

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\
 Data File : VX002544.D
 Acq On : 14 Jun 2018 08:01
 Operator : JC/MD
 Sample : J3383-13
 Misc : 6.20g/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-42RR

Quant Time: Jun 14 08:28:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	314121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	452346	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	455094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	288418	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	201667	44.52	ug/l	0.00
Spiked Amount			Recovery	=	89.04%	
35) Dibromofluoromethane	5.51	113	148855	41.85	ug/l	0.00
Spiked Amount			Recovery	=	83.70%	
50) Toluene-d8	8.72	98	731599	53.66	ug/l	0.00
Spiked Amount			Recovery	=	107.32%	
62) 4-Bromofluorobenzene	11.15	95	317093	60.31	ug/l	0.00
Spiked Amount			Recovery	=	120.62%	

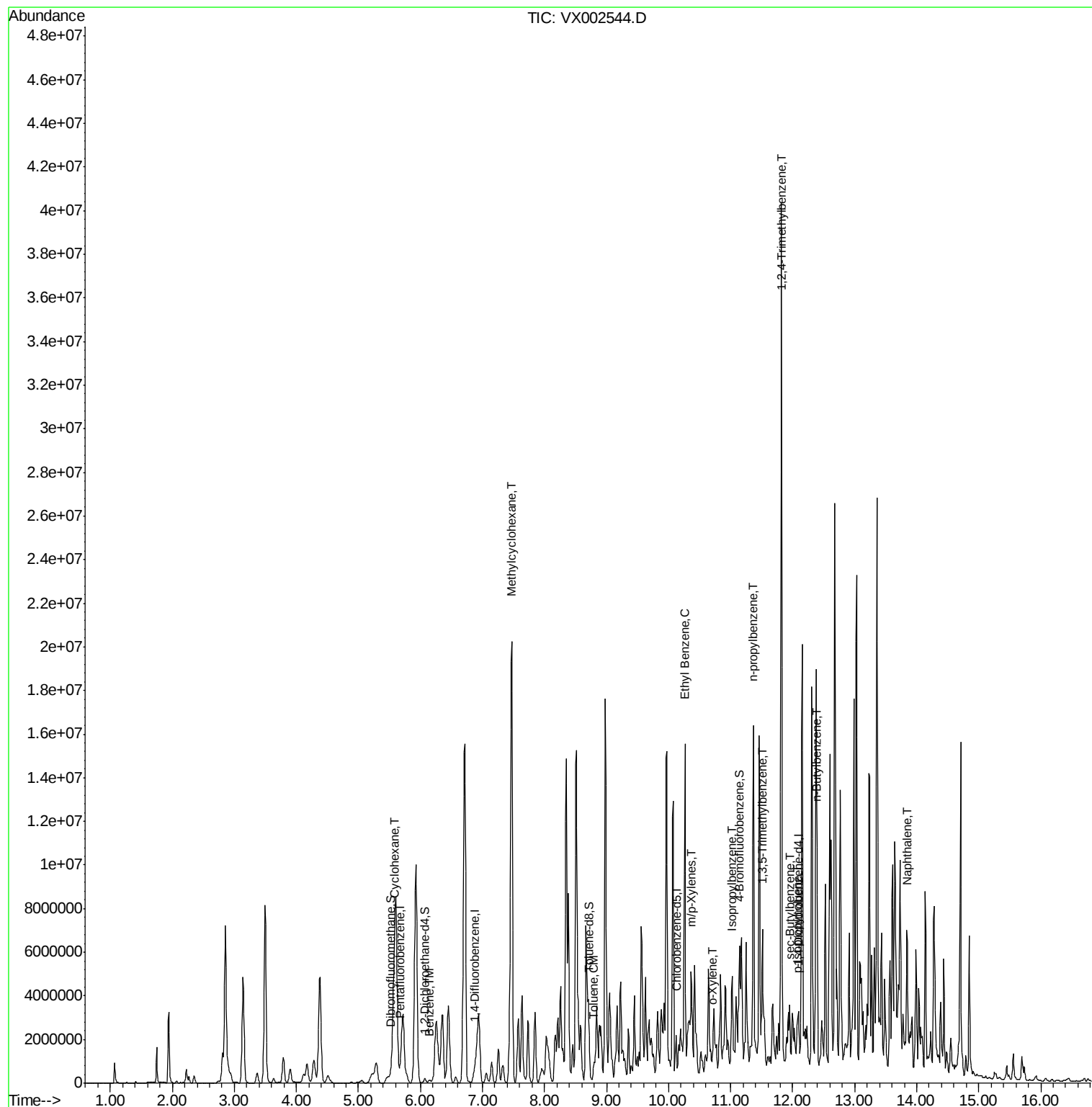
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.57	56	4320251	761.715	ug/l #	93
39) Methylcyclohexane	7.47	83	8753023	1482.289	ug/l	99
40) Benzene	6.14	78	149666	10.264	ug/l	99
52) Toluene	8.79	92	145449	15.684	ug/l	98
67) Ethyl Benzene	10.26	91	7950105	419.510	ug/l	95
68) m/p-Xylenes	10.37	106	708814	96.218	ug/l	98
69) o-Xylene	10.71	106	57973	7.908	ug/l	100
73) Isopropylbenzene	11.02	105	1698538	84.657	ug/l	100
78) n-propylbenzene	11.37	91	9230570	413.920	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	2509284	145.812	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	13590933	767.208	ug/l	72
85) sec-Butylbenzene	11.95	105	967174	49.230	ug/l #	56
86) p-Isopropyltoluene	12.07	119	414370	23.156	ug/l	97
89) n-Butylbenzene	12.40	91	3731177	248.611	ug/l #	50
95) Naphthalene	13.84	128	3799986	181.009	ug/l #	96

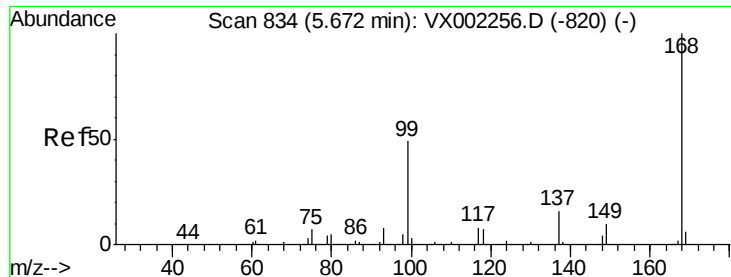
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061318\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002544.D

Acq: 14 Jun 2018 08:01

Instrument :

MSVOA_X

ClientSampleId :

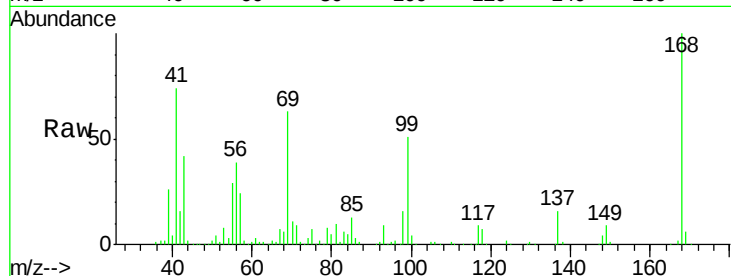
B-42RR

Tot Ion:168 Resp: 314121

Ion Ratio Lower Upper

168 100

99 50.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

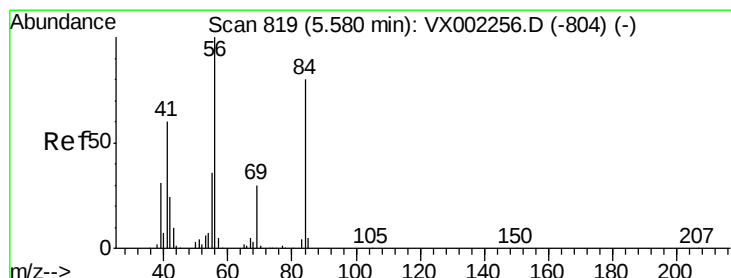
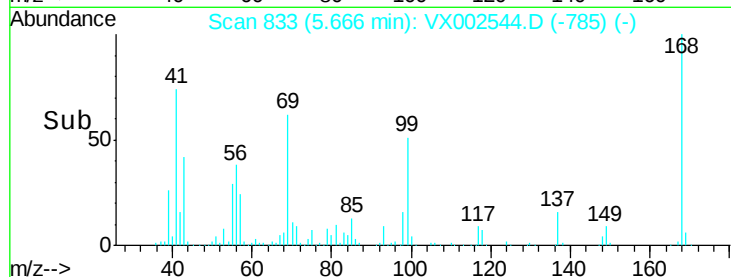
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#31

