

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040919\
 Data File : VX008782.D
 Acq On : 09 Apr 2019 19:42
 Operator : JC/SP
 Sample : K2309-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HA-040519

Quant Time: Apr 10 07:59:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

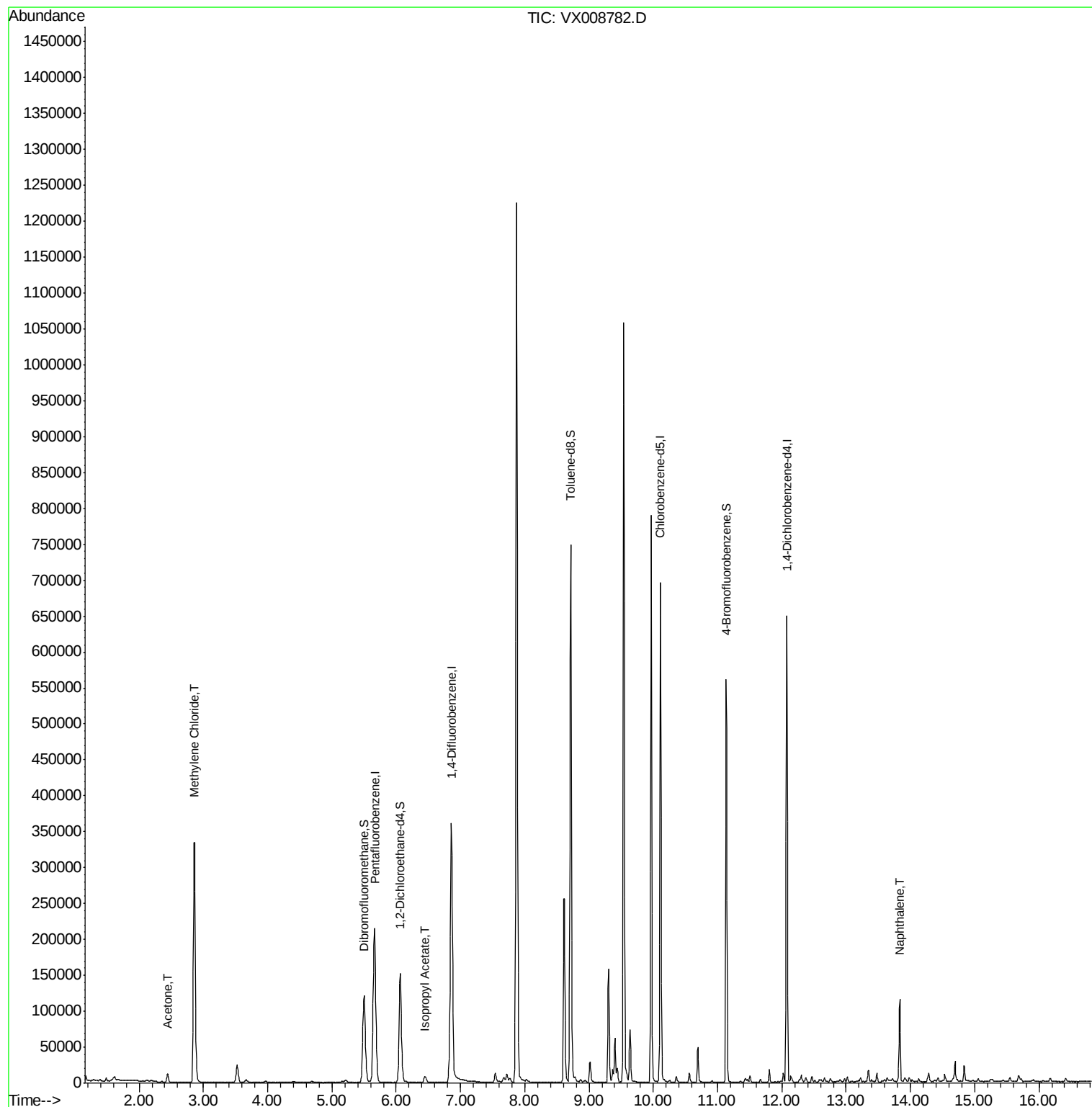
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	207785	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	346428	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	301405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	129812	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	143264	47.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.54%	
35) Dibromofluoromethane	5.50	113	104777	47.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.60%	
50) Toluene-d8	8.71	98	437507	49.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.22%	
62) 4-Bromofluorobenzene	11.13	95	147105	47.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.08%	
Target Compounds						
16) Acetone	2.44	43	13962	7.999	ug/l	98
20) Methylene Chloride	2.86	84	157290	53.832	ug/l	99
43) Isopropyl Acetate	6.45	43	12818	1.619	ug/l	99
95) Naphthalene	13.83	128	66937	6.266	ug/l	99

