

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
 Data File : VX010519.D
 Acq On : 28 Jun 2019 04:57
 Operator : JC/SP
 Sample : K3159-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-03-062619-A

Quant Time: Jun 28 08:22:10 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

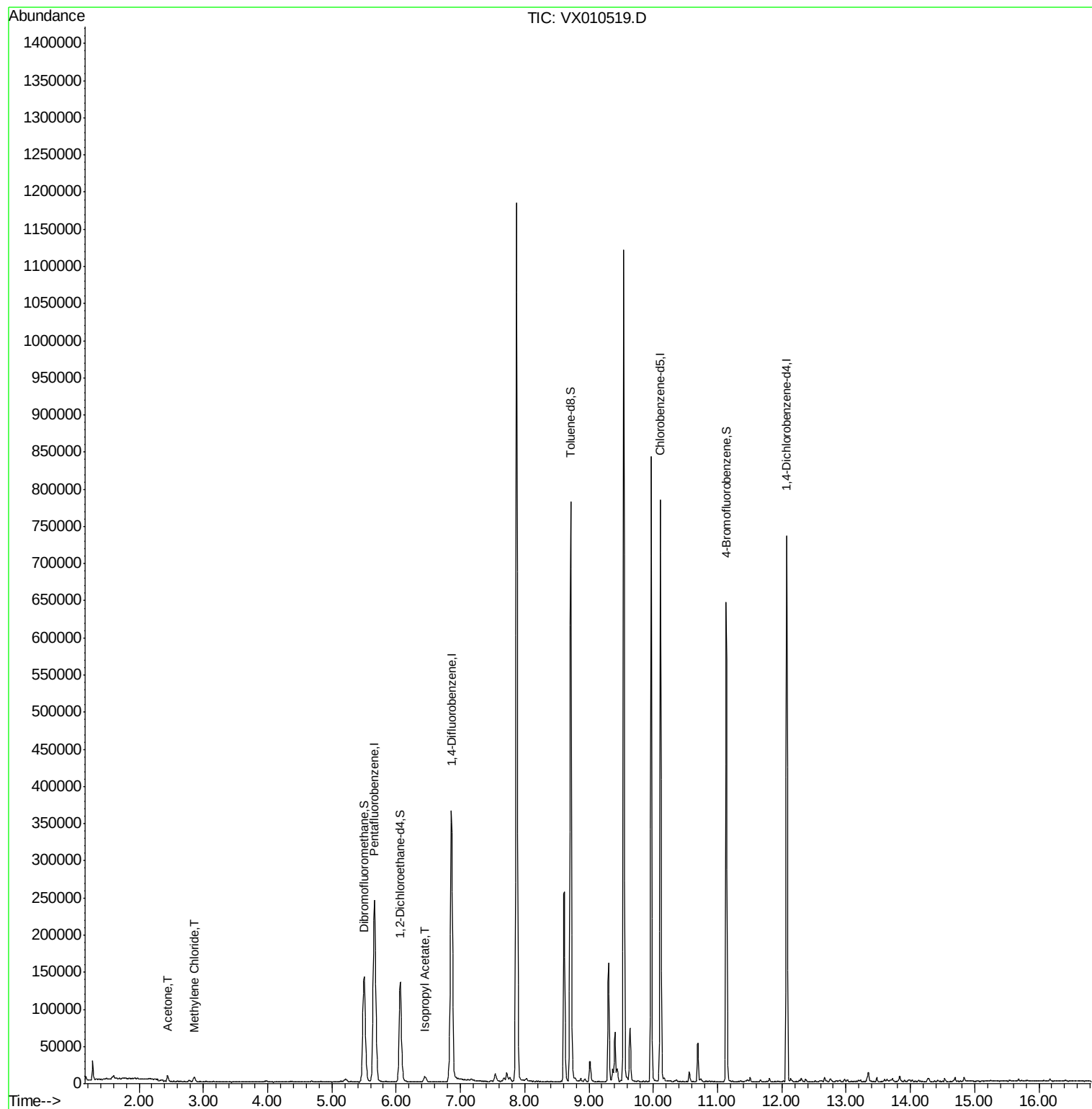
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	261887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	402554	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	372605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	169192	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	123396	50.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.50%	
35) Dibromofluoromethane	5.50	113	120927	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.20%	
50) Toluene-d8	8.71	98	478450	50.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.56%	
62) 4-Bromofluorobenzene	11.13	95	158261	46.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.04%	
Target Compounds						
16) Acetone	2.44	43	8422	6.844	ug/l	94
20) Methylene Chloride	2.86	84	2825	1.115	ug/l	90
43) Isopropyl Acetate	6.45	43	10877	1.998	ug/l	99

