

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112719\
 Data File : VX013687.D
 Acq On : 28 Nov 2019 05:51
 Operator : JC/SP
 Sample : K5965-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S39-0188

Quant Time: Nov 29 01:34:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

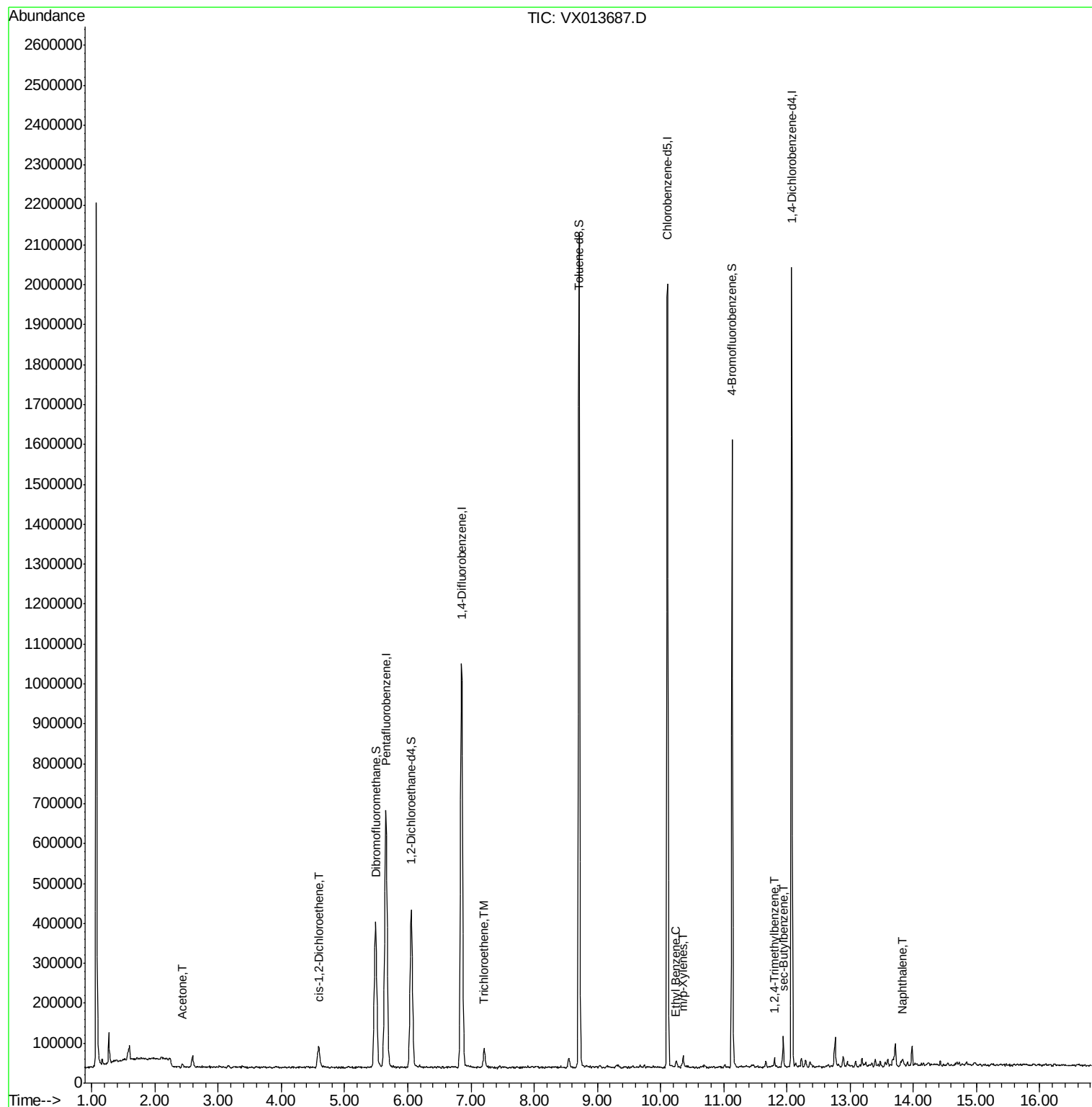
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	676021	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1052593	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	934878	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	418947	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	379841	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
35) Dibromofluoromethane	5.49	113	313654	48.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.40%	
50) Toluene-d8	8.71	98	1246940	49.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.36%	
62) 4-Bromofluorobenzene	11.14	95	418480	45.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.54%	
Target Compounds						
					Qvalue	
16) Acetone	2.43	43	6771	1.748	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	32992	4.099	ug/l	90
44) Trichloroethene	7.21	130	21147	2.648	ug/l	86
67) Ethyl Benzene	10.25	91	10606	0.318	ug/l	97
68) m/p-Xylenes	10.36	106	6596	0.517	ug/l	78
84) 1,2,4-Trimethylbenzene	11.81	105	11131	0.455	ug/l	86
85) sec-Butylbenzene	11.94	105	42918	1.535	ug/l	96
95) Naphthalene	13.83	128	12648	0.446	ug/l #	82

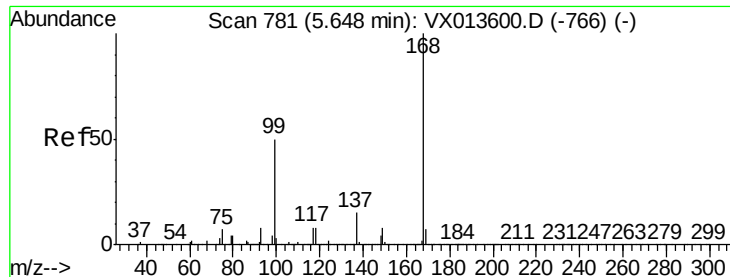
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013687.D

Acq: 28 Nov 2019 05:51

Instrument :

MSVOA_X

ClientSampled :

