

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012619\
 Data File : VX007250.D
 Acq On : 26 Jan 2019 00:41
 Operator : JC/SP
 Sample : K1238-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S1

Quant Time: Jan 28 02:21:57 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	535677	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	841041	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	811028	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	387103	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	289653	51.74	ug/l	0.00
Spiked Amount			Recovery	=	103.48%	
35) Dibromofluoromethane	5.50	113	260263	48.32	ug/l	0.00
Spiked Amount			Recovery	=	96.64%	
50) Toluene-d8	8.71	98	1021738	51.83	ug/l	0.00
Spiked Amount			Recovery	=	103.66%	
62) 4-Bromofluorobenzene	11.13	95	358651	52.18	ug/l	0.00
Spiked Amount			Recovery	=	104.36%	

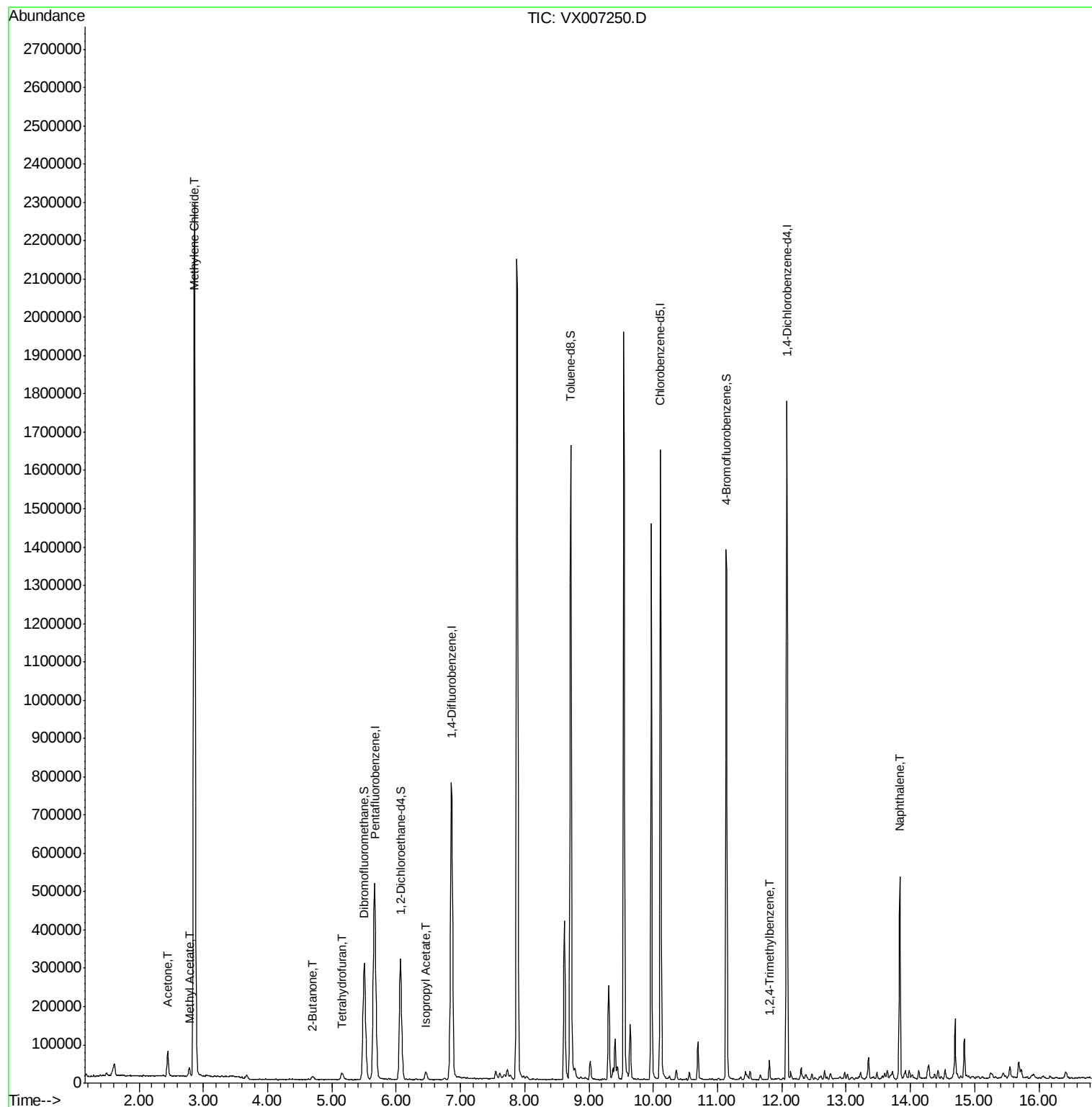
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	68689	24.819	ug/l	95
18) Methyl Acetate	2.78	43	29506	3.681	ug/l	95
20) Methylene Chloride	2.86	84	1060938	203.280	ug/l	94
25) 2-Butanone	4.70	43	16299	4.116	ug/l	95
29) Tetrahydrofuran	5.15	42	16619	6.458	ug/l	99
43) Isopropyl Acetate	6.46	43	26821	2.169	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	23465	1.023	ug/l	99
95) Naphthalene	13.83	128	324430	11.632	ug/l	99

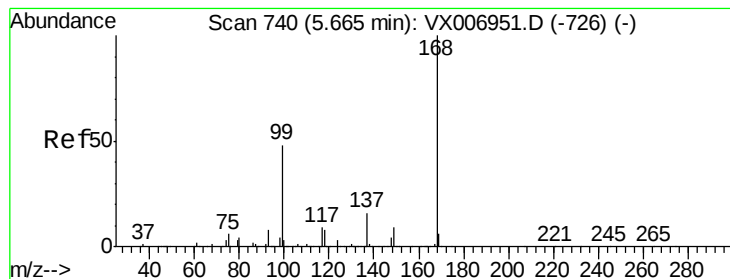
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007250.D

