

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072619\
 Data File : VX011121.D
 Acq On : 27 Jul 2019 04:16
 Operator : JC/SP
 Sample : K3614-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BU-03-072419

Quant Time: Jul 27 04:57:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

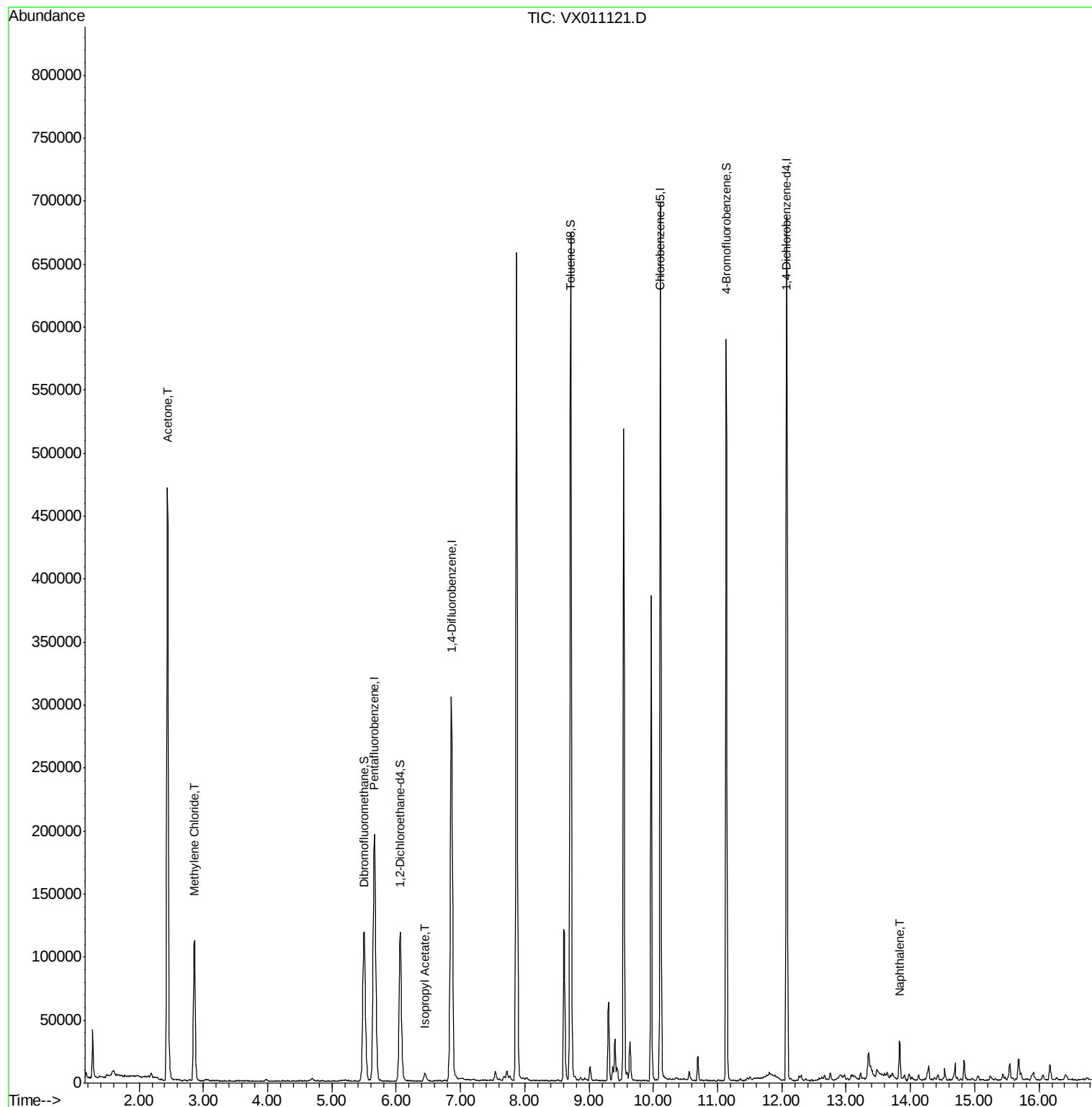
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	200188	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	321284	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	309902	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	148275	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	110474	51.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.74%	
35) Dibromofluoromethane	5.49	113	100926	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.98%	
50) Toluene-d8	8.71	98	398502	52.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.20%	
62) 4-Bromofluorobenzene	11.13	95	142223	50.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.18%	
Target Compounds						
16) Acetone	2.44	43	489355	508.752	ug/l	96
20) Methylene Chloride	2.86	84	55017	26.990	ug/l	98
43) Isopropyl Acetate	6.45	43	8435	1.898	ug/l #	90
95) Naphthalene	13.83	128	19264	2.025	ug/l	97

