

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031619\
 Data File : VX008147.D
 Acq On : 16 Mar 2019 18:01
 Operator : JC/SP
 Sample : K1685-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AU-05-031419-D

Quant Time: Mar 18 02:23:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 03:56:35 2019
 Response via : Initial Calibration

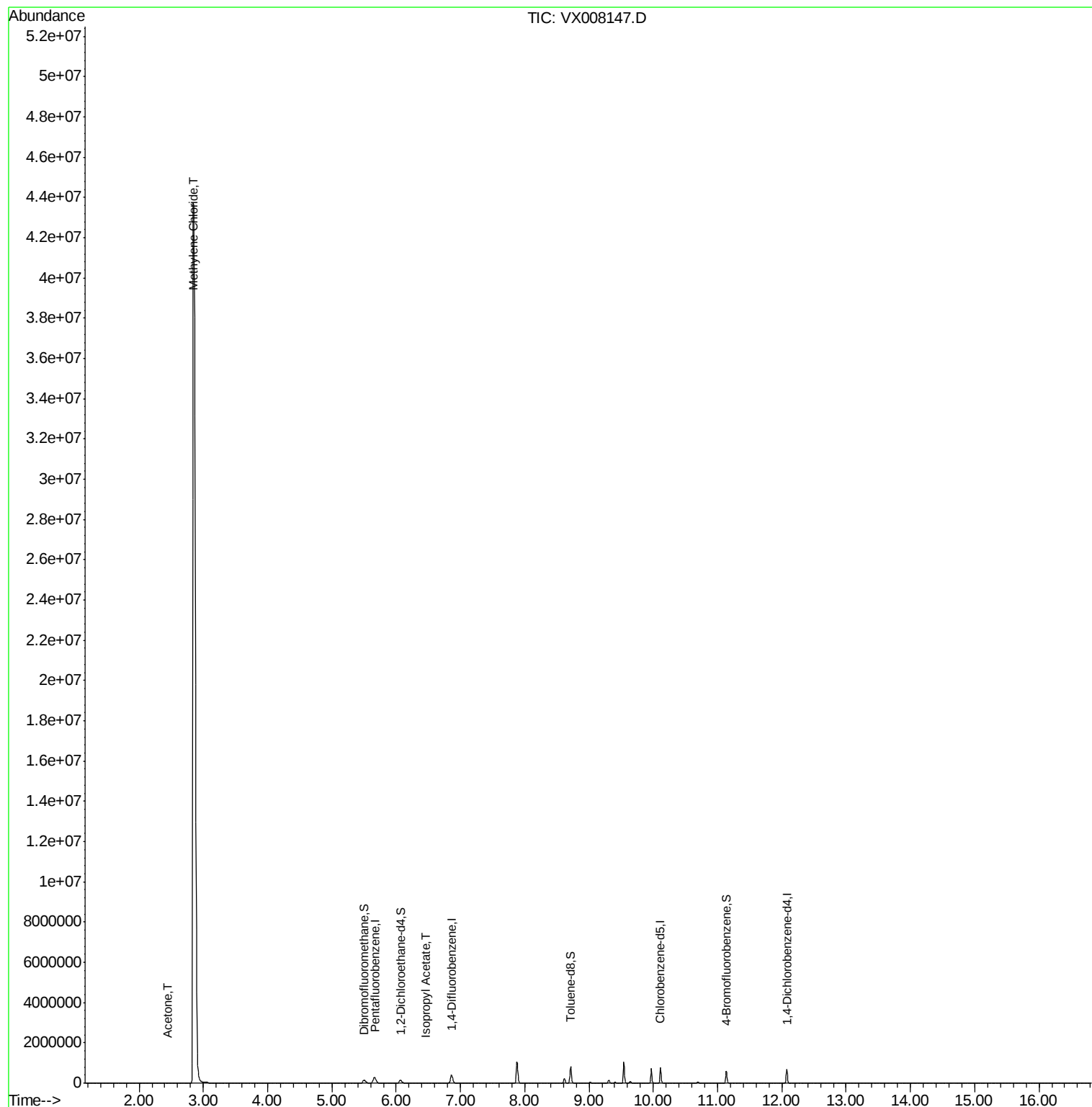
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	319450	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	429482	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	368290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	157447	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	140261	43.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.06%	
35) Dibromofluoromethane	5.50	113	130664	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	
50) Toluene-d8	8.71	98	497494	48.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.06%	
62) 4-Bromofluorobenzene	11.13	95	156270	42.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.22%	
Target Compounds						
16) Acetone	2.45	43	8823	5.800	ug/l	96
20) Methylene Chloride	2.84	84	25991439	9565.995	ug/l #	74
43) Isopropyl Acetate	6.46	43	9738	1.592	ug/l	98