Acq: 26 Jan 2019 00:41

Instrument :

MSVOA_X

ClientSampled :

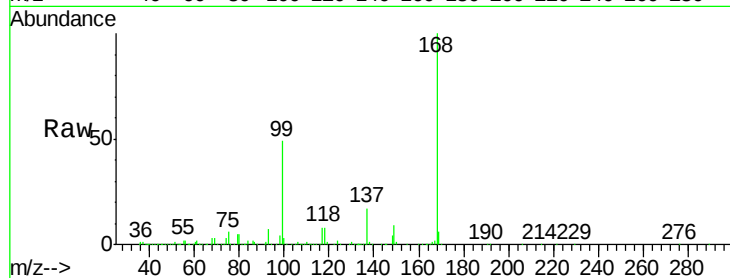
S1

Tot Ion:168 Resp: 535677

Ion Ratio Lower Upper

168 100

99 49.0 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

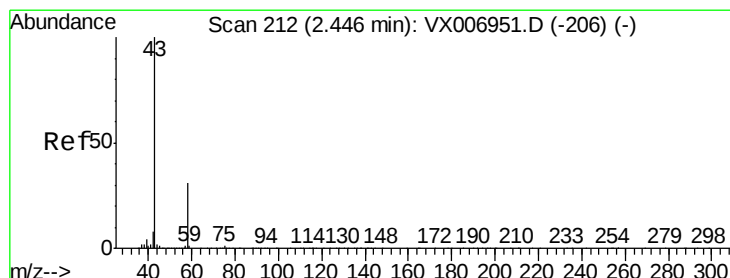
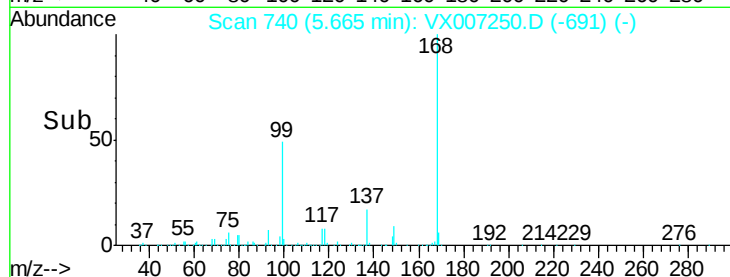
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 24.819 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007250.D

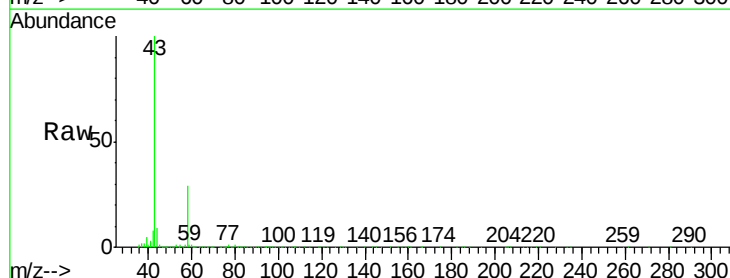
Acq: 26 Jan 2019 00:41

Tgt Ion: 43 Resp: 68689

Ion Ratio Lower Upper

43 100

58 28.7 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

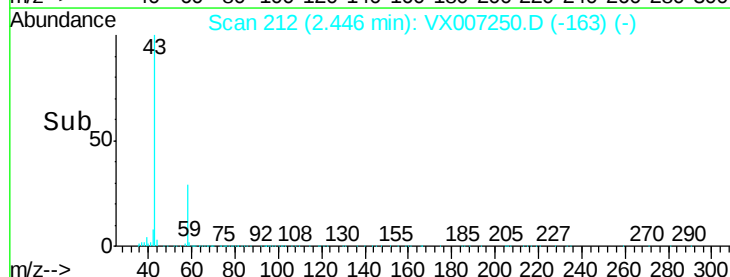
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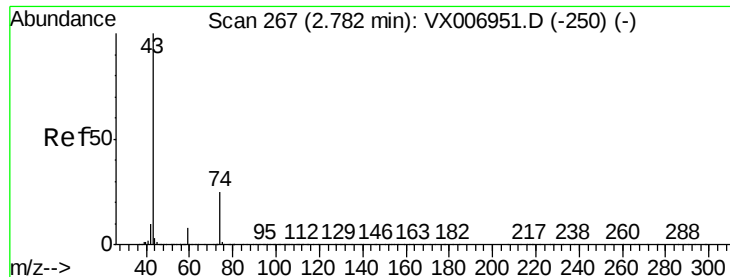
20000