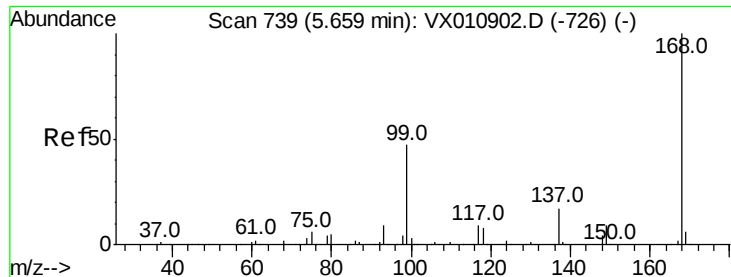
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :
BU-03-072419

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011121.D

Acq: 27 Jul 2019 04:16

Instrument :

MSVOA_X

ClientSampleId :

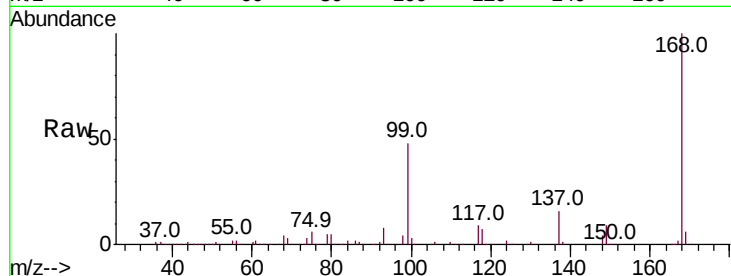
BU-03-072419

Tot Ion:168 Resp: 200188

Ion Ratio Lower Upper

168 100

99 48.2 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

80000

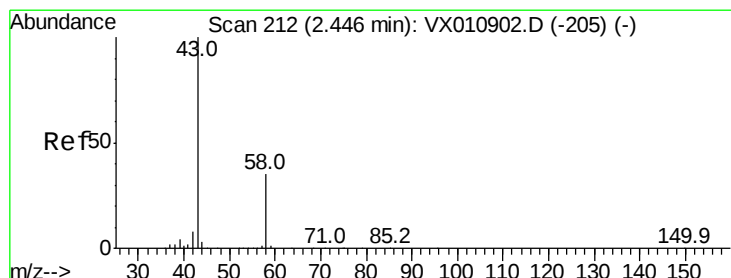
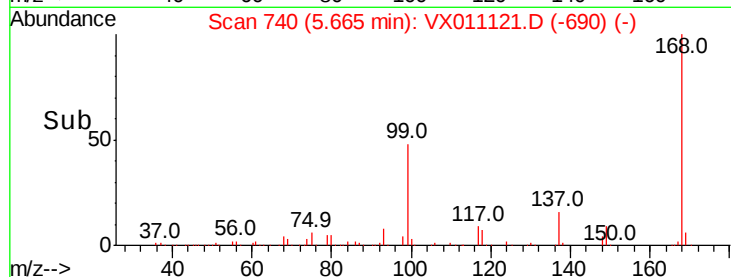
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 508.752 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011121.D

