

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012619\
 Data File : VX007245.D
 Acq On : 25 Jan 2019 22:28
 Operator : JC/SP
 Sample : K1015-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SU-04-012419-A

Quant Time: Jan 28 01:27:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

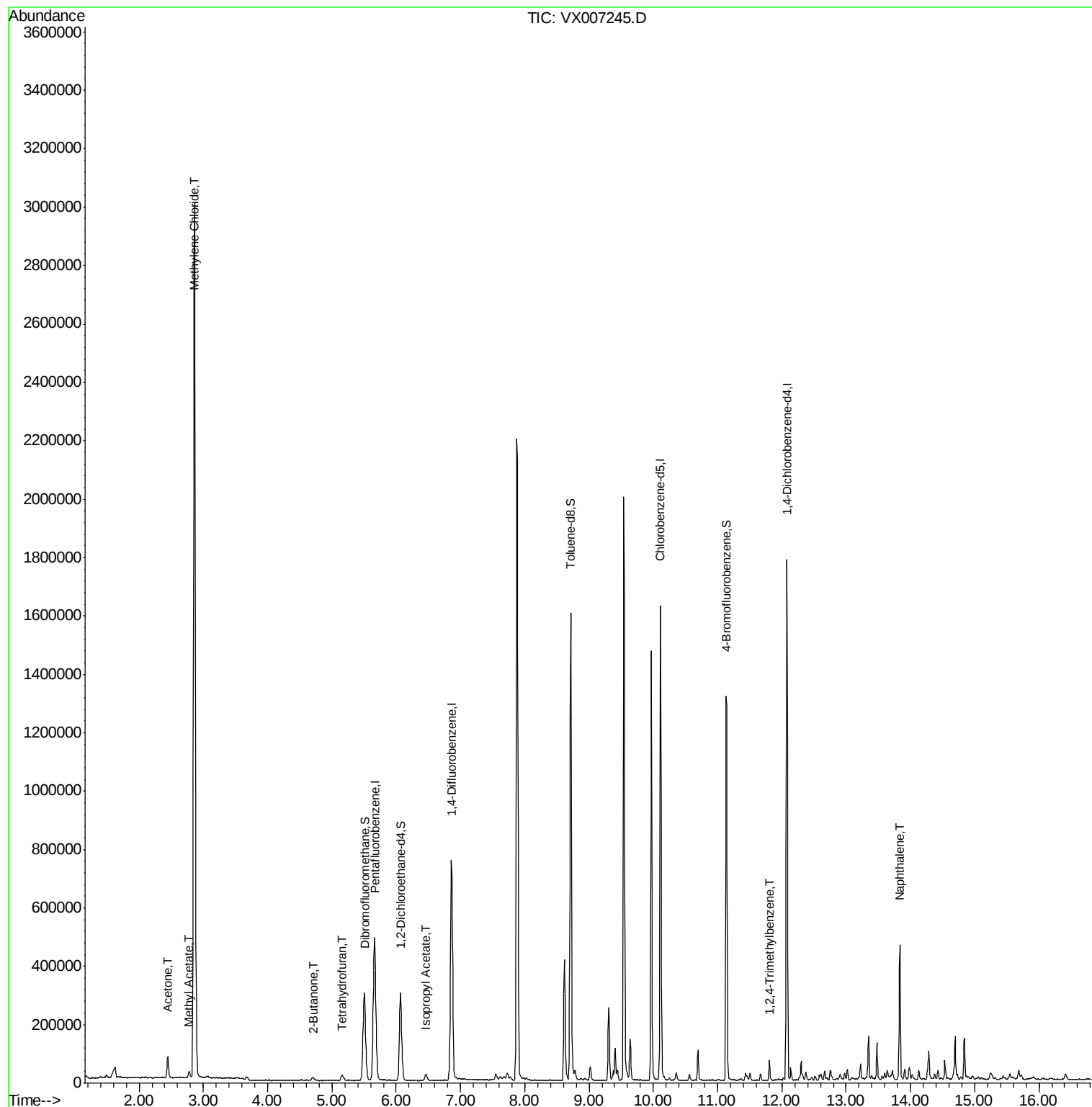
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	512288	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	796246	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	777082	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	383697	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	275485	51.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.92%	
35) Dibromofluoromethane	5.51	113	248962	48.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.64%	
50) Toluene-d8	8.71	98	983325	52.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.36%	
62) 4-Bromofluorobenzene	11.13	95	347274	53.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.74%	
Target Compounds						
16) Acetone	2.45	43	78558	29.681	ug/l	97
18) Methyl Acetate	2.78	43	31308	4.085	ug/l	95
20) Methylene Chloride	2.86	84	1399984	280.707	ug/l	94
25) 2-Butanone	4.70	43	18506	4.887	ug/l	98
29) Tetrahydrofuran	5.17	42	16859	6.850	ug/l	91
43) Isopropyl Acetate	6.46	43	28111	2.401	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	31011	1.364	ug/l	100
95) Naphthalene	13.83	128	289834	10.484	ug/l	98

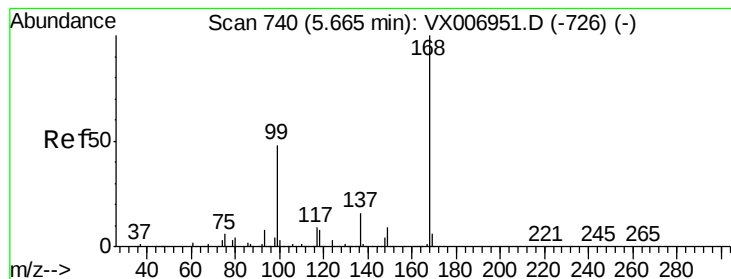
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
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: VX007245.D

Acq: 25 Jan 2019 22:28

Instrument :

MSVOA_X

ClientSampleId :