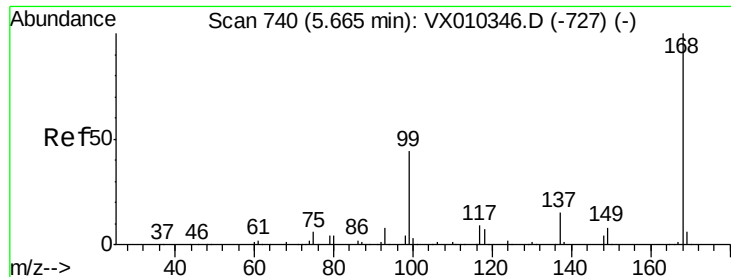
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010519.D

Acq: 28 Jun 2019 04:57

Instrument :

MSVOA_X

ClientSampleId :

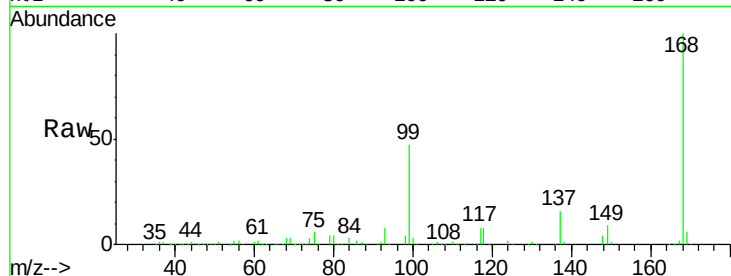
OR-03-062619-A

Tot Ion:168 Resp: 261887

Ion Ratio Lower Upper

168 100

99 46.9 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

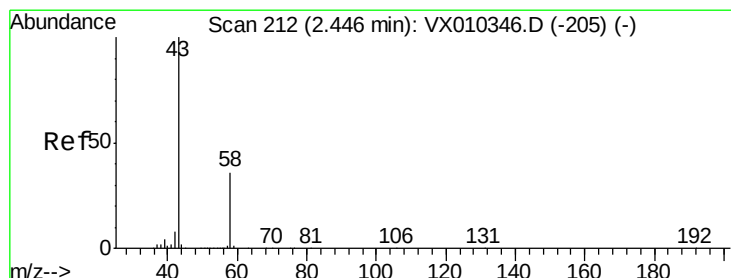
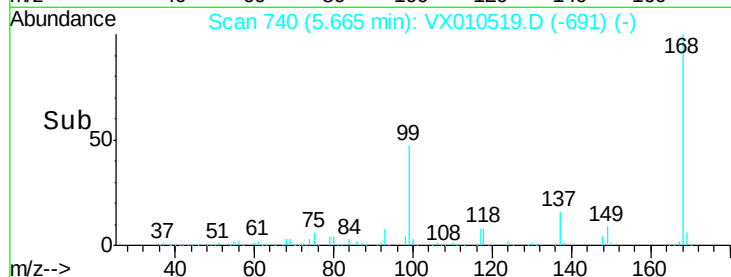
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 6.844 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010519.D