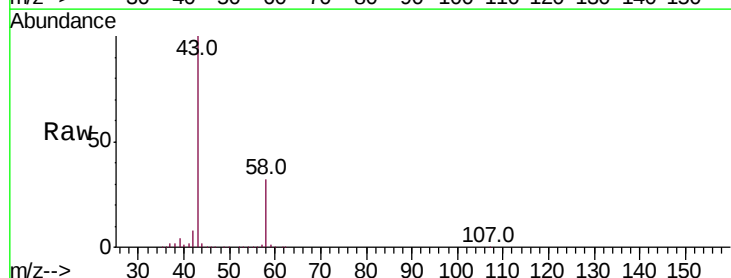
Acq: 27 Jul 2019 04:16

Tgt Ion: 43 Resp: 489355

Ion Ratio Lower Upper

43 100

58 32.4 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

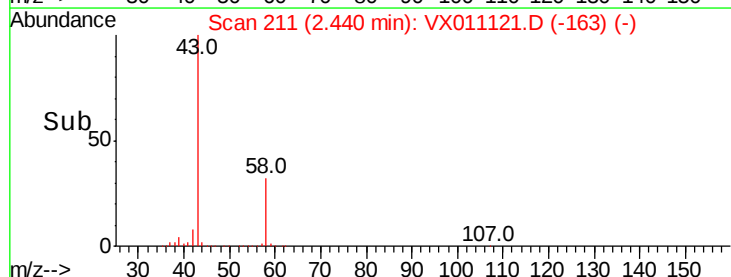
300000

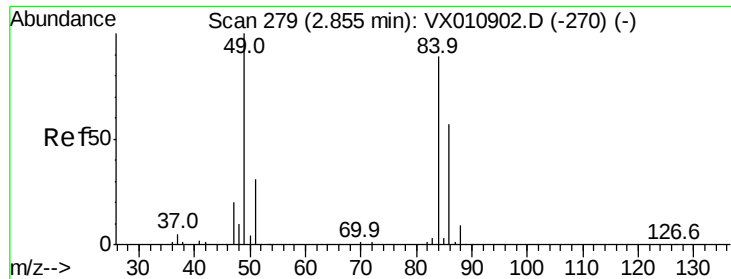
200000

100000

0

Time--> 2.40 2.50

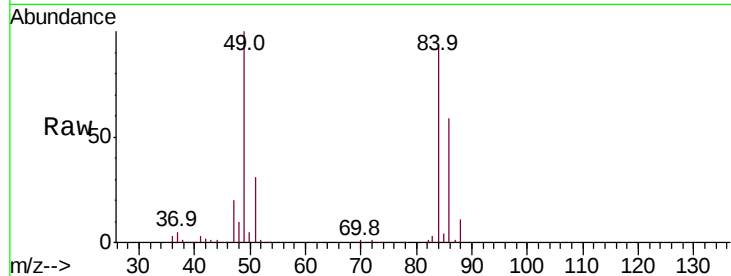




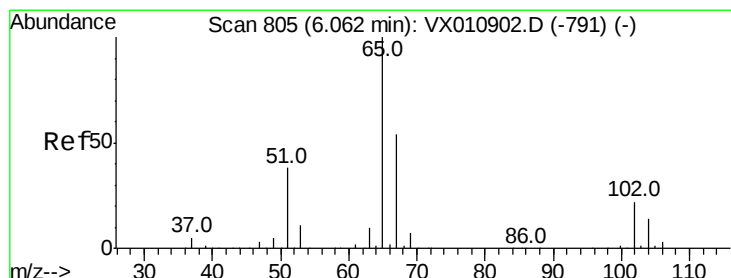
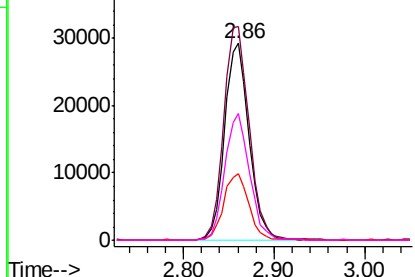
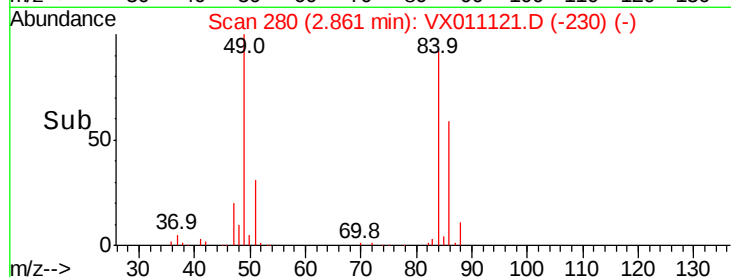
#20
Methylene Chloride
Concen: 26.990 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX011121.D
Acq: 27 Jul 2019 04:16

Instrument :
MSVOA_X
ClientSampleId :
BU-03-072419

Tot Ion: 84 Resp: 55017
Ion Ratio Lower Upper
84 100
49 108.2 89.9 134.9
51 34.1 27.8 41.6
86 64.3 51.8 77.6