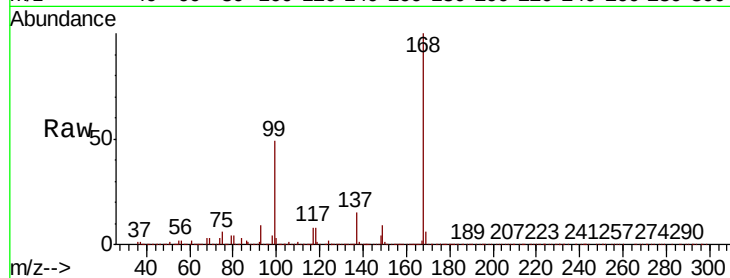
S39-0188

Tot Ion:168 Resp: 676021

Ion Ratio Lower Upper

168 100

99 48.8 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

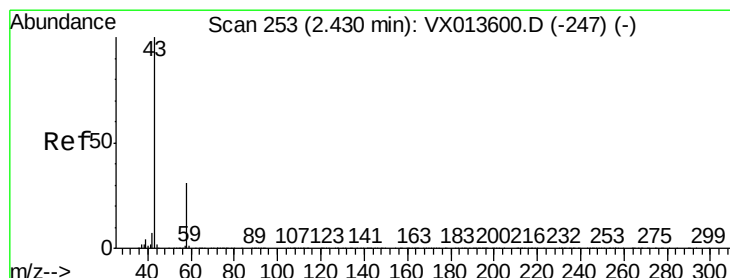
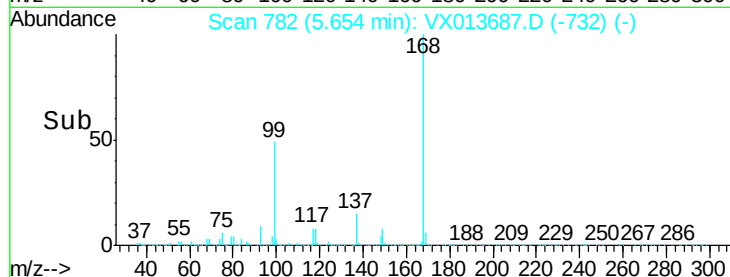
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.748 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013687.D

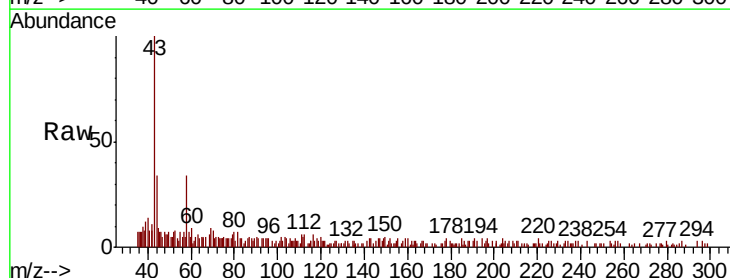
Acq: 28 Nov 2019 05:51

Tgt Ion: 43 Resp: 6771

Ion Ratio Lower Upper

43 100

58 32.4 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

5000

4000

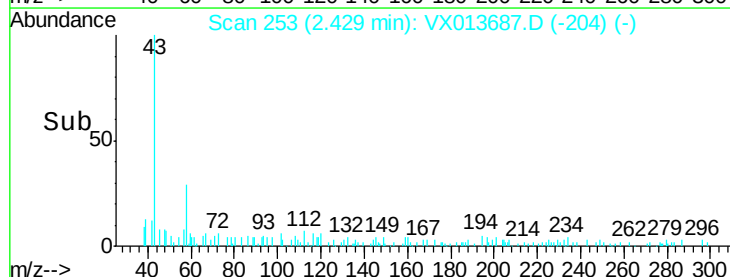
3000

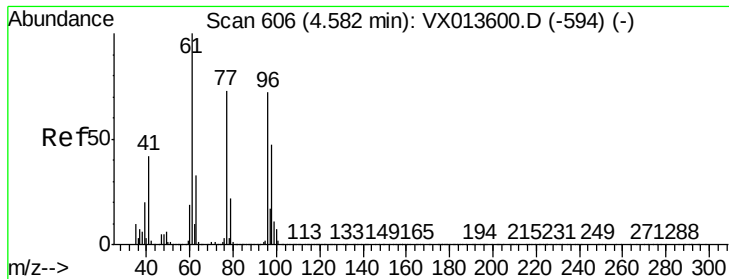
2000

1000

0

Time-->



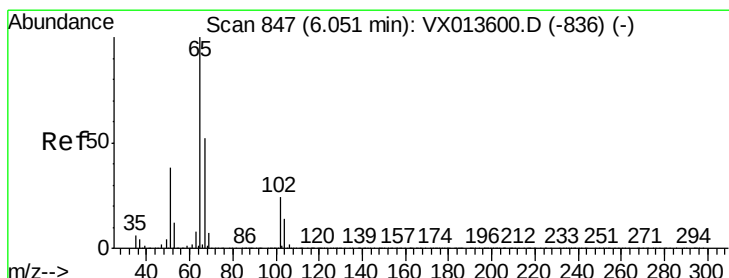
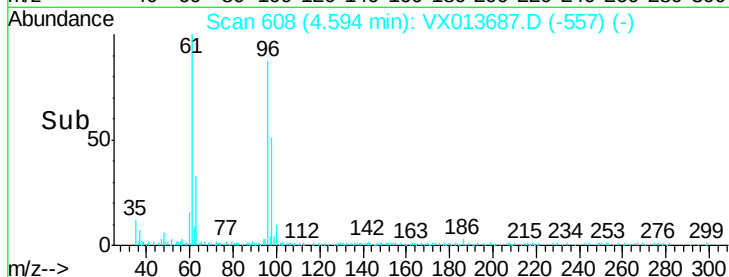
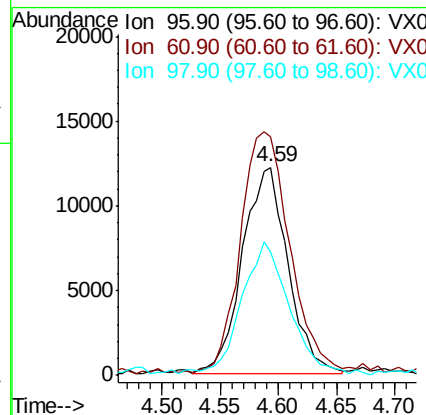
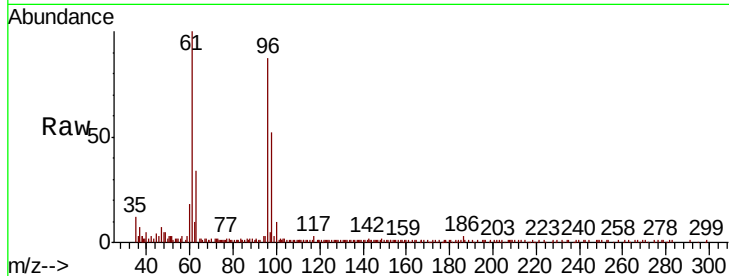


