

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121918\
 Data File : VX006654.D
 Acq On : 19 Dec 2018 22:58
 Operator : JC/MD
 Sample : J6199-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SU-02-121818-B

Quant Time: Dec 20 04:56:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

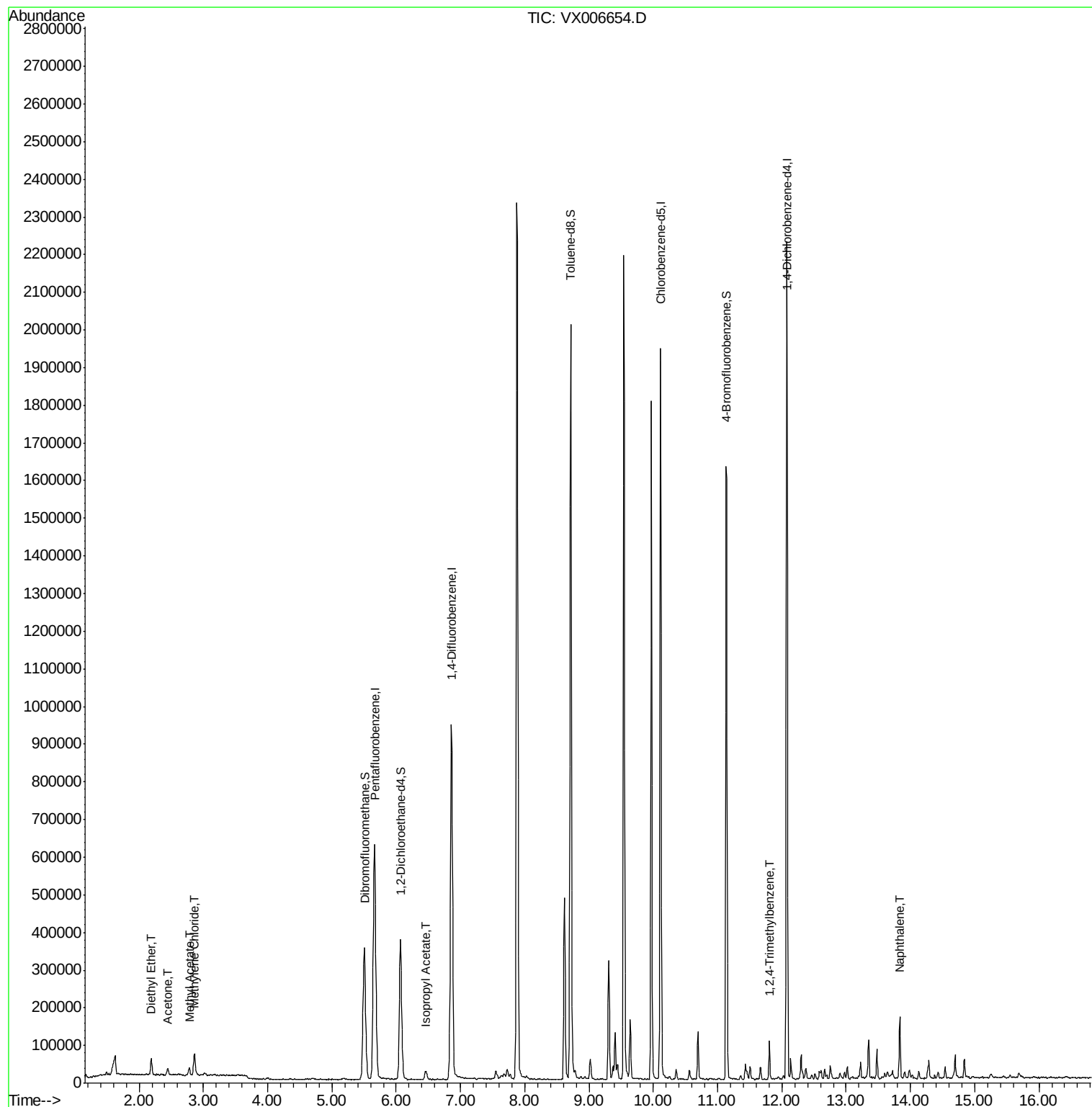
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	633726	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1009417	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	967630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	463410	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	350484	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.64%	
35) Dibromofluoromethane	5.51	113	299751	46.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.92%	
50) Toluene-d8	8.71	98	1228944	51.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.14%	
62) 4-Bromofluorobenzene	11.13	95	448471	50.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.76%	
Target Compounds						
8) Diethyl Ether	2.19	74	15355	3.801	ug/l	96
16) Acetone	2.45	43	19695	6.276	ug/l	93
18) Methyl Acetate	2.78	43	23614	2.559	ug/l	97
20) Methylene Chloride	2.86	84	28078	4.327	ug/l	92
43) Isopropyl Acetate	6.46	43	29362	2.218	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	43807	1.595	ug/l	97
95) Naphthalene	13.83	128	100331	2.949	ug/l	99

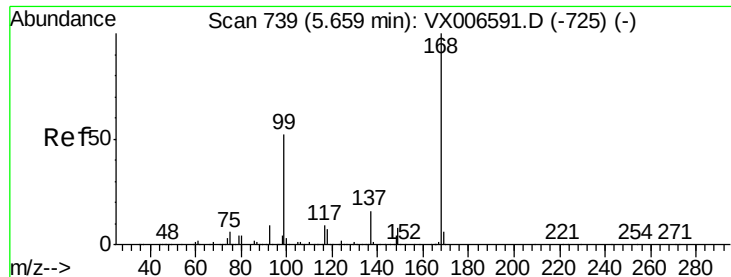
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121918\
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Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
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: VX006654.D

Acq: 19 Dec 2018 22:58

Instrument :

MSVOA_X

ClientSampleId :