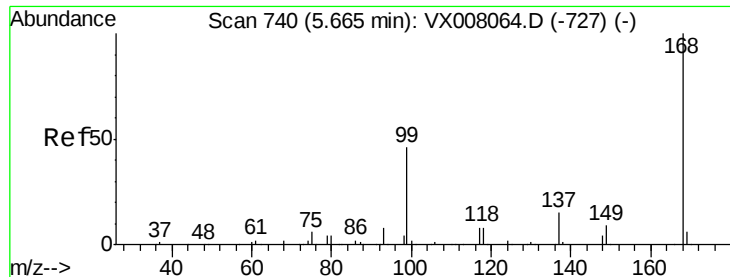
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008147.D

Acq: 16 Mar 2019 18:01

Instrument :

MSVOA_X

ClientSampleId :

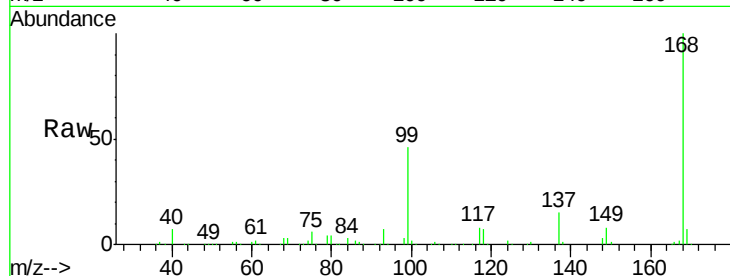
AU-05-031419-D

Tot Ion:168 Resp: 319450

Ion Ratio Lower Upper

168 100

99 45.9 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

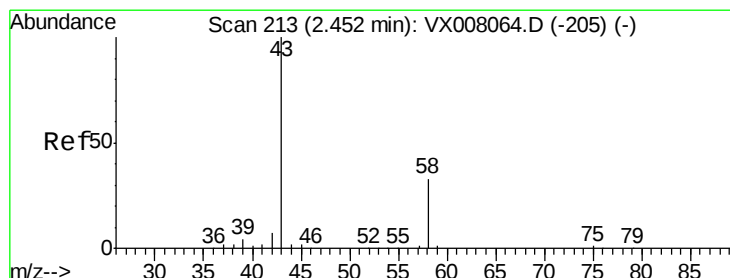
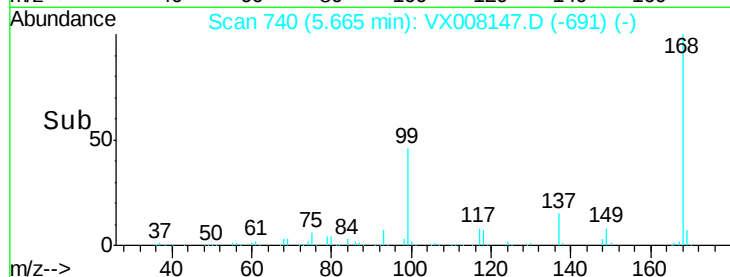
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 5.800 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX008147.D