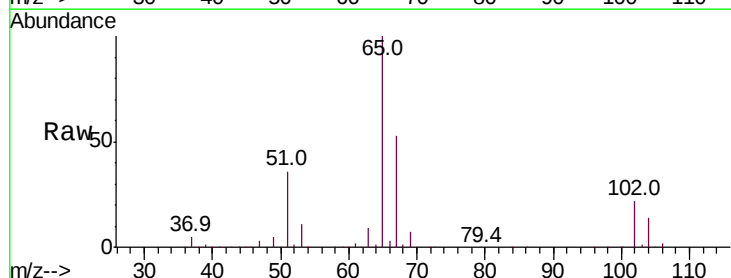


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

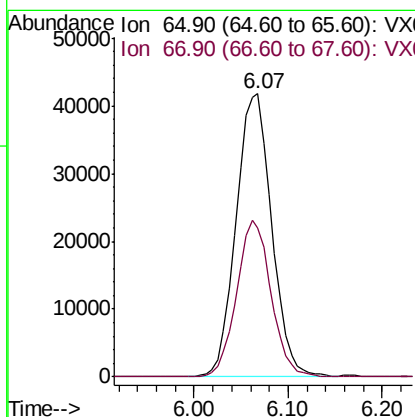
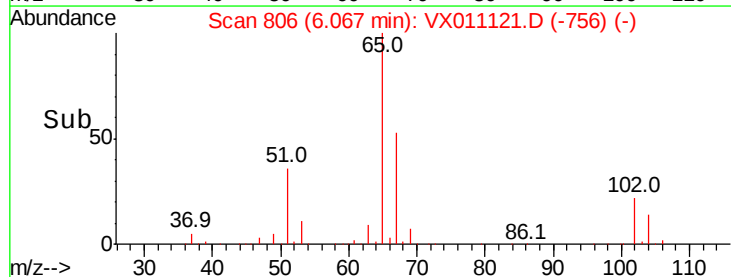


#33
1,2-Dichloroethane-d4
Concen: 51.873 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX011121.D
Acq: 27 Jul 2019 04:16

Tgt Ion: 65 Resp: 110474
Ion Ratio Lower Upper
65 100
67 53.6 0.0 107.8



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: VX011121.D

Acq: 27 Jul 2019 04:16

Instrument :

MSVOA_X

ClientSampleId :

BU-03-072419

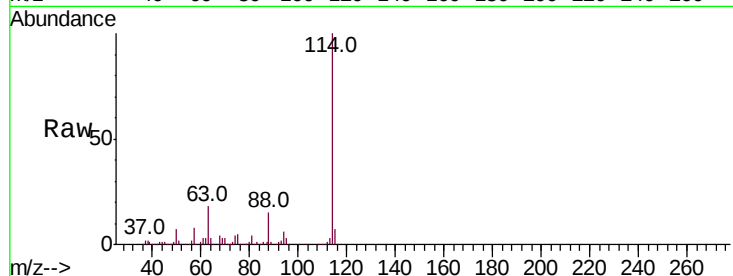
Tot Ion:114 Resp: 321284

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.6

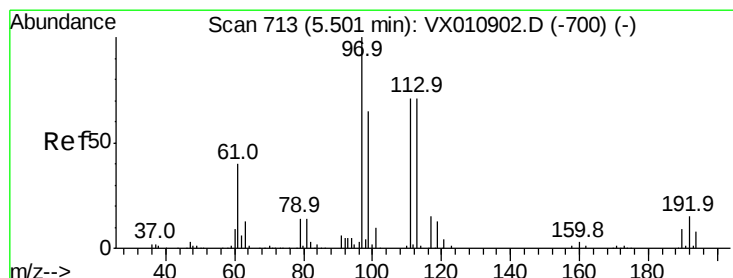
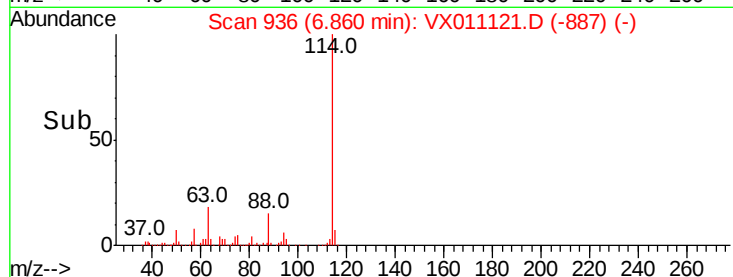
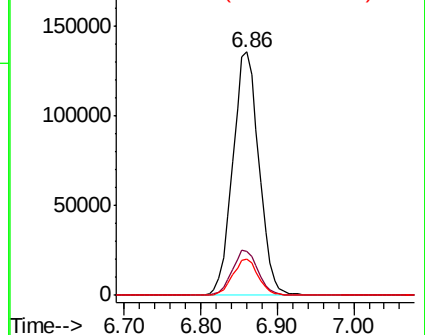
88 14.8 0.0 29.8



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: 49.492 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX011121.D