#27

cis-1,2-Dichloroethene
Concen: 4.099 ug/l
RT: 4.59 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX013687.D
Acq: 28 Nov 2019 05:51

Instrument :
MSVOA_X
ClientSampleId :
S39-0188

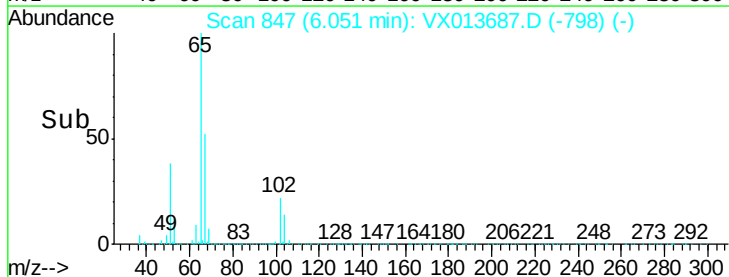
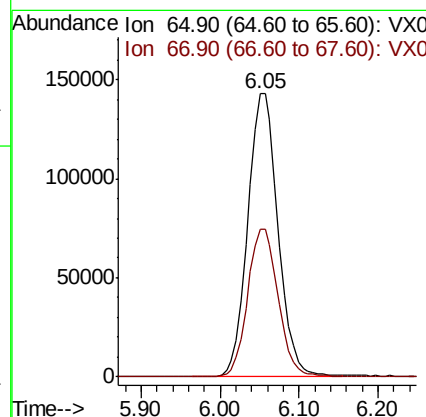
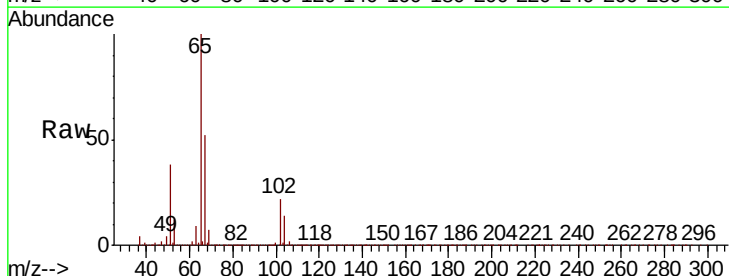
Tot Ion: 96 Resp: 32992
Ion Ratio Lower Upper
96 100
61 127.4 0.0 286.4
98 66.9 0.0 127.4

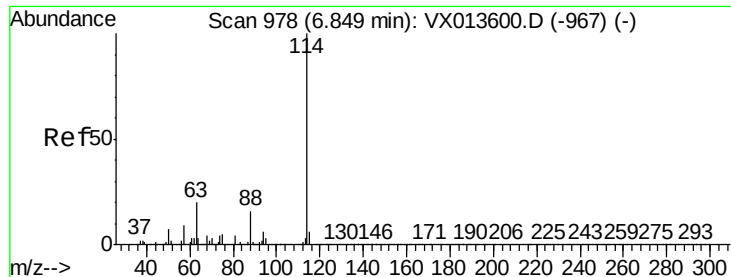


#33

1,2-Dichloroethane-d4
Concen: 48.405 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX013687.D
Acq: 28 Nov 2019 05:51

Tgt Ion: 65 Resp: 379841
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013687.D

Acq: 28 Nov 2019 05:51

Instrument :

MSVOA_X

ClientSampleId :