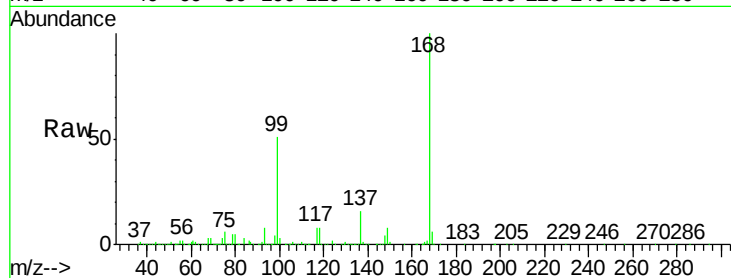
SU-04-012419-A

Tot Ion:168 Resp: 512288

Ion Ratio Lower Upper

168 100

99 50.7 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

150000

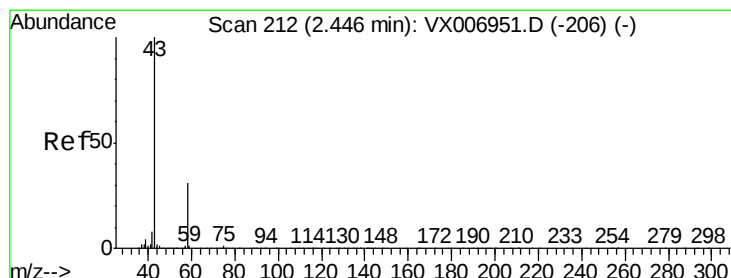
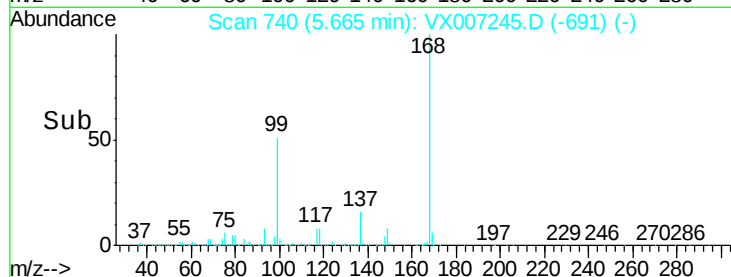
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 29.681 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007245.D

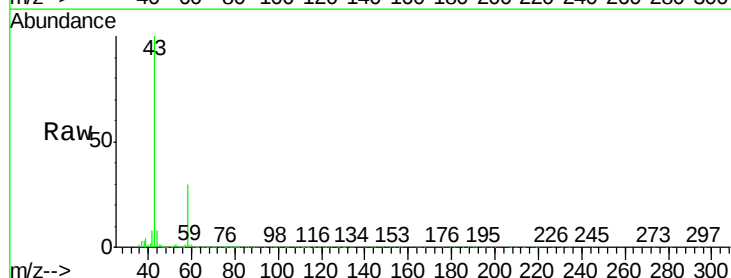
Acq: 25 Jan 2019 22:28

Tgt Ion: 43 Resp: 78558

Ion Ratio Lower Upper

43 100

58 29.8 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

50000

40000

30000

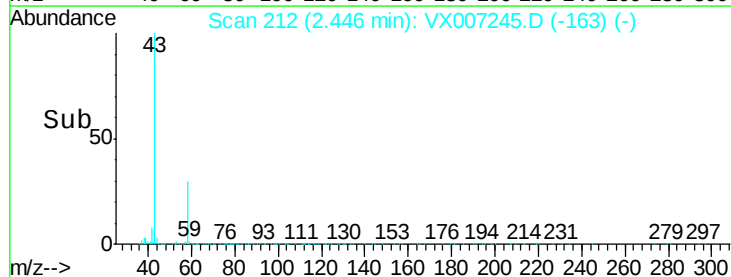
20000

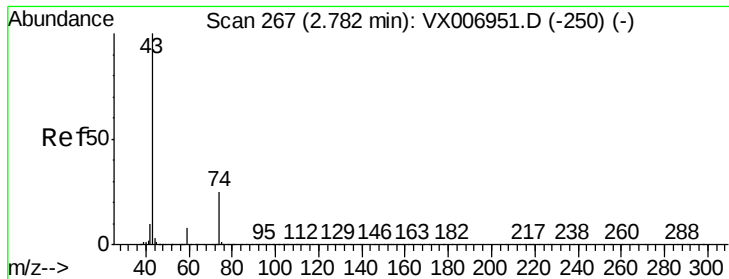
10000

0

Time-->

2.35 2.40 2.45 2.50





#18

Methyl Acetate

Concen: 4.085 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX007245.D

Acq: 25 Jan 2019 22:28

Instrument :

MSVOA_X

ClientSampleId :

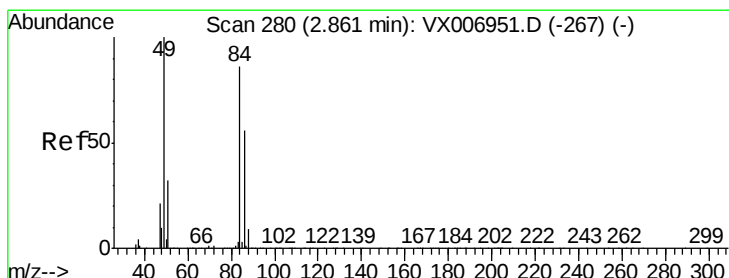
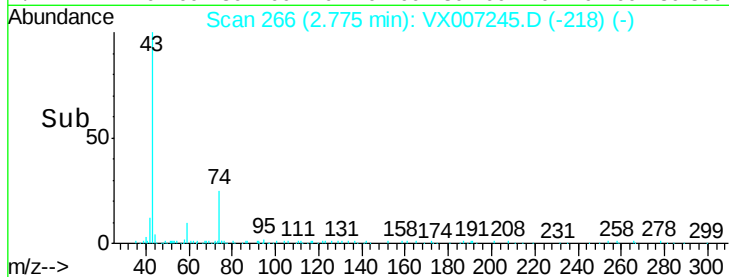
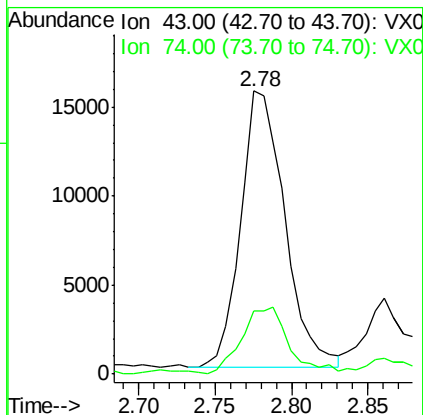
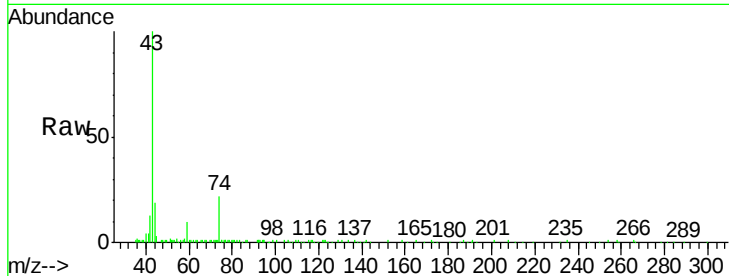
SU-04-012419-A