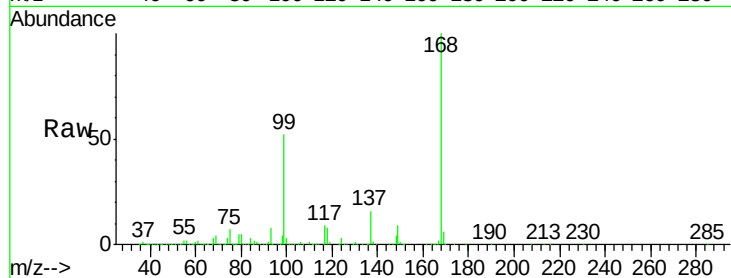
SU-02-121818-B

Tot Ion:168 Resp: 633726

Ion Ratio Lower Upper

168 100

99 52.4 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

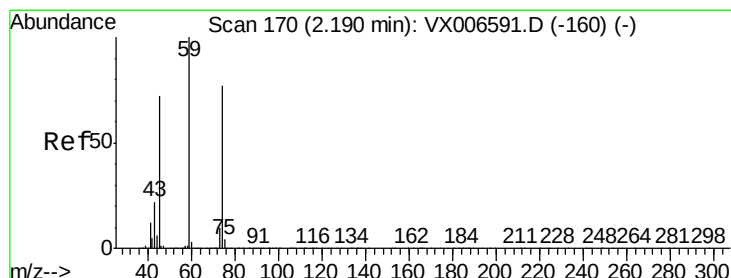
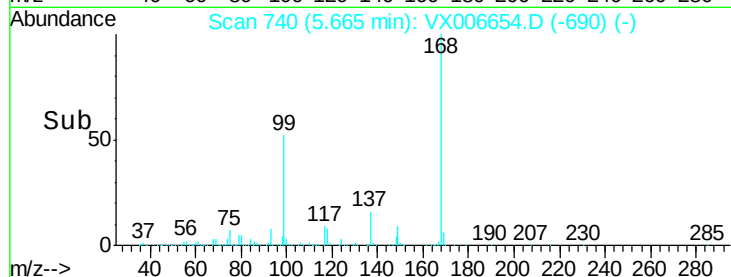
Time-->