Cyclohexane

Concen: 761.715 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002544.D

Acq: 14 Jun 2018 08:01

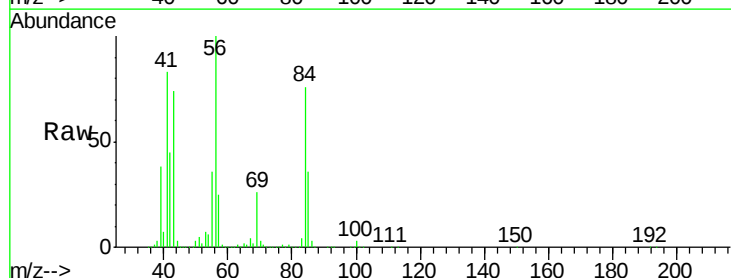
Tgt Ion: 56 Resp: 4320251

Ion Ratio Lower Upper

56 100

69 22.6 23.7 35.5#

84 76.2 64.1 96.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

5.57

1200000

1000000

800000

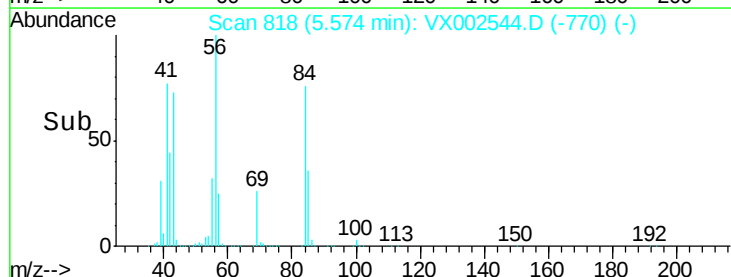
600000

400000

200000

0

Time--> 5.50 5.60 5.70

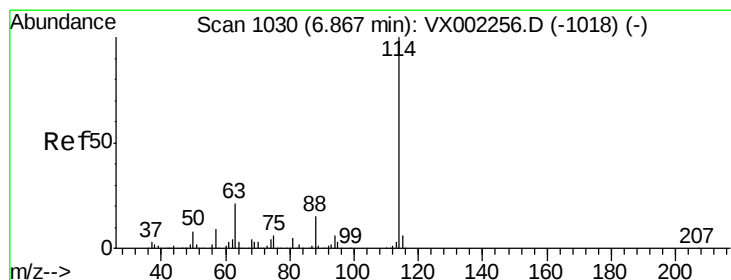
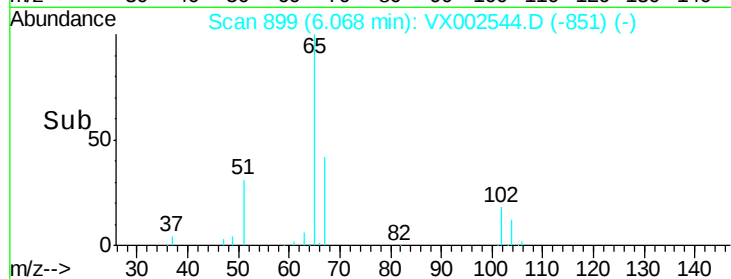
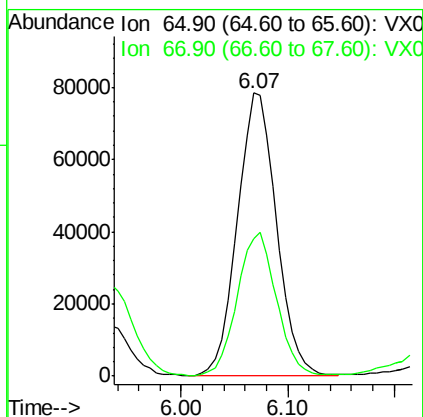
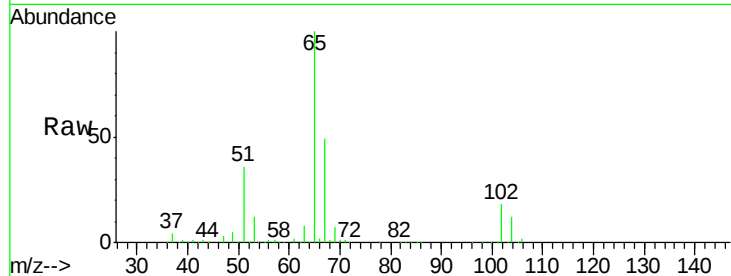




#33
 1,2-Dichloroethane-d4
 Concen: 44.516 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX002544.D
 Acq: 14 Jun 2018 08:01

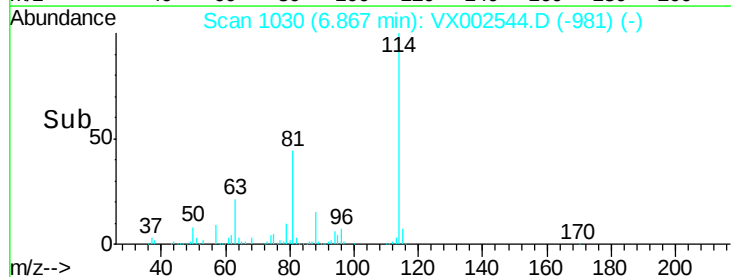
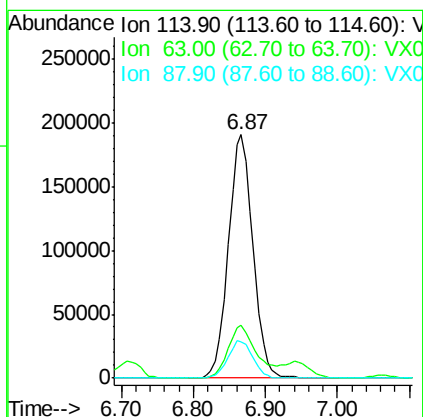
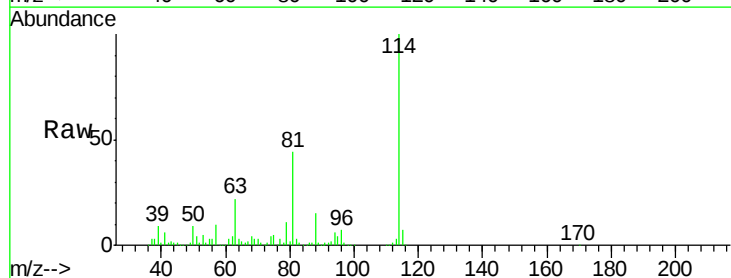
Instrument :
 MSVOA_X
 ClientSampleId :
 B-42RR

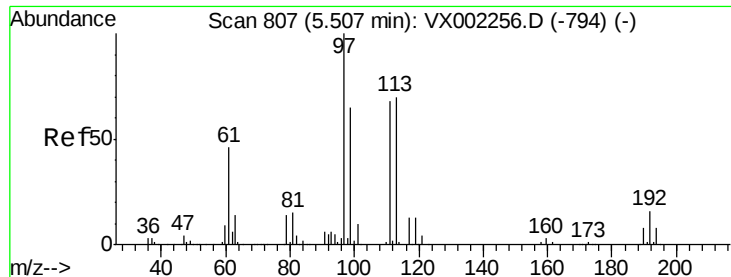
Tot Ion: 65 Resp: 201667
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002544.D
 Acq: 14 Jun 2018 08:01

Tgt Ion: 114 Resp: 452346
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 41.4
 88 14.9 0.0 30.0





#35

Dibromofluoromethane

Concen: 41.845 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002544.D

Acq: 14 Jun 2018 08:01

Instrument :

MSVOA_X

ClientSampleId :

