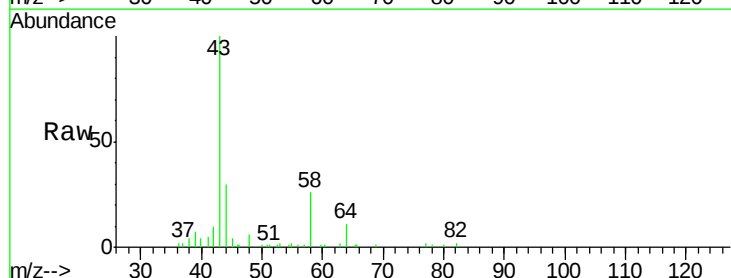
Acq: 29 Jun 2018 18:31

Tgt Ion: 43 Resp: 11188

Ion Ratio Lower Upper

43 100

58 26.9 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

6000

4000

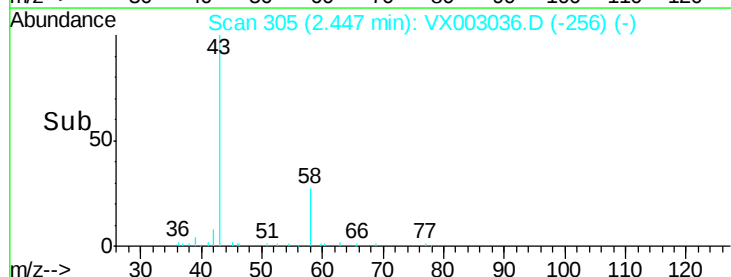
2000

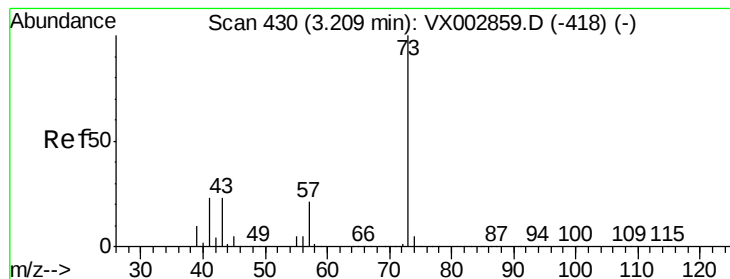
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Time-->

2.40

2.50



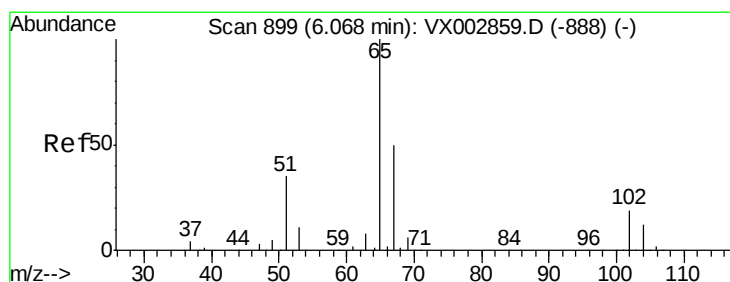
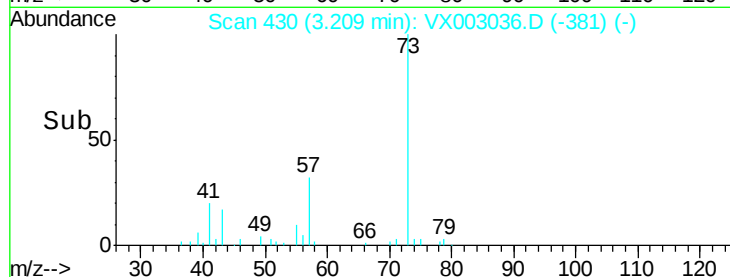
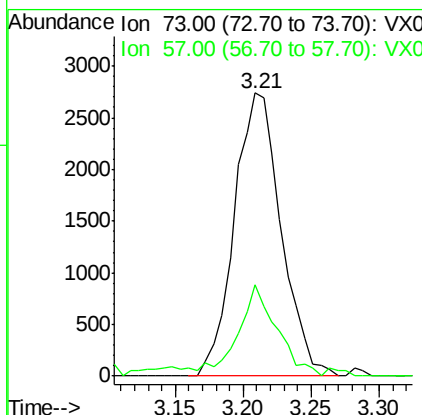
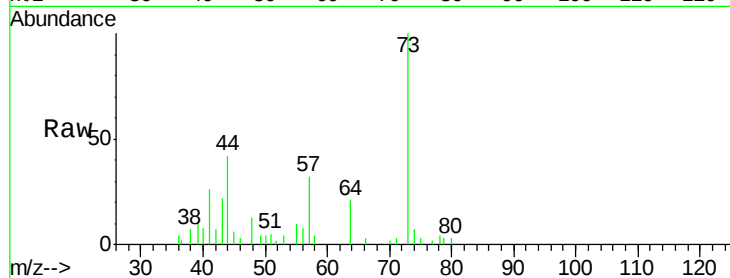