Acq: 27 Jul 2019 04:16

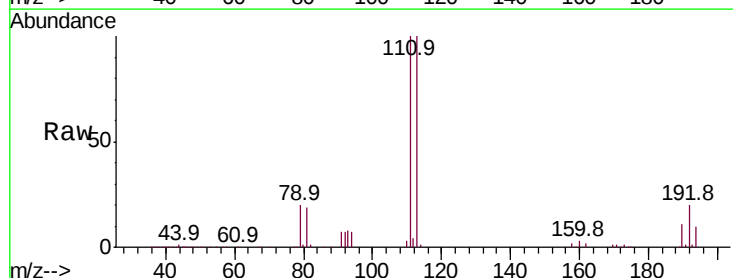
Tgt Ion:113 Resp: 100926

Ion Ratio Lower Upper

113 100

111 101.0 82.3 123.5

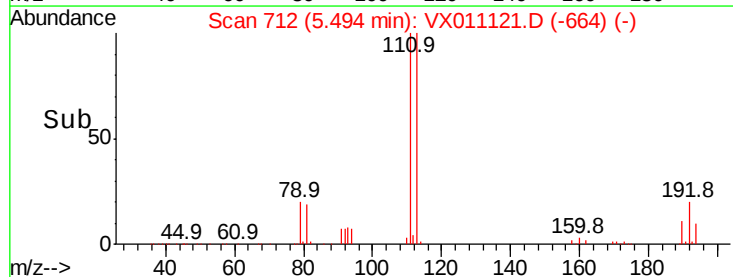
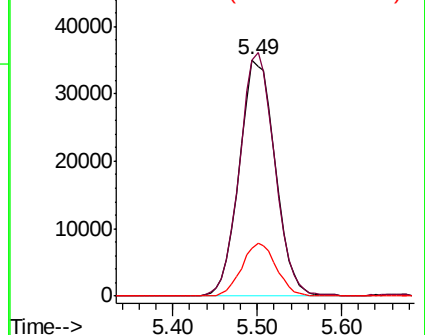
192 21.6 17.4 26.2

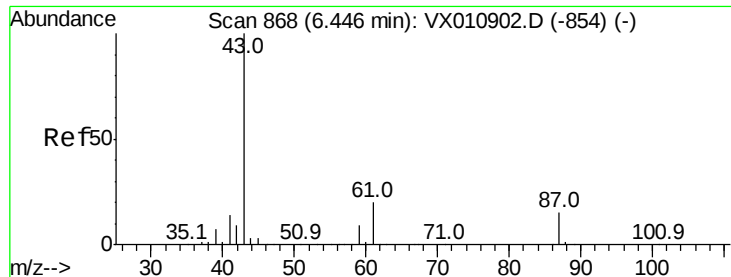


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.898 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX011121.D

Acq: 27 Jul 2019 04:16

Instrument :

MSVOA_X

ClientSampleId :