Tot Ion: 43 Resp: 31308

Ion Ratio Lower Upper

43 100

74 25.7 18.6 28.0



#20

Methylene Chloride

Concen: 280.707 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX007245.D

Acq: 25 Jan 2019 22:28

Tgt Ion: 84 Resp: 1399984

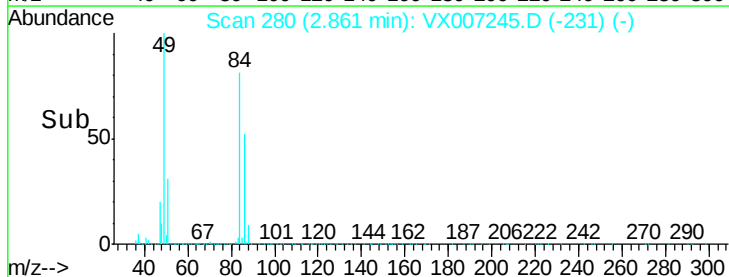
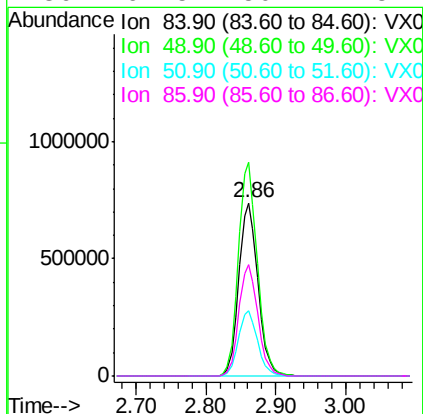
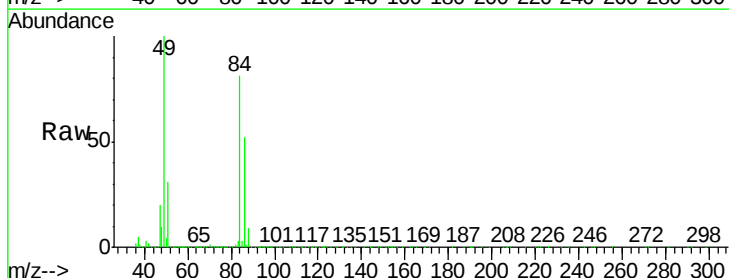
Ion Ratio Lower Upper

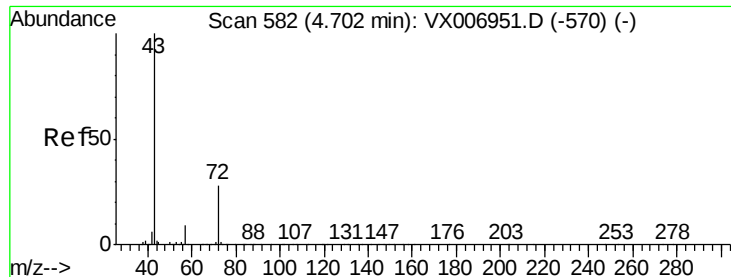
84 100

49 123.3 91.8 137.6

51 38.0 28.5 42.7

86 64.5 50.2 75.2





#25

2-Butanone

Concen: 4.887 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX007245.D

Acq: 25 Jan 2019 22:28

Instrument :

MSVOA_X

ClientSampleId :

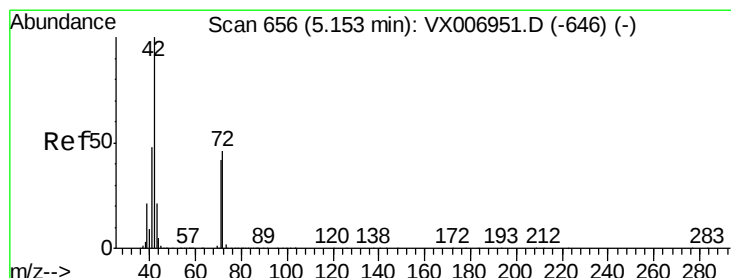
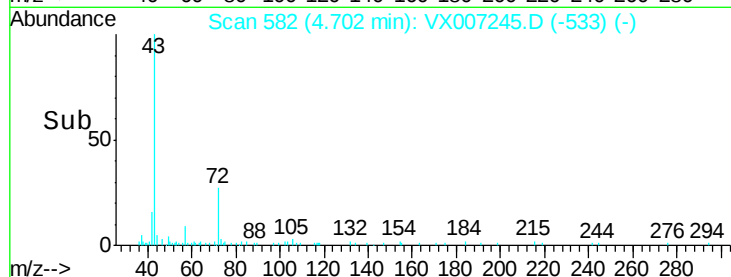
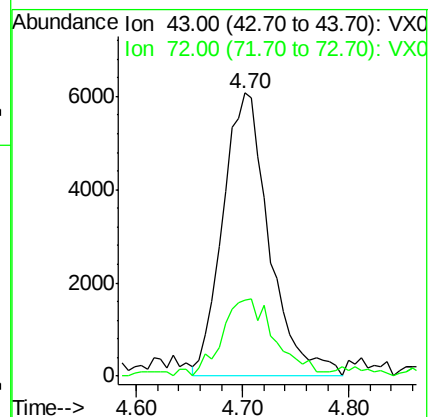
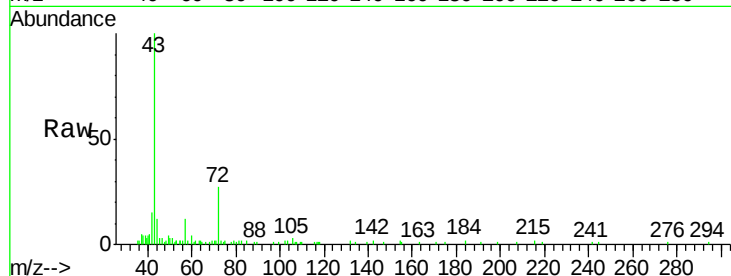
SU-04-012419-A