#19

Methvl tert-butvl Ether
 Concen: 0.71 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX003036.D
 Acq: 29 Jun 2018 18:31

Instrument :
 MSVOA_X
 ClientSampleId :
 LIP-22

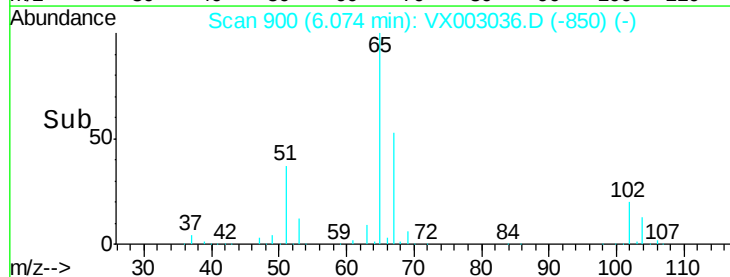
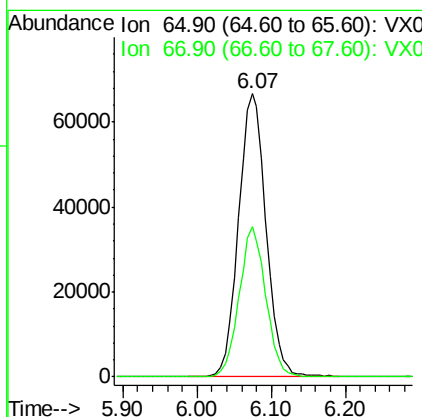
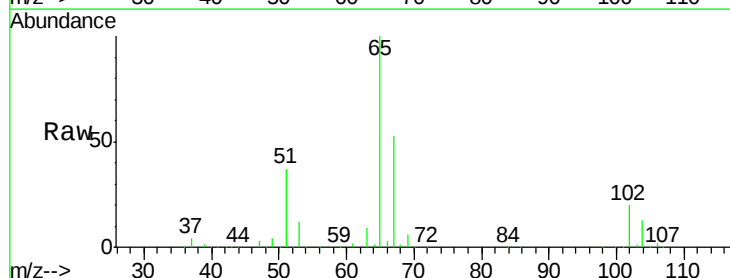
Tot Ion: 73 Resp: 6591
 Ion Ratio Lower Upper
 73 100
 57 30.1 17.7 26.5#

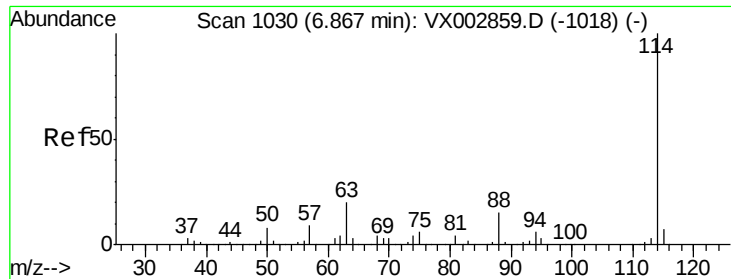


#33

1,2-Dichloroethane-d4
 Concen: 47.77 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003036.D
 Acq: 29 Jun 2018 18:31