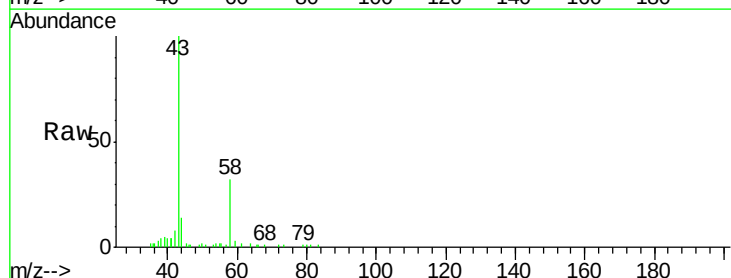
Acq: 28 Jun 2019 04:57

Tgt Ion: 43 Resp: 8422

Ion Ratio Lower Upper

43 100

58 32.3 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

6000

5000

4000

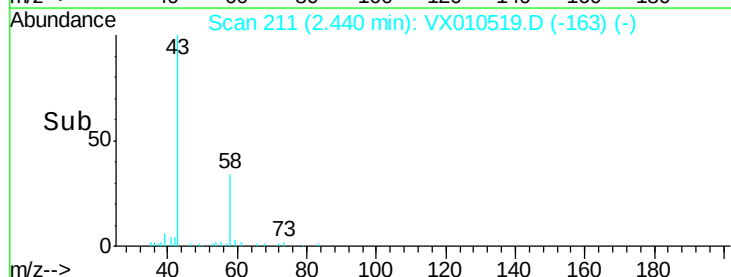
3000

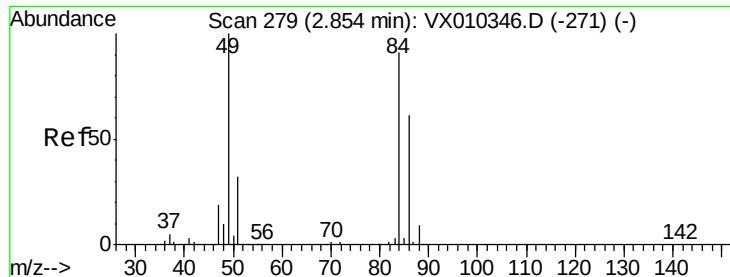
2000

1000

0

Time--> 2.40 2.45 2.50

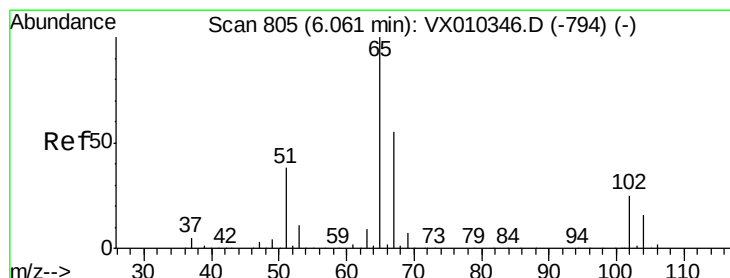
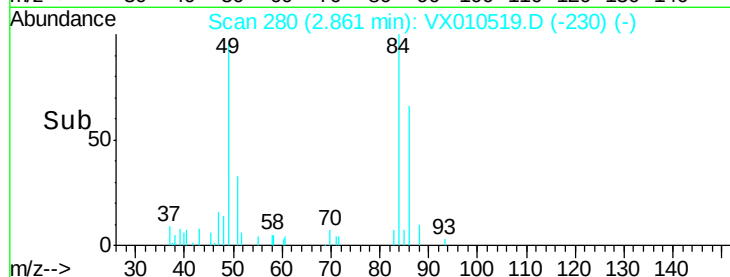
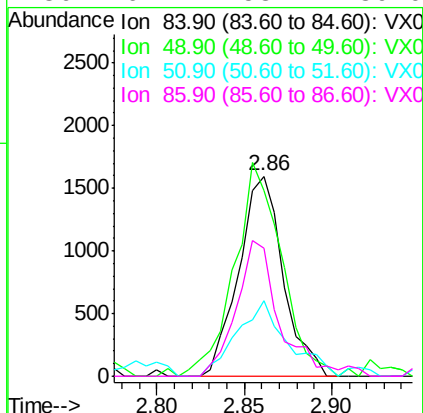
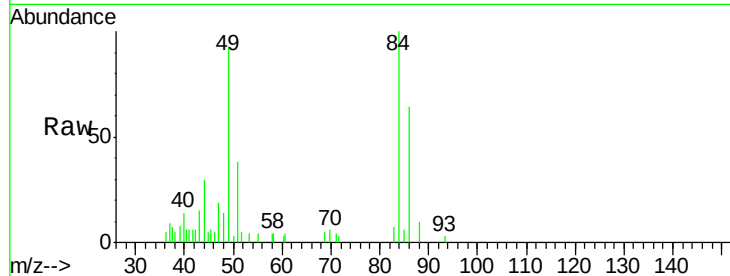




