

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010919\
 Data File : VX006978.D
 Acq On : 09 Jan 2019 21:00
 Operator : JC/MD
 Sample : K1008-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HD-02-010819

Quant Time: Jan 10 02:49:00 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

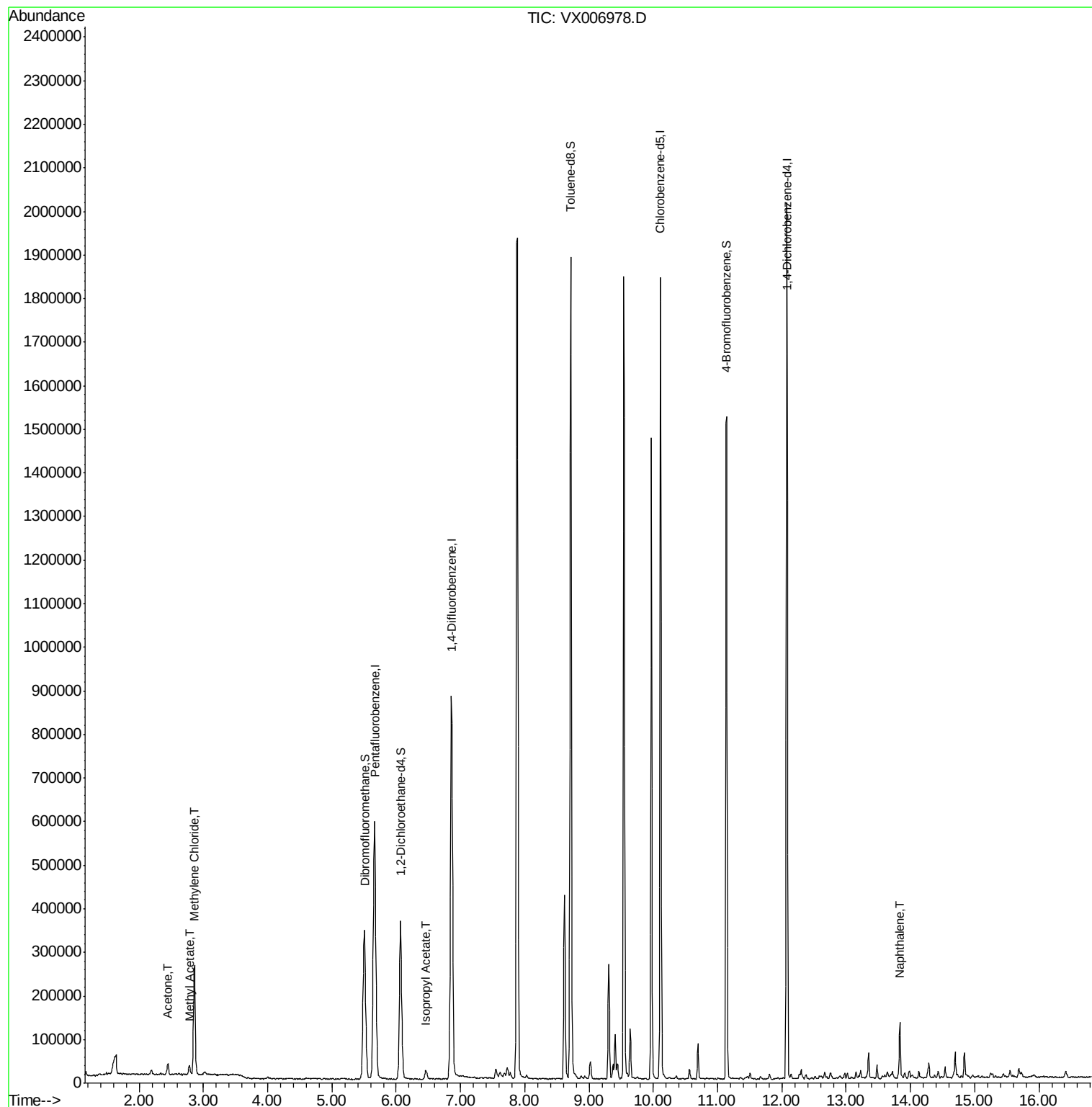
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	609843	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	940882	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	886050	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	422033	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	328027	51.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.94%	
35) Dibromofluoromethane	5.51	113	290590	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.46%	
50) Toluene-d8	8.71	98	1137430	51.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.14%	
62) 4-Bromofluorobenzene	11.13	95	403112	52.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.86%	
Target Compounds						
16) Acetone	2.45	43	29980	9.515	ug/l	90
18) Methyl Acetate	2.78	43	29592	3.243	ug/l	99
20) Methylene Chloride	2.86	84	116946	19.165	ug/l	93
43) Isopropyl Acetate	6.46	43	26890	1.944	ug/l	97
95) Naphthalene	13.83	128	80956	2.662	ug/l	98