10000

0

Time-->

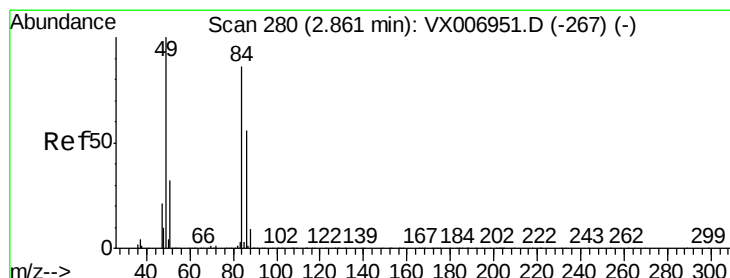
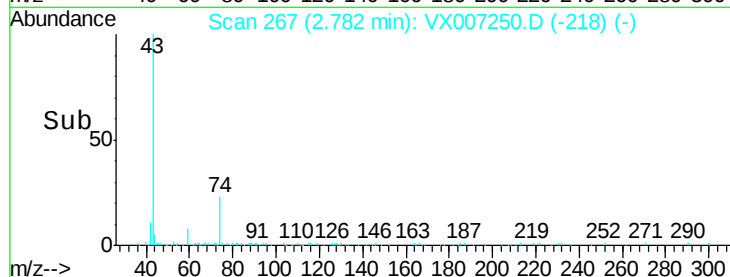
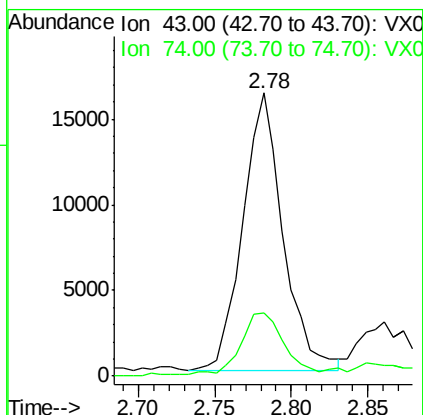
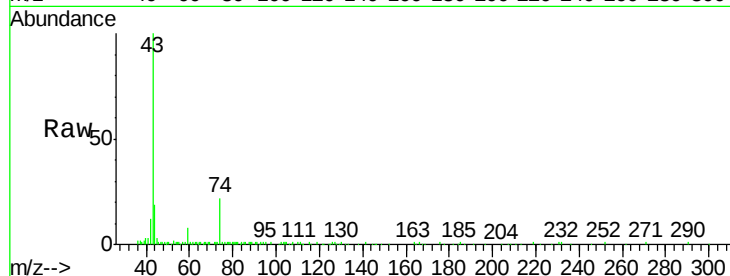




#18
Methyl Acetate
Concen: 3.681 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007250.D
Acq: 26 Jan 2019 00:41

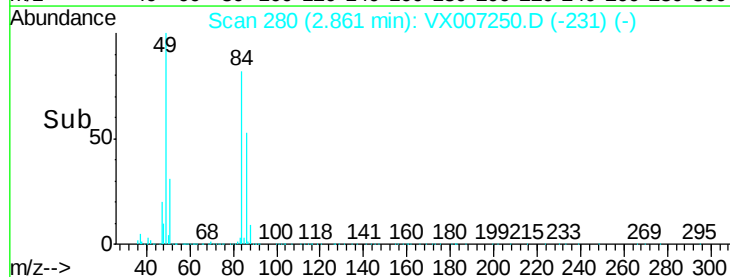
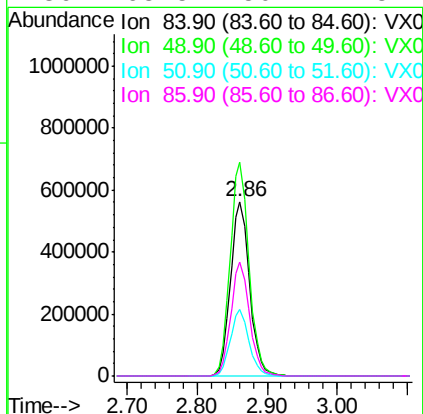
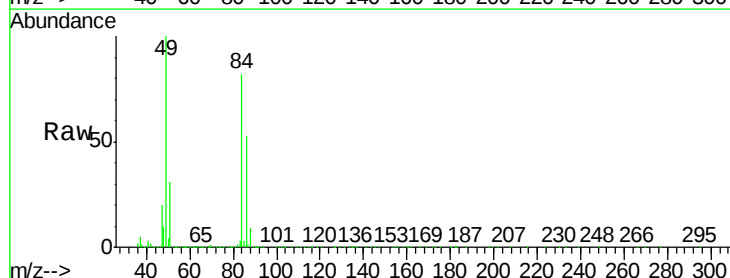
Instrument :
MSVOA_X
ClientSampled :
S1

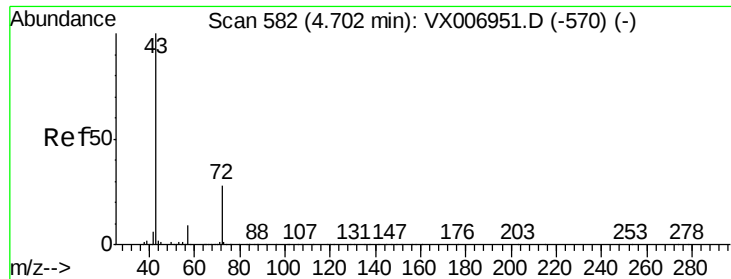
Tot Ion: 43 Resp: 29506
Ion Ratio Lower Upper
43 100
74 25.7 18.6 28.0



#20
Methylene Chloride
Concen: 203.280 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007250.D
Acq: 26 Jan 2019 00:41

Tgt Ion: 84 Resp: 1060938
Ion Ratio Lower Upper
84 100
49 122.6 91.8 137.6
51 38.1 28.5 42.7
86 65.5 50.2 75.2