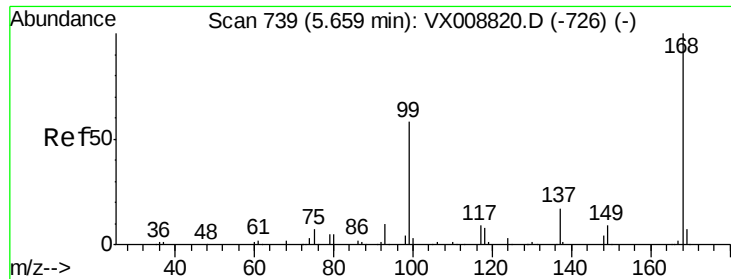
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008782.D

Acq: 09 Apr 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

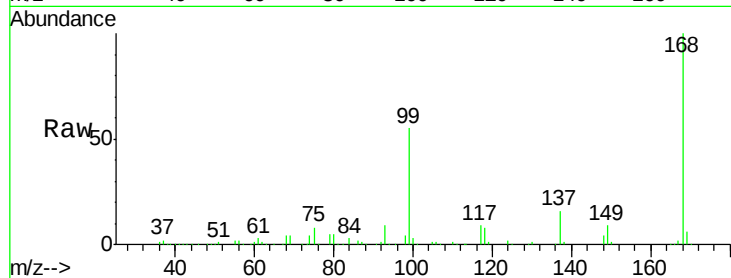
HA-040519

Tot Ion:168 Resp: 207785

Ion Ratio Lower Upper

168 100

99 55.0 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

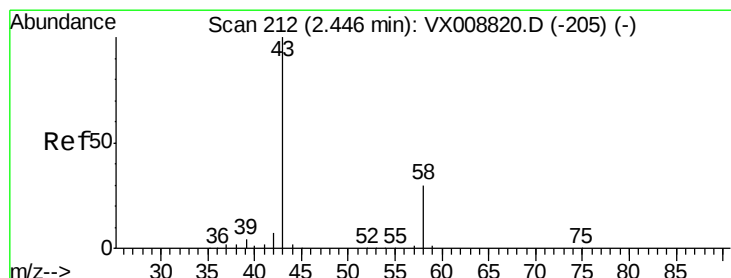
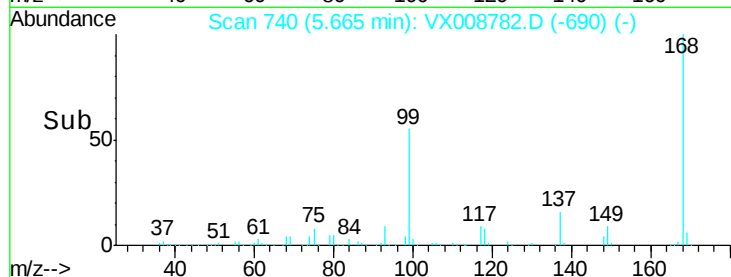
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 7.999 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008782.D