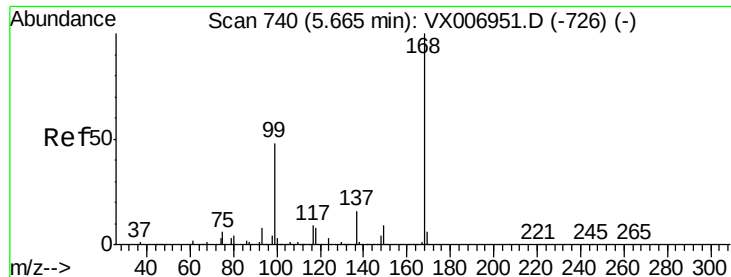
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX006978.D

Acq: 09 Jan 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

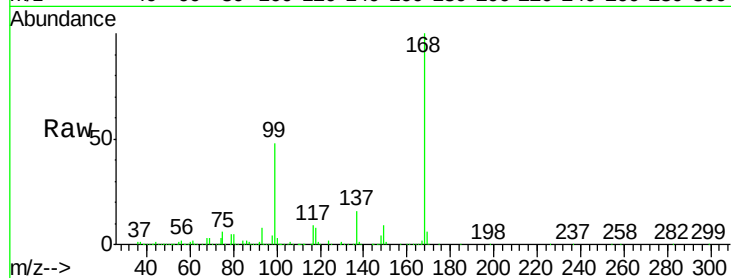
HD-02-010819

Tot Ion:168 Resp: 609843

Ion Ratio Lower Upper

168 100

99 48.1 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

250000

200000

150000

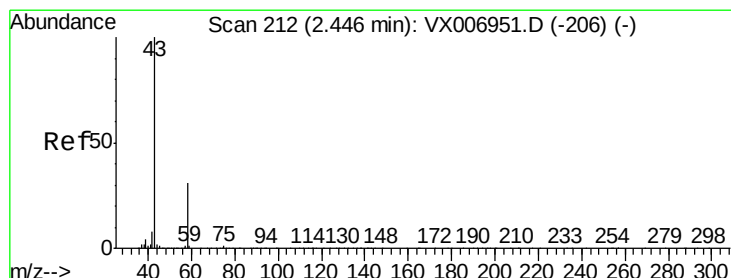
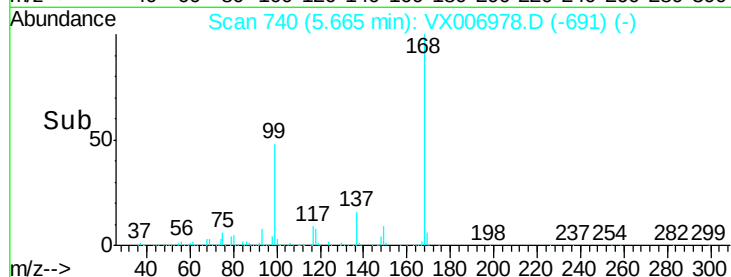
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 9.515 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006978.D