Tot Ion: 43 Resp: 18506

Ion Ratio Lower Upper

43 100

72 27.0 22.4 33.6



#29

Tetrahydrofuran

Concen: 6.850 ug/l

RT: 5.17 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX007245.D

Acq: 25 Jan 2019 22:28

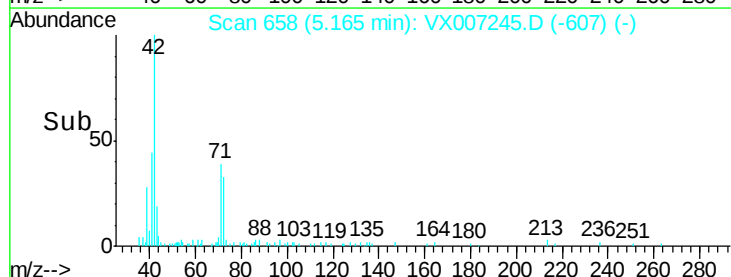
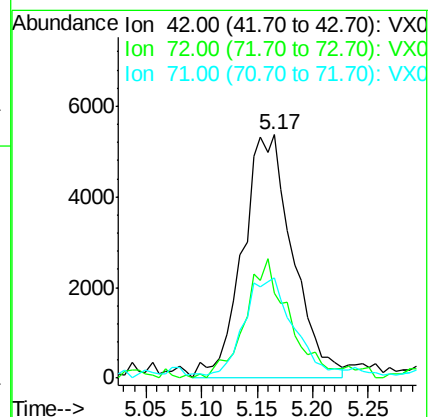
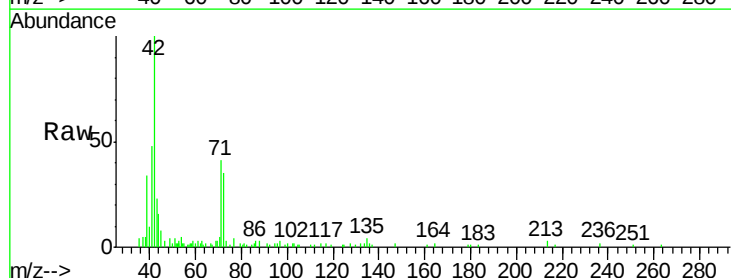
Tgt Ion: 42 Resp: 16859

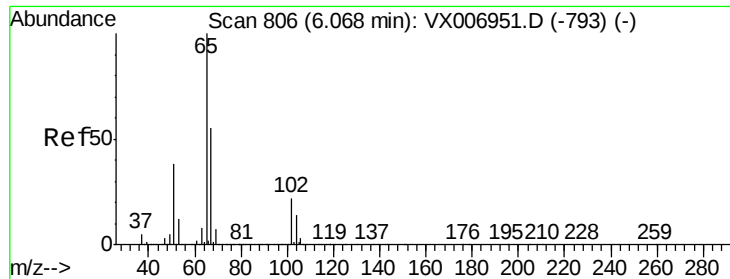
Ion Ratio Lower Upper

42 100

72 43.4 38.9 58.3

71 38.7 36.2 54.4

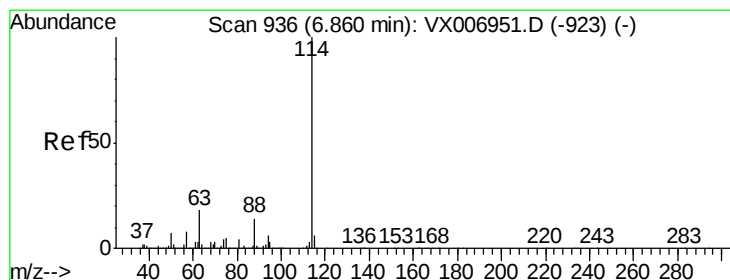
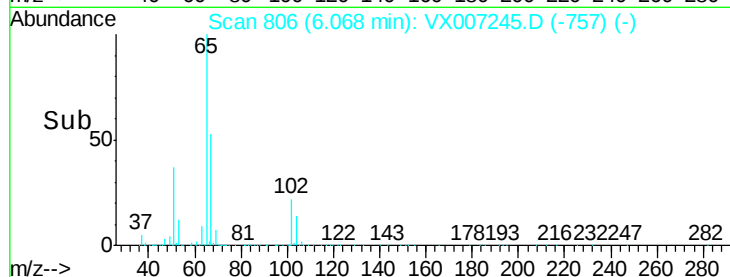
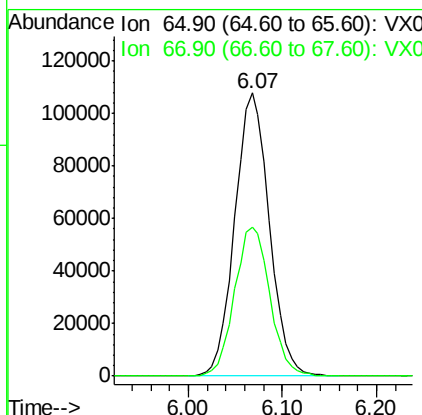
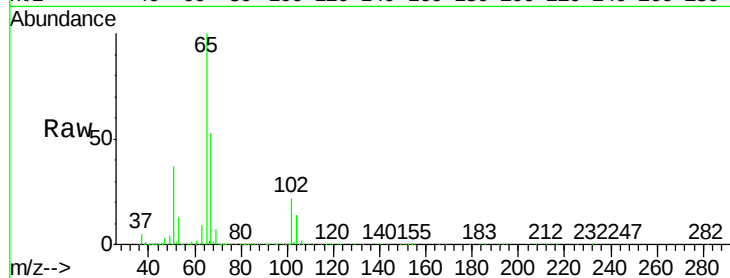