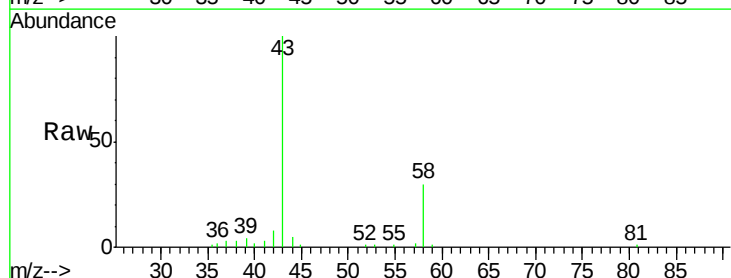
Acq: 09 Apr 2019 19:42

Tgt Ion: 43 Resp: 13962

Ion Ratio Lower Upper

43 100

58 29.8 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

8000

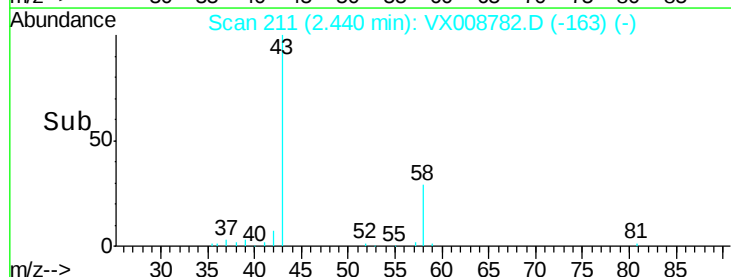
6000

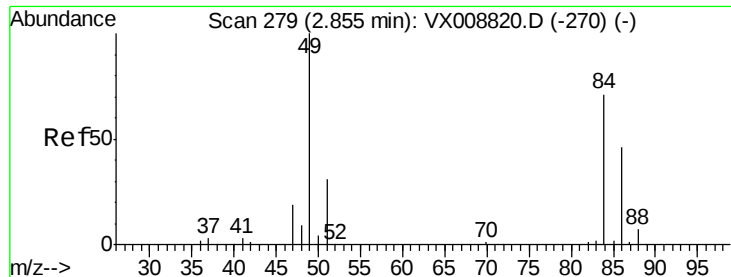
4000

2000

0

Time--> 2.35 2.40 2.45 2.50





#20

Methylene Chloride

Concen: 53.832 ug/l

RT: 2.86 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX008782.D

Acq: 09 Apr 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

HA-040519

Tot Ion: 84 Resp: 157290

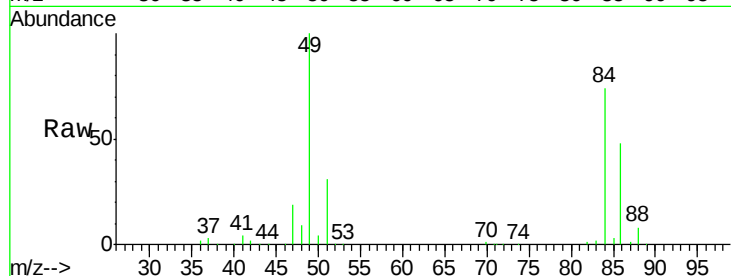
Ion Ratio Lower Upper

84 100

49 135.9 109.7 164.5

51 42.4 33.6 50.4

86 64.6 51.4 77.2

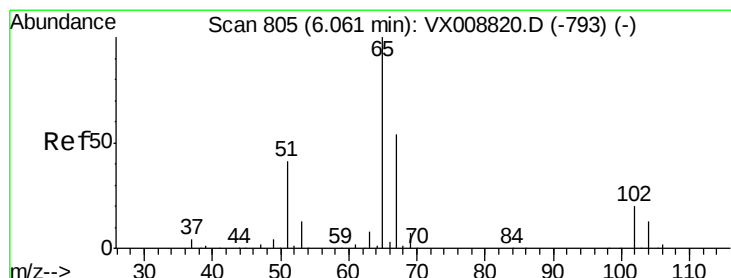
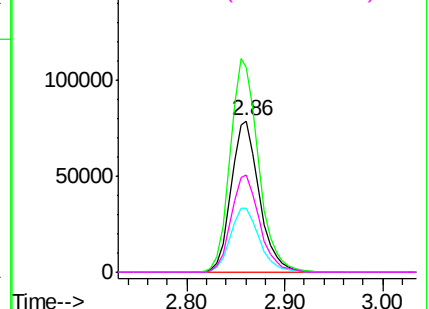
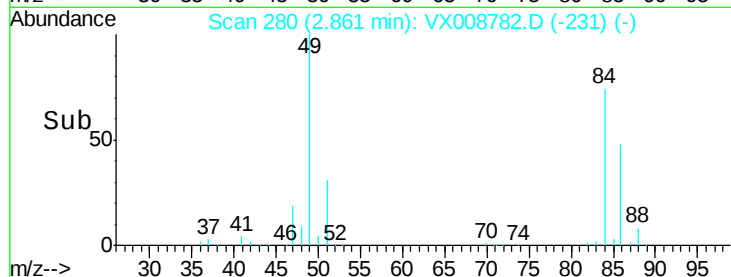