5.50

5.60

5.70

5.80



#8

Diethyl Ether

Concen: 3.801 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX006654.D

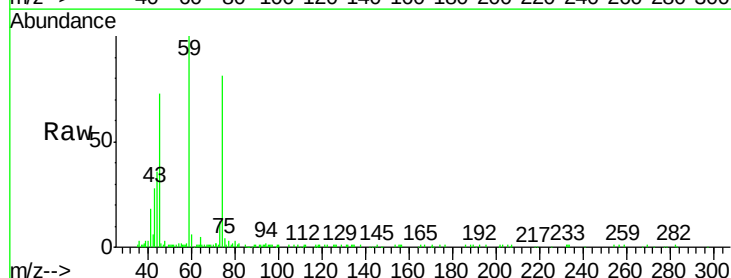
Acq: 19 Dec 2018 22:58

Tgt Ion: 74 Resp: 15355

Ion Ratio Lower Upper

74 100

45 88.7 46.3 138.9



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.19

12000

10000

8000

6000

4000

2000

0

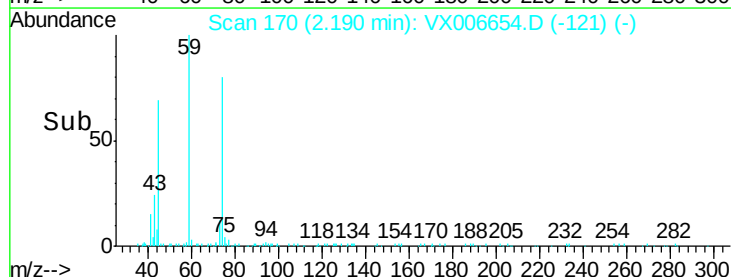
Time-->

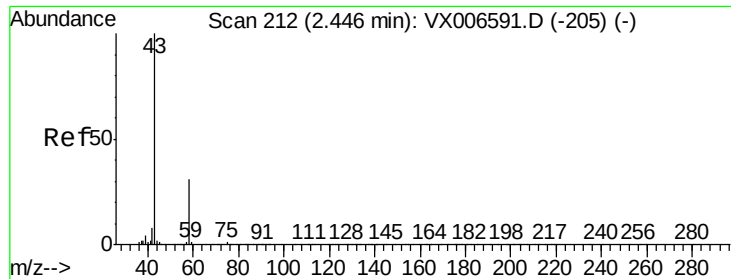
2.10

2.15

2.20

2.25

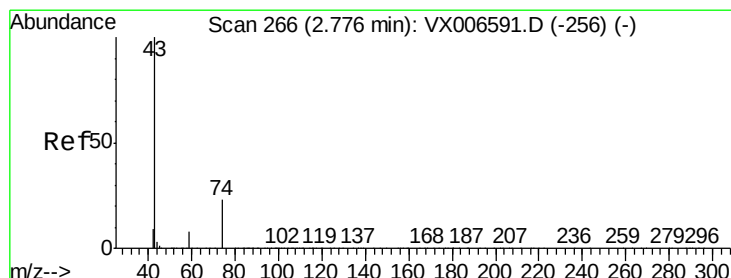
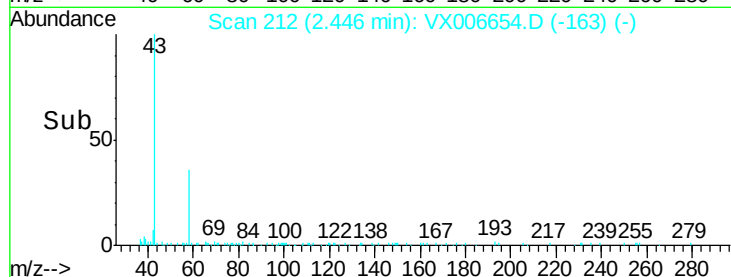
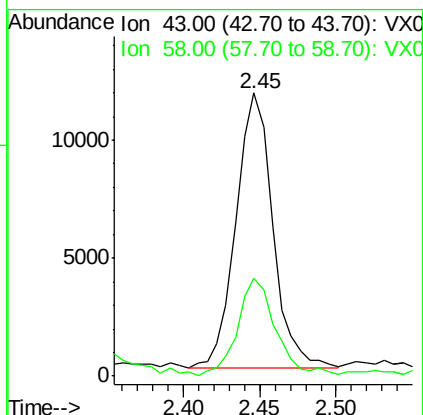
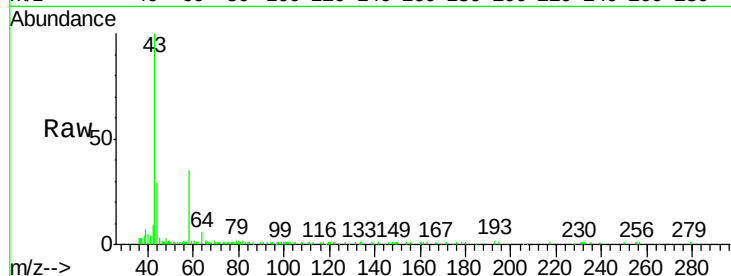




#16
Acetone
Concen: 6.276 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX006654.D
Acq: 19 Dec 2018 22:58

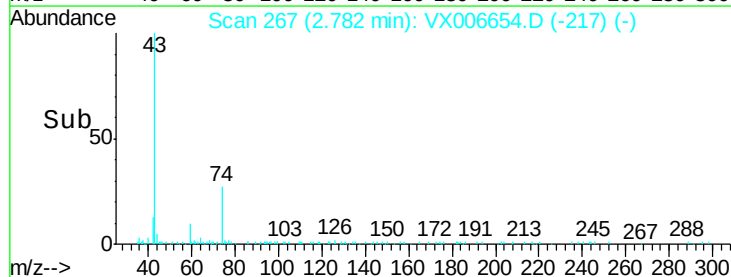
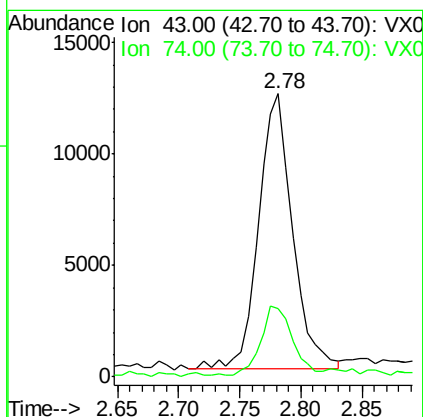
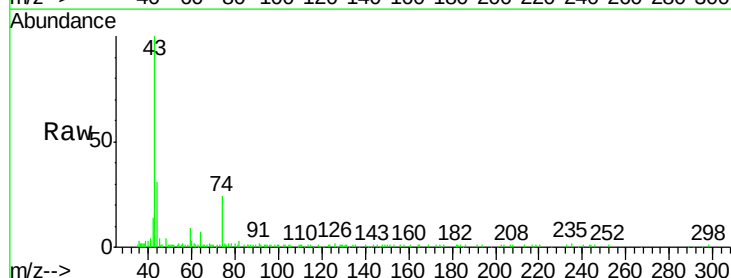
Instrument :
MSVOA_X
ClientSampleId :
SU-02-121818-B

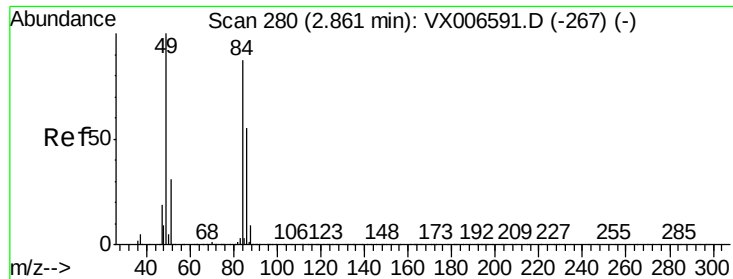
Tot Ion: 43 Resp: 19695
Ion Ratio Lower Upper
43 100
58 35.0 25.0 37.6



#18
Methyl Acetate
Concen: 2.559 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006654.D
Acq: 19 Dec 2018 22:58