B-42RR

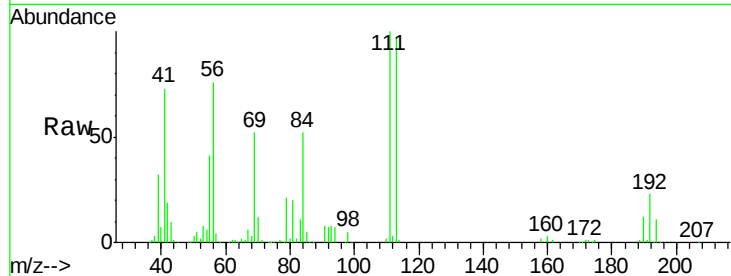
Tot Ion:113 Resp: 148855

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

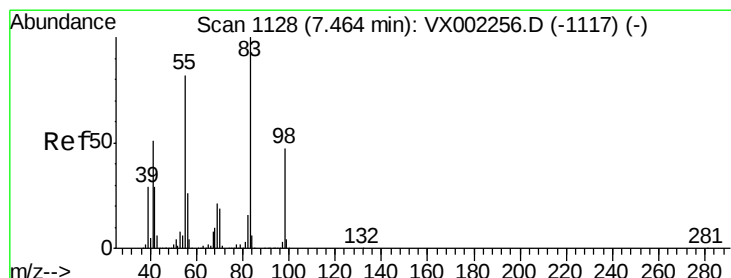
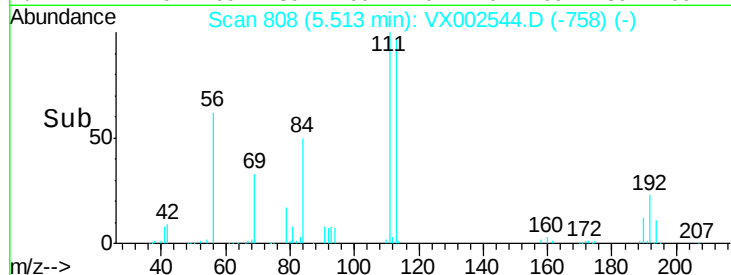
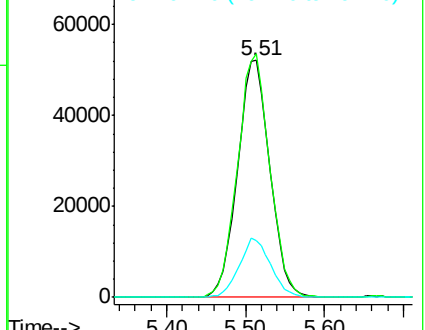
192 24.2 19.1 28.7



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



#39

Methylcyclohexane

Concen: 1482.289 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. 0.01 min

Lab File: VX002544.D

Acq: 14 Jun 2018 08:01

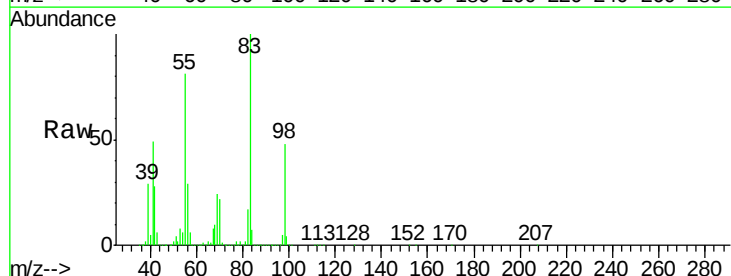
Tgt Ion: 83 Resp: 8753023

Ion Ratio Lower Upper

83 100

55 81.3 65.4 98.0

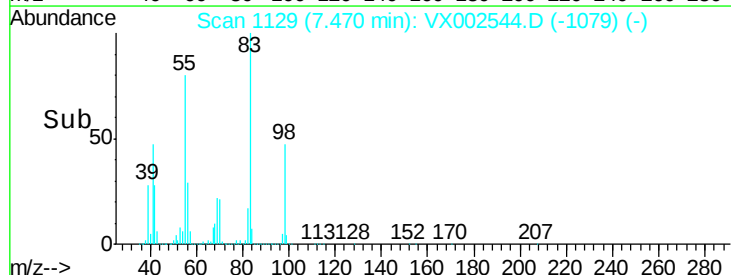
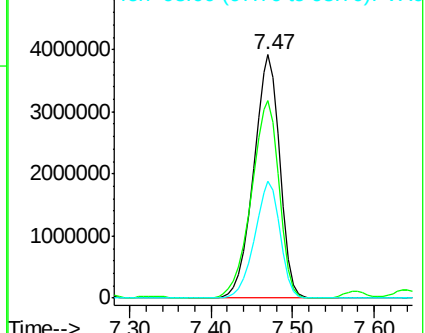
98 48.0 37.4 56.0

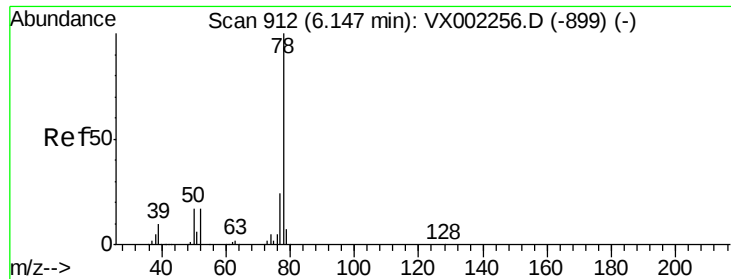


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

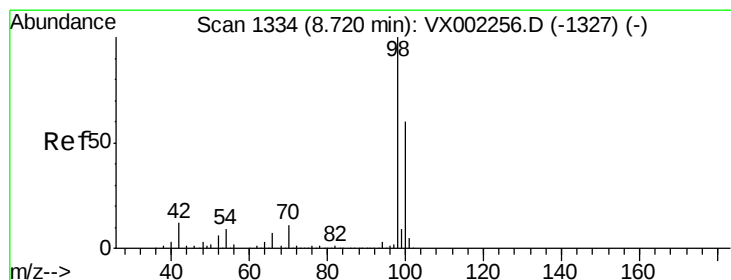
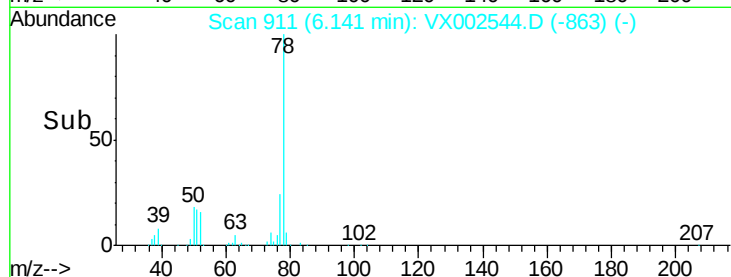
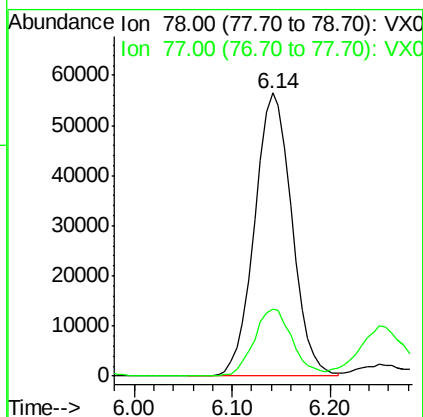
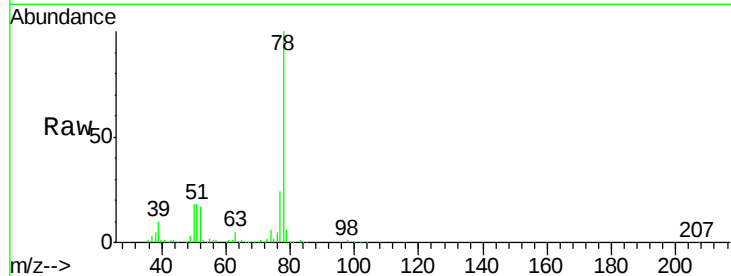




#40
Benzene
Concen: 10.264 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.01 min
Lab File: VX002544.D
Acq: 14 Jun 2018 08:01

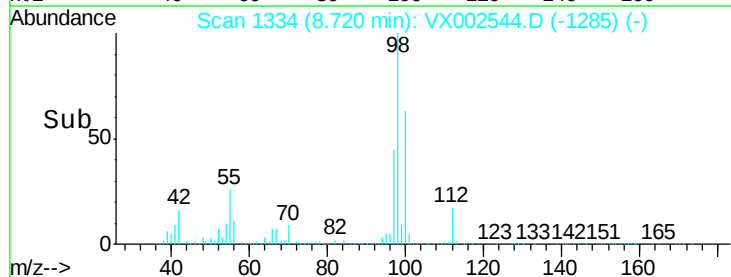
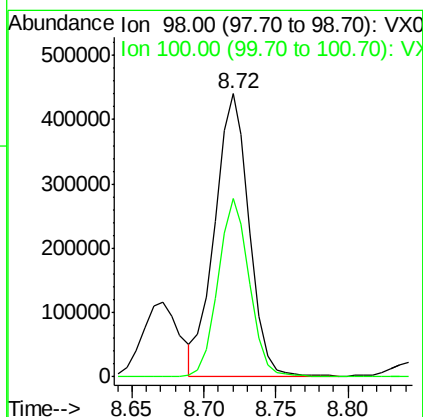
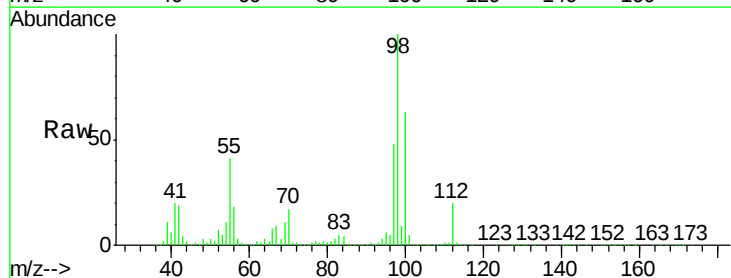
Instrument :
MSVOA_X
ClientSampled :
B-42RR