Abundance Ion 83.90 (83.60 to 84.60): VX0

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



#33

1,2-Dichloroethane-d4

Concen: 47.271 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008782.D

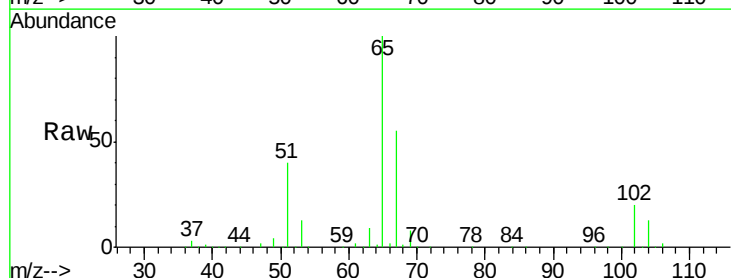
Acq: 09 Apr 2019 19:42

Tgt Ion: 65 Resp: 143264

Ion Ratio Lower Upper

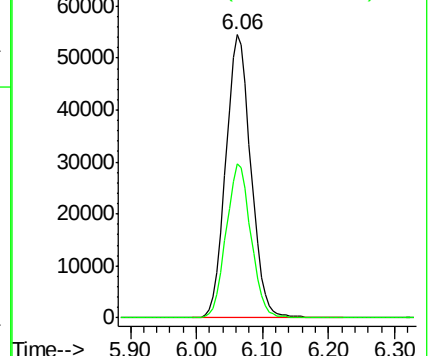
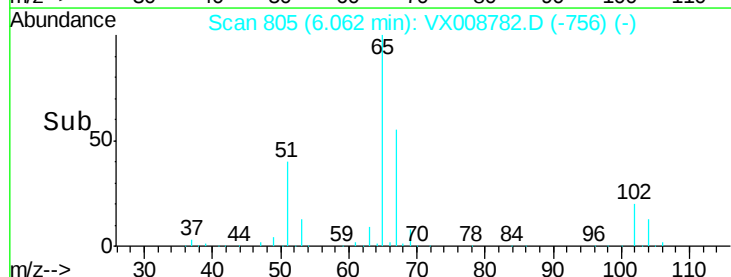
65 100

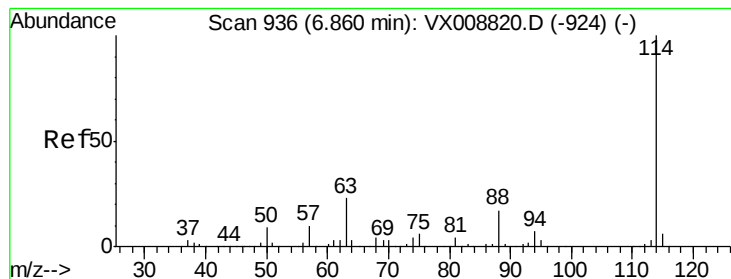
67 53.7 0.0 107.2



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: VX008782.D

Acq: 09 Apr 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

HA-040519

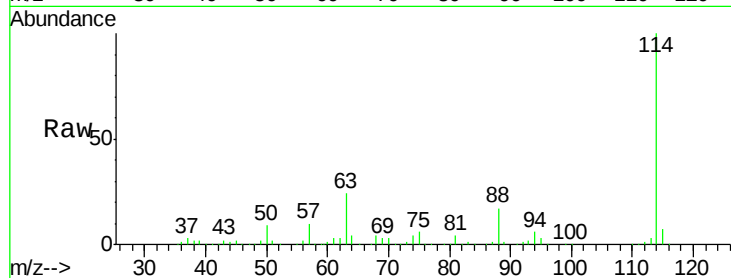
Tot Ion:114 Resp: 346428

Ion Ratio Lower Upper

114 100

63 23.5 0.0 47.2

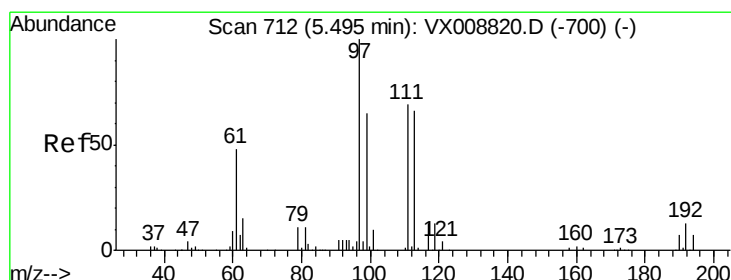
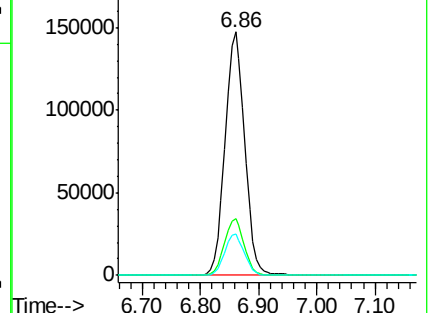
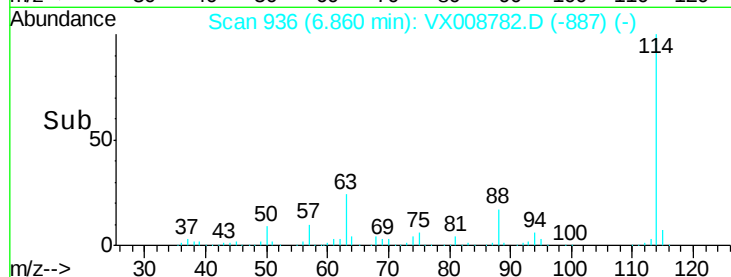
88 16.7 0.0 34.0