Tgt Ion: 43 Resp: 23614
Ion Ratio Lower Upper
43 100
74 24.7 18.6 28.0

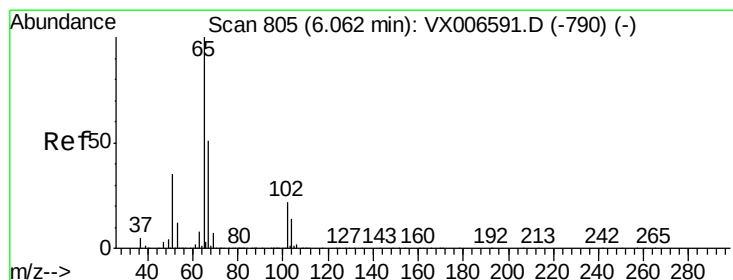
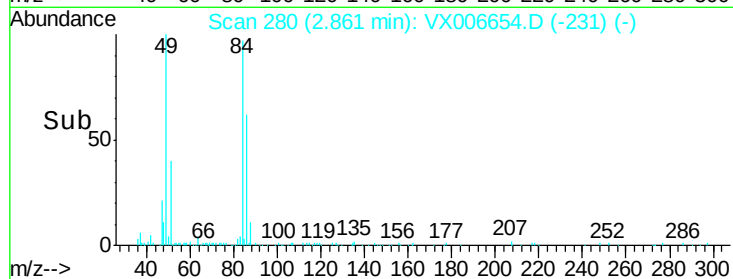
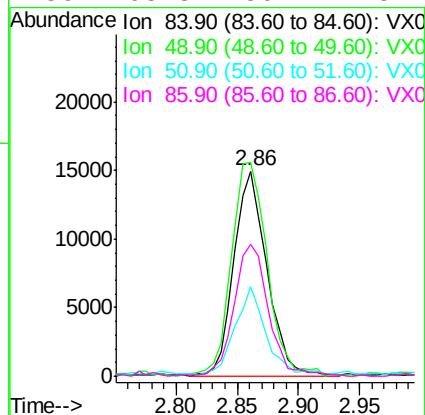
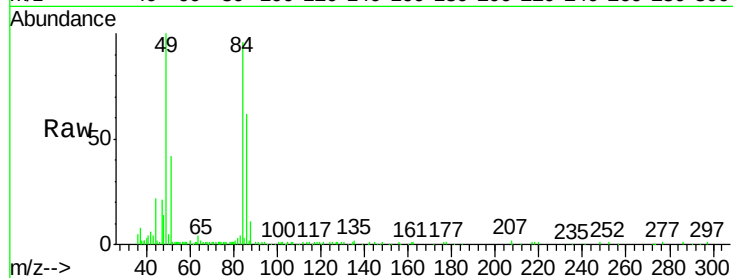




#20
Methylene Chloride
Concen: 4.327 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006654.D
Acq: 19 Dec 2018 22:58

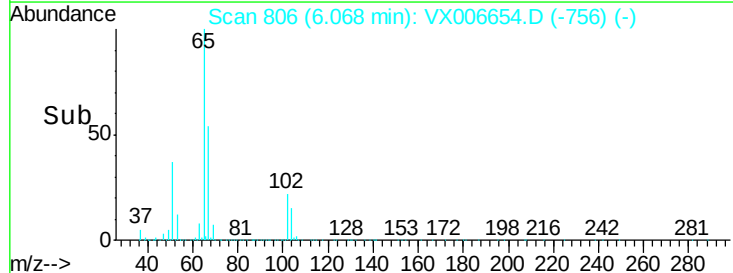
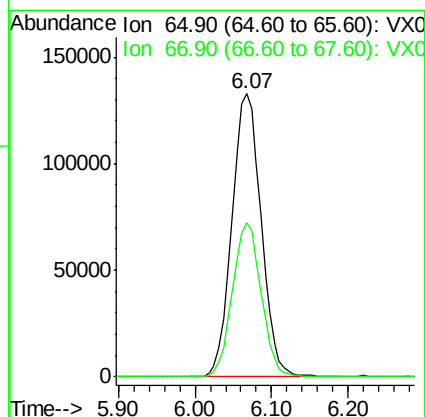
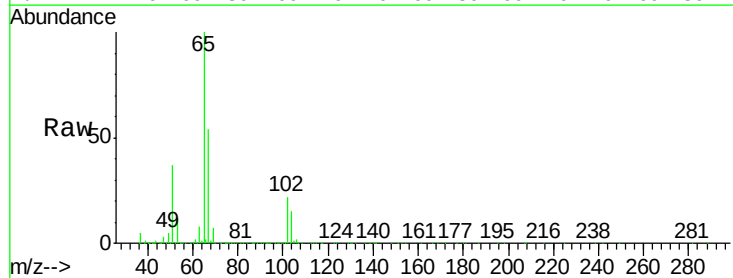
Instrument :
MSVOA_X
ClientSampleId :
SU-02-121818-B

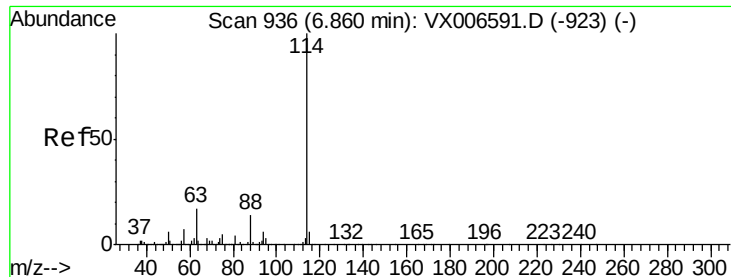
Tot Ion:	84	Resp:	28078
Ion	Ratio	Lower	Upper
84	100		
49	103.7	91.8	137.6
51	42.2	28.5	42.7
86	63.8	50.2	75.2



#33
1,2-Dichloroethane-d4
Concen: 51.315 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX006654.D
Acq: 19 Dec 2018 22:58

Tgt Ion:	65	Resp:	350484
Ion	Ratio	Lower	Upper
65	100		
67	53.8	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: VX006654.D

Acq: 19 Dec 2018 22:58

Instrument :

MSVOA_X

ClientSampleId :