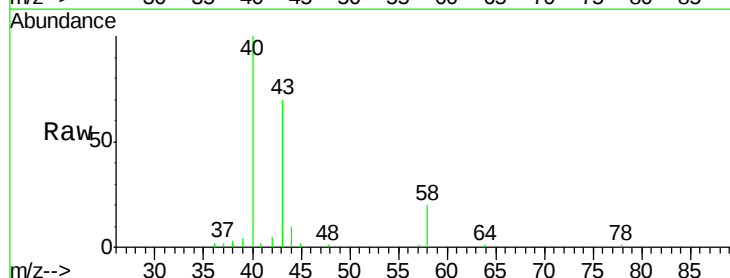
Acq: 16 Mar 2019 18:01

Tgt Ion: 43 Resp: 8823

Ion Ratio Lower Upper

43 100

58 29.9 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

6000

5000

4000

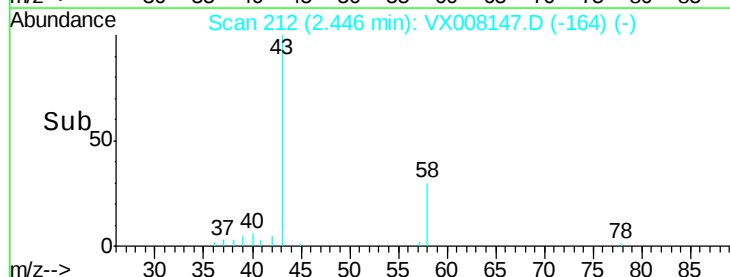
3000

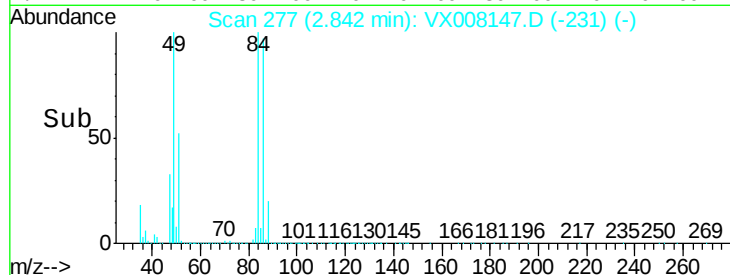
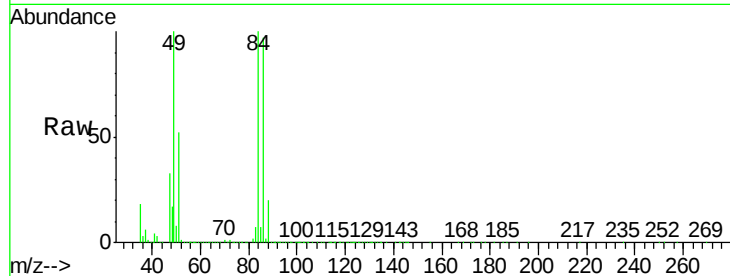
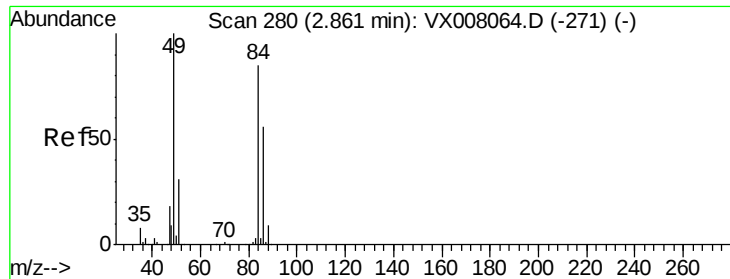
2000

1000

0

Time--> 2.35 2.40 2.45 2.50

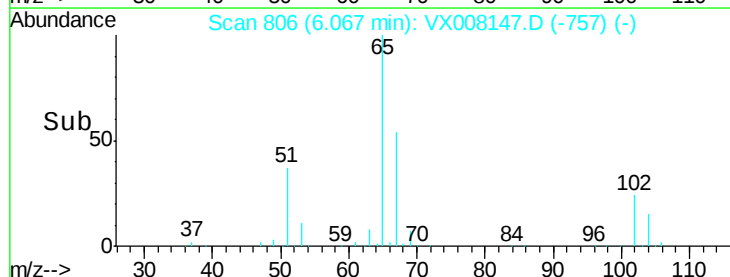
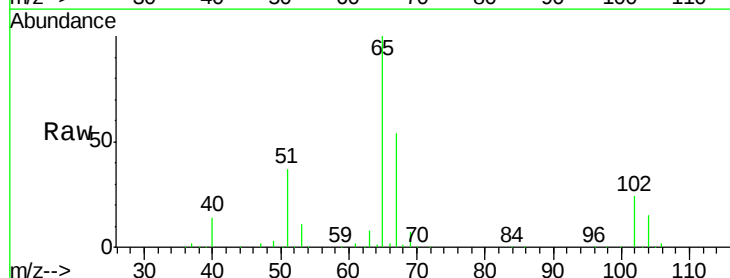
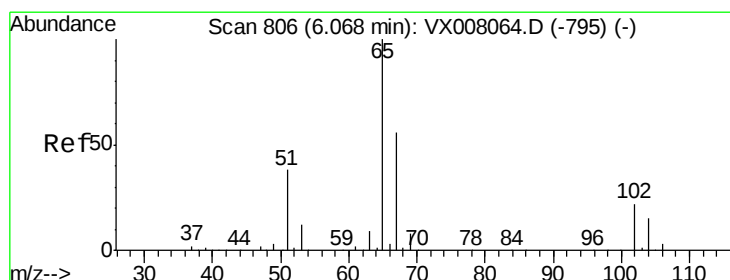
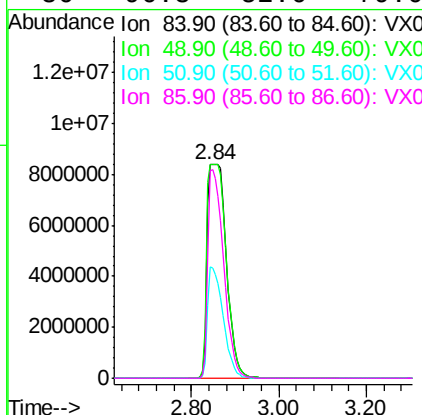