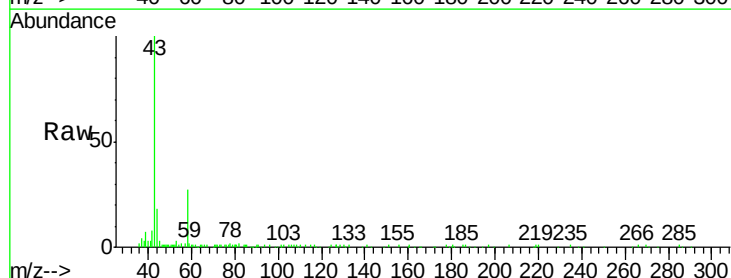
Acq: 09 Jan 2019 21:00

Tgt Ion: 43 Resp: 29980

Ion Ratio Lower Upper

43 100

58 26.0 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

20000

15000

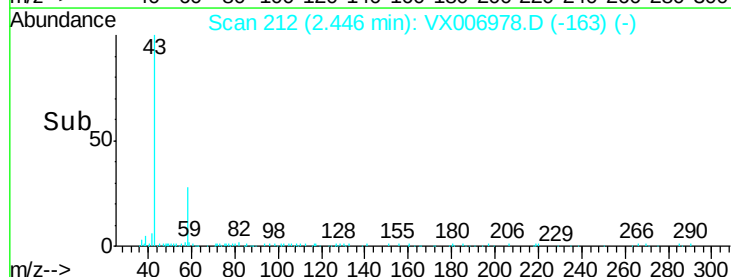
10000

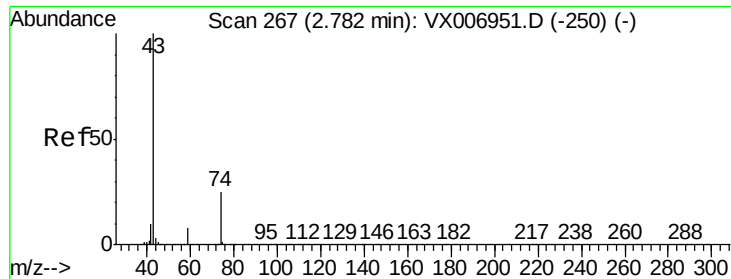
5000

0

Time-->

2.35 2.40 2.45 2.50 2.55

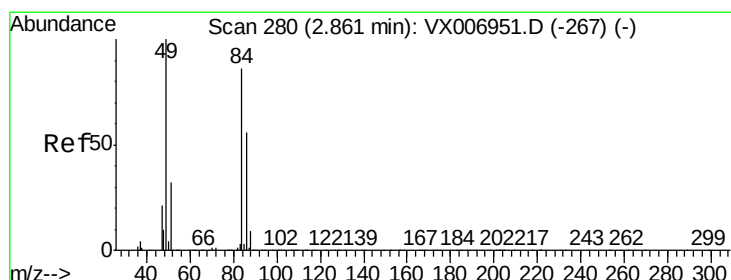
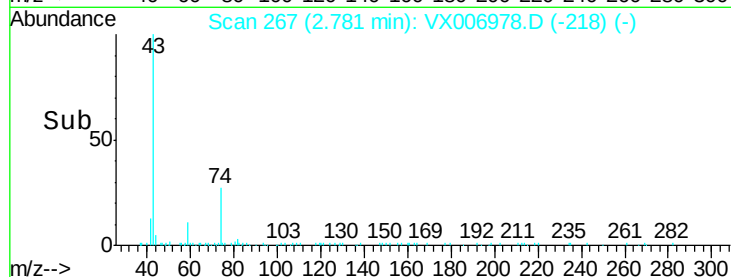
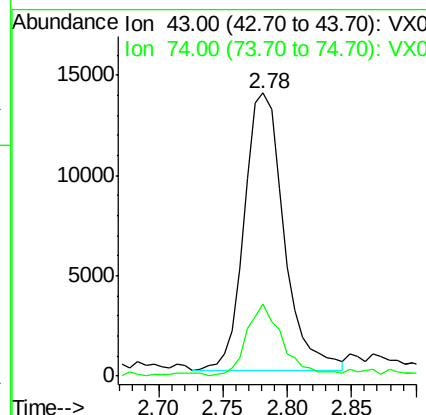
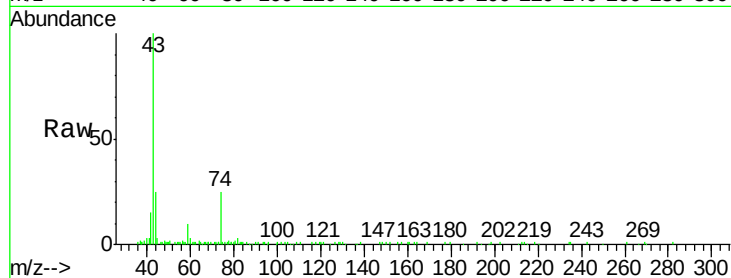




#18
Methyl Acetate
Concen: 3.243 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX006978.D
Acq: 09 Jan 2019 21:00

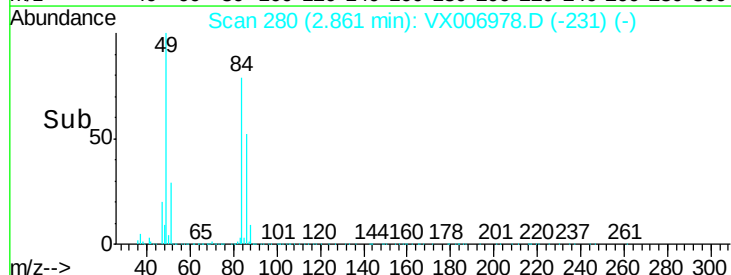
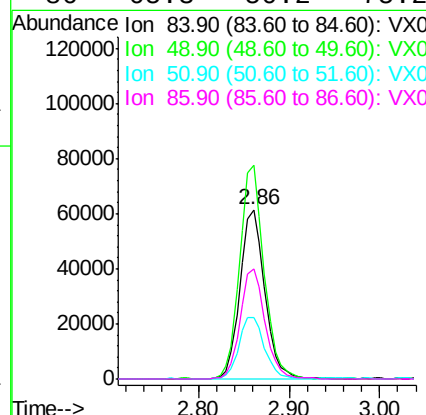
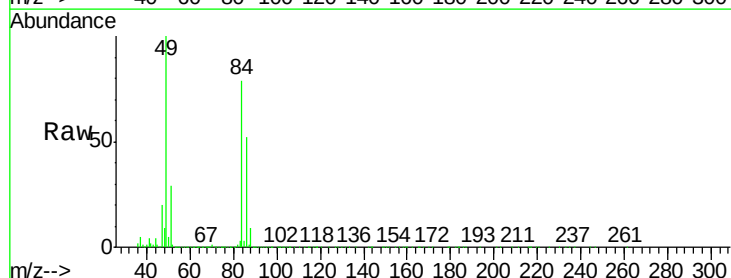
Instrument :
MSVOA_X
ClientSampleId :
HD-02-010819