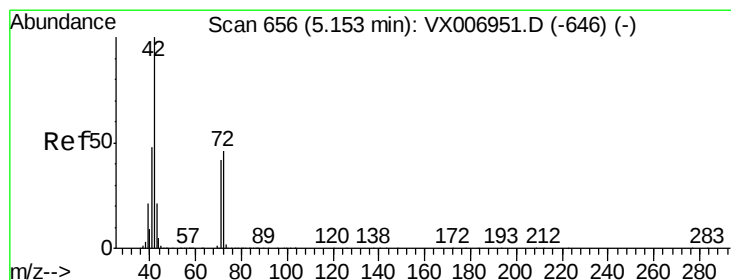
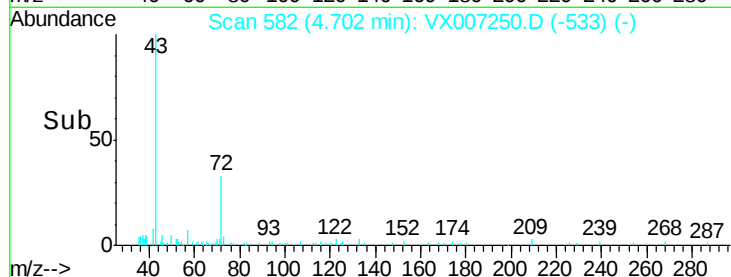
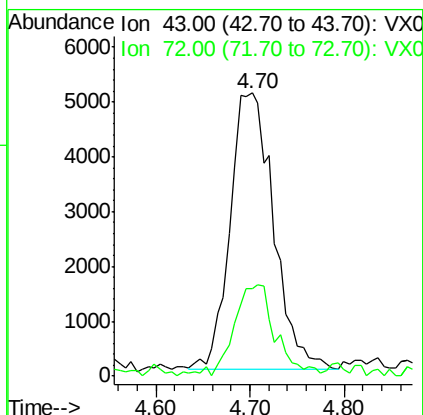
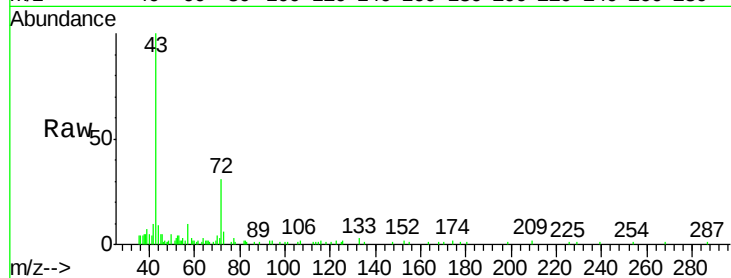




#25
2-Butanone
Concen: 4.116 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX007250.D
Acq: 26 Jan 2019 00:41

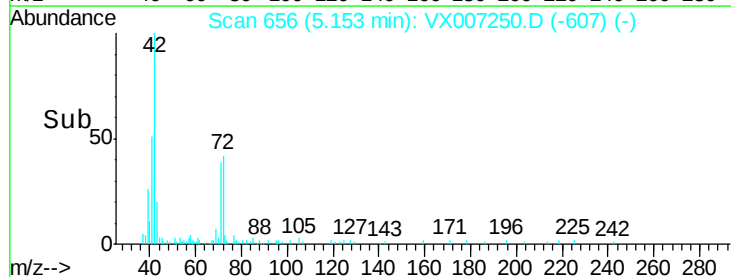
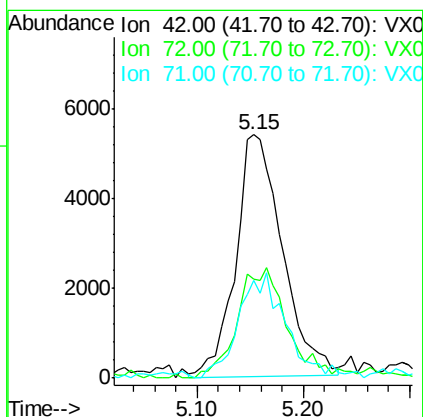
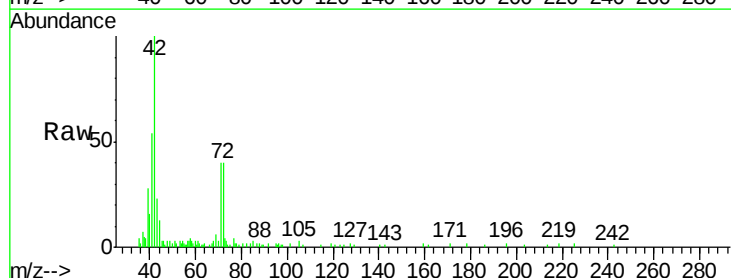
Instrument :
MSVOA_X
ClientSampleId :
S1

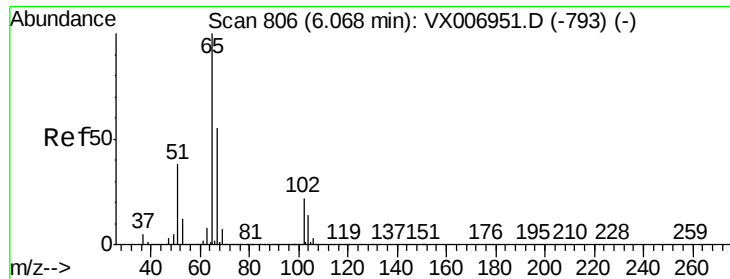
Tot Ion: 43 Resp: 16299
Ion Ratio Lower Upper
43 100
72 30.6 22.4 33.6



#29
Tetrahydrofuran
Concen: 6.458 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX007250.D
Acq: 26 Jan 2019 00:41

Tgt Ion: 42 Resp: 16619
Ion Ratio Lower Upper
42 100
72 48.8 38.9 58.3
71 44.0 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 51.740 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007250.D

Acq: 26 Jan 2019 00:41

Instrument :

MSVOA_X

ClientSampleId :