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: 47.305 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008782.D

Acq: 09 Apr 2019 19:42

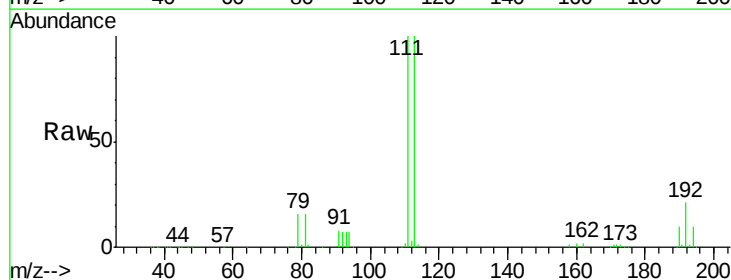
Tgt Ion:113 Resp: 104777

Ion Ratio Lower Upper

113 100

111 102.4 83.4 125.2

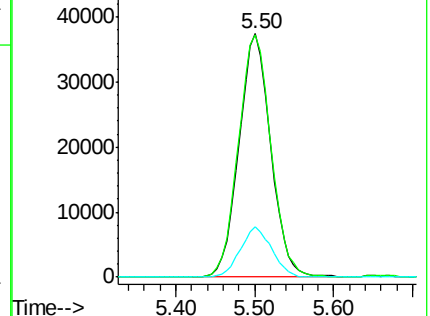
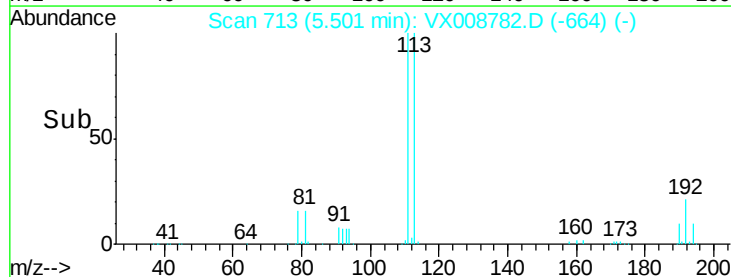
192 20.5 16.1 24.1

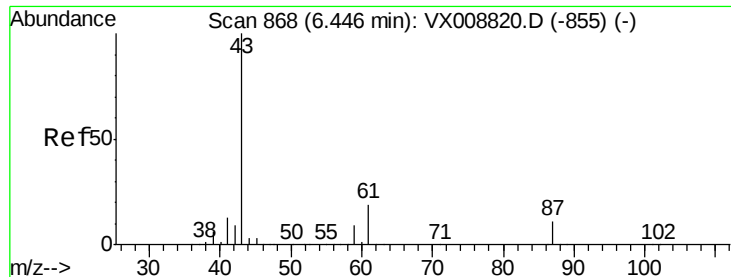


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.619 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX008782.D