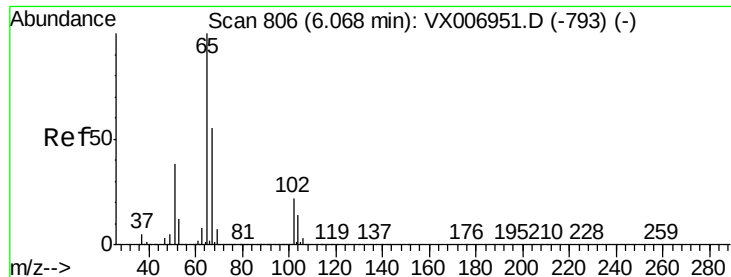
Tot Ion: 43 Resp: 29592
Ion Ratio Lower Upper
43 100
74 23.7 18.6 28.0



#20
Methylene Chloride
Concen: 19.165 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006978.D
Acq: 09 Jan 2019 21:00

Tgt Ion: 84 Resp: 116946
Ion Ratio Lower Upper
84 100
49 126.0 91.8 137.6
51 36.0 28.5 42.7
86 65.3 50.2 75.2

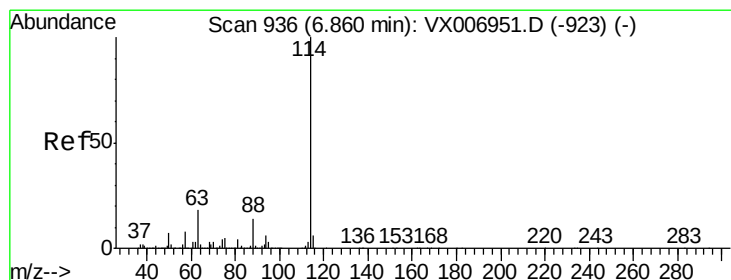
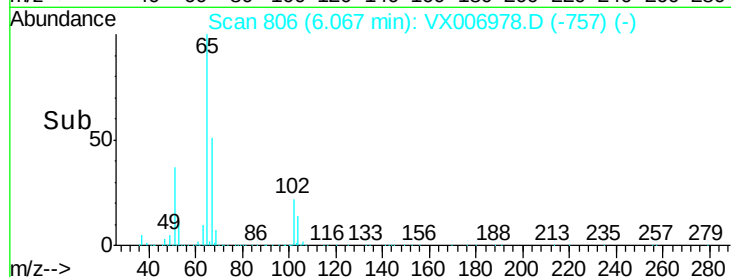
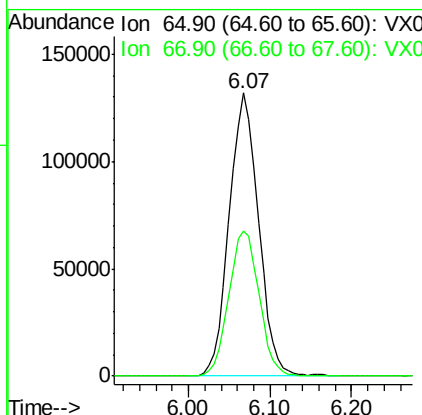
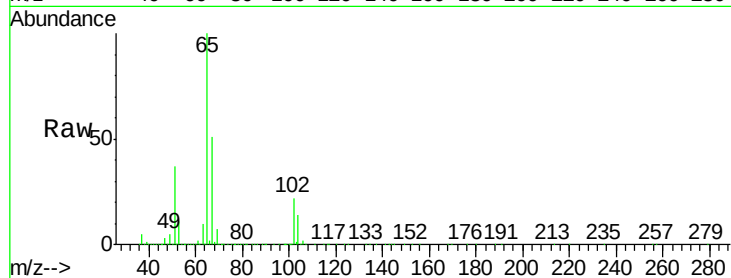




#33
 1,2-Dichloroethane-d4
 Concen: 51.468 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX006978.D
 Acq: 09 Jan 2019 21:00