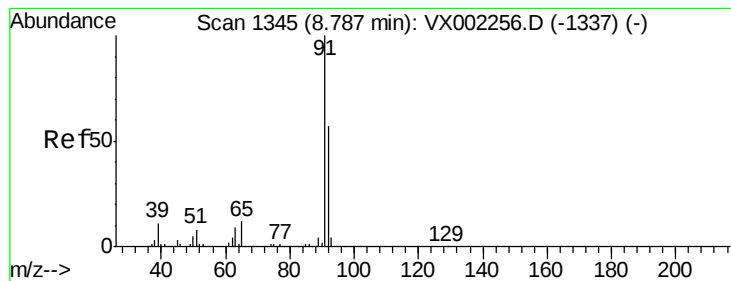
Tot Ion: 78 Resp: 149666
Ion Ratio Lower Upper
78 100
77 23.4 19.1 28.7



#50
Toluene-d8
Concen: 53.656 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002544.D
Acq: 14 Jun 2018 08:01

Tgt Ion: 98 Resp: 731599
Ion Ratio Lower Upper
98 100
100 58.4 50.9 76.3





#52

Toluene

Concen: 15.684 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002544.D

Acq: 14 Jun 2018 08:01

Instrument :

MSVOA_X

ClientSampleId :

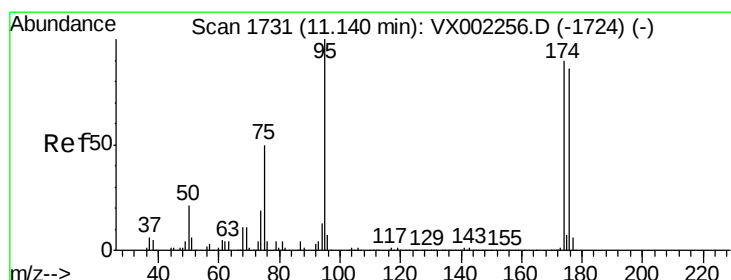
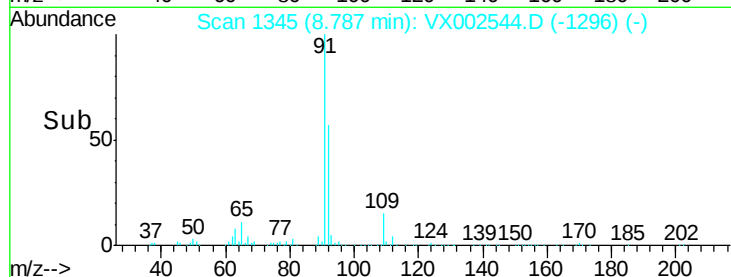
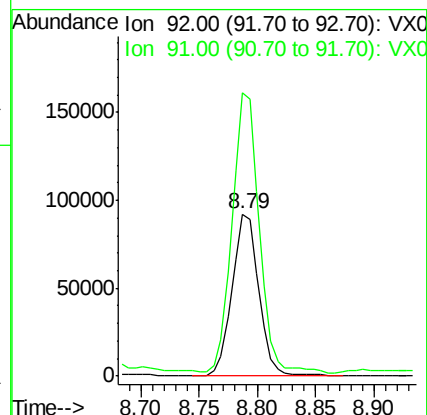
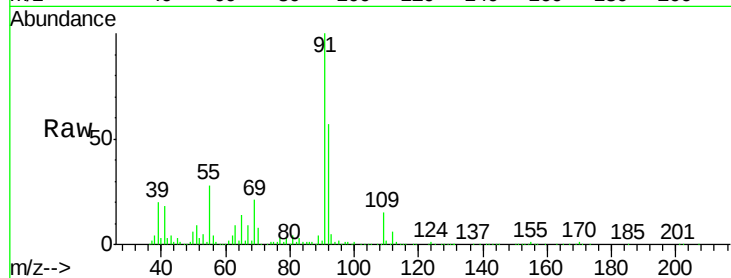
B-42RR

Tot Ion: 92 Resp: 145449

Ion Ratio Lower Upper

92 100

91 177.7 140.4 210.6



#62

4-Bromofluorobenzene

Concen: 60.309 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX002544.D

Acq: 14 Jun 2018 08:01

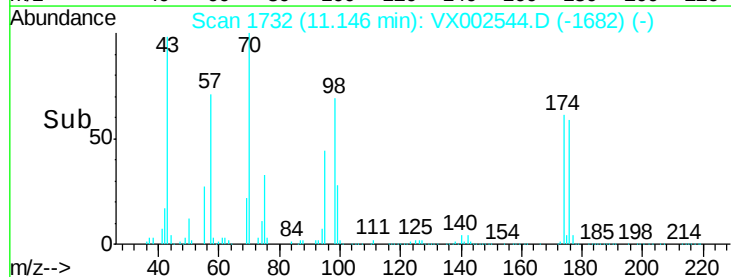
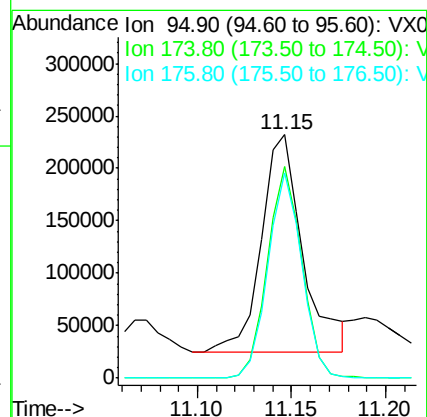
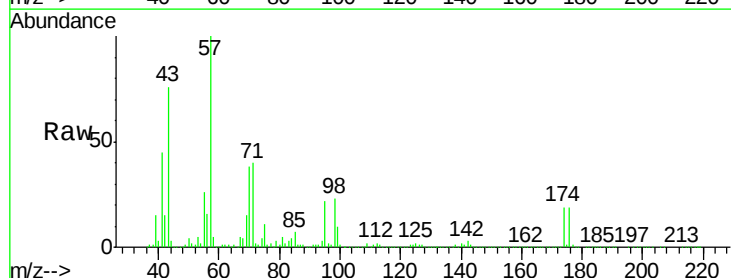
Tgt Ion: 95 Resp: 317093