SU-02-121818-B

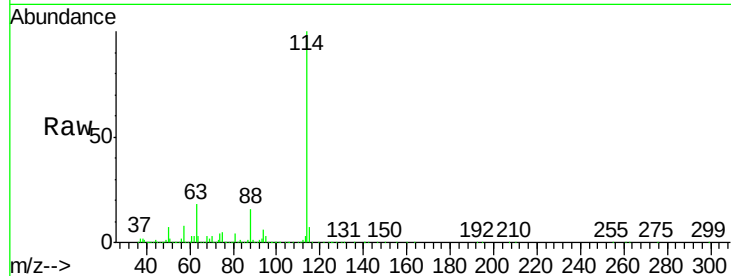
Tot Ion:114 Resp: 1009417

Ion Ratio Lower Upper

114 100

63 18.4 0.0 34.8

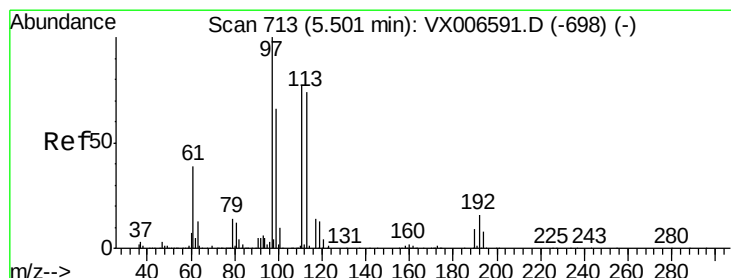
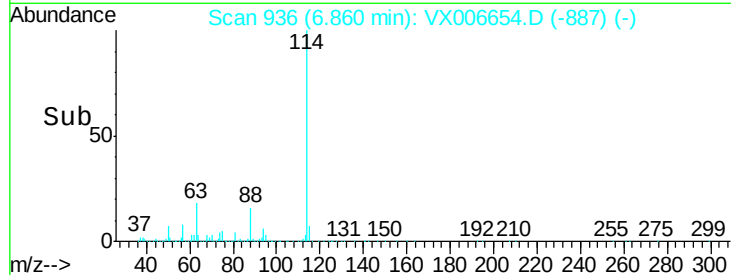
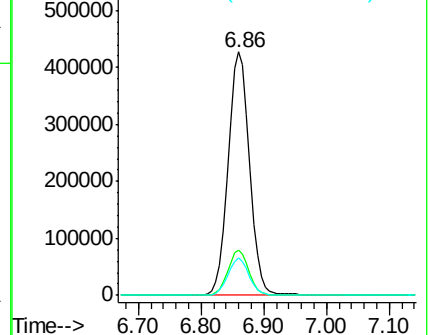
88 15.7 0.0 28.8



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



#35

Dibromofluoromethane

Concen: 46.958 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006654.D

Acq: 19 Dec 2018 22:58

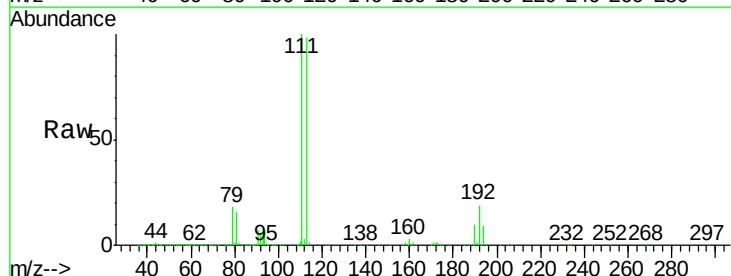
Tgt Ion:113 Resp: 299751

Ion Ratio Lower Upper

113 100

111 101.8 81.6 122.4

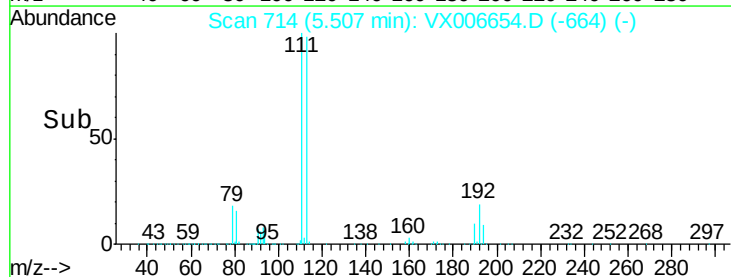
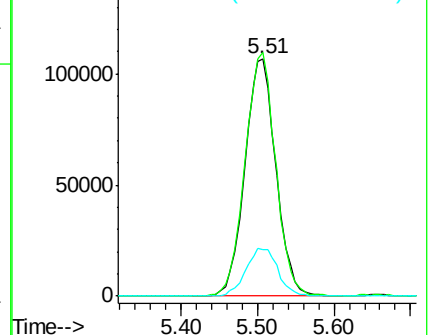
192 20.8 16.7 25.1

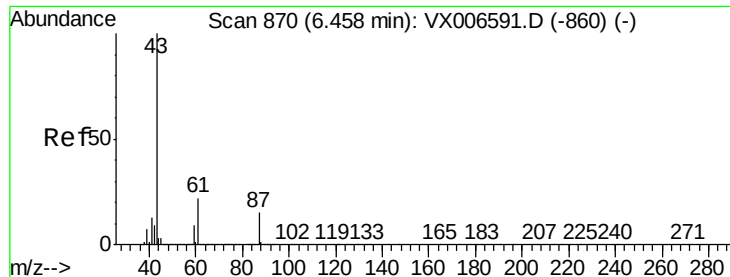


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.218 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX006654.D

Acq: 19 Dec 2018 22:58

Instrument :

MSVOA_X

ClientSampleId :