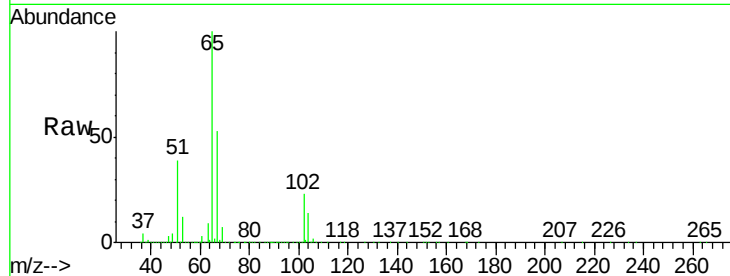
S1

Tot Ion: 65 Resp: 289653

Ion Ratio Lower Upper

65 100

67 52.8 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

120000

100000

80000

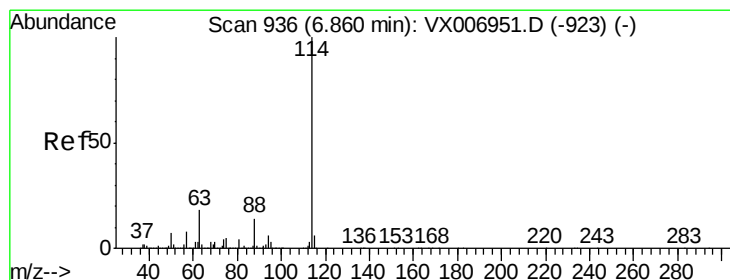
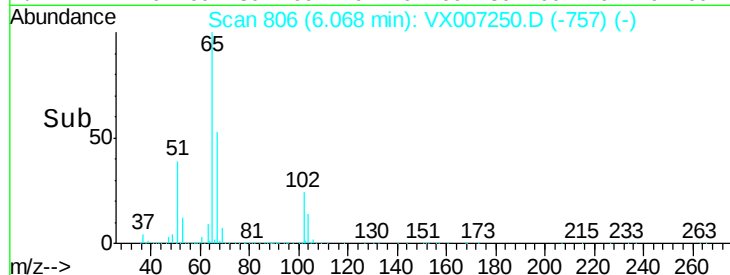
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007250.D

Acq: 26 Jan 2019 00:41

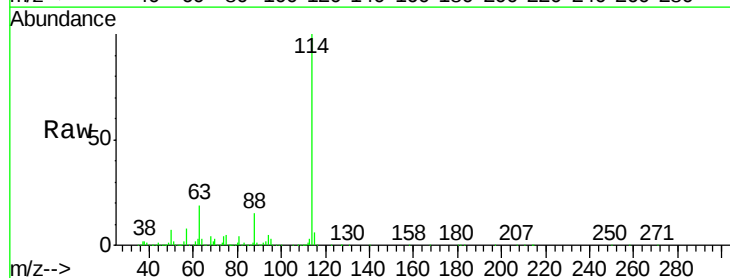
Tgt Ion: 114 Resp: 841041

Ion Ratio Lower Upper

114 100

63 18.9 0.0 34.8

88 14.7 0.0 28.8



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

6.86

400000

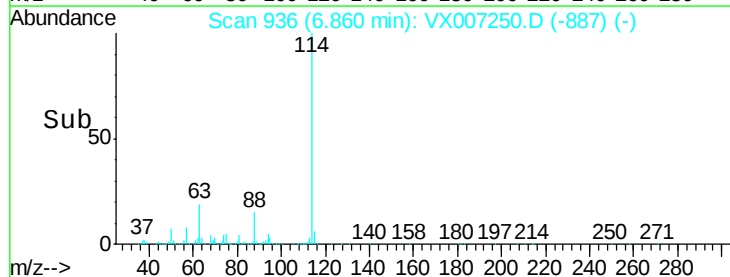
300000

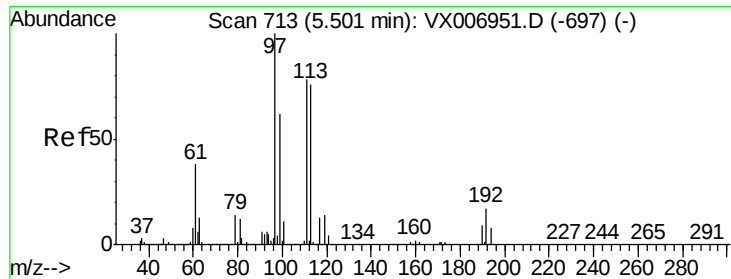
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 48.322 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007250.D

Acq: 26 Jan 2019 00:41

Instrument :

MSVOA_X

ClientSampled :

S1

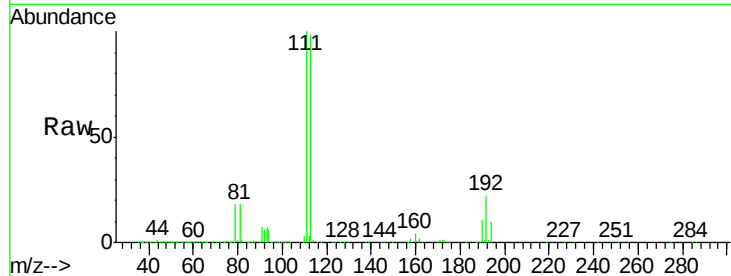
Tot Ion:113 Resp: 260263

Ion Ratio Lower Upper

113 100

111 101.6 81.6 122.4

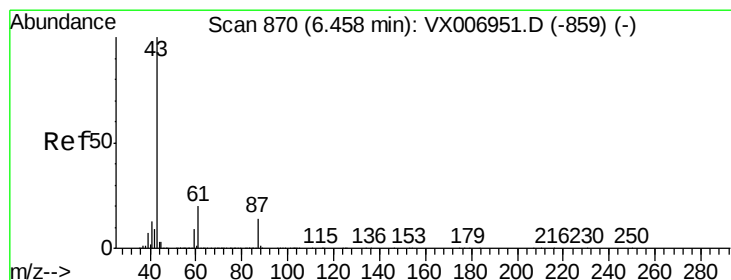
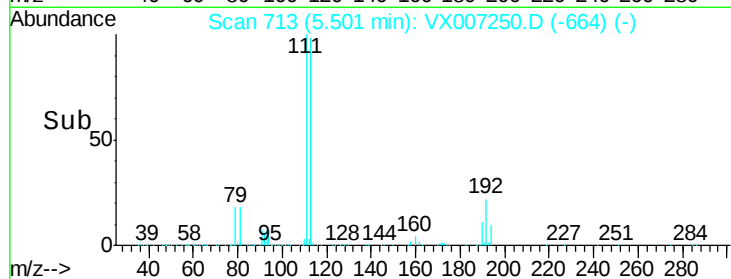
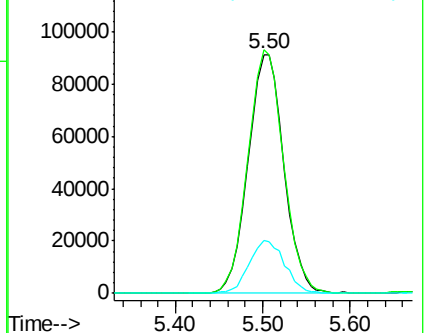
192 22.0 16.7 25.1