Acq: 09 Apr 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

HA-040519

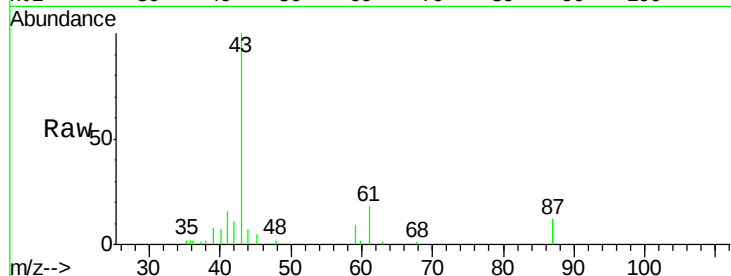
Tot Ion: 43 Resp: 12818

Ion Ratio Lower Upper

43 100

61 19.4 15.3 22.9

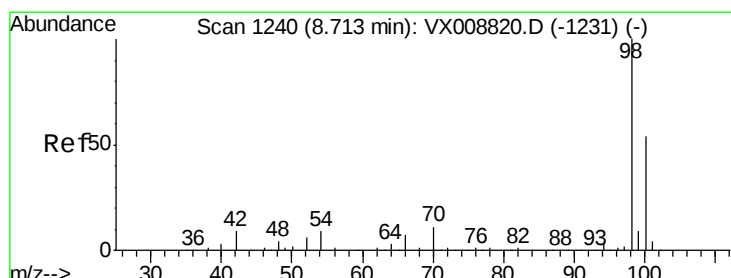
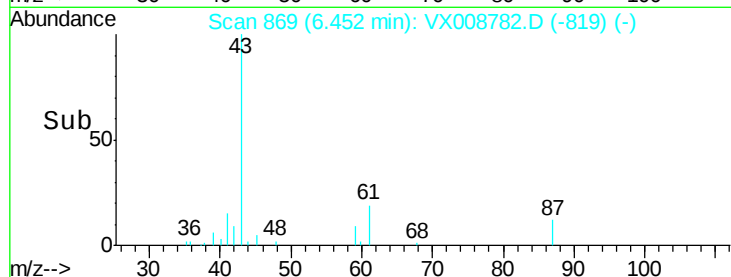
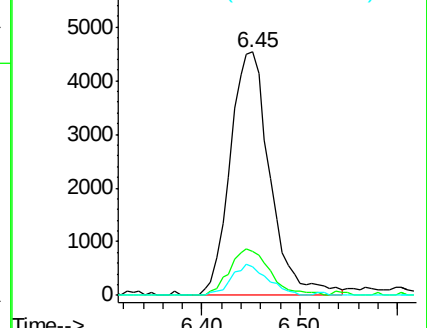
87 11.6 9.0 13.6



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: 49.608 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008782.D

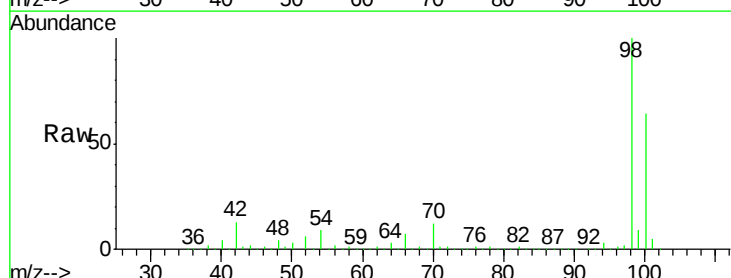
Acq: 09 Apr 2019 19:42

Tgt Ion: 98 Resp: 437507

Ion Ratio Lower Upper

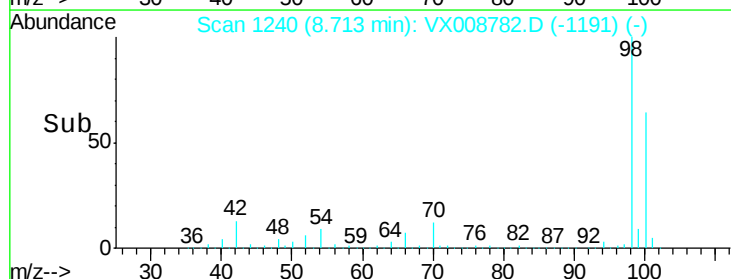
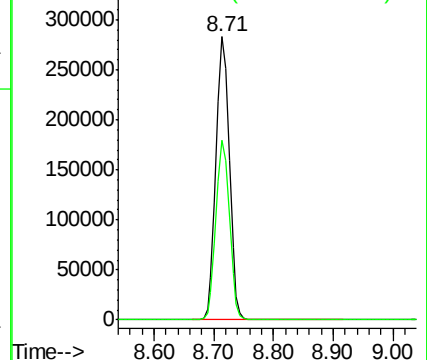
98 100

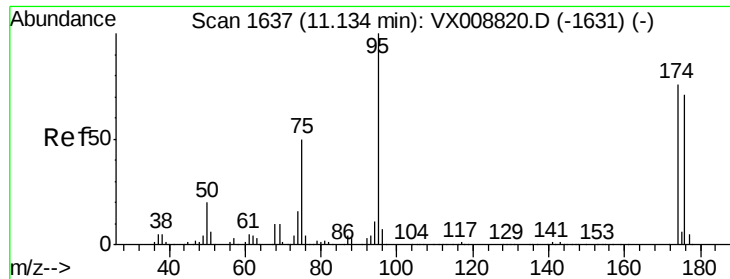
100 63.8 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 47.037 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008782.D