SU-02-121818-B

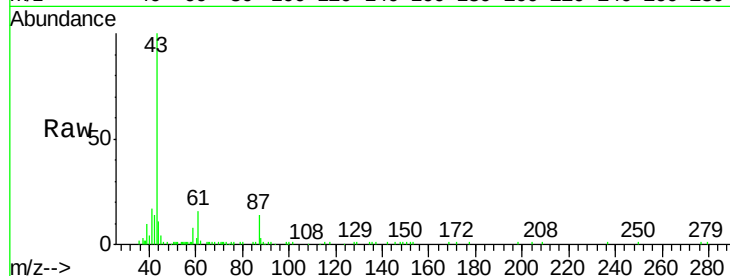
Tot Ion: 43 Resp: 29362

Ion Ratio Lower Upper

43 100

61 22.0 16.8 25.2

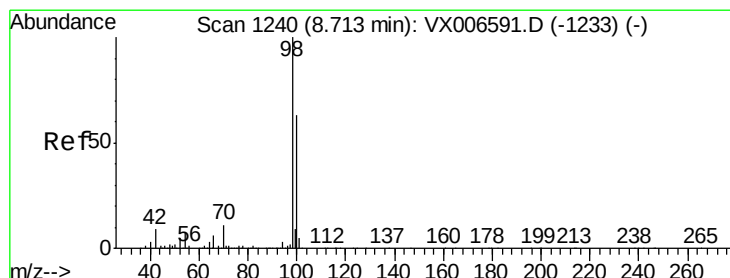
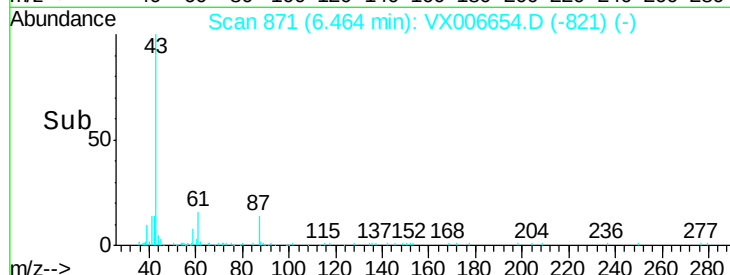
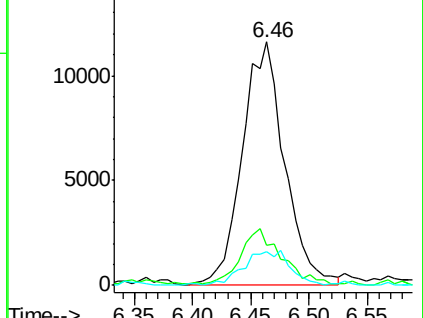
87 15.7 12.4 18.6



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: 51.067 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006654.D

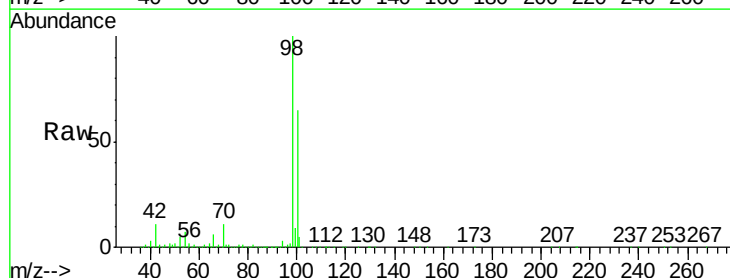
Acq: 19 Dec 2018 22:58

Tgt Ion: 98 Resp: 1228944

Ion Ratio Lower Upper

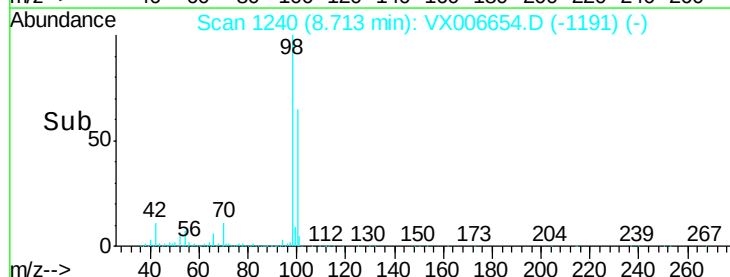
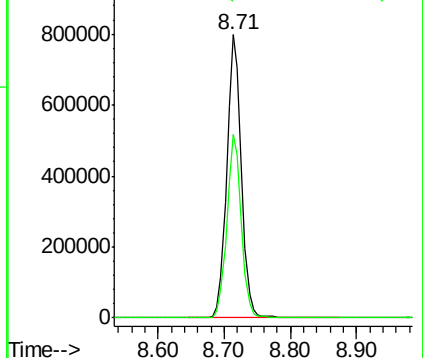
98 100

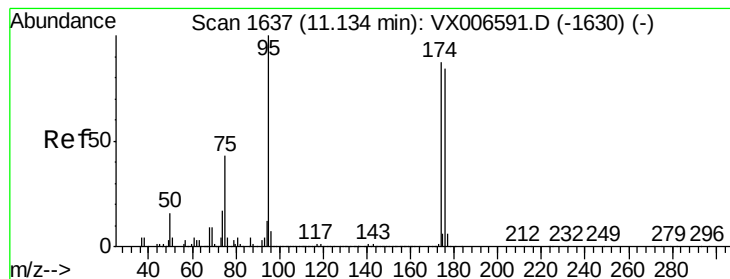
100 64.2 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 50.883 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006654.D

Acq: 19 Dec 2018 22:58

Instrument :

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ClientSampleId :