#33
 1,2-Dichloroethane-d4
 Concen: 51.456 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007245.D
 Acq: 25 Jan 2019 22:28

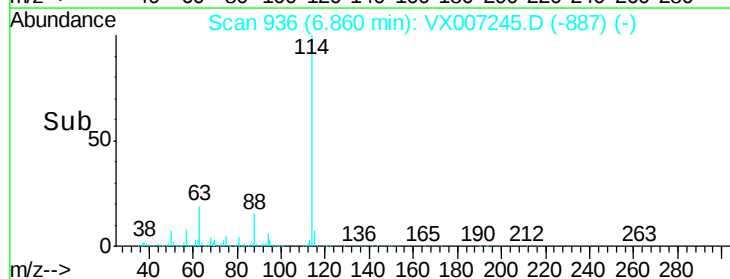
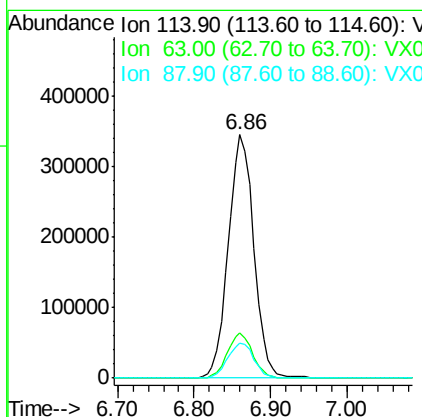
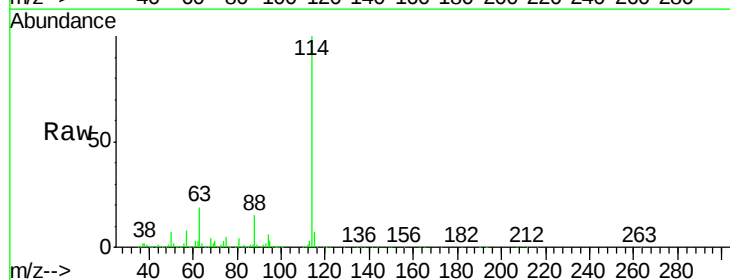
Instrument :
 MSVOA_X
 ClientSampleId :
 SU-04-012419-A

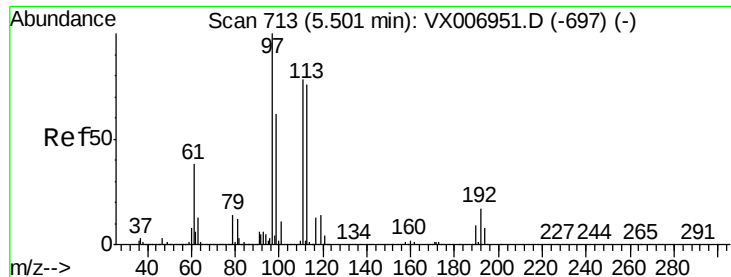
Tot Ion: 65 Resp: 275485
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007245.D
 Acq: 25 Jan 2019 22:28

Tgt Ion: 114 Resp: 796246
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 34.8
 88 14.6 0.0 28.8





#35

Dibromofluoromethane

Concen: 48.825 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007245.D

Acq: 25 Jan 2019 22:28

Instrument :

MSVOA_X

ClientSampleId :

SU-04-012419-A

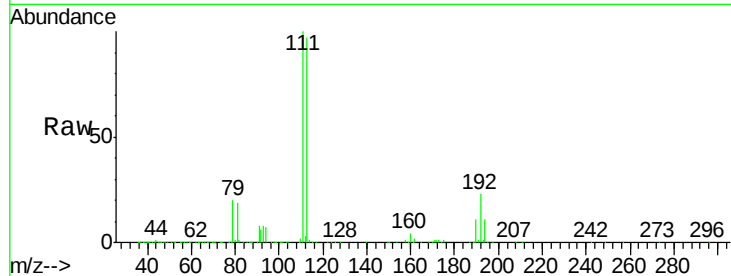
Tot Ion:113 Resp: 248962

Ion Ratio Lower Upper

113 100

111 101.6 81.6 122.4

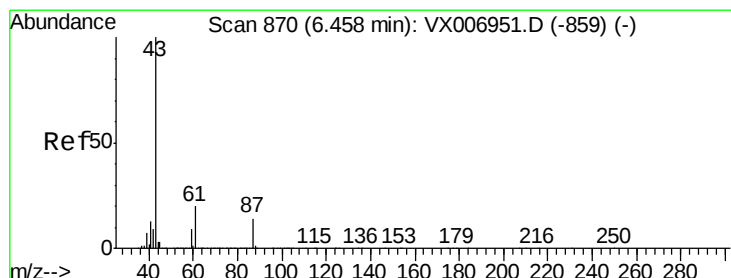
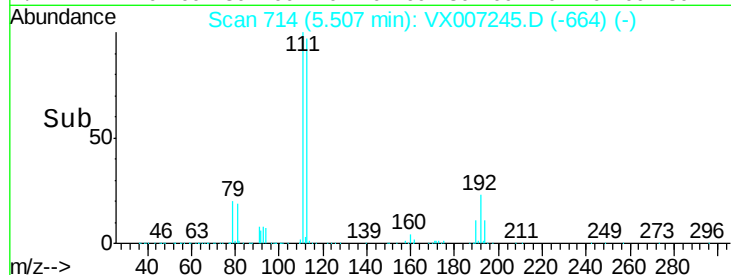
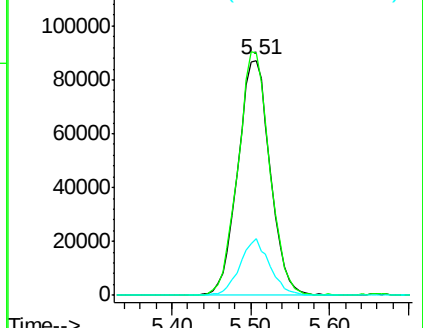
192 22.1 16.7 25.1