#20
Methylene Chloride
Concen: 1.115 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010519.D
Acq: 28 Jun 2019 04:57

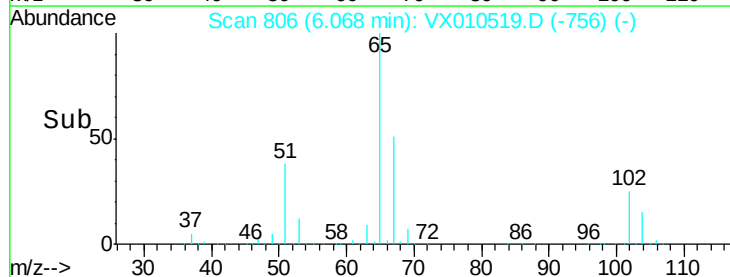
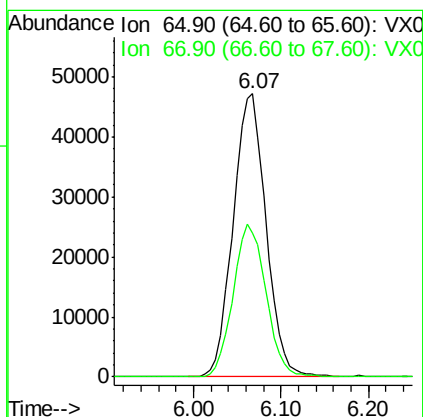
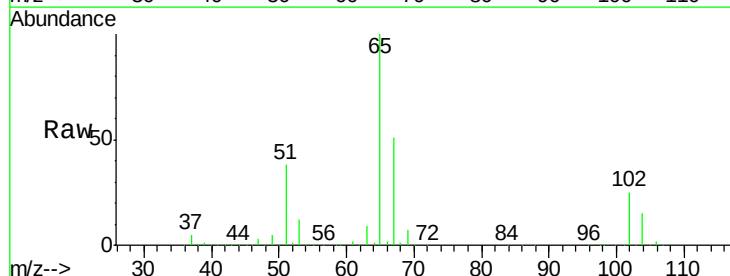
Instrument :
MSVOA_X
ClientSampleId :
OR-03-062619-A

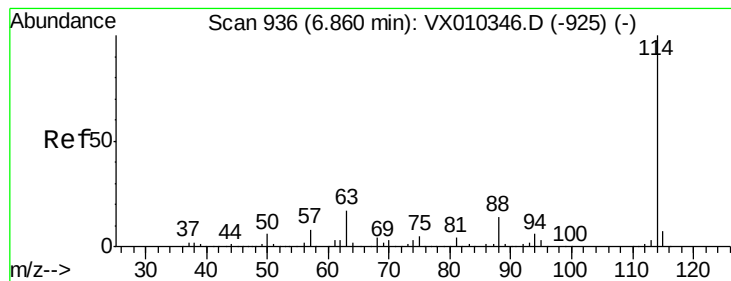
Tot Ion:	84	Resp:	2825
Ion	Ratio	Lower	Upper
84	100		
49	92.9	87.5	131.3
51	37.5	27.7	41.5
86	64.1	53.4	80.0



#33
1,2-Dichloroethane-d4
Concen: 50.254 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX010519.D
Acq: 28 Jun 2019 04:57

Tgt Ion:	65	Resp:	123396
Ion	Ratio	Lower	Upper
65	100		
67	53.9	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: VX010519.D

Acq: 28 Jun 2019 04:57

Instrument :

MSVOA_X

ClientSampleId :