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: 2.169 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007250.D

Acq: 26 Jan 2019 00:41

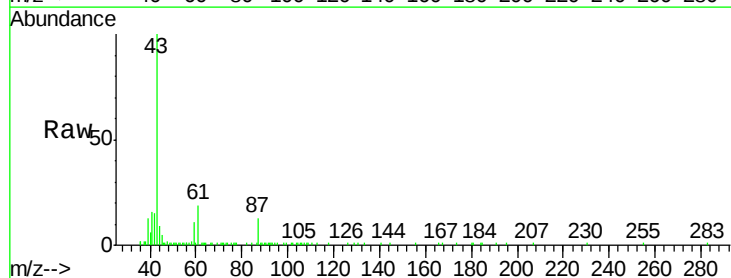
Tgt Ion: 43 Resp: 26821

Ion Ratio Lower Upper

43 100

61 21.3 16.8 25.2

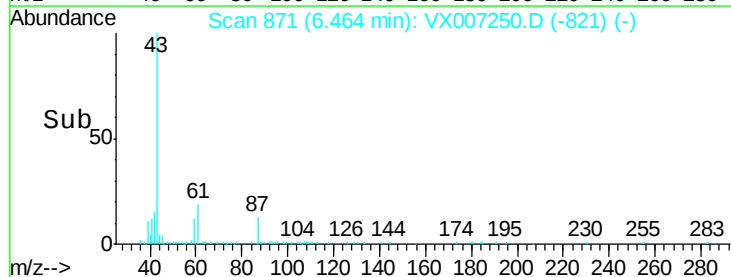
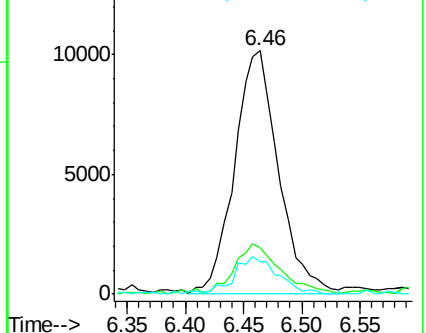
87 15.5 12.4 18.6

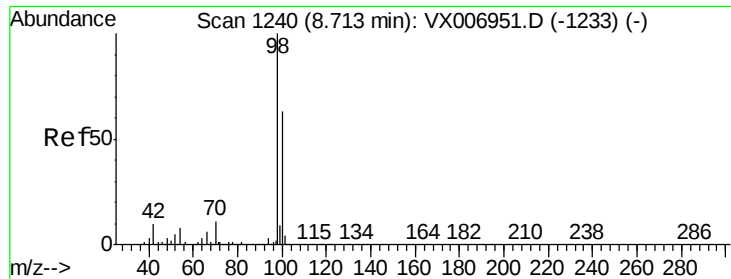


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 51.827 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007250.D

Acq: 26 Jan 2019 00:41

Instrument :

MSVOA_X

ClientSampleId :

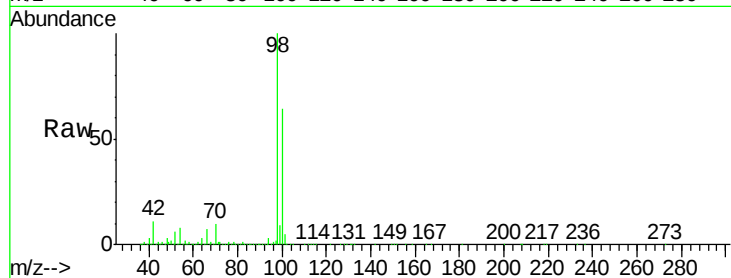
S1

Tot Ion: 98 Resp: 1021738

Ion Ratio Lower Upper

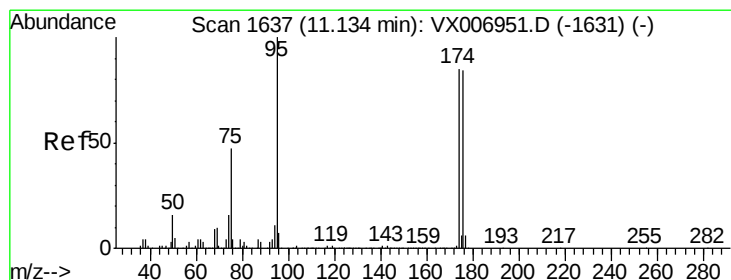
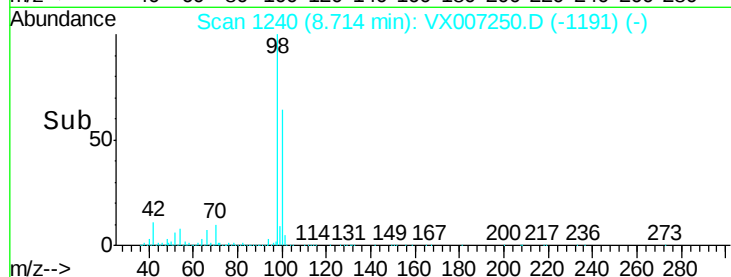
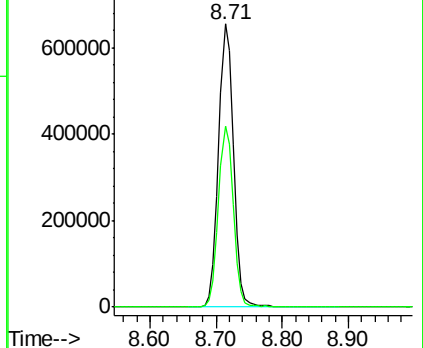
98 100