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: 2.401 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007245.D

Acq: 25 Jan 2019 22:28

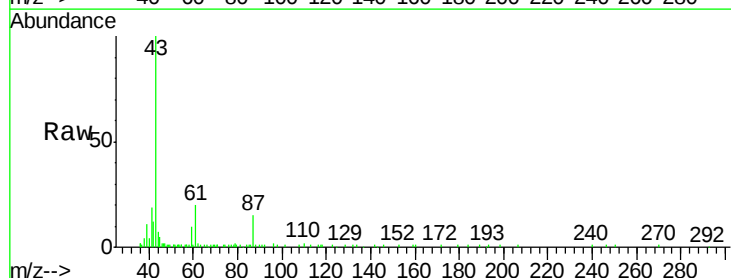
Tgt Ion: 43 Resp: 28111

Ion Ratio Lower Upper

43 100

61 21.4 16.8 25.2

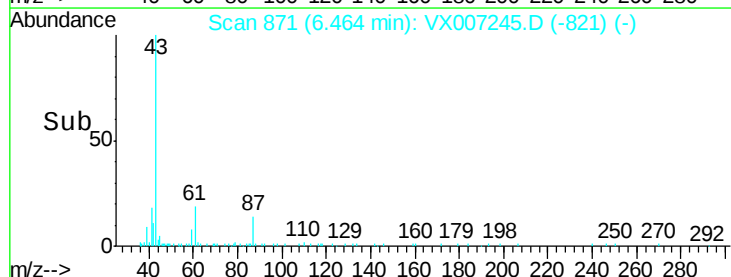
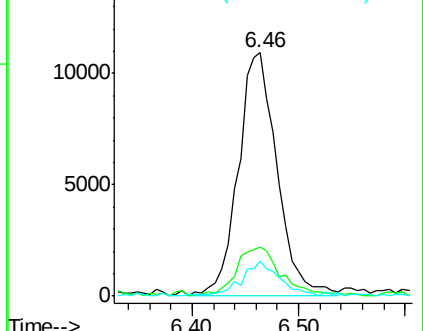
87 14.1 12.4 18.6

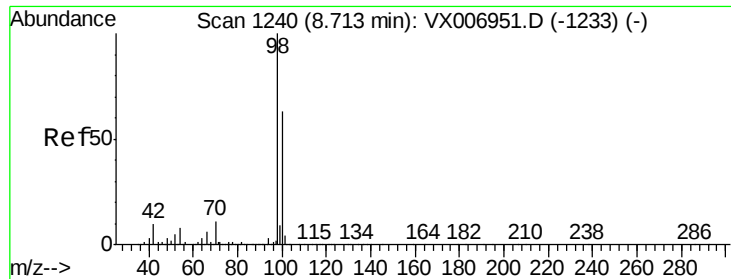


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 52.685 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007245.D

Acq: 25 Jan 2019 22:28

Instrument :

MSVOA_X

ClientSampleId :

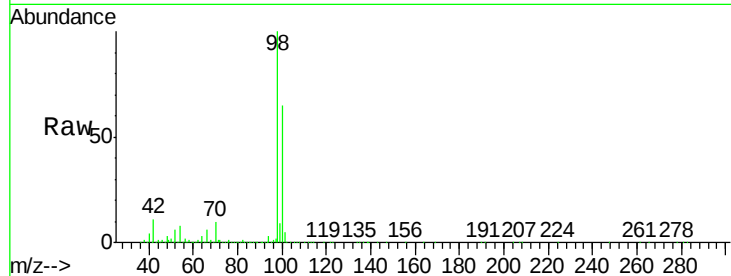
SU-04-012419-A

Tot Ion: 98 Resp: 983325

Ion Ratio Lower Upper

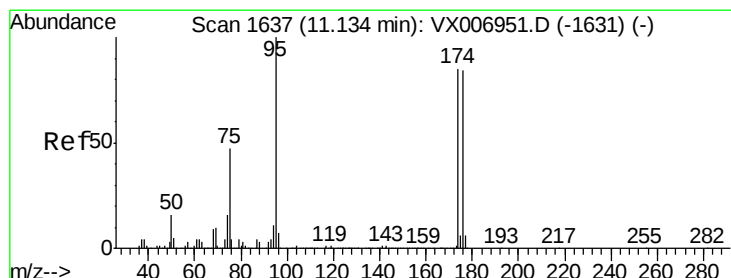
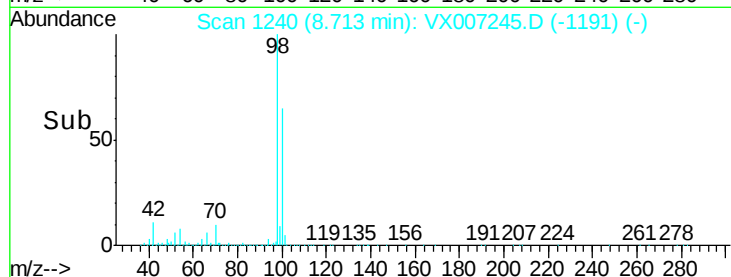
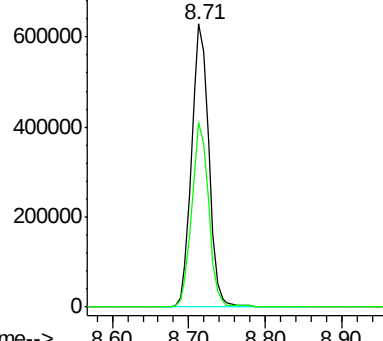
98 100

100 64.0 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 53.371 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007245.D