Acq: 09 Apr 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

HA-040519

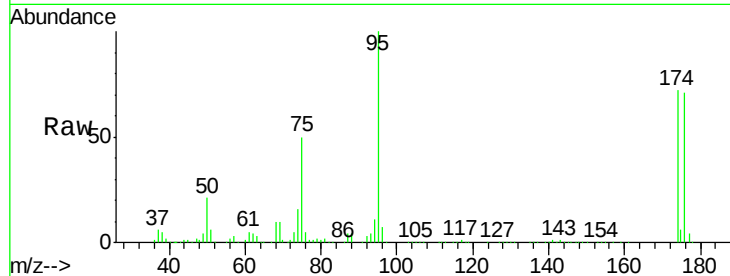
Tot Ion: 95 Resp: 147105

Ion Ratio Lower Upper

95 100

174 77.4 0.0 151.8

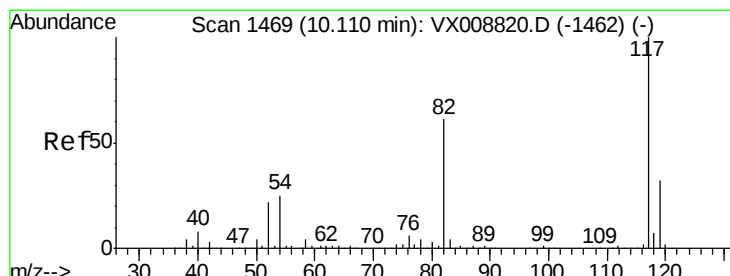
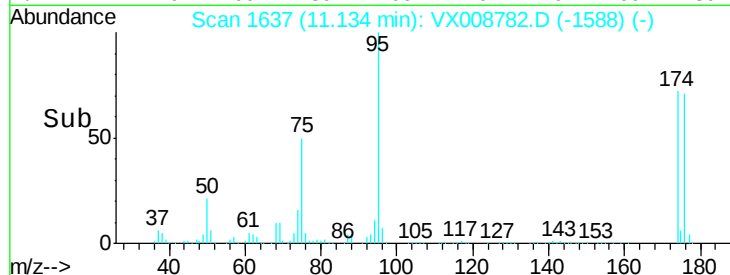
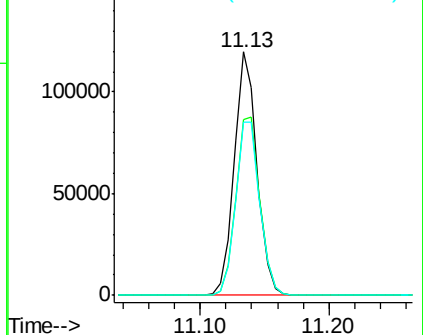
176 75.7 0.0 145.8



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: VX008782.D

Acq: 09 Apr 2019 19:42

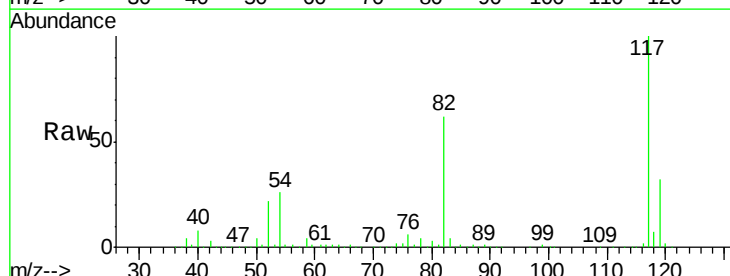
Tgt Ion: 117 Resp: 301405

Ion Ratio Lower Upper

117 100

82 61.6 49.6 74.4

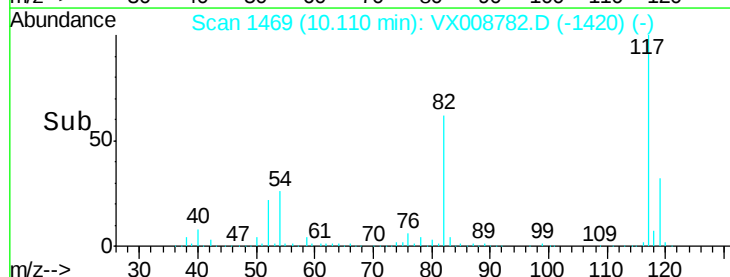
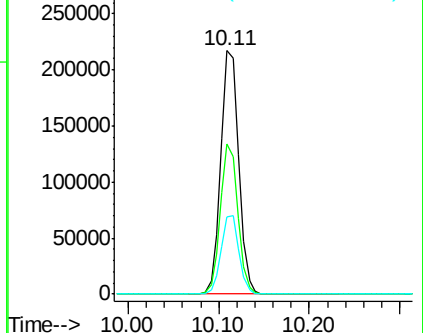
119 31.9 25.0 37.4