#20
Methylene Chloride
Concen: 9565.995 ug/l
RT: 2.84 min Scan# 277
Delta R.T. -0.02 min
Lab File: VX008147.D
Acq: 16 Mar 2019 18:01

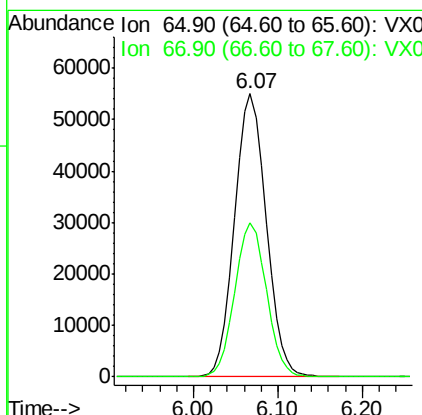
Instrument :
MSVOA_X
ClientSampleId :
AU-05-031419-D

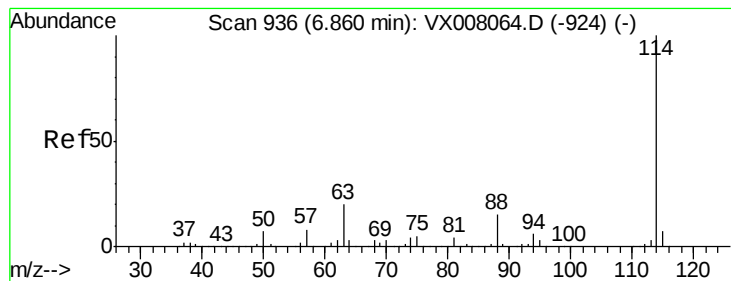
Tot Ion: 84 Resp:25991439
Ion Ratio Lower Upper
84 100
49 100.0 99.3 148.9
51 51.9 31.3 46.9#
86 96.8 52.6 79.0#



#33
1,2-Dichloroethane-d4
Concen: 43.527 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX008147.D
Acq: 16 Mar 2019 18:01

Tgt Ion: 65 Resp: 140261
Ion Ratio Lower Upper
65 100
67 54.3 0.0 110.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008147.D

Acq: 16 Mar 2019 18:01

Instrument :

MSVOA_X

ClientSampleId :