BU-03-072419

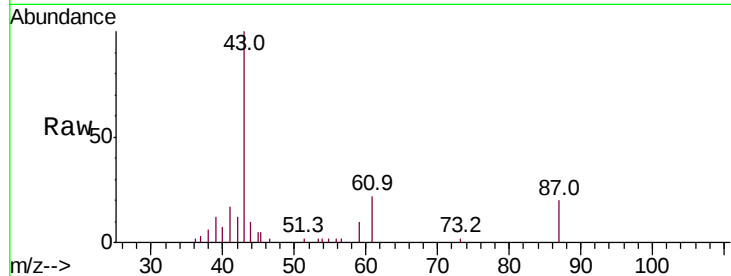
Tot Ion: 43 Resp: 8435

Ion Ratio Lower Upper

43 100

61 27.1 17.1 25.7#

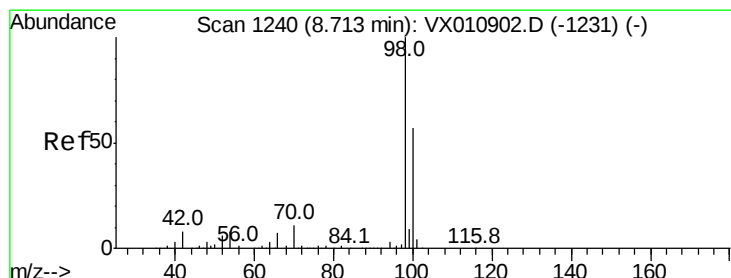
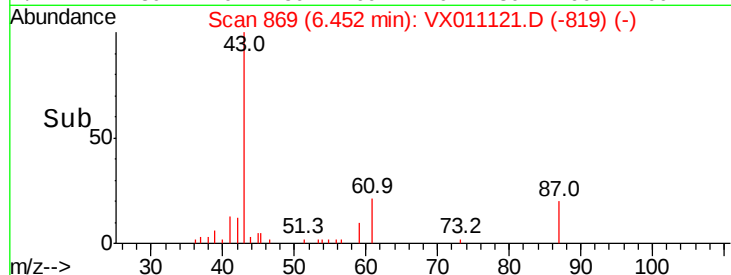
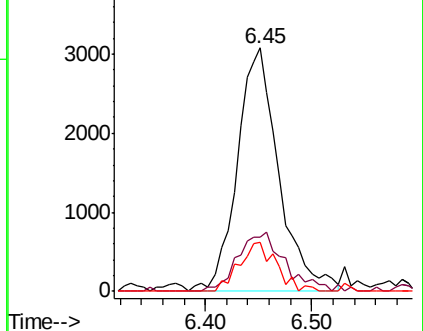
87 17.9 12.0 18.0



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: 52.102 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011121.D

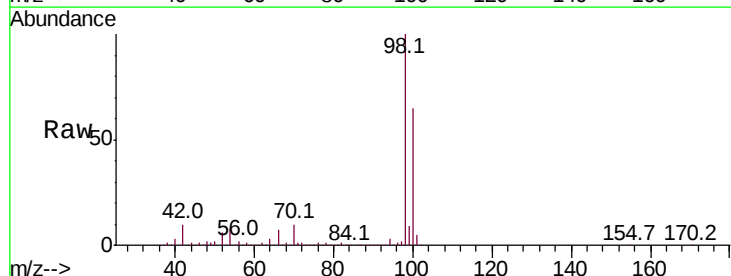
Acq: 27 Jul 2019 04:16

Tgt Ion: 98 Resp: 398502

Ion Ratio Lower Upper

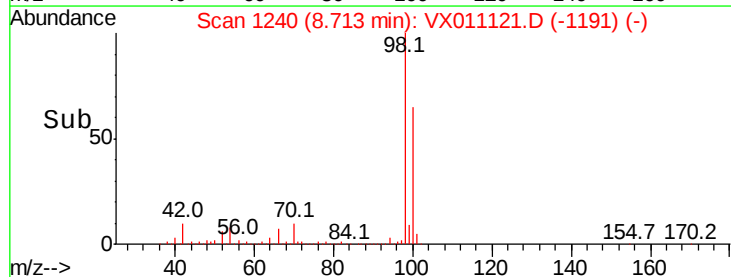
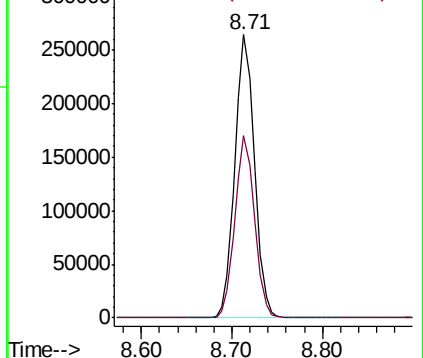
98 100

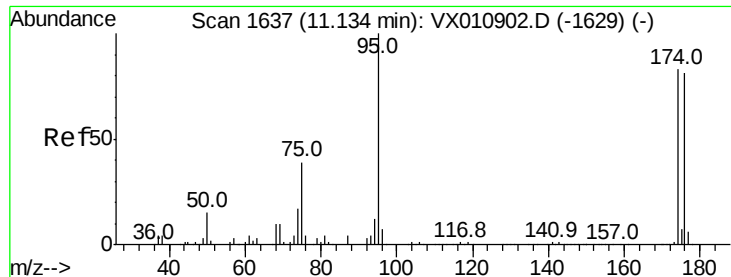
100 64.2 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 50.589 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011121.D

Acq: 27 Jul 2019 04:16

Instrument :

MSVOA_X

ClientSampleId :