OR-03-062619-A

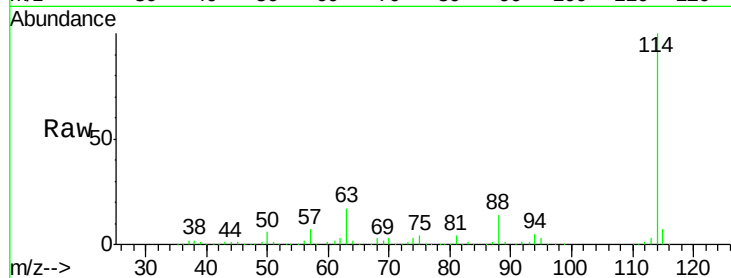
Tot Ion:114 Resp: 402554

Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.8

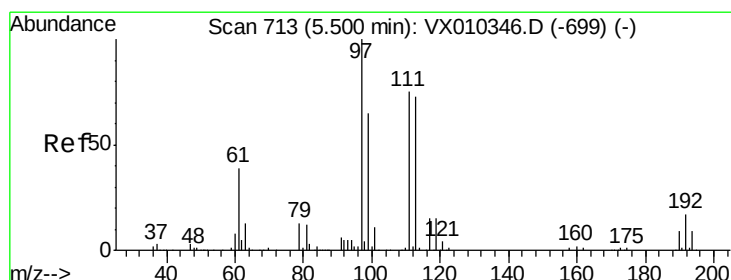
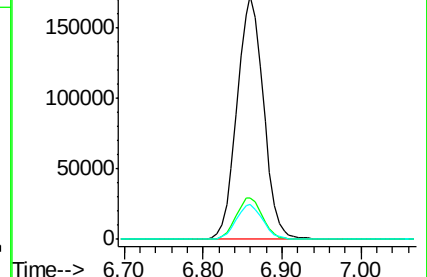
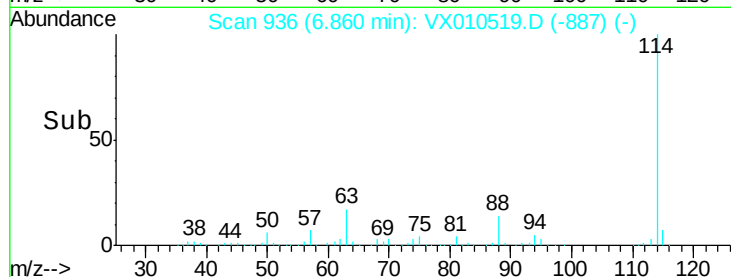
88 14.5 0.0 27.6



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: 49.098 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010519.D

Acq: 28 Jun 2019 04:57

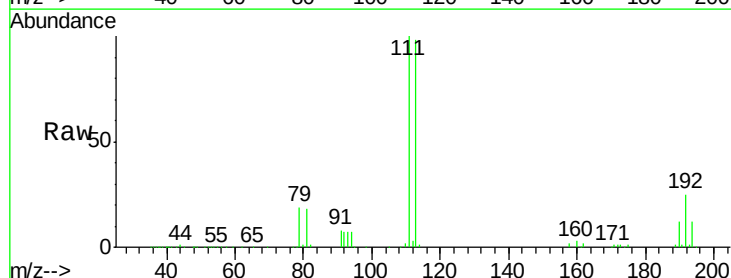
Tgt Ion:113 Resp: 120927

Ion Ratio Lower Upper

113 100

111 102.9 81.2 121.8

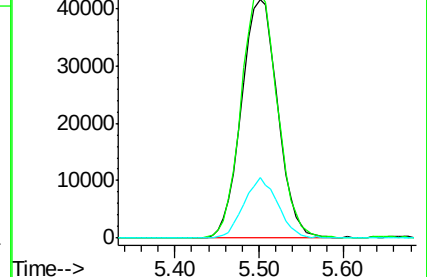
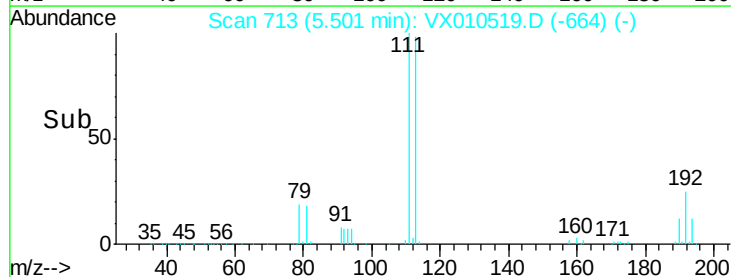
192 23.9 18.6 27.8