Acq: 25 Jan 2019 22:28

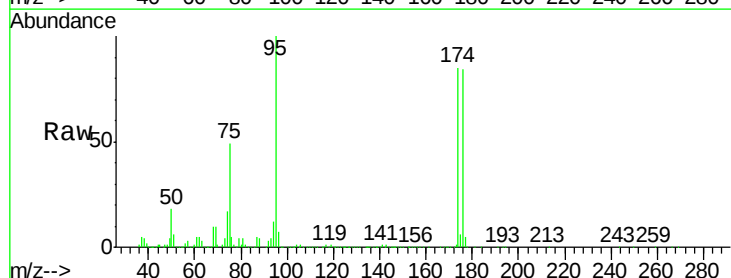
Tgt Ion: 95 Resp: 347274

Ion Ratio Lower Upper

95 100

174 92.0 0.0 182.2

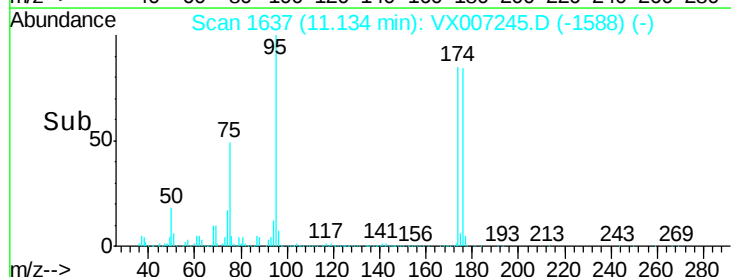
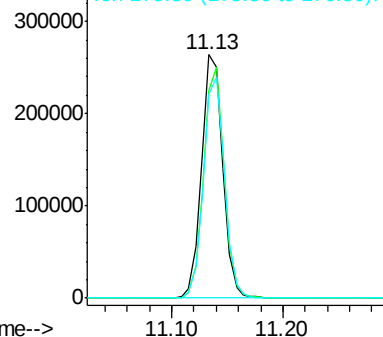
176 90.4 0.0 178.8

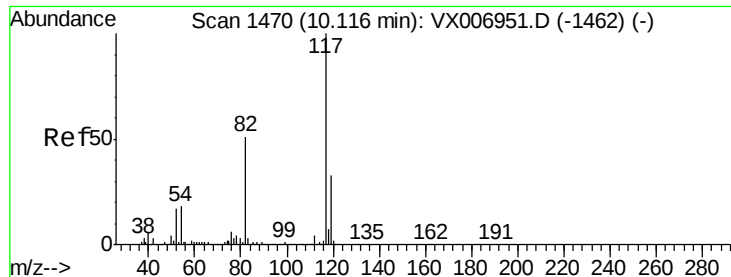


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX007245.D

Acq: 25 Jan 2019 22:28

Instrument :

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SU-04-012419-A

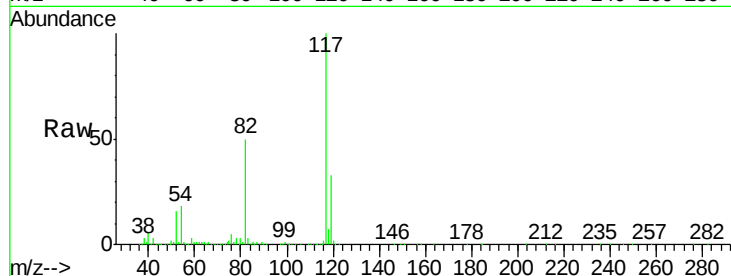
Tot Ion:117 Resp: 777082

Ion Ratio Lower Upper

117 100

82 49.9 41.0 61.6

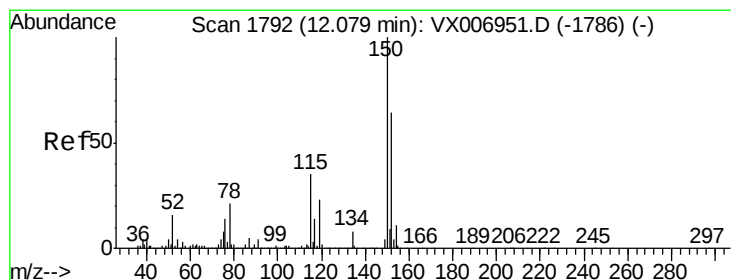
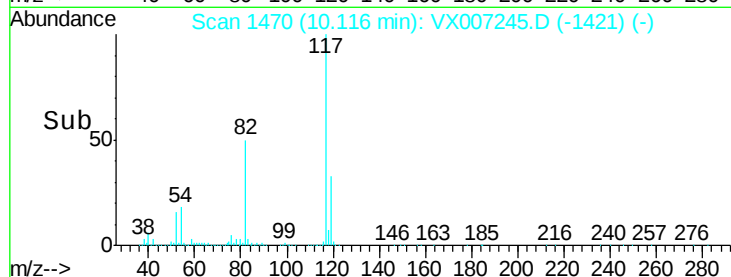
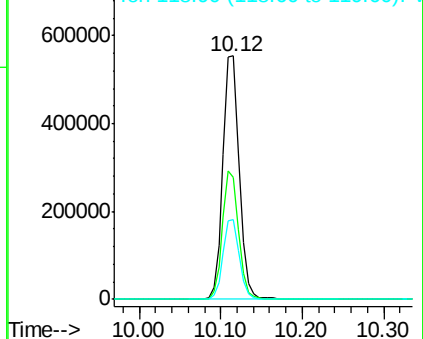
119 32.7 25.4 38.0