BU-03-072419

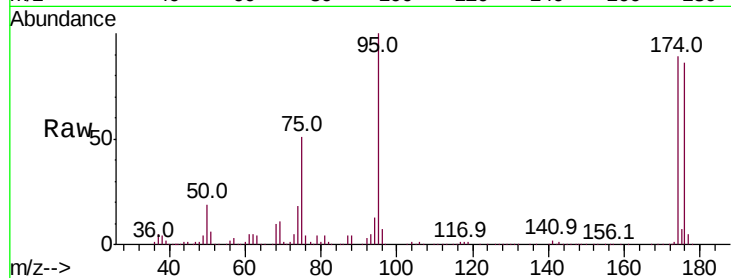
Tot Ion: 95 Resp: 142223

Ion Ratio Lower Upper

95 100

174 91.2 0.0 180.6

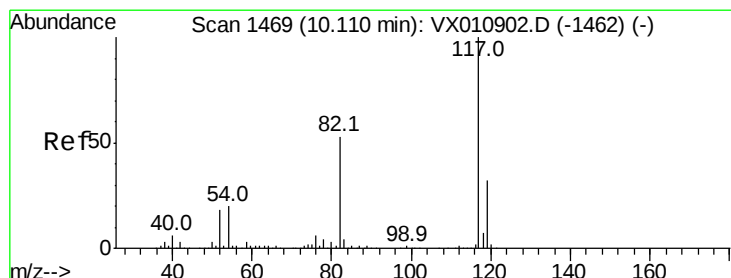
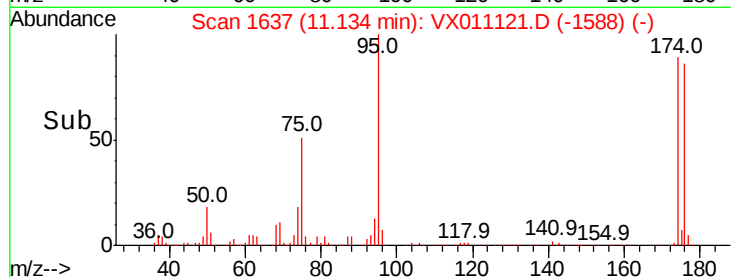
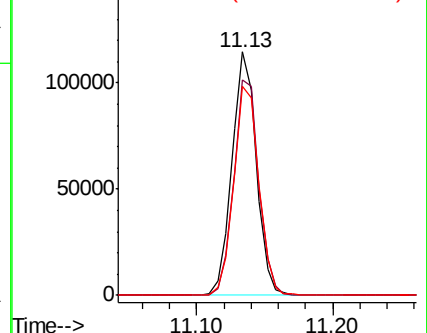
176 89.0 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX010902.D (-1629) (-)

Ion 173.80 (173.50 to 174.50): VX010902.D (-1629) (-)

Ion 175.80 (175.50 to 176.50): VX010902.D (-1629) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011121.D

Acq: 27 Jul 2019 04:16

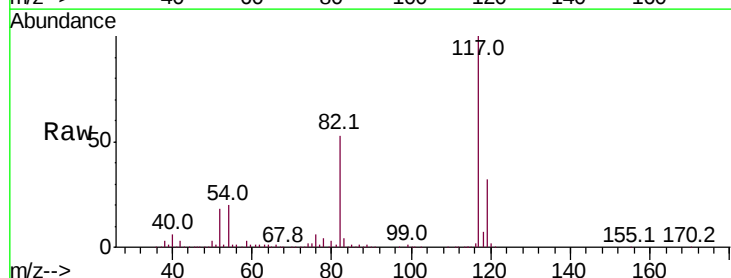
Tgt Ion: 117 Resp: 309902

Ion Ratio Lower Upper

117 100

82 52.7 42.6 63.8

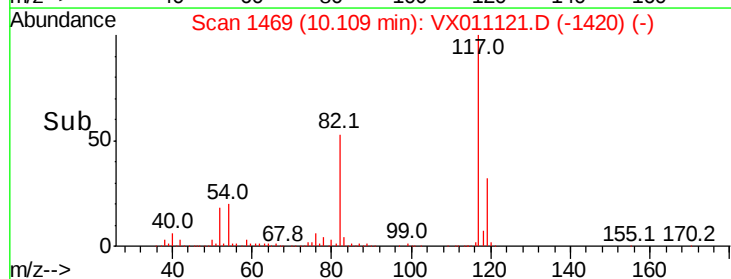
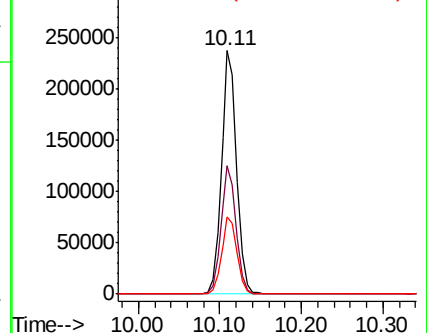
119 31.8 25.9 38.9