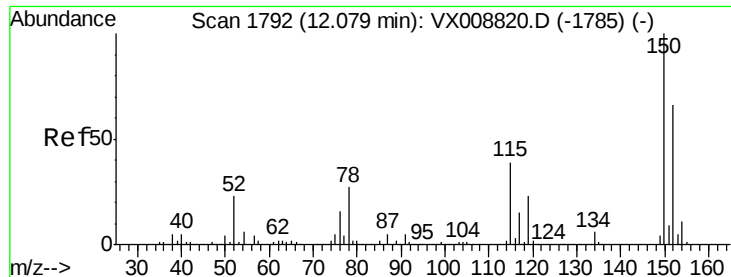


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX008782.D

Acq: 09 Apr 2019 19:42

Instrument :

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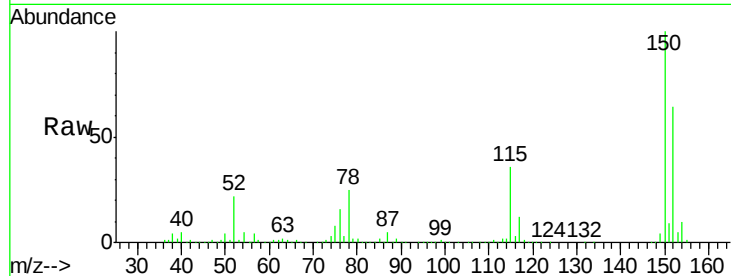
Tot Ion:152 Resp: 129812

Ion Ratio Lower Upper

152 100

115 59.4 43.5 130.5

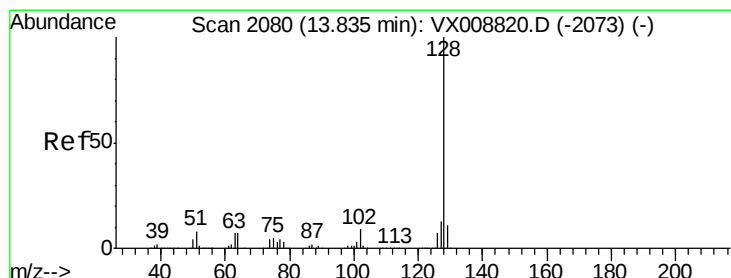
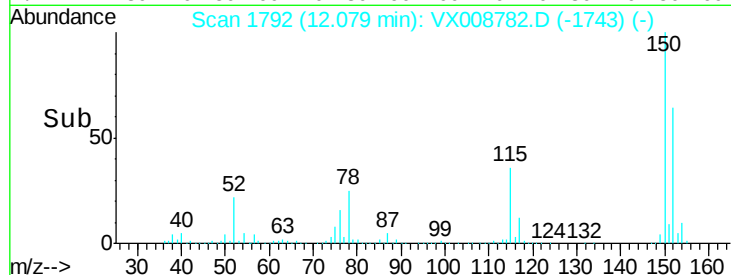
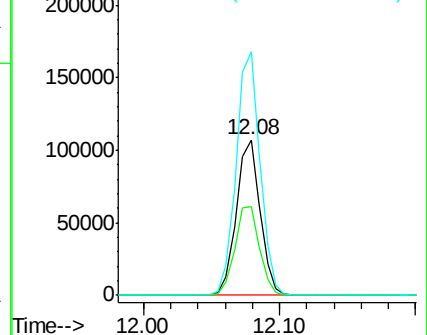
150 158.0 0.0 348.8



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



#95

Naphthalene

Concen: 6.266 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008782.D

Acq: 09 Apr 2019 19:42

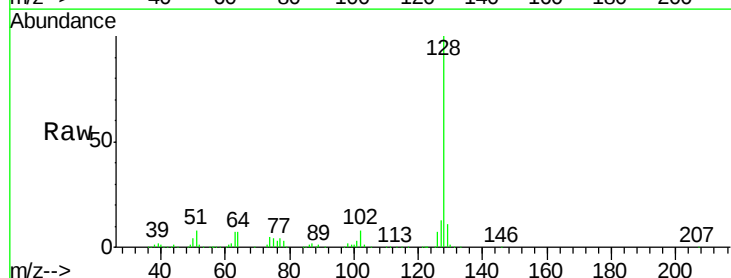
Tgt Ion:128 Resp: 66937

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 11.3 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