100 63.7 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 52.183 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007250.D

Acq: 26 Jan 2019 00:41

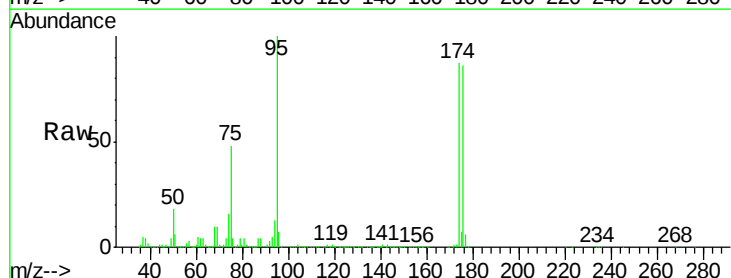
Tgt Ion: 95 Resp: 358651

Ion Ratio Lower Upper

95 100

174 93.2 0.0 182.2

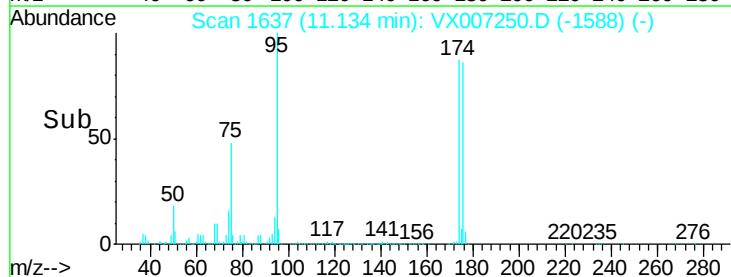
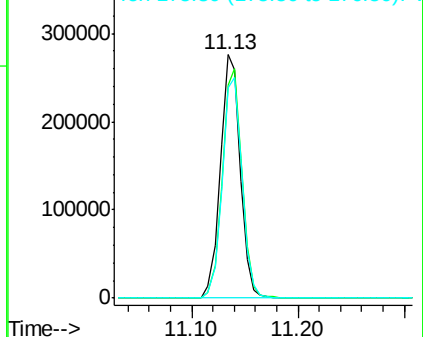
176 90.7 0.0 178.8

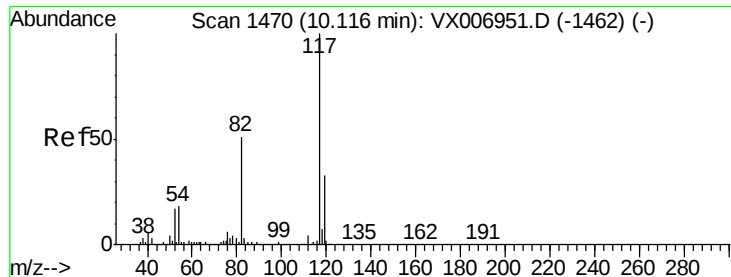


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: VX007250.D

Acq: 26 Jan 2019 00:41

Instrument :

MSVOA_X

ClientSampleId :

S1

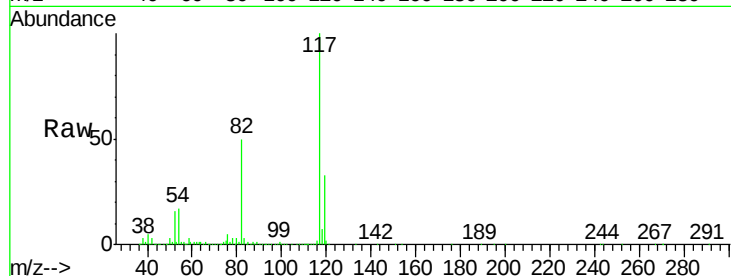
Tot Ion:117 Resp: 811028

Ion Ratio Lower Upper

117 100

82 50.0 41.0 61.6

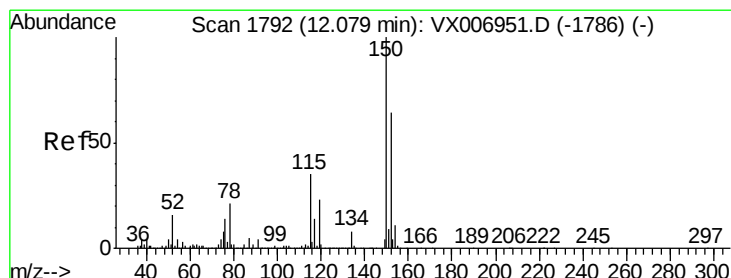
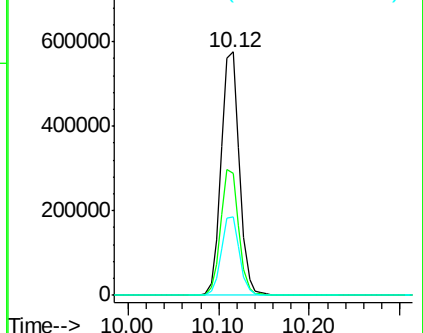
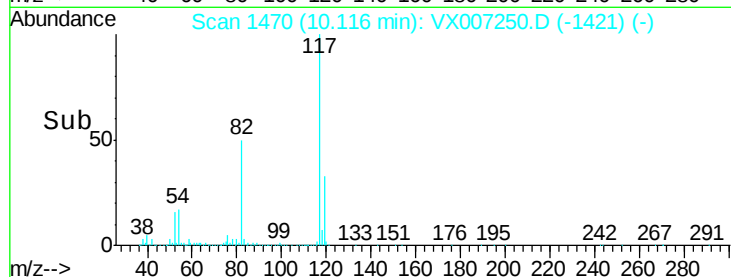
119 32.5 25.4 38.0