AU-05-031419-D

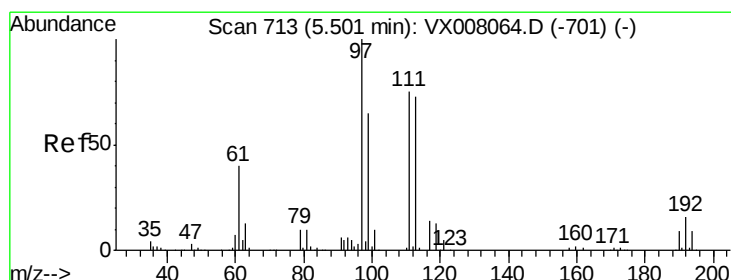
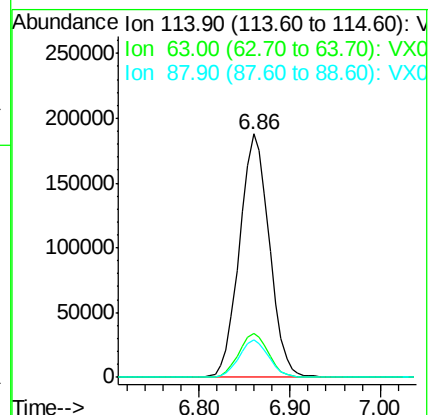
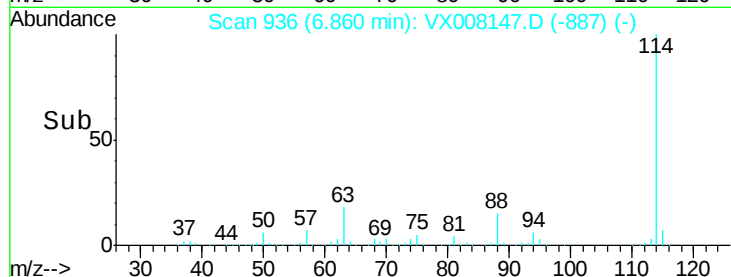
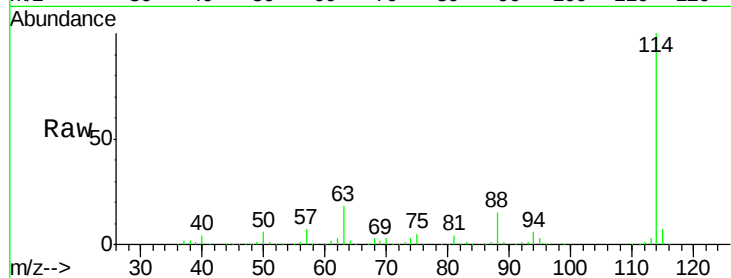
Tot Ion:114 Resp: 429482

Ion Ratio Lower Upper

114 100

63 18.1 0.0 39.8

88 15.3 0.0 31.4



#35

Dibromofluoromethane

Concen: 47.976 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008147.D

Acq: 16 Mar 2019 18:01

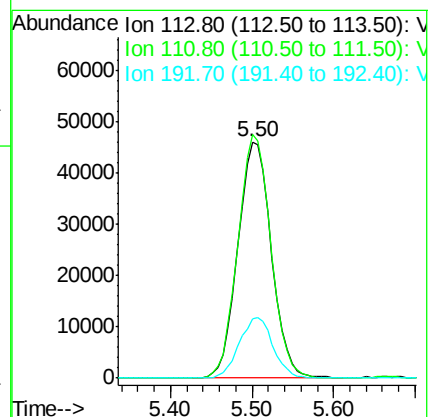
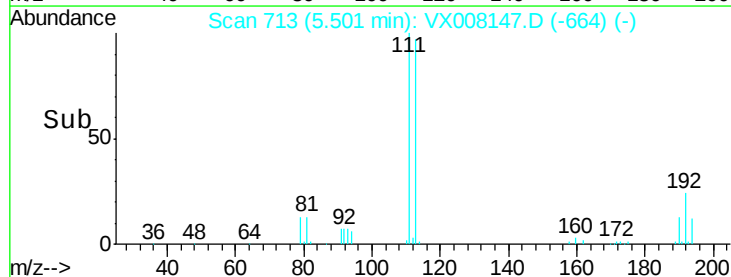
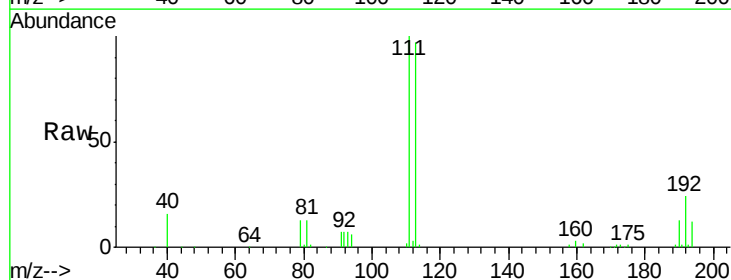
Tgt Ion:113 Resp: 130664

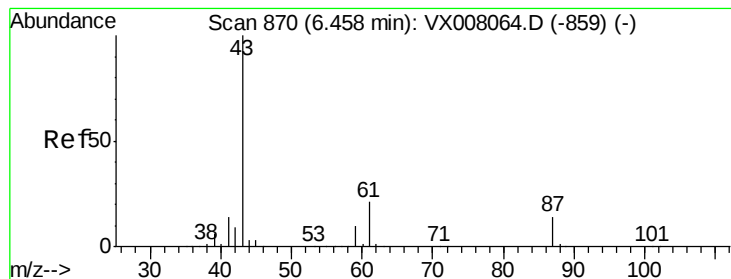
Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.0