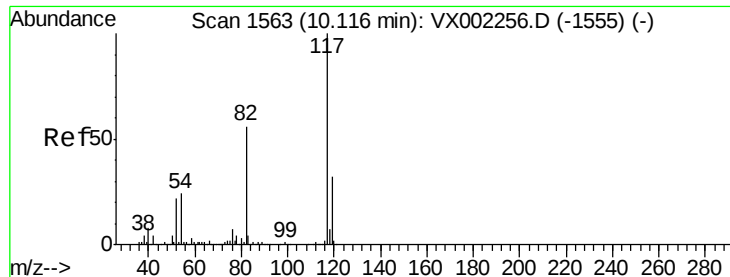
Ion Ratio Lower Upper

95 100

174 80.2 0.0 187.4

176 76.8 0.0 181.0

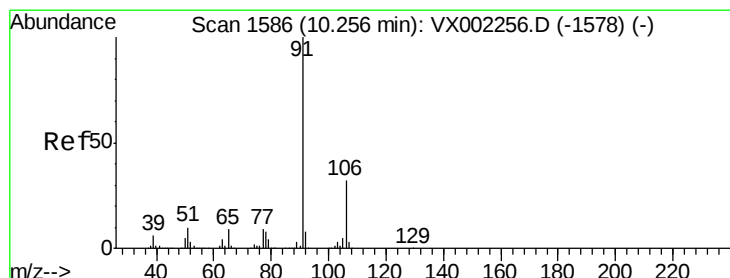
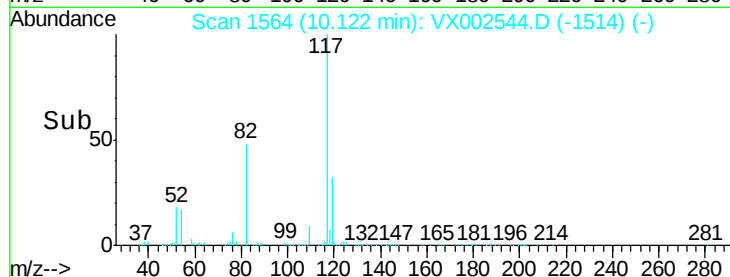
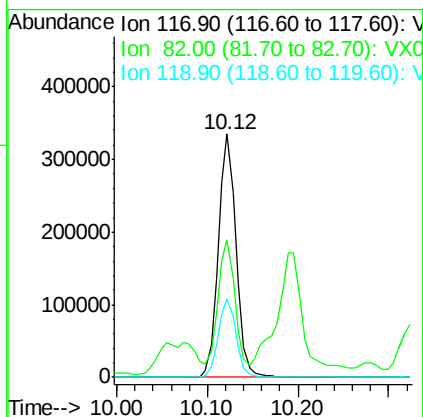
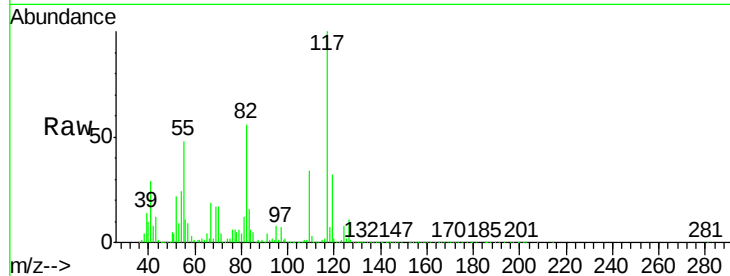




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX002544.D
Acq: 14 Jun 2018 08:01

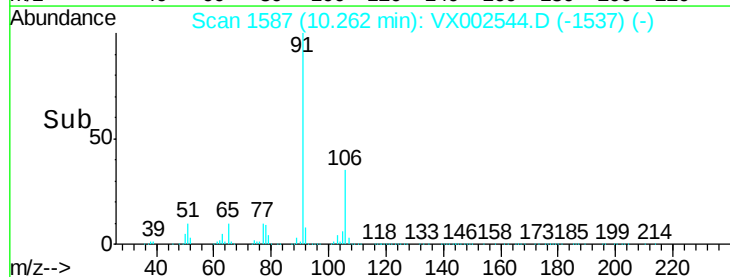
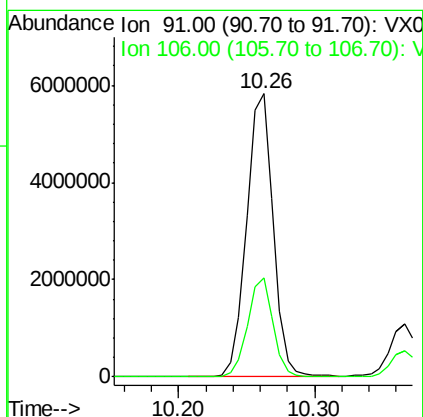
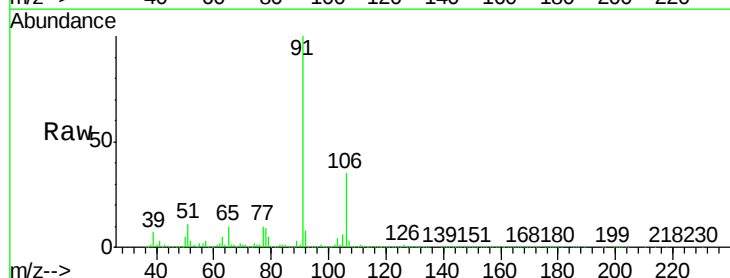
Instrument :
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ClientSampleId :
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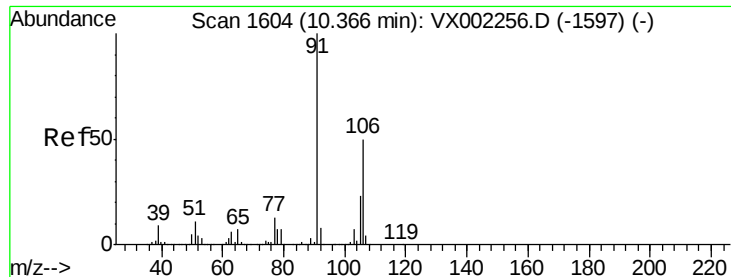
Tot Ion:117 Resp: 455094
Ion Ratio Lower Upper
117 100
82 51.5 45.0 67.4
119 32.4 25.8 38.6



#67
Ethyl Benzene
Concen: 419.510 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.01 min
Lab File: VX002544.D
Acq: 14 Jun 2018 08:01

Tgt Ion: 91 Resp: 7950105
Ion Ratio Lower Upper
91 100
106 34.9 25.5 38.3

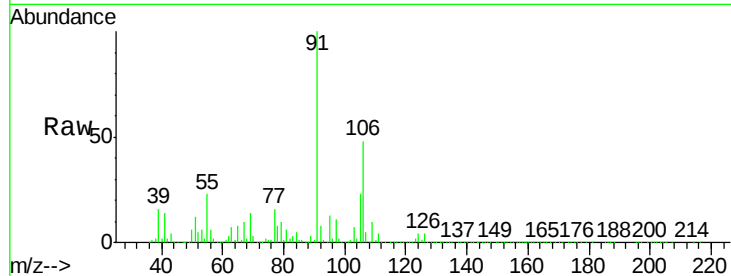




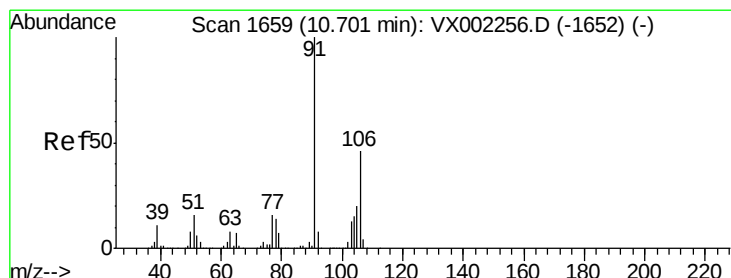
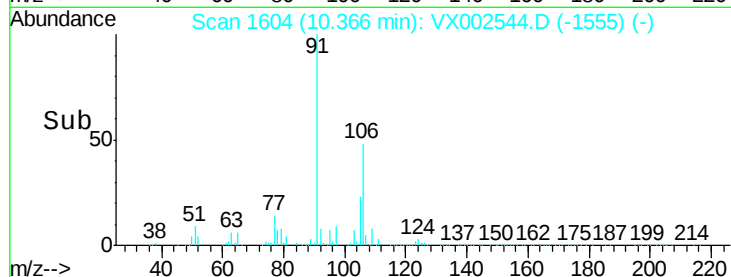
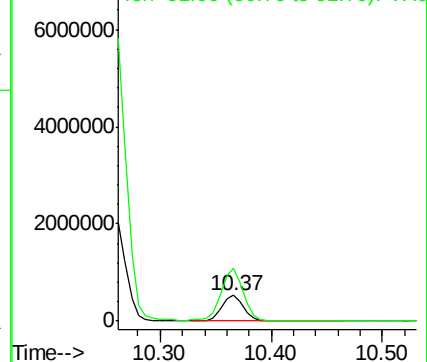
#68
m/p-Xylenes
Concen: 96.218 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002544.D
Acq: 14 Jun 2018 08:01

Instrument :
MSVOA_X
ClientSampleId :
B-42RR

Tot Ion:106 Resp: 708814
Ion Ratio Lower Upper
106 100
91 207.0 163.4 245.2

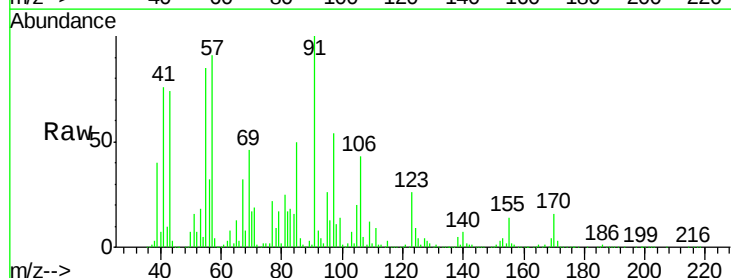


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

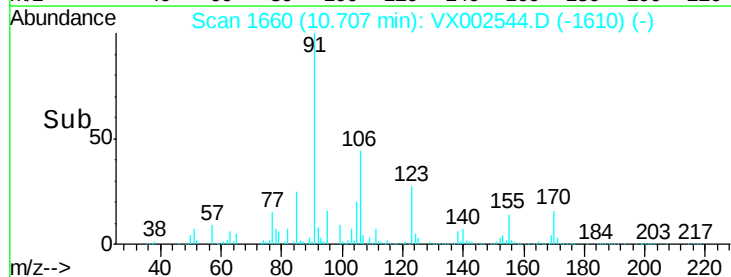
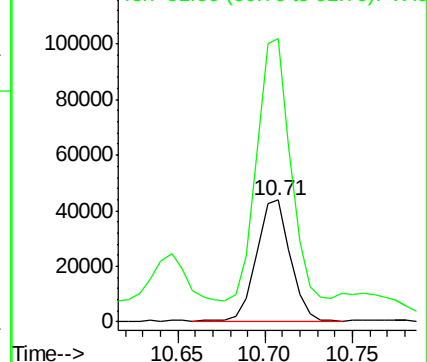