Tgt Ion: 65 Resp: 172910
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.6

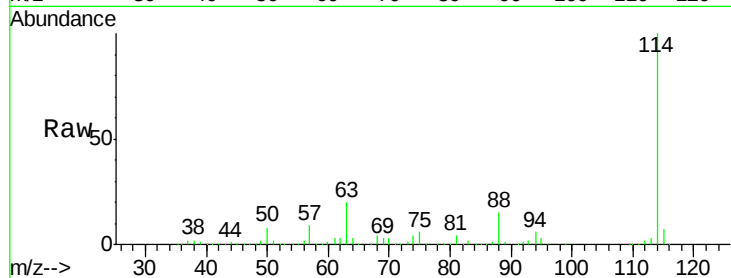




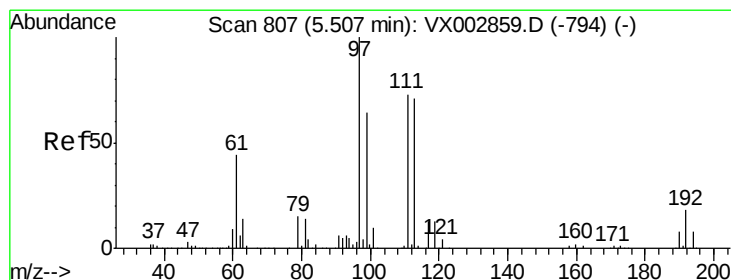
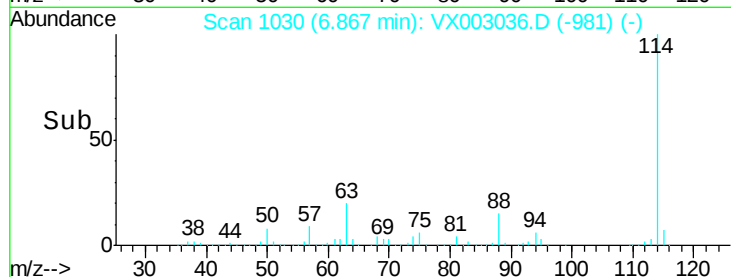
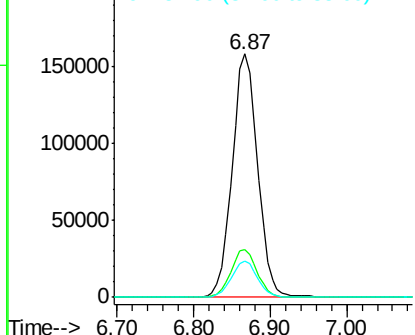
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003036.D
 Acq: 29 Jun 2018 18:31

Instrument :
 MSVOA_X
 ClientSampleId :
 LIP-22

Tot Ion:114 Resp: 364662
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 41.4
 88 14.9 0.0 30.0

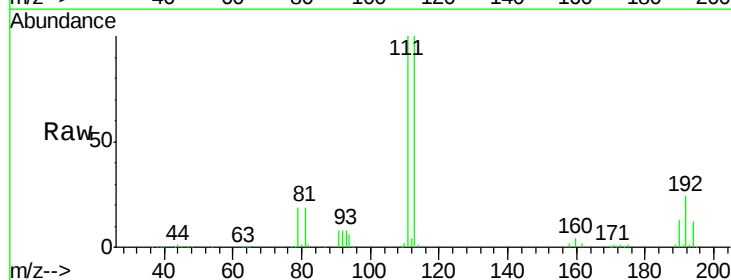


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

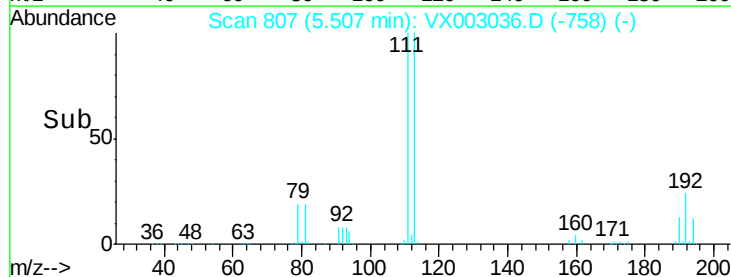
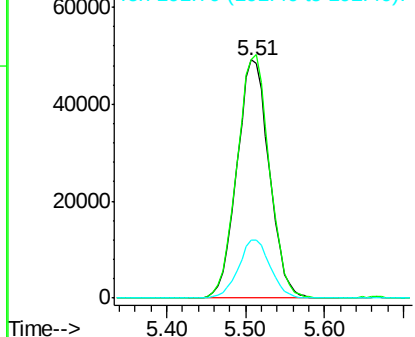


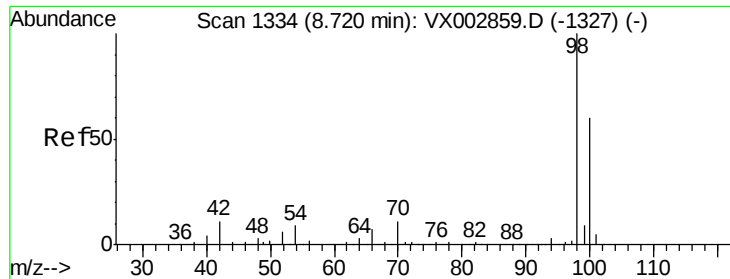
#35
 Dibromofluoromethane
 Concen: 48.57 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003036.D
 Acq: 29 Jun 2018 18:31