S39-0188

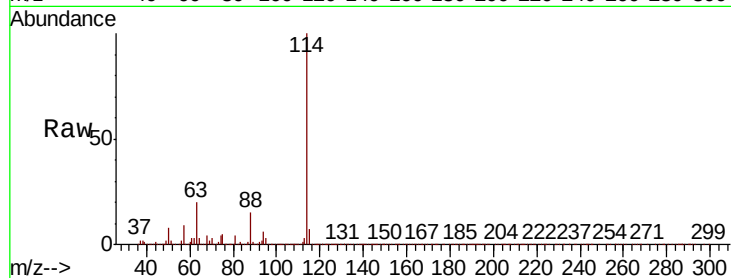
Tot Ion:114 Resp: 1052593

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.6

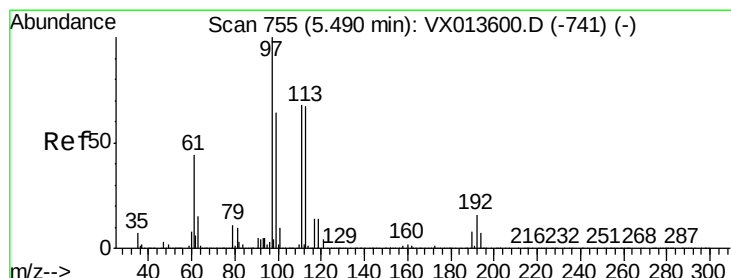
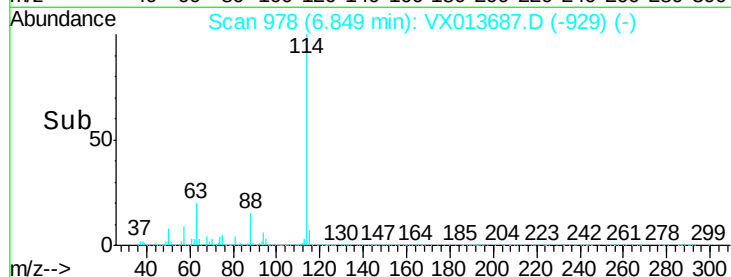
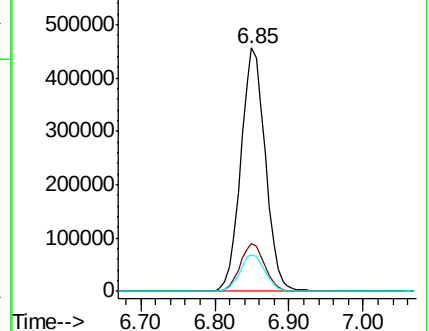
88 15.1 0.0 31.4



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: 48.201 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013687.D

Acq: 28 Nov 2019 05:51

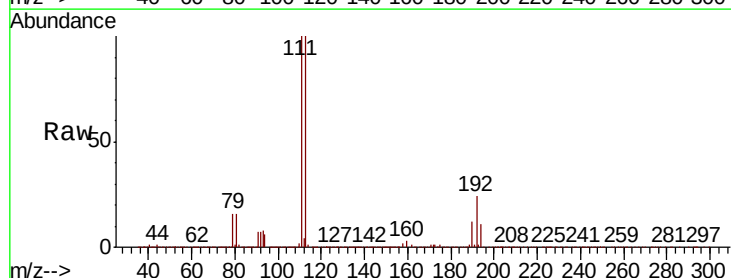
Tgt Ion:113 Resp: 313654

Ion Ratio Lower Upper

113 100

111 101.6 83.6 125.4

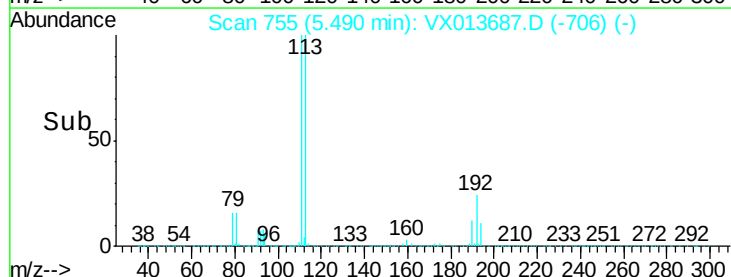
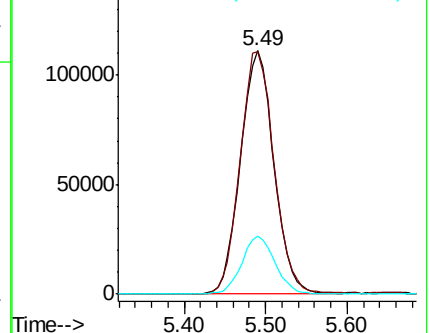
192 24.1 19.2 28.8

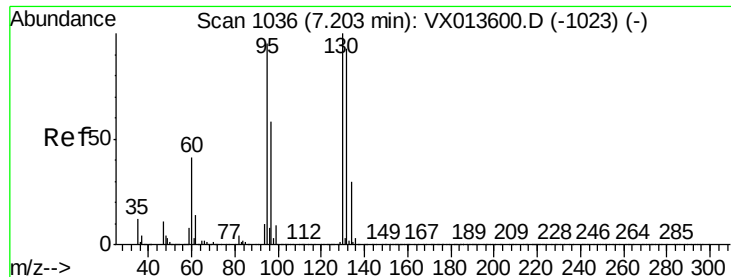


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 2.648 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013687.D

Acq: 28 Nov 2019 05:51

Instrument :

MSVOA_X

ClientSampleId :

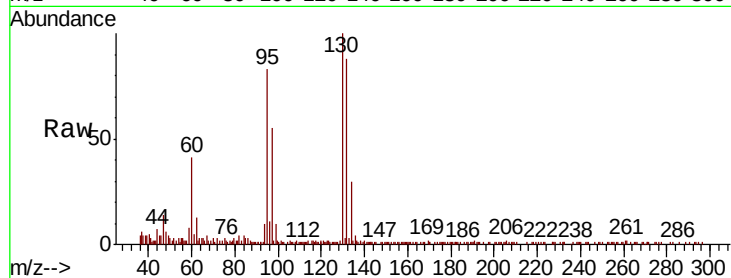
S39-0188

Tot Ion:130 Resp: 21147

Ion Ratio Lower Upper

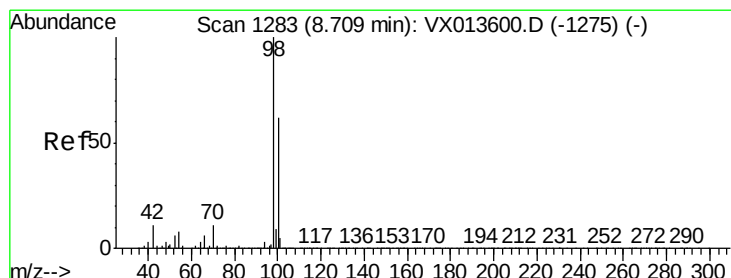
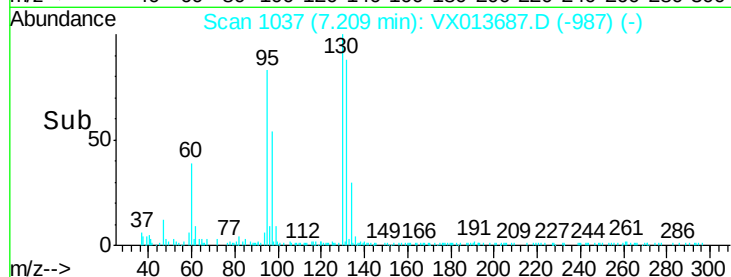
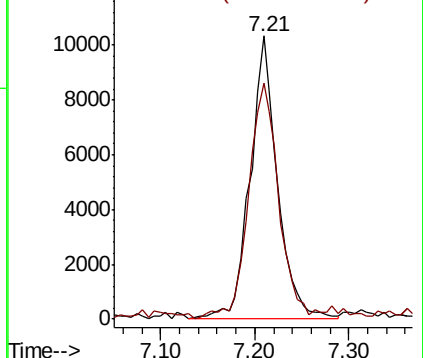
130 100