192 25.6 19.4 29.0





#43

Isopropyl Acetate

Concen: 1.592 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX008147.D

Acq: 16 Mar 2019 18:01

Instrument :

MSVOA_X

ClientSampleId :

AU-05-031419-D

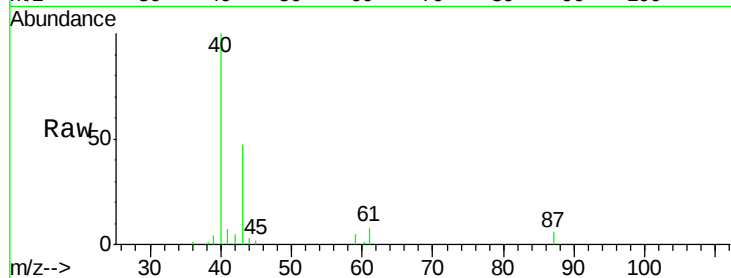
Tot Ion: 43 Resp: 9738

Ion Ratio Lower Upper

43 100

61 20.9 16.3 24.5

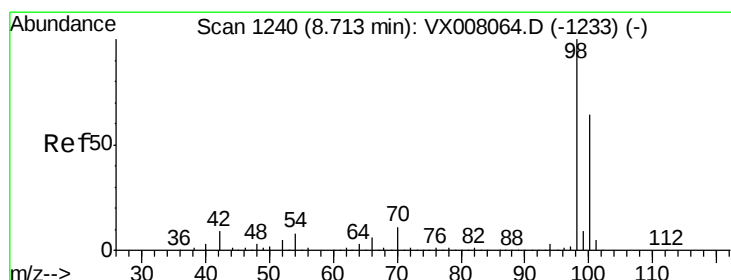
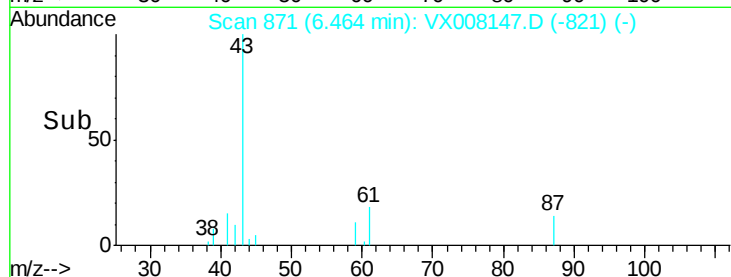
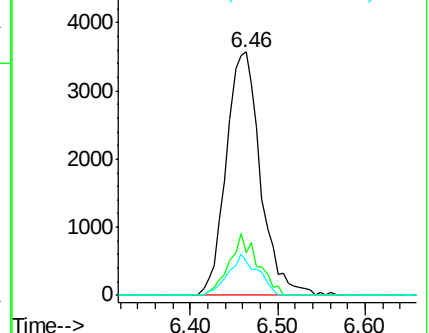
87 14.2 10.5 15.7



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: 48.028 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008147.D