Tgt Ion:113 Resp: 140250
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.4 122.0
 192 24.1 19.1 28.7



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





#50

Toluene-d8

Concen: 48.41 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003036.D

Acq: 29 Jun 2018 18:31

Instrument :

MSVOA_X

ClientSampled :

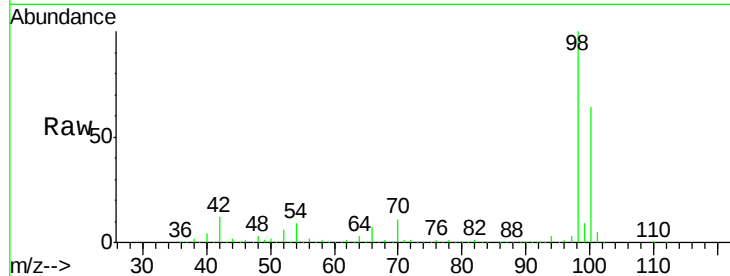
LIP-22

Tot Ion: 98 Resp: 510492

Ion Ratio Lower Upper

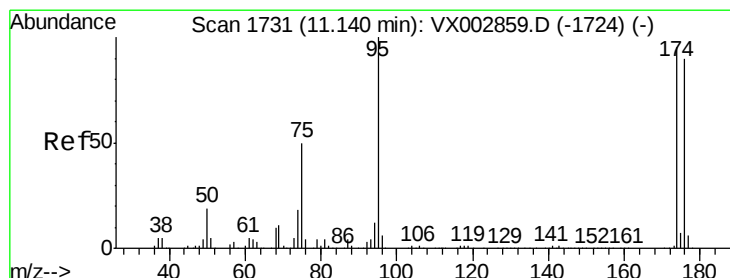
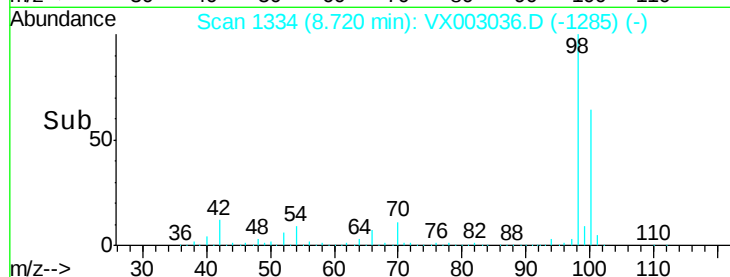
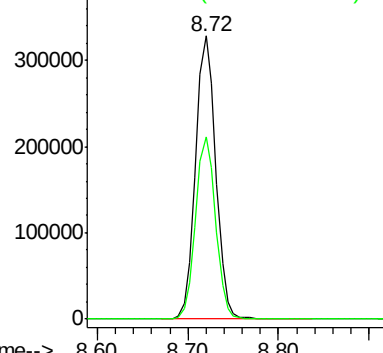
98 100

100 64.0 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 44.41 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003036.D

Acq: 29 Jun 2018 18:31

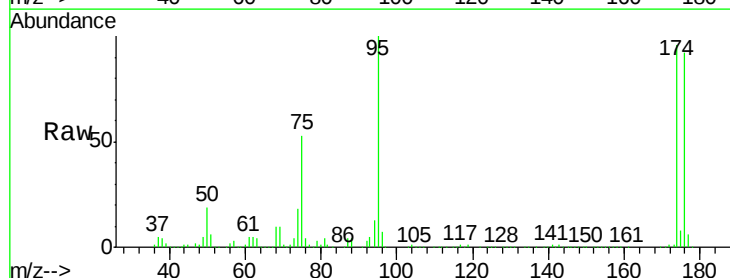
Tgt Ion: 95 Resp: 180617

Ion Ratio Lower Upper

95 100

174 99.0 0.0 187.4

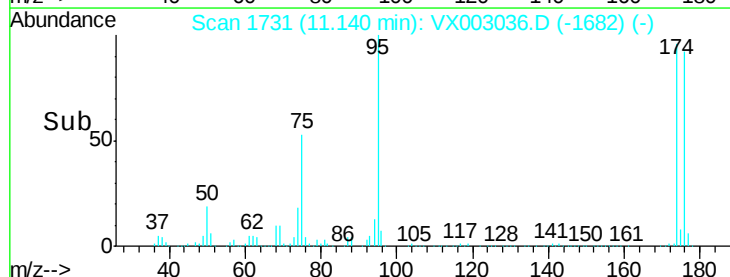
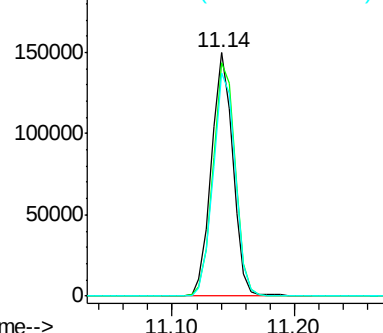
176 94.7 0.0 181.0