95 82.1 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 49.183 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013687.D

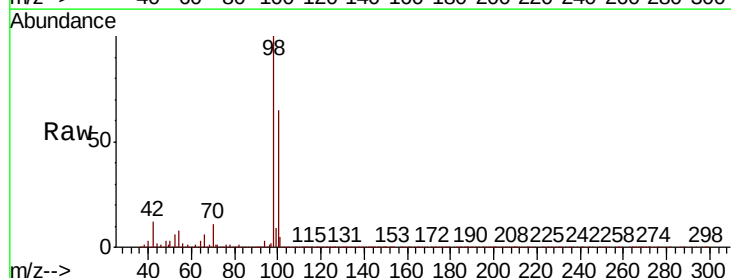
Acq: 28 Nov 2019 05:51

Tgt Ion: 98 Resp: 1246940

Ion Ratio Lower Upper

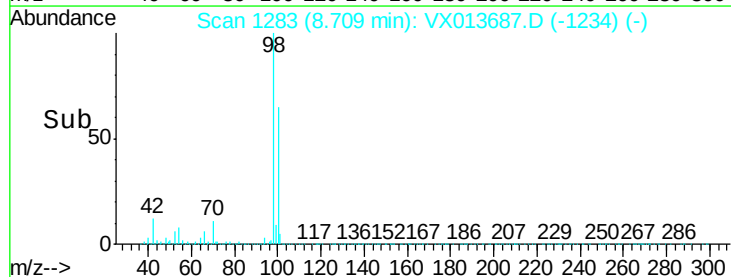
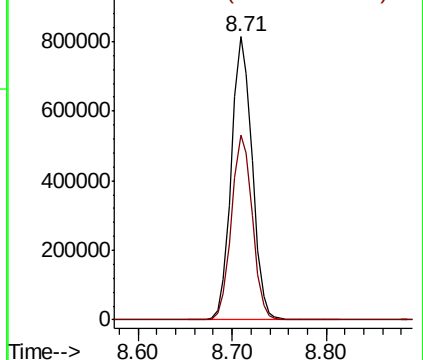
98 100

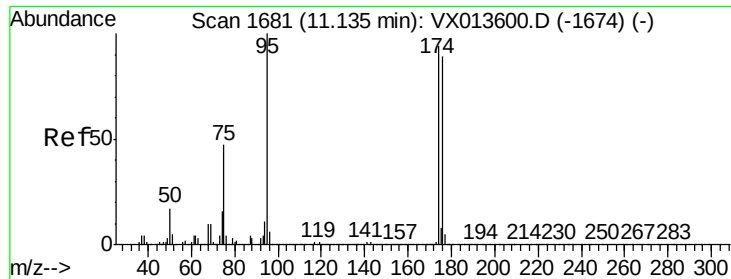
100 65.6 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 45.774 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013687.D

Acq: 28 Nov 2019 05:51

Instrument :

MSVOA_X

ClientSampleId :

S39-0188

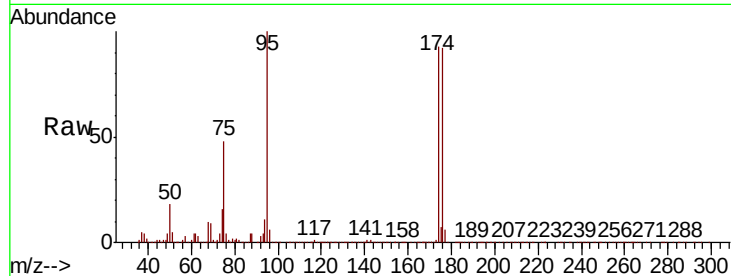
Tot Ion: 95 Resp: 418480

Ion Ratio Lower Upper

95 100

174 89.9 0.0 180.0

176 88.5 0.0 173.6

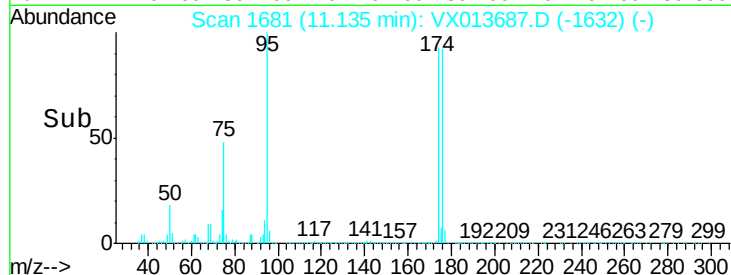


Abundance Ion 94.90 (94.60 to 95.60): VX0

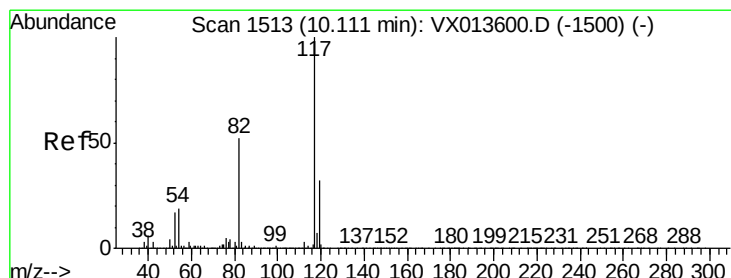
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