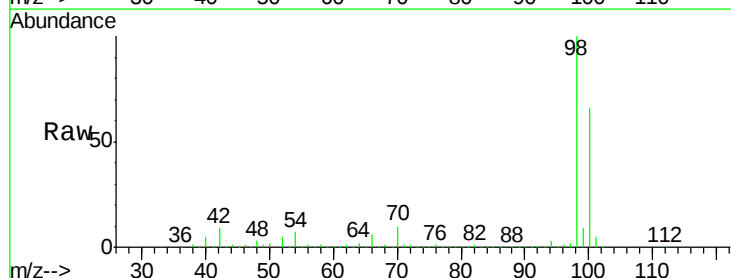
Acq: 16 Mar 2019 18:01

Tgt Ion: 98 Resp: 497494

Ion Ratio Lower Upper

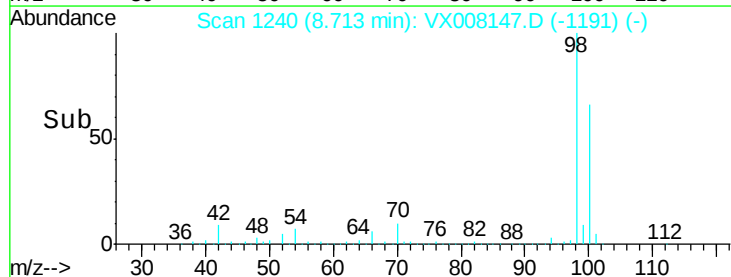
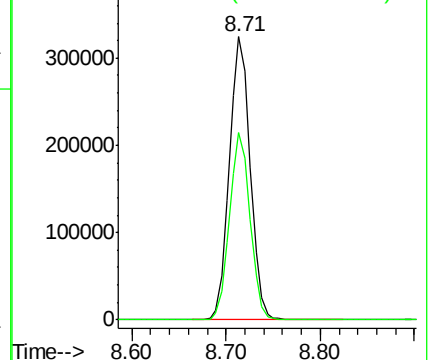
98 100

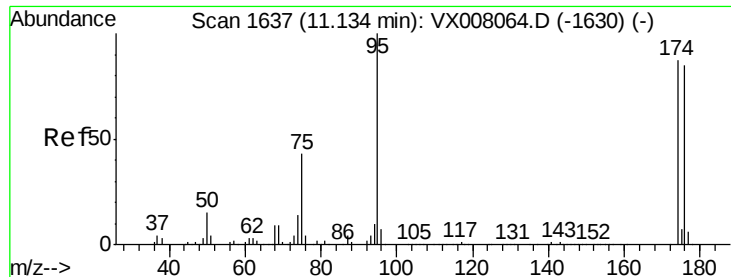
100 65.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 42.113 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008147.D

Acq: 16 Mar 2019 18:01

Instrument :

MSVOA_X

ClientSampleId :

AU-05-031419-D

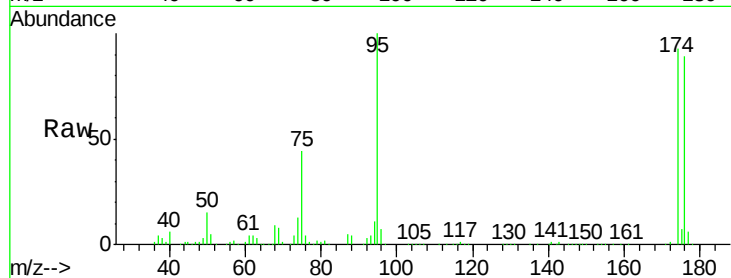
Tot Ion: 95 Resp: 156270

Ion Ratio Lower Upper

95 100

174 99.4 0.0 182.8

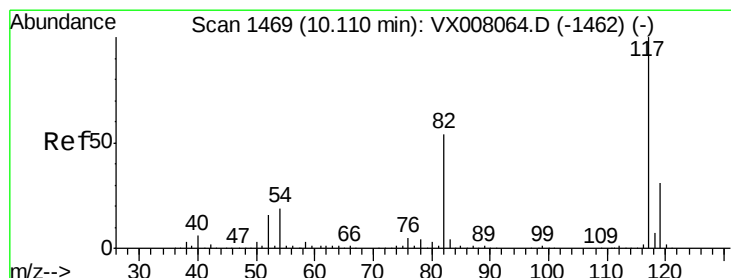
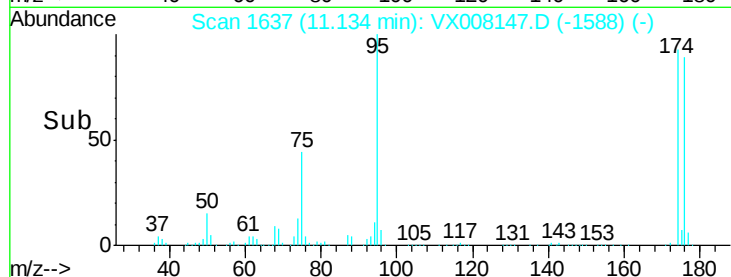
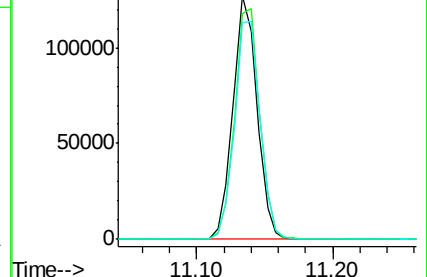
176 95.3 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX008064.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX008064.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX008064.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008147.D