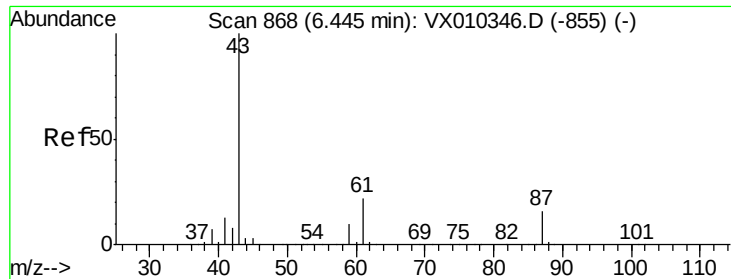


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.998 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX010519.D

Acq: 28 Jun 2019 04:57

Instrument :

MSVOA_X

ClientSampleId :

OR-03-062619-A

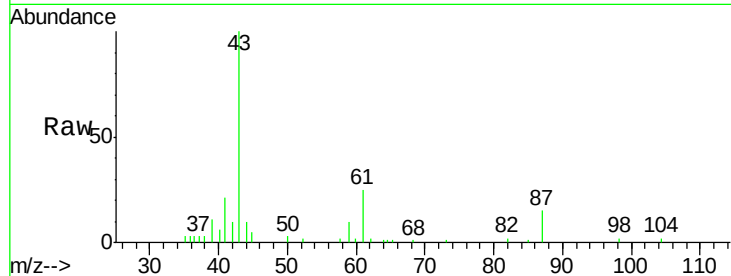
Tot Ion: 43 Resp: 10877

Ion Ratio Lower Upper

43 100

61 22.3 17.8 26.6

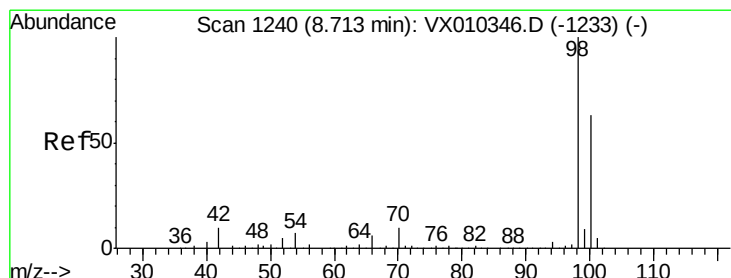
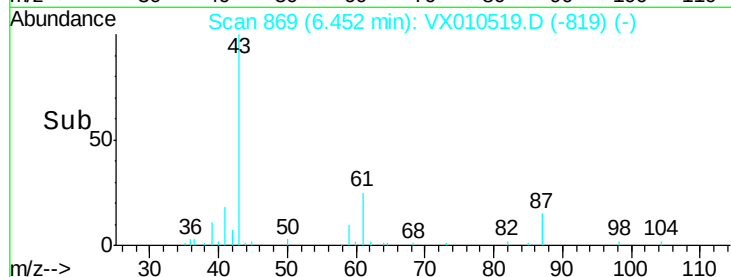
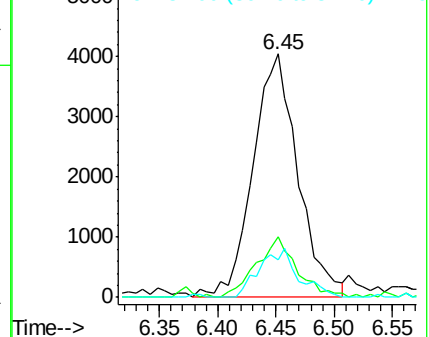
87 17.2 13.0 19.4



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: 50.776 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010519.D