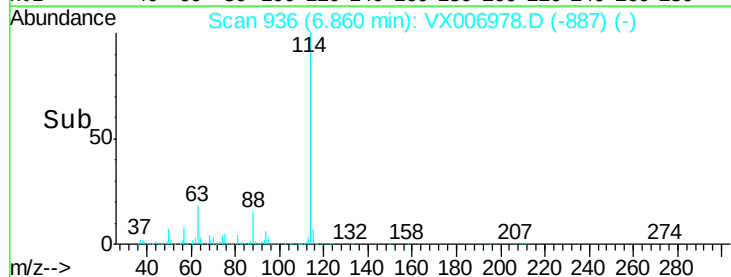
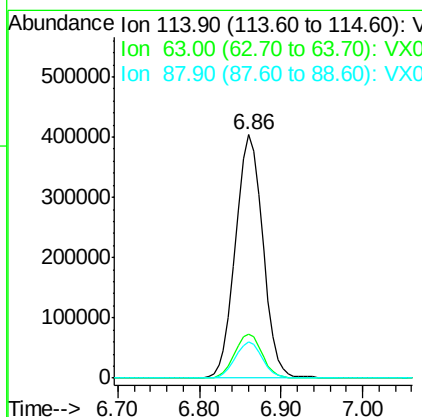
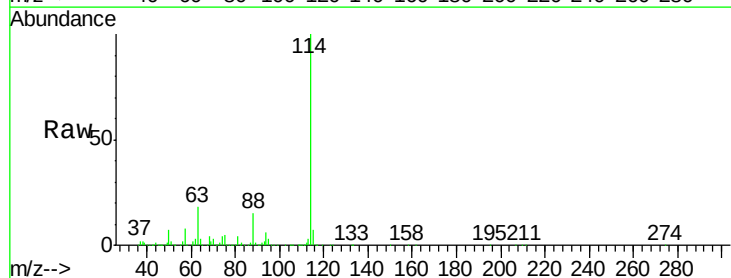
Instrument :
 MSVOA_X
 ClientSampled :
 HD-02-010819

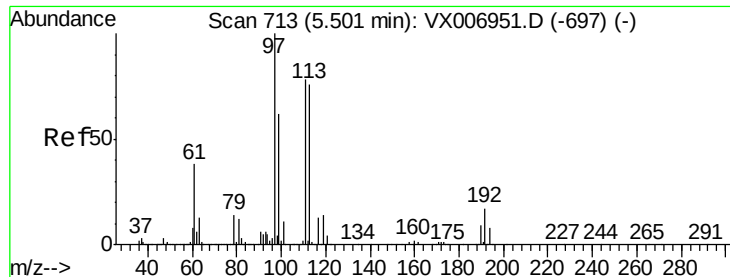
Tot Ion: 65 Resp: 328027
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006978.D
 Acq: 09 Jan 2019 21:00

Tgt Ion: 114 Resp: 940882
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 34.8
 88 15.1 0.0 28.8





#35

Dibromofluoromethane

Concen: 48.228 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006978.D

Acq: 09 Jan 2019 21:00

Instrument :

MSVOA_X

ClientSampled :

HD-02-010819

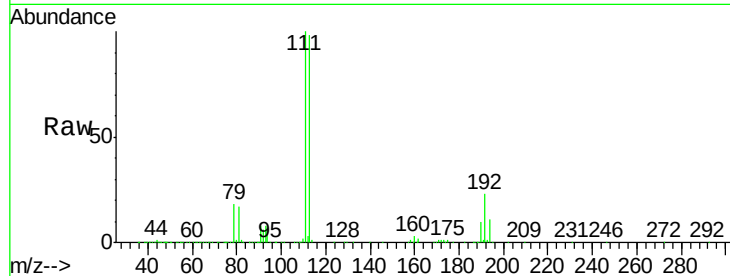
Tot Ion:113 Resp: 290590

Ion Ratio Lower Upper

113 100

111 101.4 81.6 122.4

192 22.4 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

100000

50000

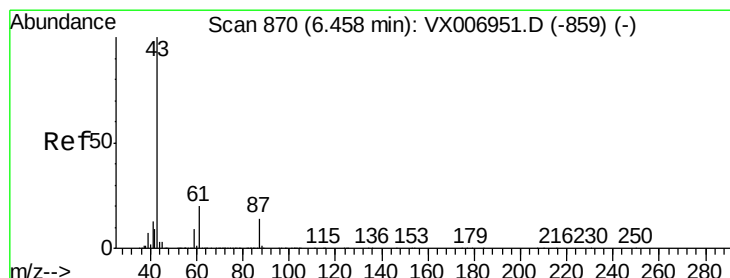
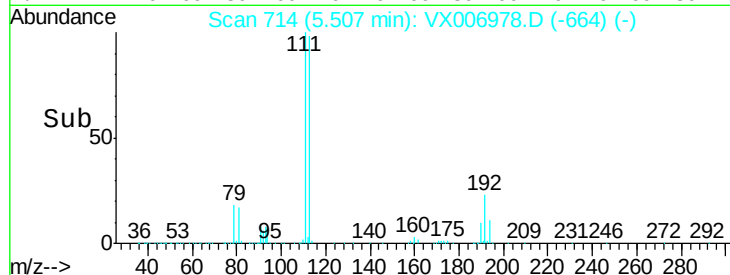
0