Time-->



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013687.D

Acq: 28 Nov 2019 05:51

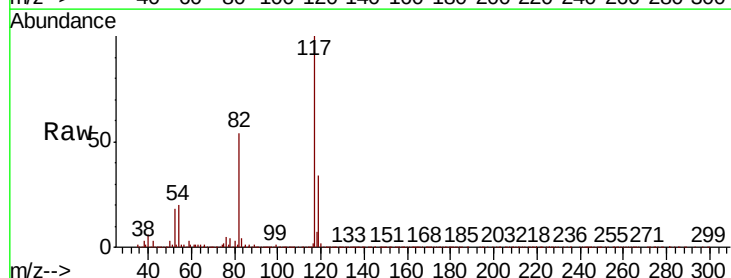
Tgt Ion: 117 Resp: 934878

Ion Ratio Lower Upper

117 100

82 53.5 41.8 62.8

119 34.0 25.8 38.8

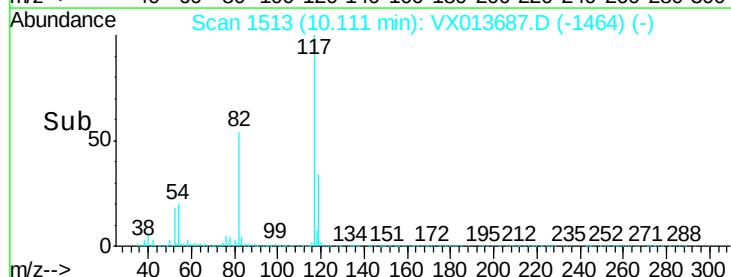


Abundance Ion 116.90 (116.60 to 117.60): V

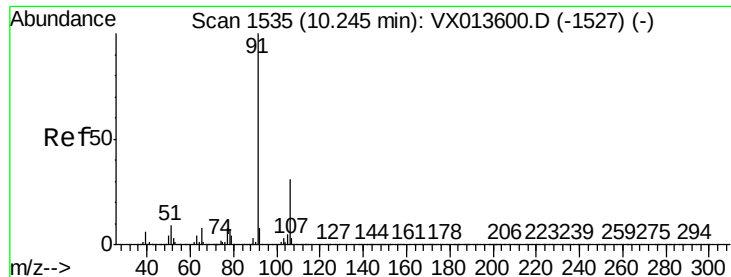
Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

Time-->



Time-->



#67

Ethyl Benzene

Concen: 0.318 ug/l

RT: 10.25 min Scan# 1536

Delta R.T. 0.01 min

Lab File: VX013687.D

Acq: 28 Nov 2019 05:51

Instrument :

MSVOA_X

ClientSampleId :

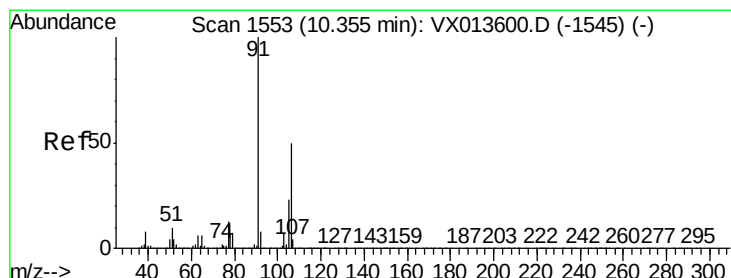
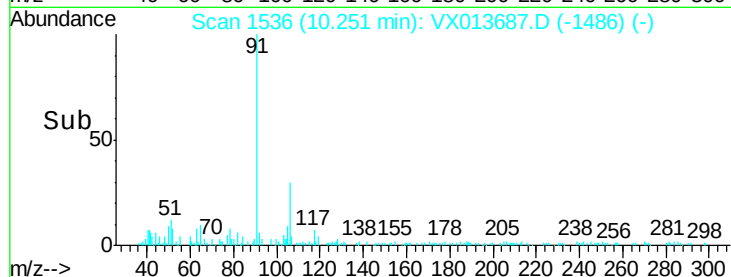
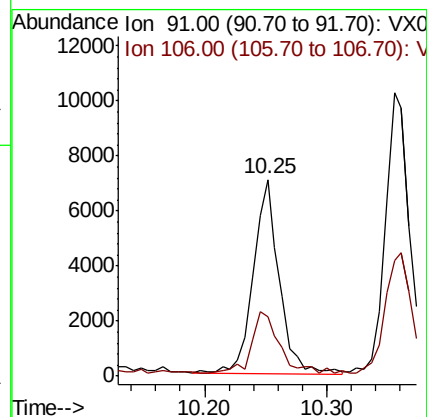
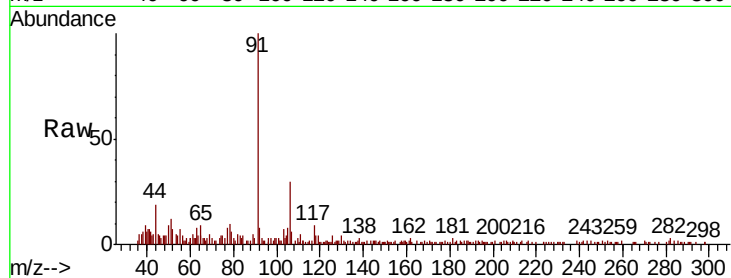
S39-0188