SU-02-121818-B

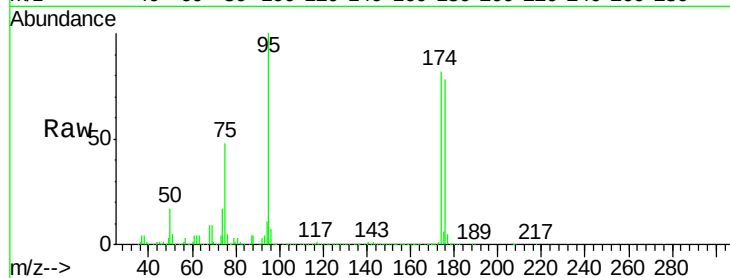
Tot Ion: 95 Resp: 448471

Ion Ratio Lower Upper

95 100

174 87.2 0.0 182.2

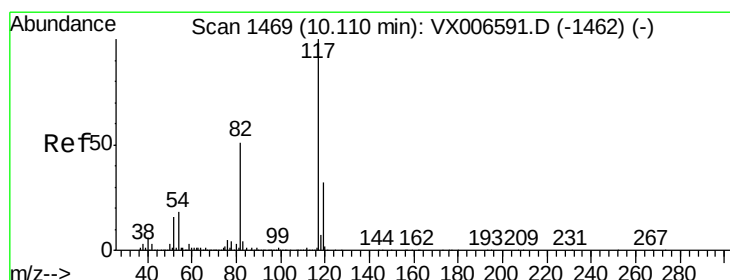
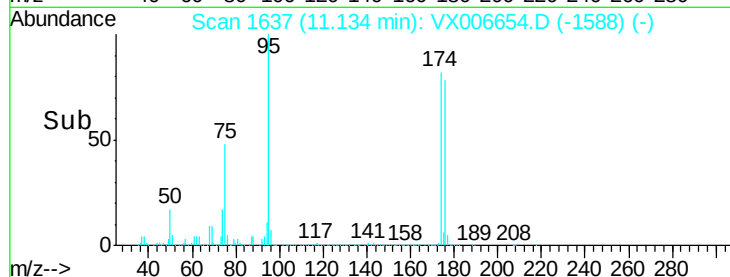
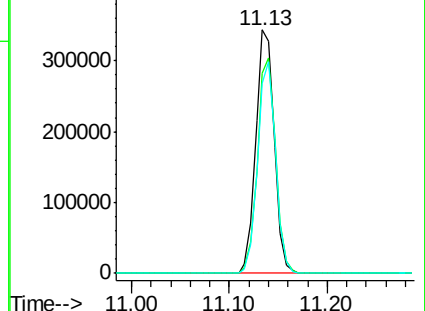
176 84.7 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX006654.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX006654.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX006654.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX006654.D

Acq: 19 Dec 2018 22:58

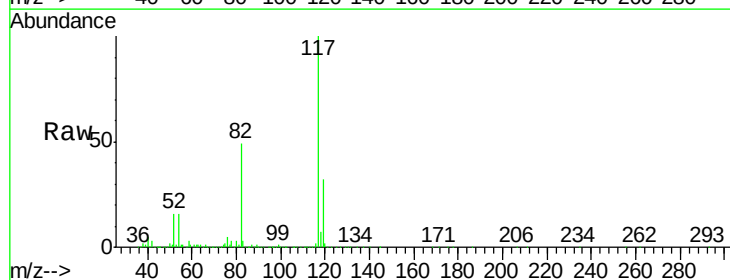
Tgt Ion: 117 Resp: 967630

Ion Ratio Lower Upper

117 100

82 49.4 41.0 61.6

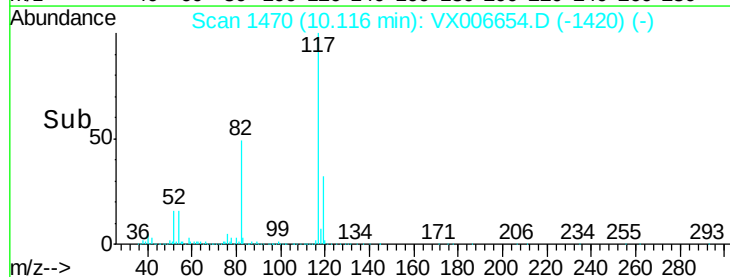
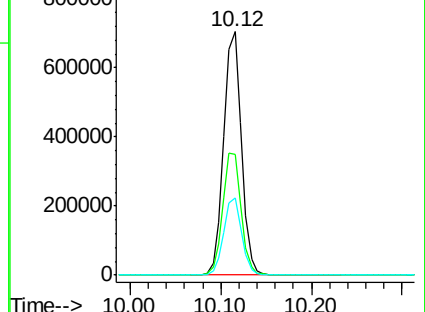
119 31.7 25.4 38.0

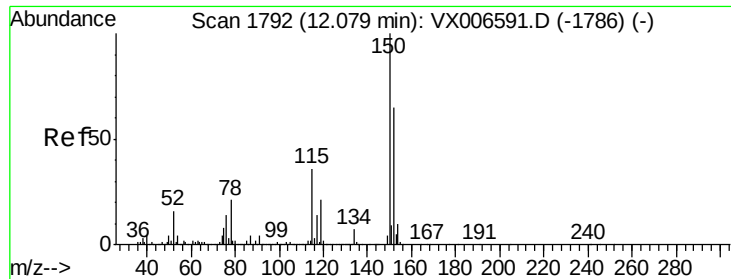


Abundance Ion 116.90 (116.60 to 117.60): VX006654.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX006654.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX006654.D (-1420) (-)