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: VX007250.D

Acq: 26 Jan 2019 00:41

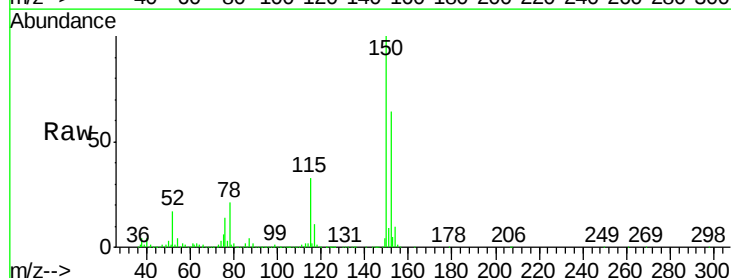
Tgt Ion:152 Resp: 387103

Ion Ratio Lower Upper

152 100

115 54.7 39.1 117.2

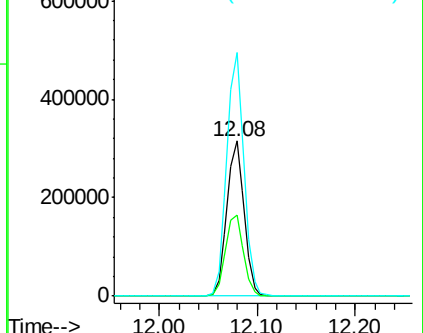
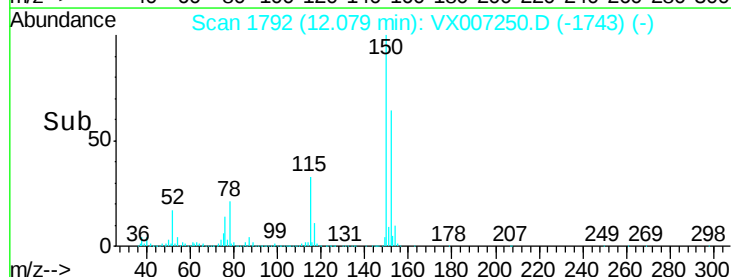
150 156.6 0.0 344.8

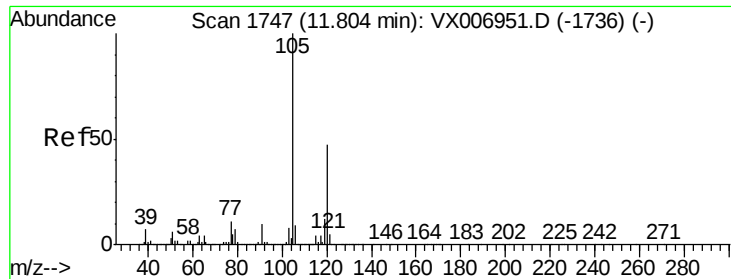


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#84

1,2,4-Trimethylbenzene

Concen: 1.023 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX007250.D

Acq: 26 Jan 2019 00:41

Instrument :

MSVOA_X

ClientSampled :

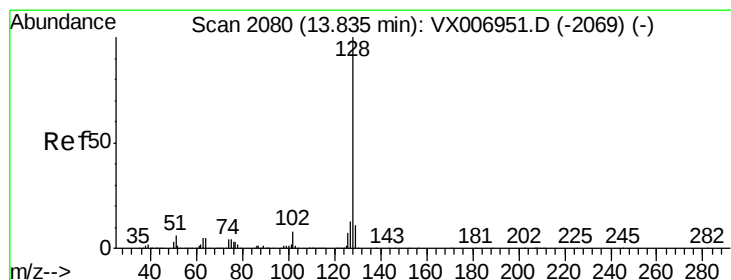
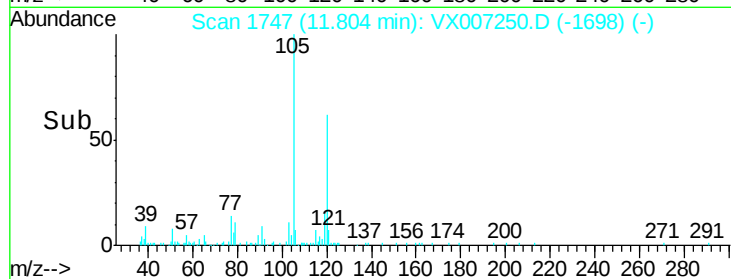
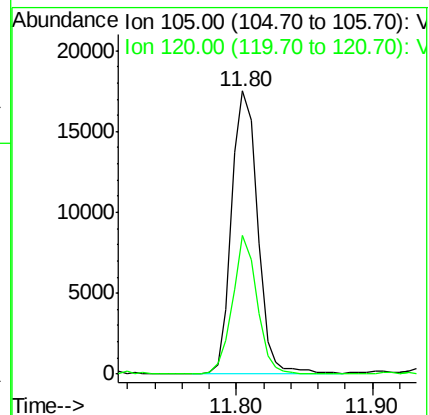
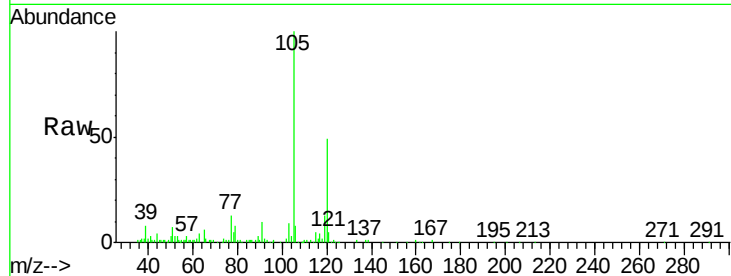
S1

Tot Ion:105 Resp: 23465

Ion Ratio Lower Upper

105 100

120 45.8 23.2 69.6



#95

Naphthalene

Concen: 11.632 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007250.D

Acq: 26 Jan 2019 00:41

Tgt Ion:128 Resp: 324430

Ion Ratio Lower Upper

128 100

127 13.4 10.1 15.1

129 10.8 8.6 13.0