Acq: 16 Mar 2019 18:01

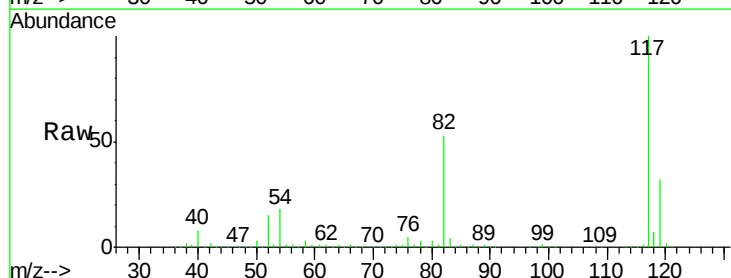
Tgt Ion: 117 Resp: 368290

Ion Ratio Lower Upper

117 100

82 52.7 44.3 66.5

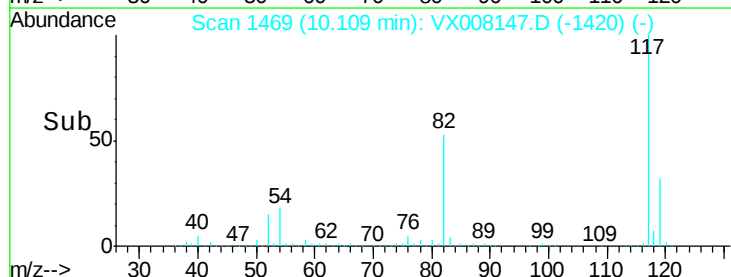
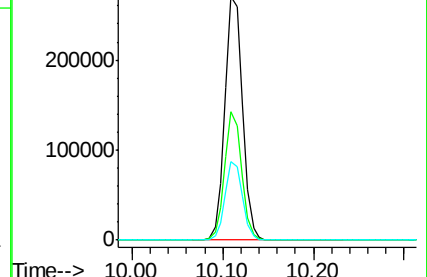
119 32.3 25.3 37.9

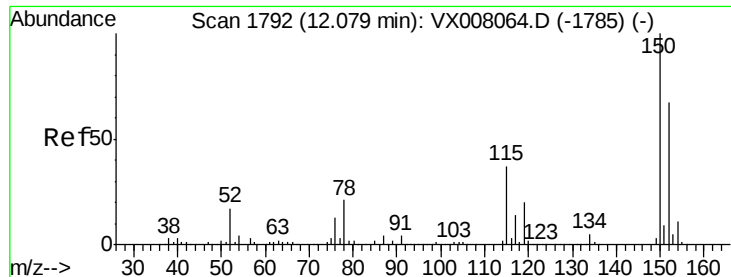


Abundance Ion 116.90 (116.60 to 117.60): VX008064.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008064.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008064.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: VX008147.D

Acq: 16 Mar 2019 18:01

Instrument :

MSVOA_X

ClientSampleId :

AU-05-031419-D

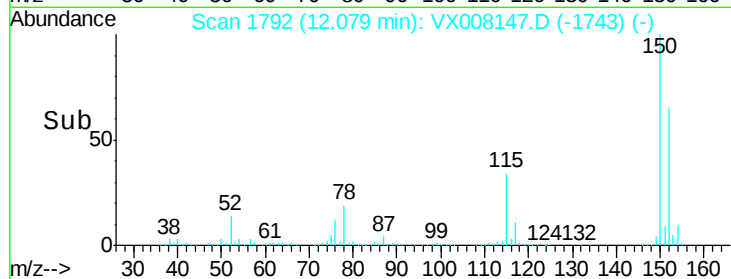
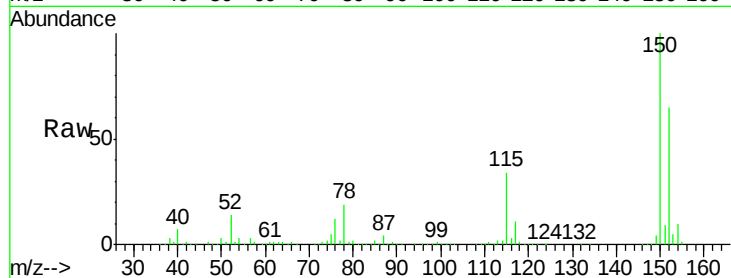
Tot Ion:152 Resp: 157447

Ion Ratio Lower Upper

152 100

115 53.8 38.6 115.7

150 156.9 0.0 348.4



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