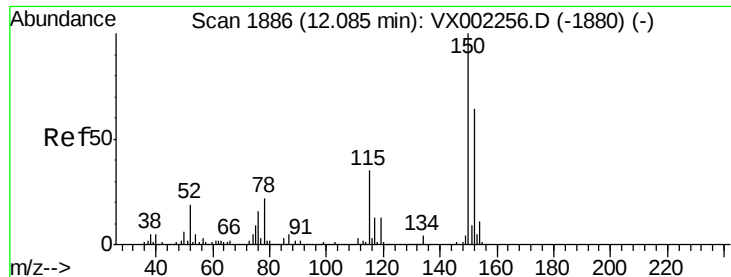
#69
o-Xylene
Concen: 7.908 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX002544.D
Acq: 14 Jun 2018 08:01

Tgt Ion:106 Resp: 57973
Ion Ratio Lower Upper
106 100
91 216.2 108.2 324.6



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002544.D

Acq: 14 Jun 2018 08:01

Instrument :

MSVOA_X

ClientSampleId :

B-42RR

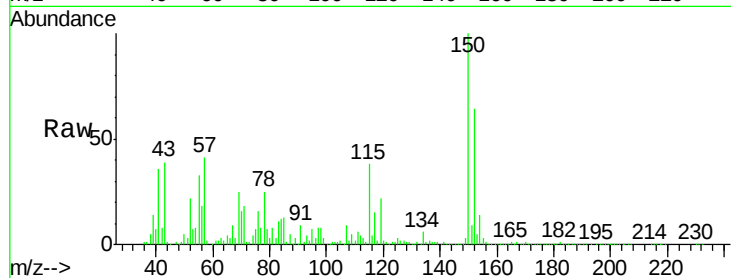
Tot Ion:152 Resp: 288418

Ion Ratio Lower Upper

152 100

115 67.0 40.1 120.2

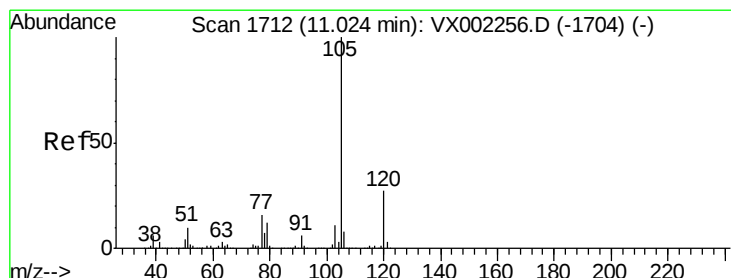
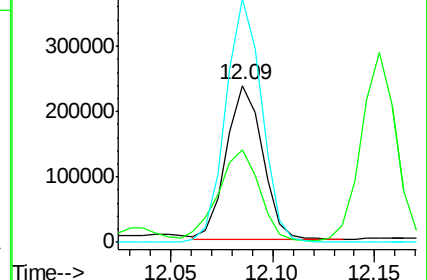
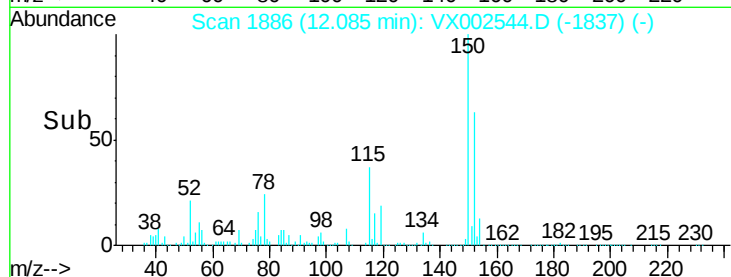
150 156.2 0.0 347.2



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



#73

Isopropylbenzene

Concen: 84.657 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002544.D

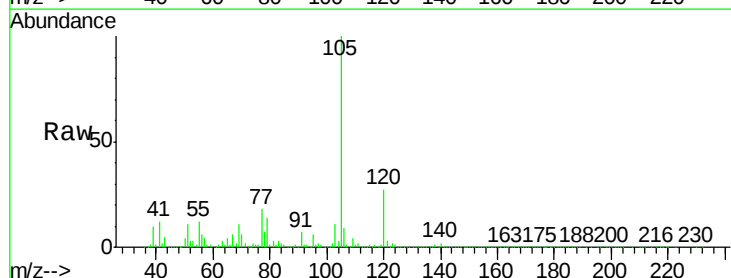
Acq: 14 Jun 2018 08:01

Tgt Ion:105 Resp: 1698538

Ion Ratio Lower Upper

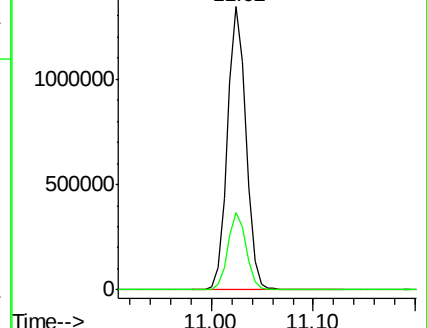
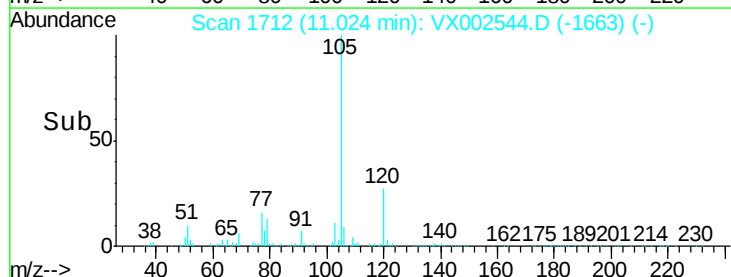
105 100

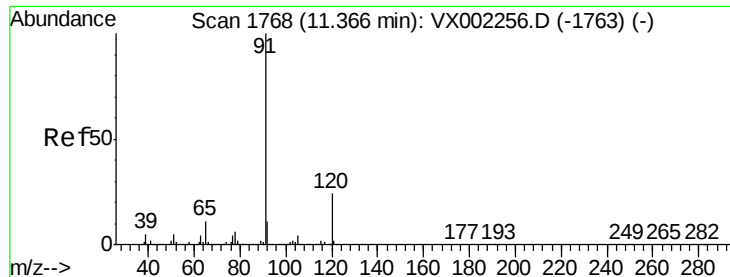
120 27.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 413.920 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002544.D

Acq: 14 Jun 2018 08:01

Instrument :

MSVOA_X

ClientSampleId :