5.40

5.50

5.60

Time-->



#43

Isopropyl Acetate

Concen: 1.944 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX006978.D

Acq: 09 Jan 2019 21:00

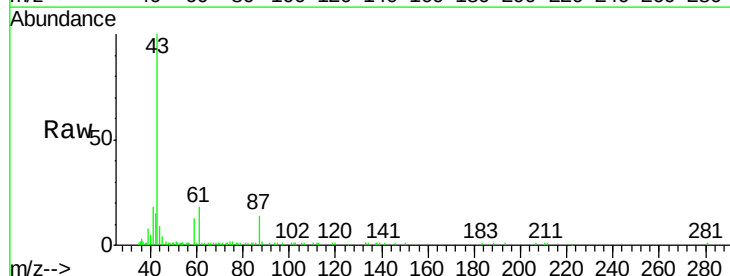
Tgt Ion: 43 Resp: 26890

Ion Ratio Lower Upper

43 100

61 21.5 16.8 25.2

87 13.5 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

10000

5000

0

6.35

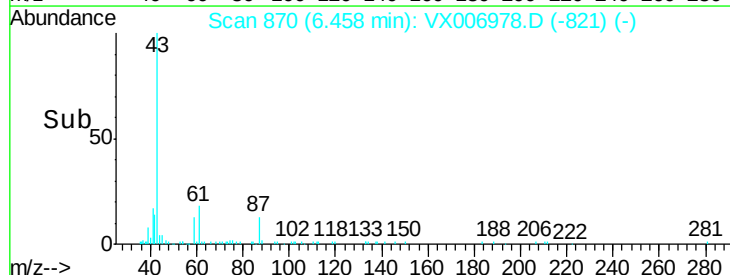
6.40

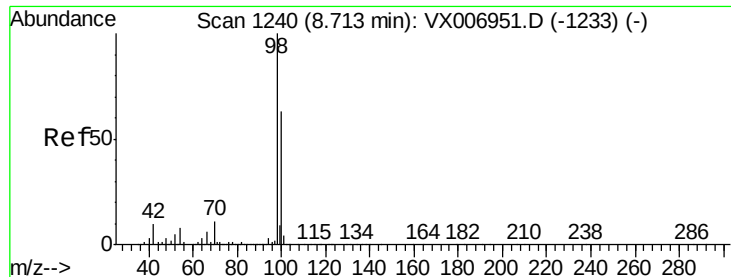
6.45

6.50

6.55

Time-->

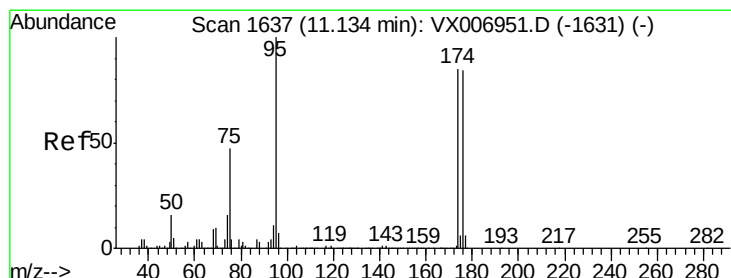
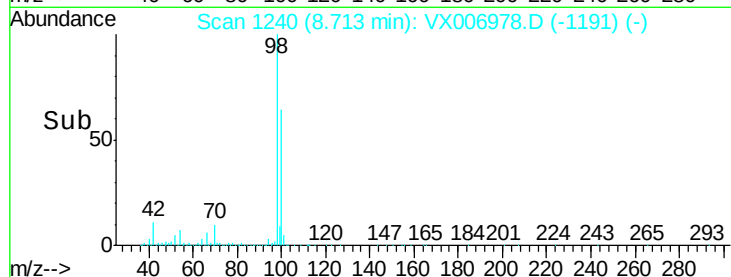
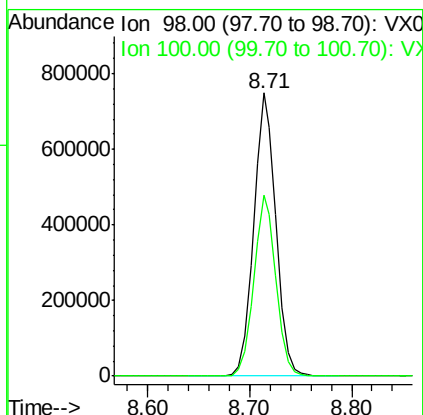
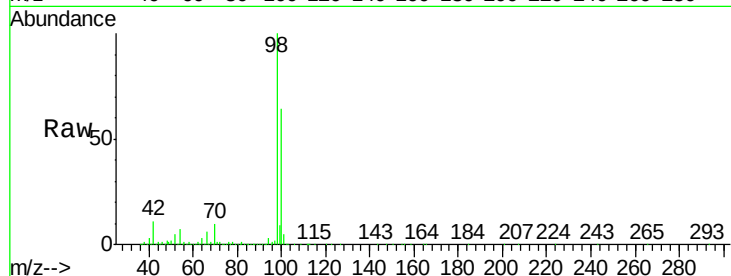