Tot Ion: 91 Resp: 10606

Ion Ratio Lower Upper

91 100

106 28.8 24.5 36.7



#68

m/p-Xylenes

Concen: 0.517 ug/l

RT: 10.36 min Scan# 1554

Delta R.T. 0.01 min

Lab File: VX013687.D

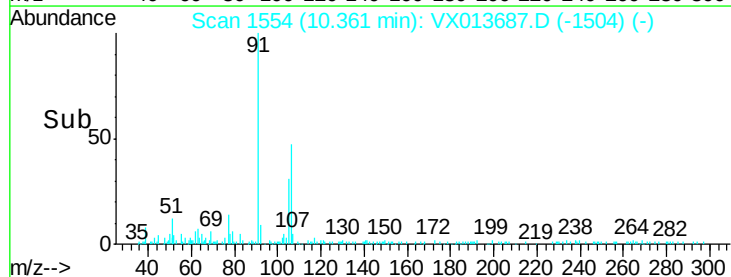
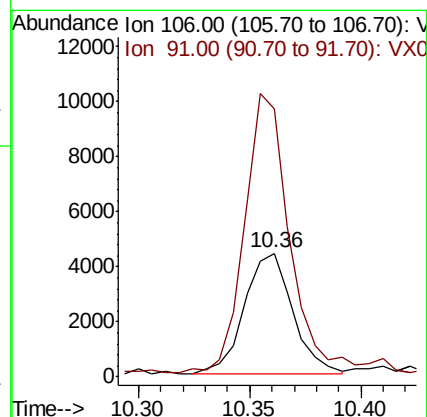
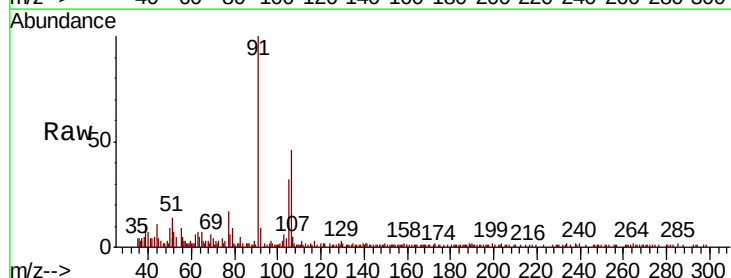
Acq: 28 Nov 2019 05:51

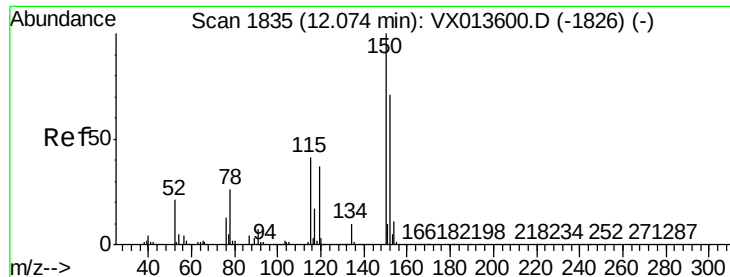
Tgt Ion: 106 Resp: 6596

Ion Ratio Lower Upper

106 100

91 231.9 159.0 238.4



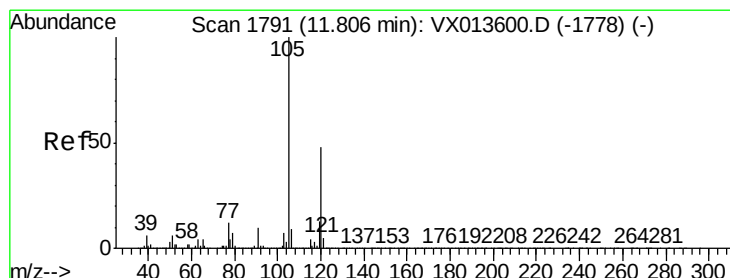
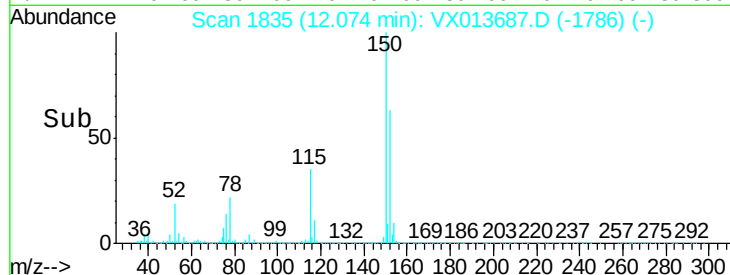
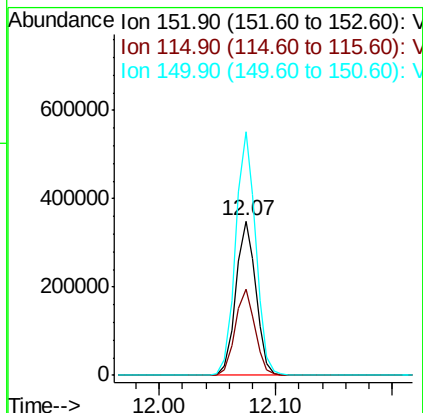
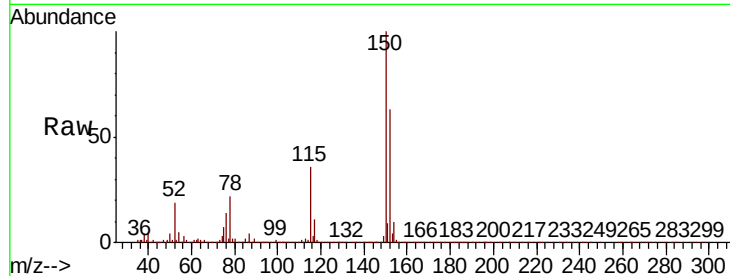


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013687.D
Acq: 28 Nov 2019 05:51