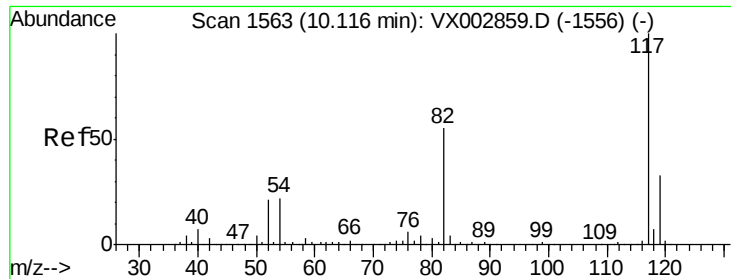


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

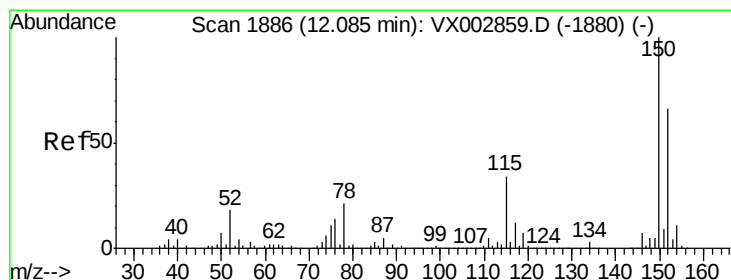
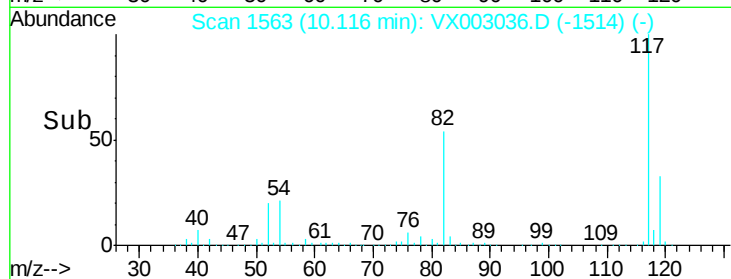
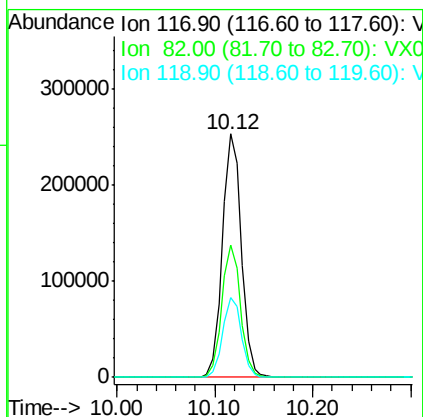
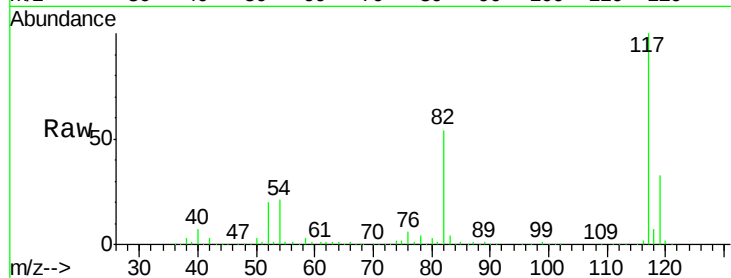




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003036.D
Acq: 29 Jun 2018 18:31

Instrument :
MSVOA_X
ClientSampleId :
LIP-22

Tot Ion:117 Resp: 340231
Ion Ratio Lower Upper
117 100
82 54.5 45.0 67.4
119 32.5 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003036.D
Acq: 29 Jun 2018 18:31

Tgt Ion:152 Resp: 192669
Ion Ratio Lower Upper
152 100
115 54.1 40.1 120.2
150 156.2 0.0 347.2