#50
Toluene-d8
Concen: 51.573 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006978.D
Acq: 09 Jan 2019 21:00

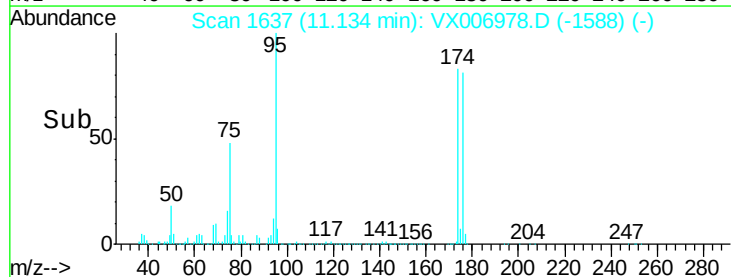
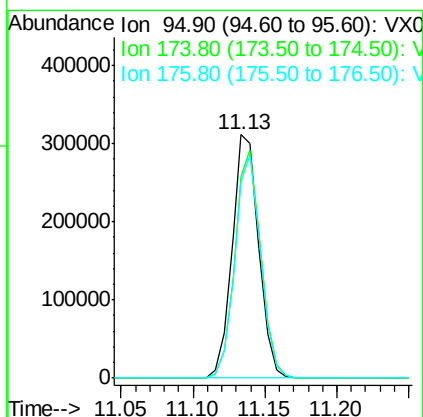
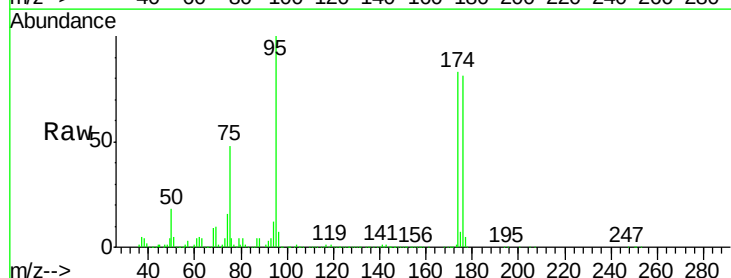
Instrument :
MSVOA_X
ClientSampleId :
HD-02-010819

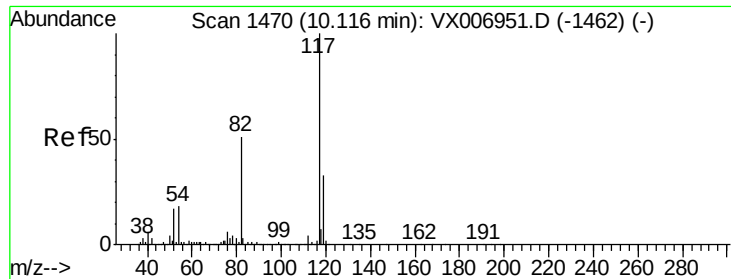
Tot Ion: 98 Resp: 1137430
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.429 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX006978.D
Acq: 09 Jan 2019 21:00

Tgt Ion: 95 Resp: 403112
Ion Ratio Lower Upper
95 100
174 90.9 0.0 182.2
176 88.8 0.0 178.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX006978.D