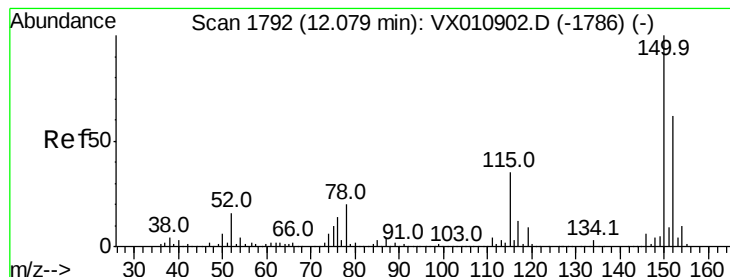


Abundance Ion 116.90 (116.60 to 117.60): VX010902.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010902.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010902.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: VX011121.D

Acq: 27 Jul 2019 04:16

Instrument :

MSVOA_X

ClientSampleId :

BU-03-072419

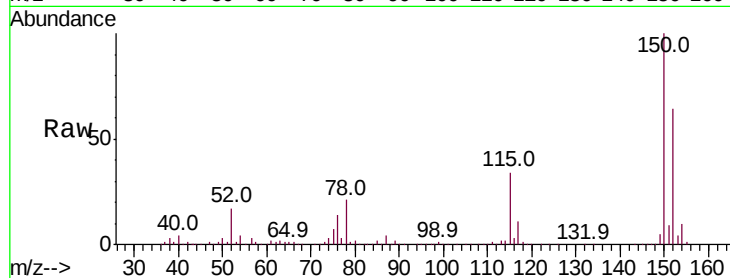
Tot Ion:152 Resp: 148275

Ion Ratio Lower Upper

152 100

115 56.0 39.7 119.1

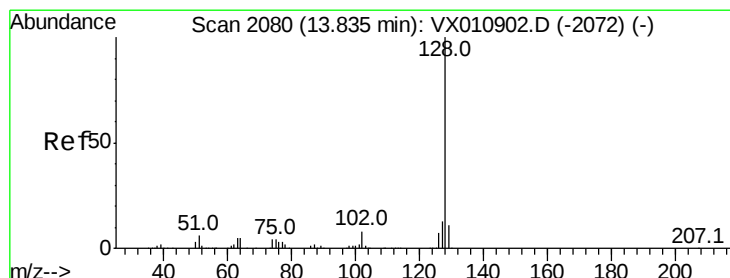
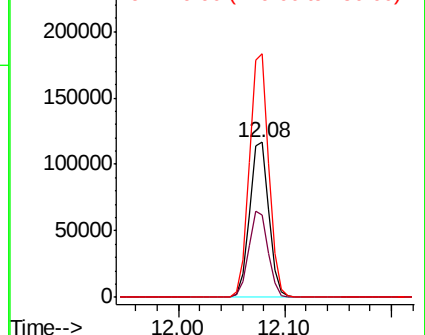
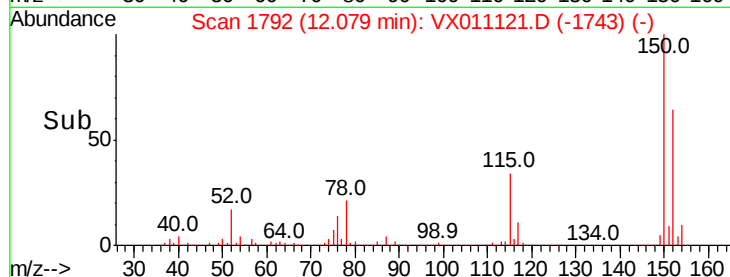
150 157.6 0.0 345.6



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: 2.025 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX011121.D

Acq: 27 Jul 2019 04:16

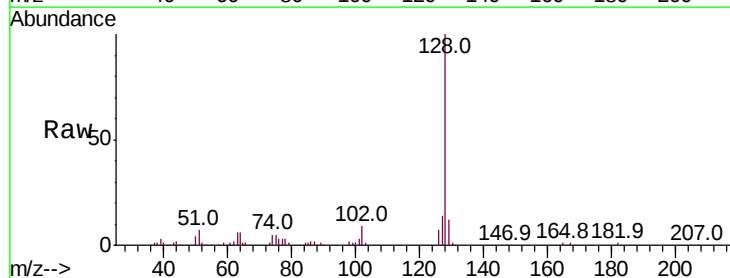
Tgt Ion:128 Resp: 19264

Ion Ratio Lower Upper

128 100

127 14.6 10.4 15.6

129 11.8 8.9 13.3



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