Instrument :
MSVOA_X
ClientSampleId :
S39-0188

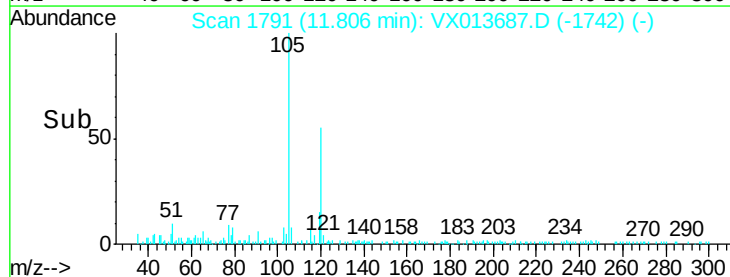
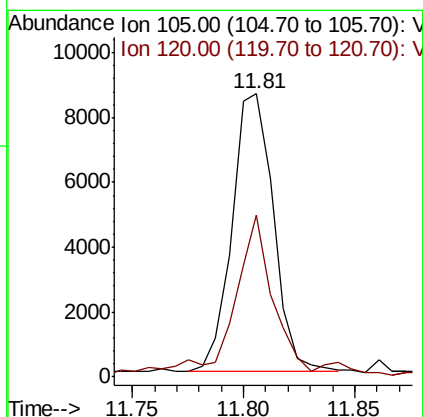
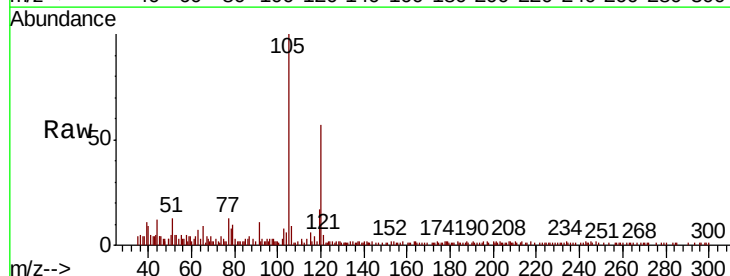
Tot Ion	Ratio	Lower	Upper
152	100		
115	55.7	38.4	115.1
150	157.9	0.0	346.8

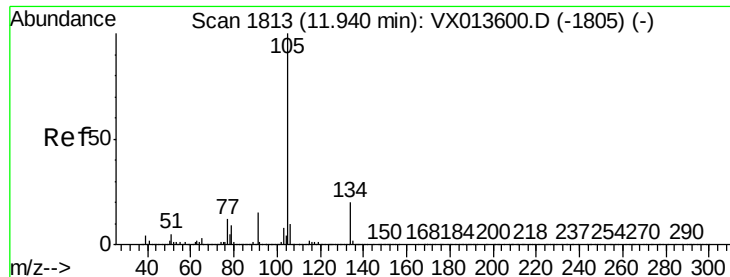


#84

1,2,4-Trimethylbenzene
Concen: 0.455 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX013687.D
Acq: 28 Nov 2019 05:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	55.2	23.1	69.3





#85

sec-Butylbenzene

Concen: 1.535 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013687.D

Acq: 28 Nov 2019 05:51

Instrument :

MSVOA_X

ClientSampleId :

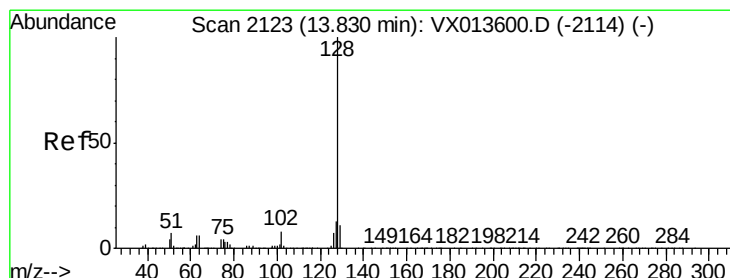
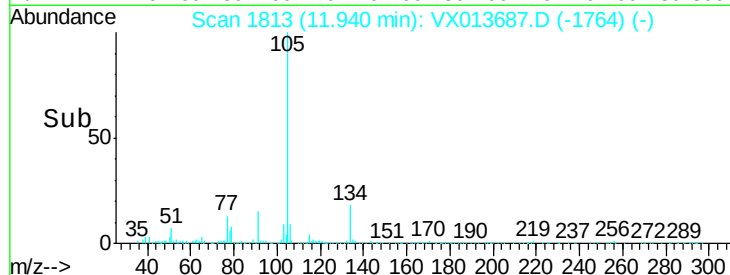
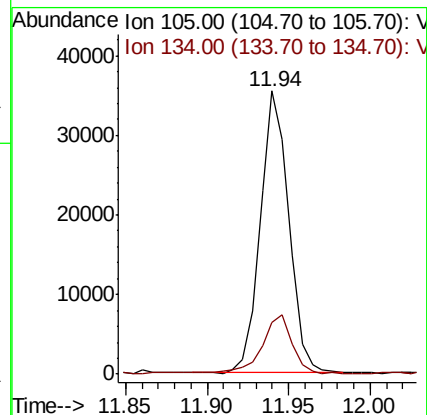
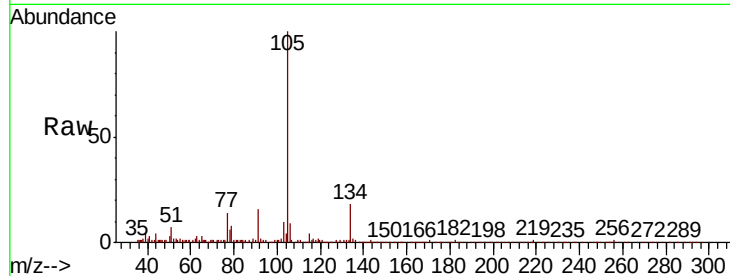
S39-0188

Tot Ion:105 Resp: 42918

Ion Ratio Lower Upper

105 100

134 22.8 10.4 31.2



#95

Naphthalene

Concen: 0.446 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013687.D

Acq: 28 Nov 2019 05:51

Tgt Ion:128 Resp: 12648

Ion Ratio Lower Upper

128 100

127 14.7 10.3 15.5

129 23.3 8.7 13.1#