Acq: 09 Jan 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

HD-02-010819

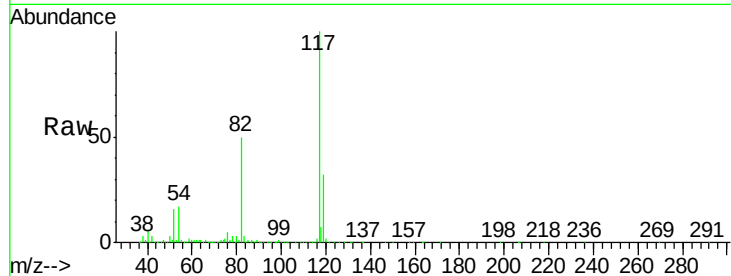
Tot Ion:117 Resp: 886050

Ion Ratio Lower Upper

117 100

82 50.2 41.0 61.6

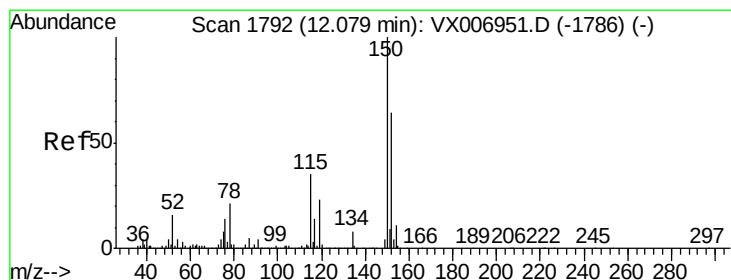
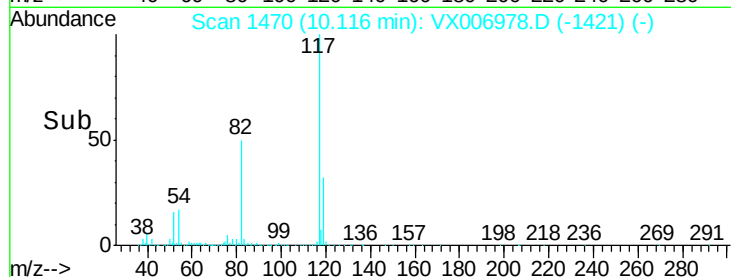
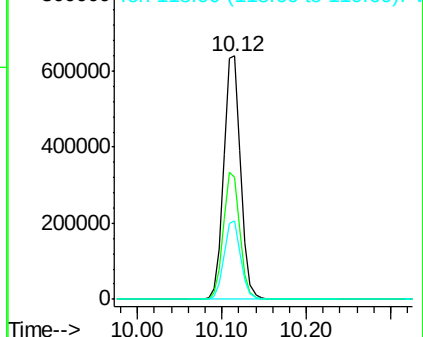
119 32.2 25.4 38.0



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: VX006978.D

Acq: 09 Jan 2019 21:00

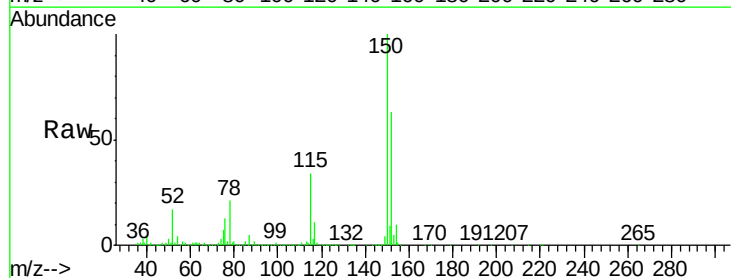
Tgt Ion:152 Resp: 422033

Ion Ratio Lower Upper

152 100

115 54.7 39.1 117.2

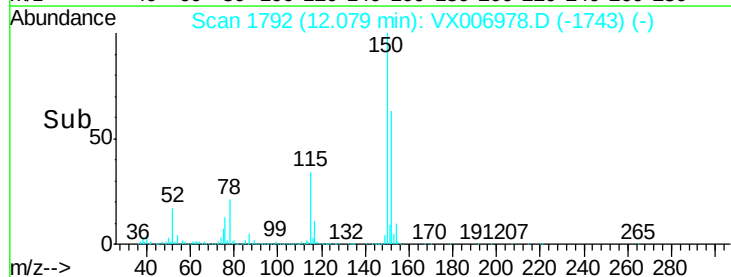
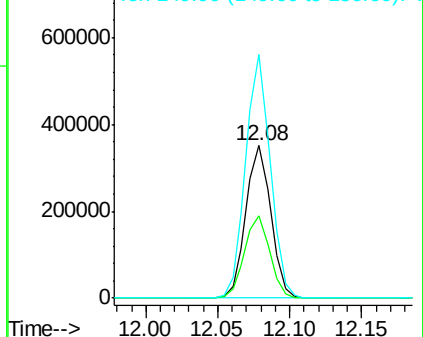
150 157.5 0.0 344.8

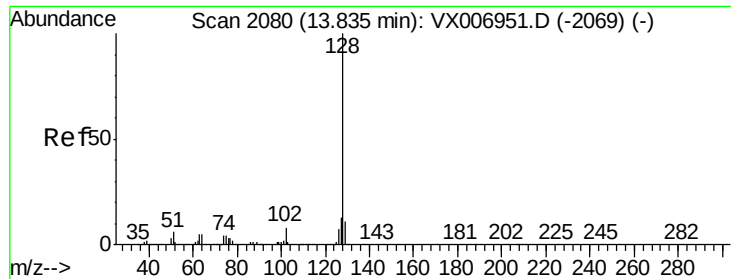


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 2.662 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006978.D

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HD-02-010819

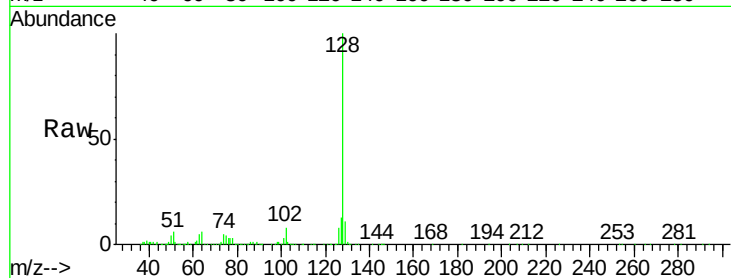
Tot Ion:128 Resp: 80956

Ion Ratio Lower Upper

128 100

127 13.7 10.1 15.1

129 11.4 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