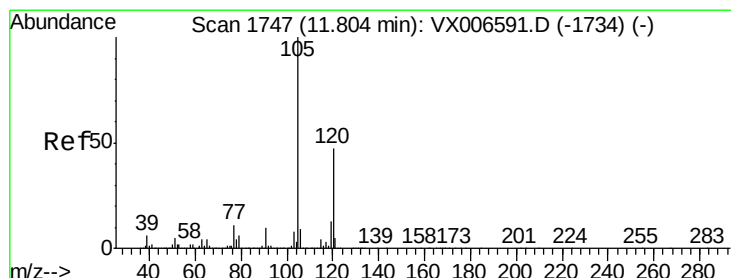
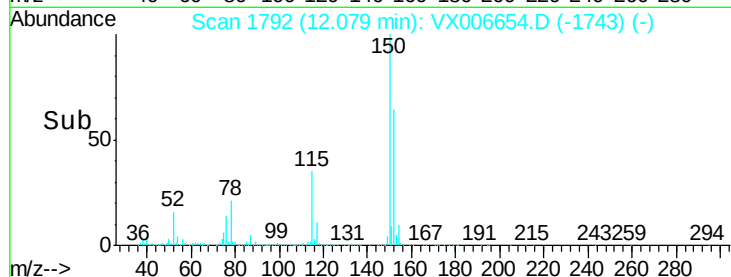
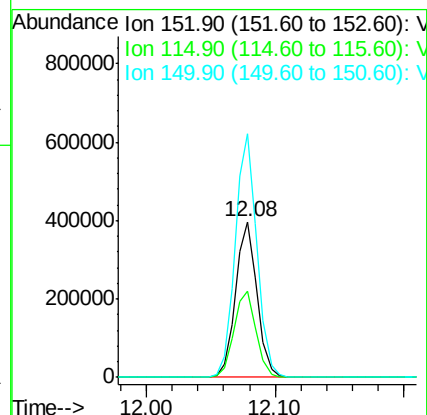
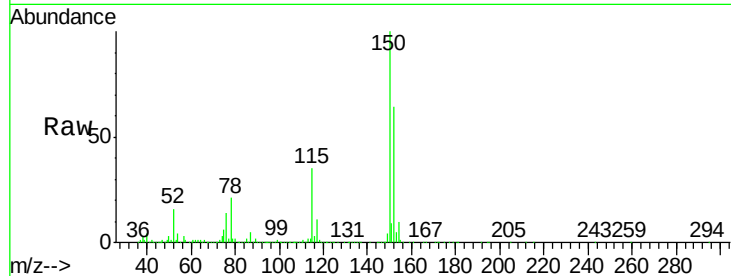




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX006654.D
 Acq: 19 Dec 2018 22:58

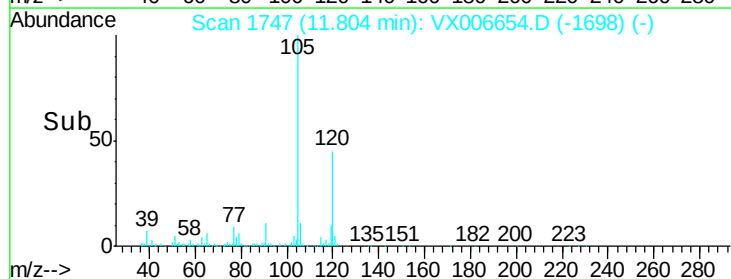
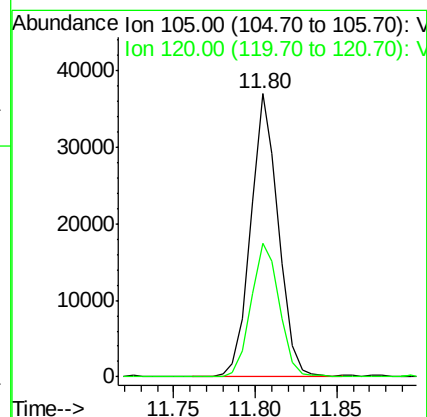
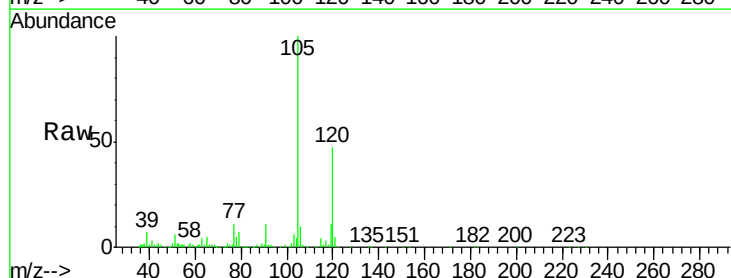
Instrument :
 MSVOA_X
 ClientSampleId :
 SU-02-121818-B

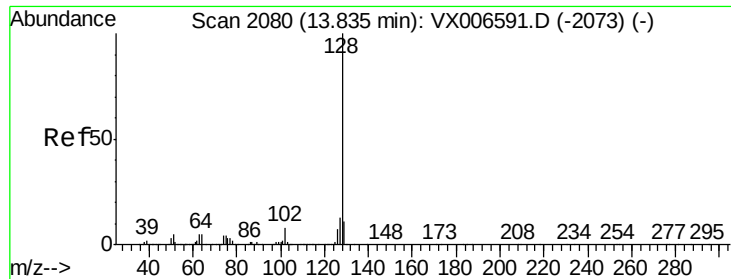
Tot Ion	Ratio	Lower	Upper
152	100		
115	57.1	39.1	117.2
150	158.1	0.0	344.8



#84
 1,2,4-Trimethylbenzene
 Concen: 1.595 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX006654.D
 Acq: 19 Dec 2018 22:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.5	23.2	69.6





#95

Naphthalene

Concen: 2.949 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006654.D

Acq: 19 Dec 2018 22:58

Instrument :

MSVOA_X

ClientSampleId :

SU-02-121818-B

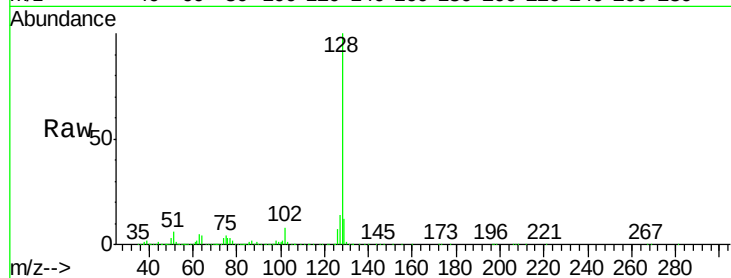
Tot Ion:128 Resp: 100331

Ion Ratio Lower Upper

128 100

127 12.6 10.1 15.1

129 12.0 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