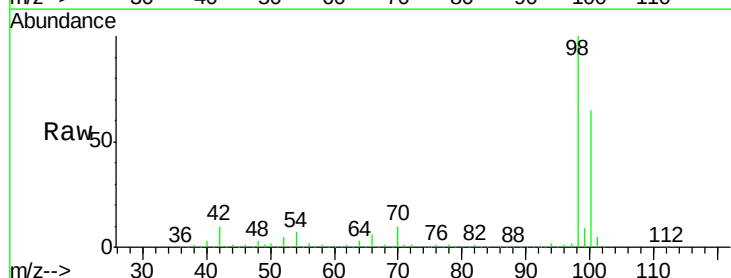
Acq: 28 Jun 2019 04:57

Tgt Ion: 98 Resp: 478450

Ion Ratio Lower Upper

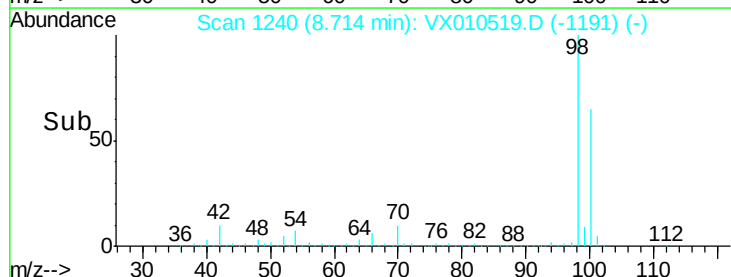
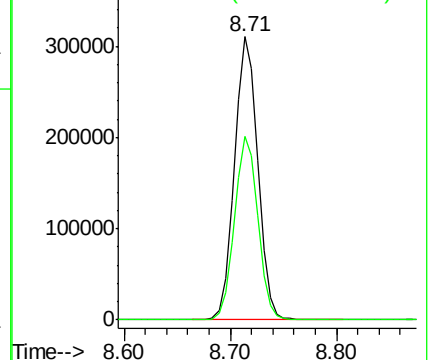
98 100

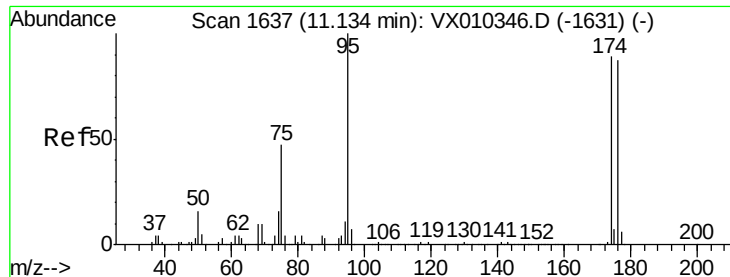
100 64.8 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 46.521 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010519.D

Acq: 28 Jun 2019 04:57

Instrument :

MSVOA_X

ClientSampleId :

OR-03-062619-A

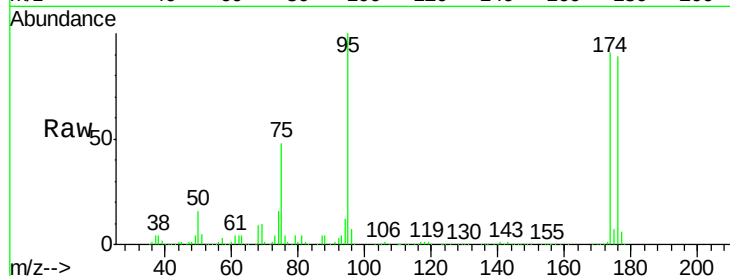
Tot Ion: 95 Resp: 158261

Ion Ratio Lower Upper

95 100

174 97.1 0.0 187.6

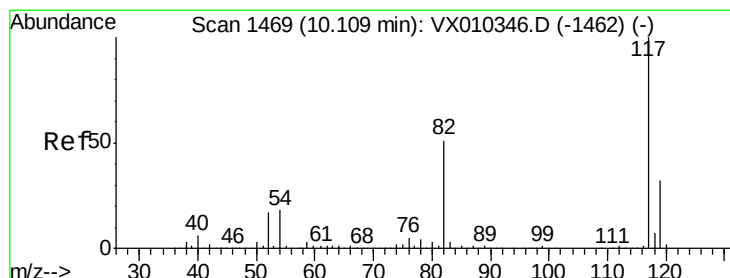
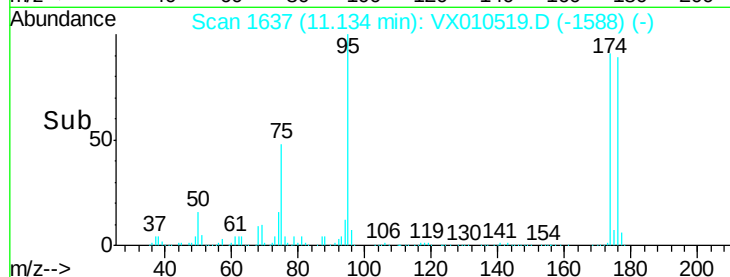
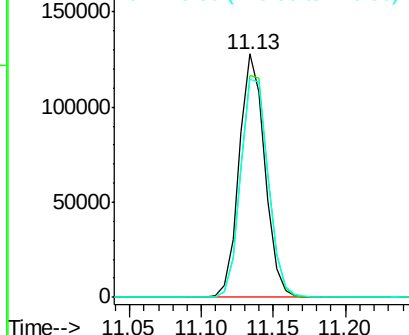
176 95.7 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX010346.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010346.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010346.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010519.D