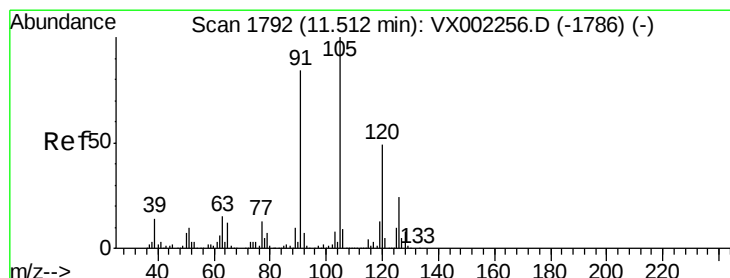
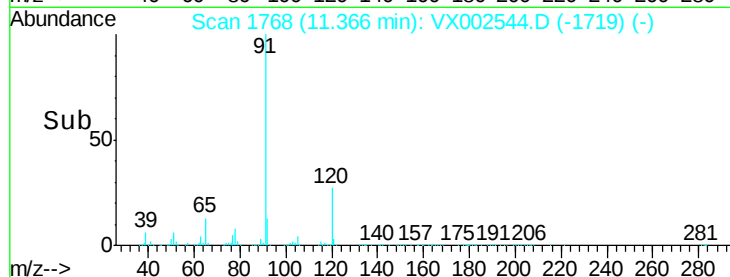
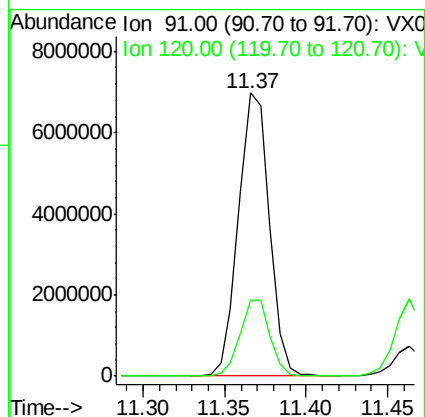
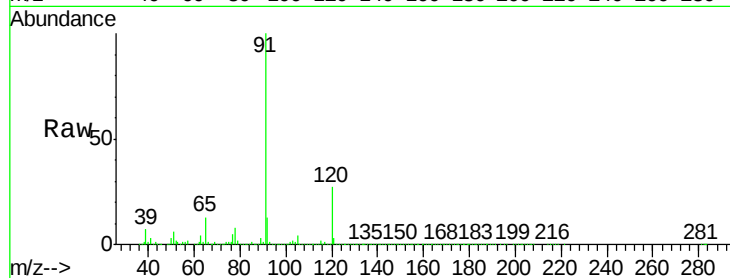
B-42RR

Tot Ion: 91 Resp: 9230570

Ion Ratio Lower Upper

91 100

120 26.0 11.8 35.4



#80

1,3,5-Trimethylbenzene

Concen: 145.812 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002544.D

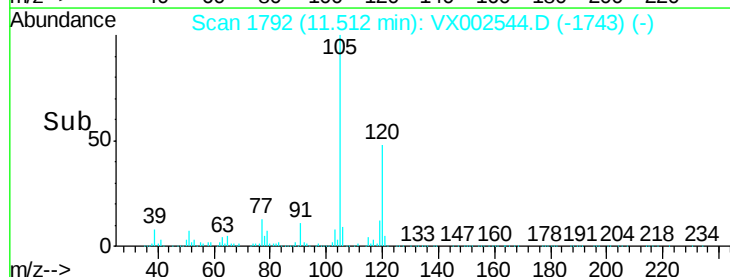
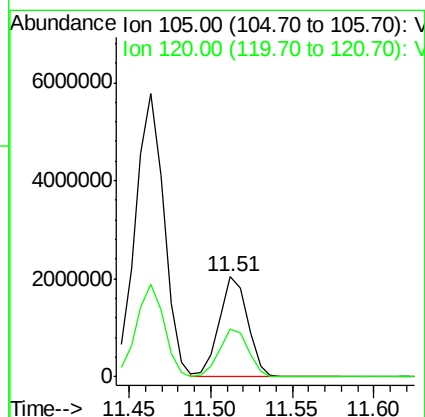
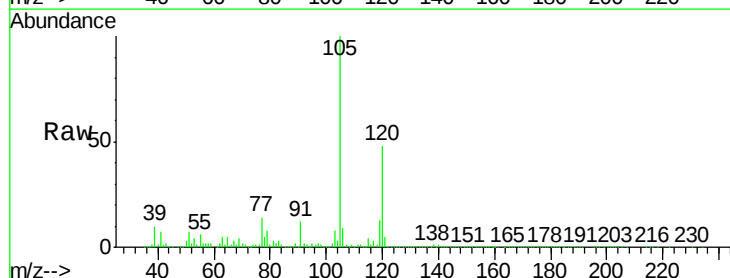
Acq: 14 Jun 2018 08:01

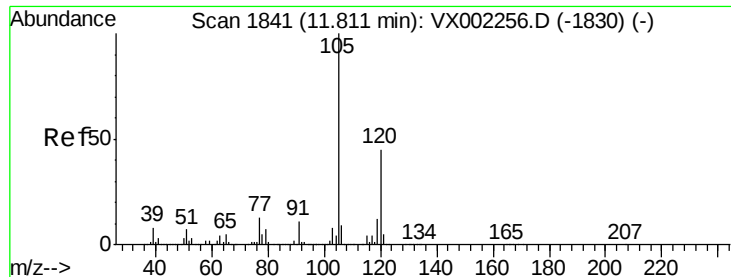
Tgt Ion: 105 Resp: 2509284

Ion Ratio Lower Upper

105 100

120 48.7 24.4 73.4





#84

1,2,4-Trimethylbenzene

Concen: 767.208 ug/l

RT: 11.82 min Scan# 1842

Delta R.T. 0.01 min

Lab File: VX002544.D

Acq: 14 Jun 2018 08:01

Instrument :

MSVOA_X

ClientSampleId :

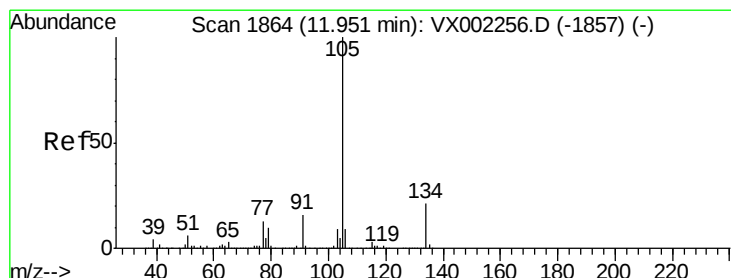
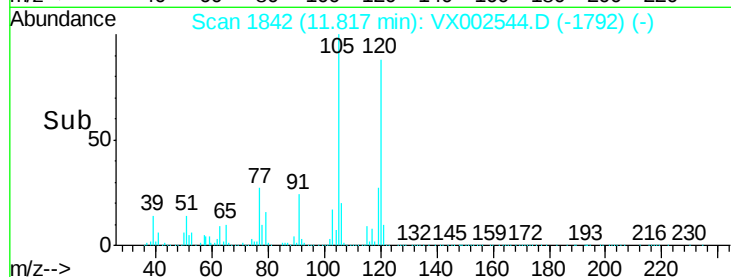
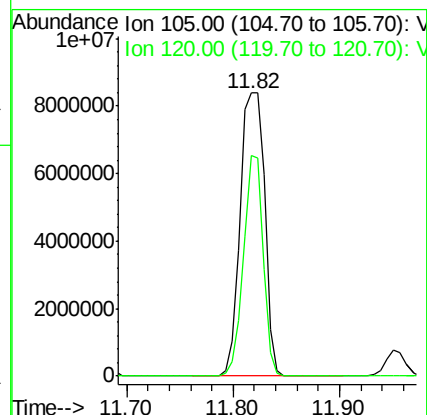
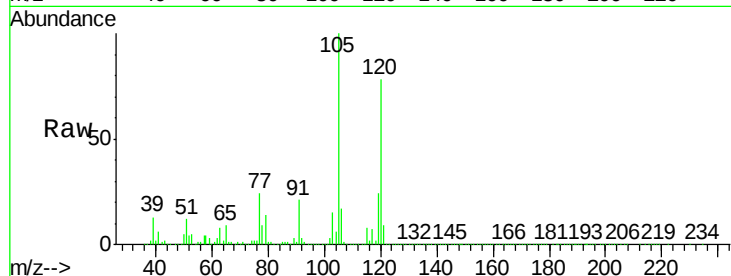
B-42RR

Tot Ion:105 Resp:13590933

Ion Ratio Lower Upper

105 100

120 62.6 22.3 66.8



#85

sec-Butylbenzene

Concen: 49.230 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002544.D

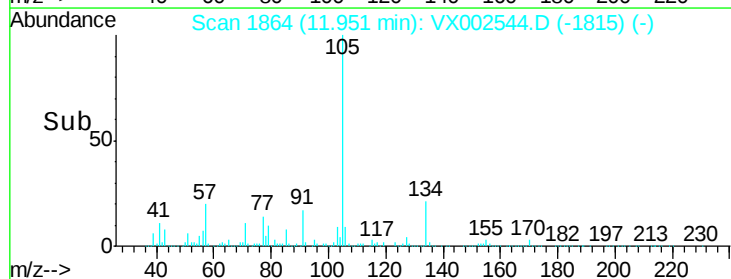
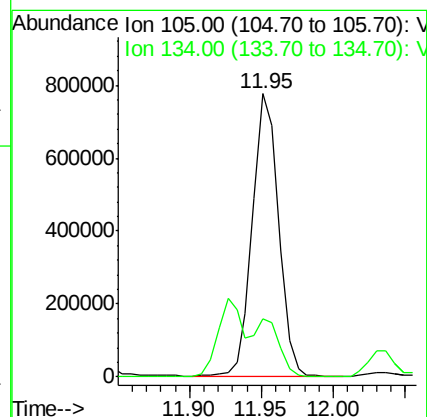
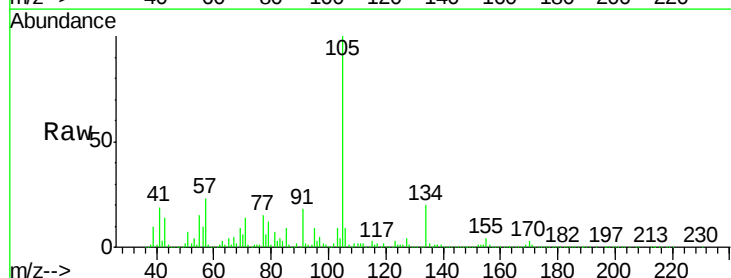
Acq: 14 Jun 2018 08:01