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: VX007245.D

Acq: 25 Jan 2019 22:28

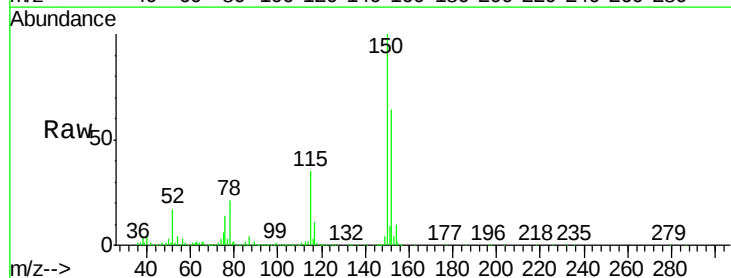
Tgt Ion:152 Resp: 383697

Ion Ratio Lower Upper

152 100

115 54.7 39.1 117.2

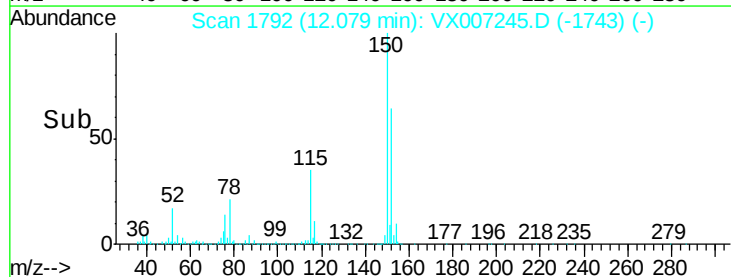
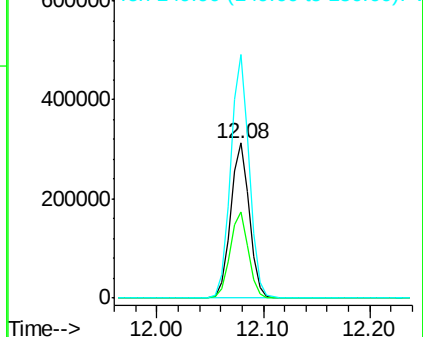
150 155.6 0.0 344.8

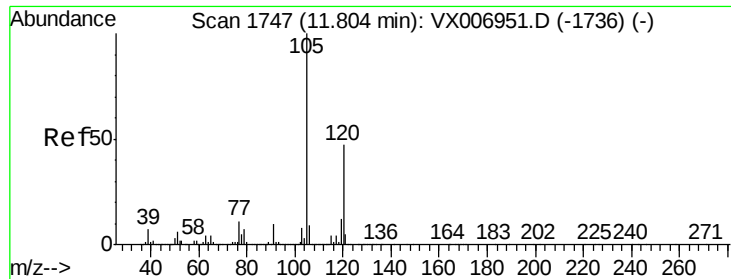


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#84

1,2,4-Trimethylbenzene

Concen: 1.364 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007245.D

Acq: 25 Jan 2019 22:28

Instrument :

MSVOA_X

ClientSampleId :

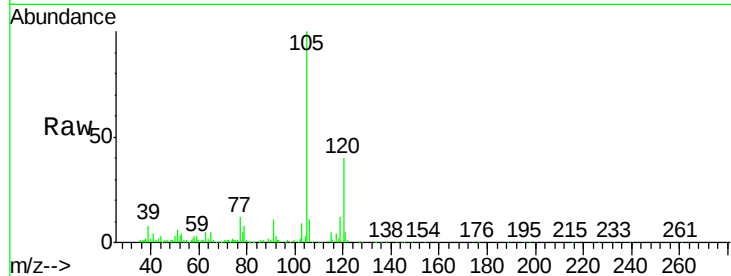
SU-04-012419-A

Tot Ion:105 Resp: 31011

Ion Ratio Lower Upper

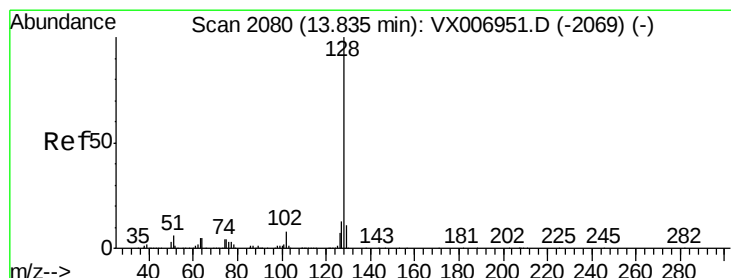
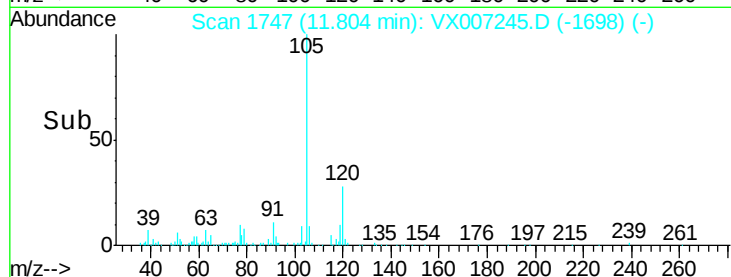
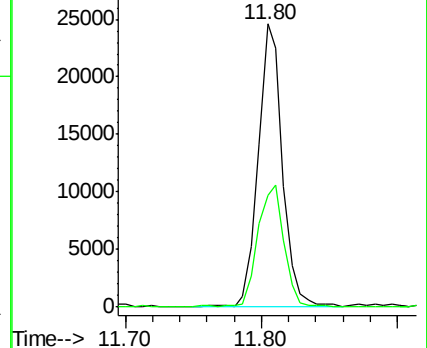
105 100

120 46.7 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 10.484 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007245.D

Acq: 25 Jan 2019 22:28

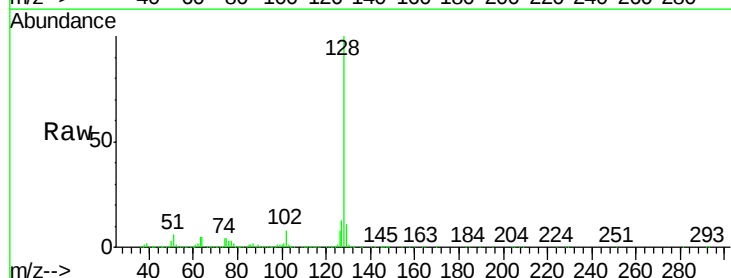
Tgt Ion:128 Resp: 289834

Ion Ratio Lower Upper

128 100

127 13.5 10.1 15.1

129 11.2 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