Acq: 28 Jun 2019 04:57

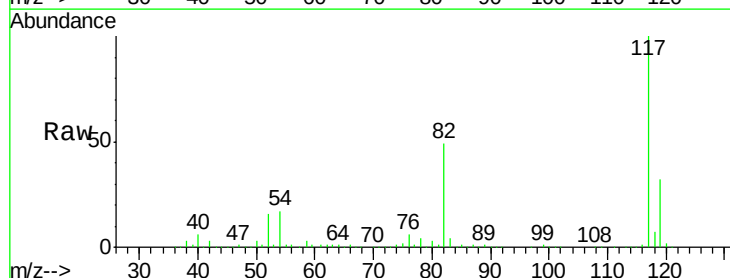
Tgt Ion: 117 Resp: 372605

Ion Ratio Lower Upper

117 100

82 49.1 41.2 61.8

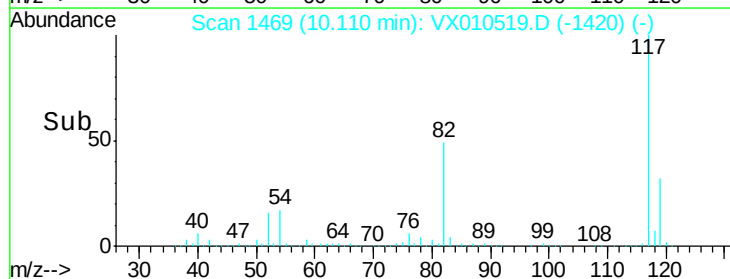
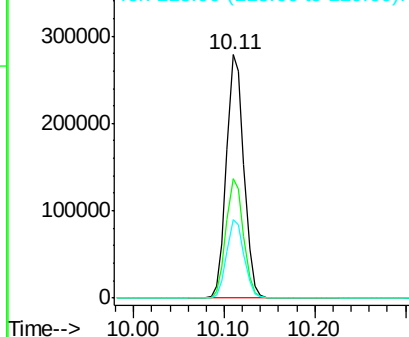
119 32.3 25.5 38.3

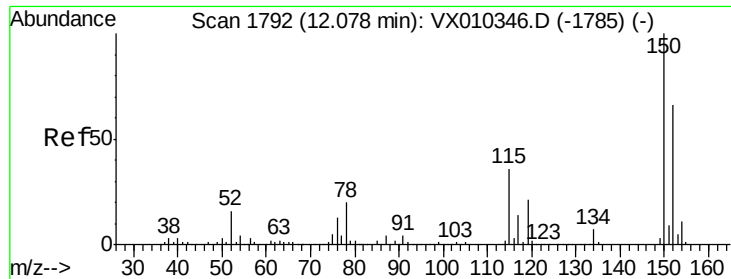


Abundance Ion 116.90 (116.60 to 117.60): VX010346.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010346.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010346.D (-1462) (-)

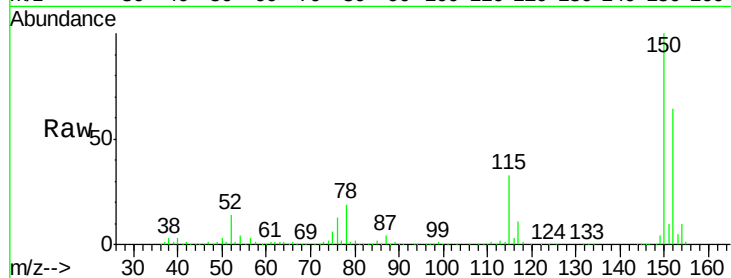




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX010519.D
 Acq: 28 Jun 2019 04:57

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-03-062619-A

Tot Ion:152 Resp: 169192
 Ion Ratio Lower Upper
 152 100
 115 53.8 38.6 115.7
 150 157.9 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