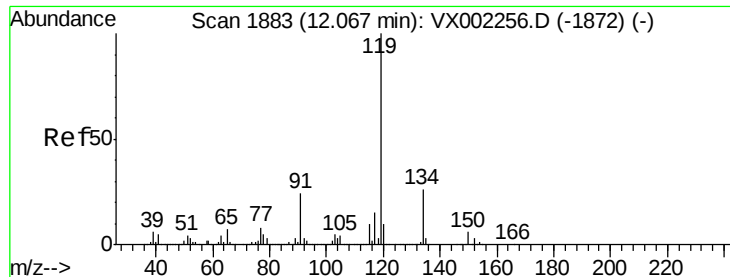
Tgt Ion:105 Resp: 967174

Ion Ratio Lower Upper

105 100

134 0.0 10.4 31.1#

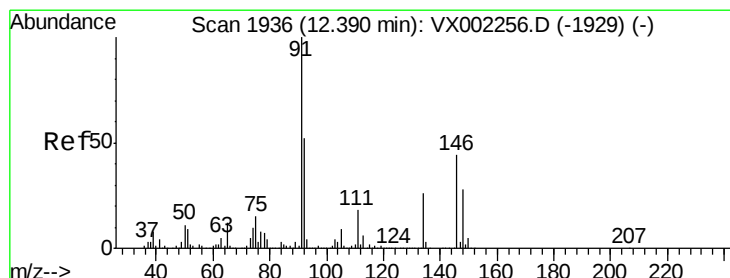
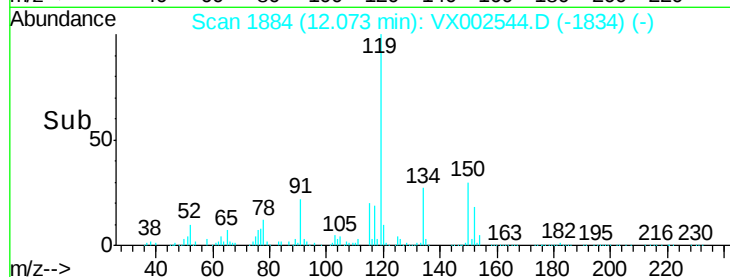
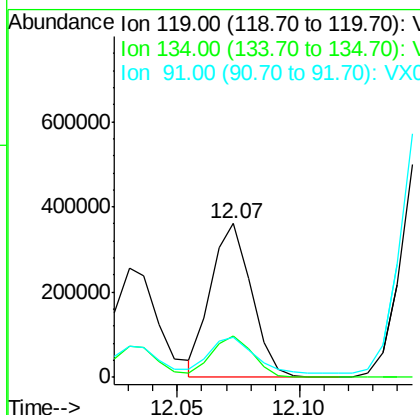
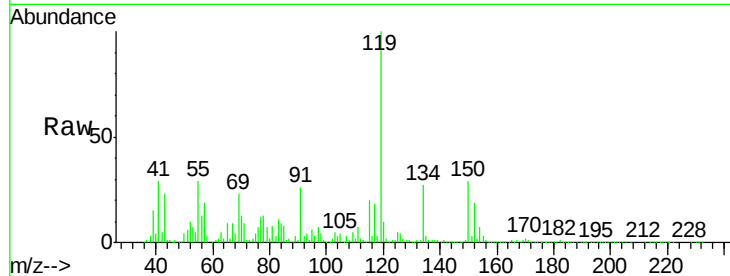




#86
p-Isopropyltoluene
Concen: 23.156 ug/l
RT: 12.07 min Scan# 1884
Delta R.T. 0.01 min
Lab File: VX002544.D
Acq: 14 Jun 2018 08:01

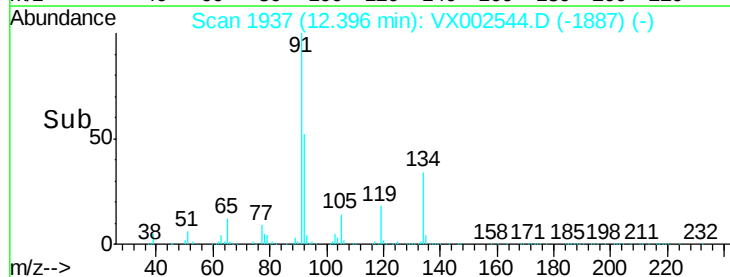
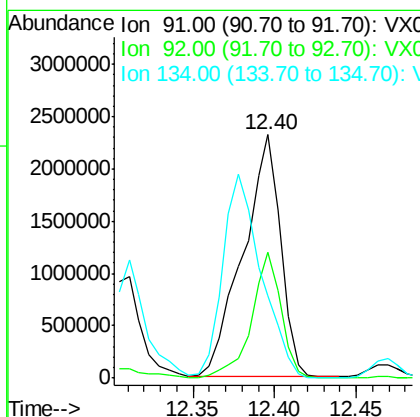
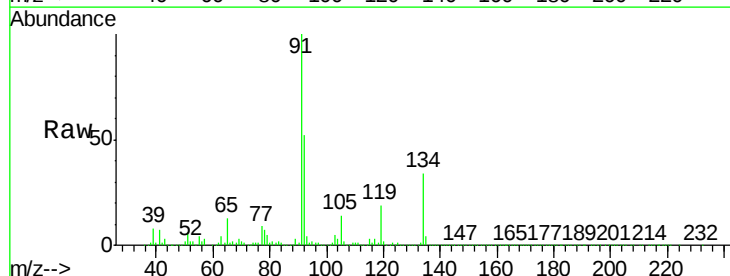
Instrument :
MSVOA_X
ClientSampleId :
B-42RR

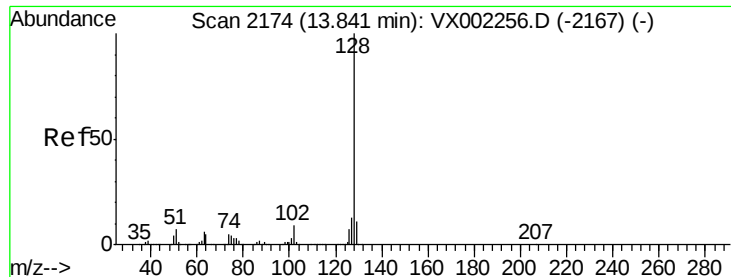
Tot Ion:119 Resp: 414370
Ion Ratio Lower Upper
119 100
134 26.9 13.4 40.1
91 26.8 11.9 35.7



#89
n-Butylbenzene
Concen: 248.611 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.01 min
Lab File: VX002544.D
Acq: 14 Jun 2018 08:01

Tgt Ion: 91 Resp: 3731177
Ion Ratio Lower Upper
91 100
92 40.6 26.0 78.0
134 86.0 13.5 40.5#

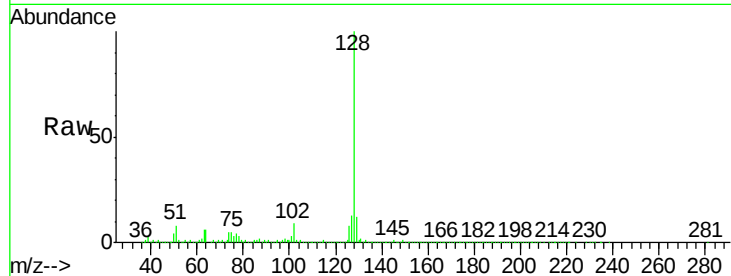




#95
Naphthalene
Concen: 181.009 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002544.D
Acq: 14 Jun 2018 08:01

Instrument :
MSVOA_X
ClientSampleId :
B-42RR

Tot Ion:128 Resp: 3799986
Ion Ratio Lower Upper
128 100
127 13.7 10.4 15.6
129 13.4 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

