

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\
 Data File : VX002532.D
 Acq On : 14 Jun 2018 02:41
 Operator : JC/MD
 Sample : J3383-14
 Misc : 6.28g/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-42R(I-2R)R

Quant Time: Jun 14 04:38:22 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	262687	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	374594	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	358361	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	226104	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	167402	44.16	ug/l	0.00
Spiked Amount			Recovery	=	88.32%	
35) Dibromofluoromethane	5.51	113	124803	42.37	ug/l	0.00
Spiked Amount			Recovery	=	84.74%	
50) Toluene-d8	8.72	98	537028	47.56	ug/l	0.00
Spiked Amount			Recovery	=	95.12%	
62) 4-Bromofluorobenzene	11.15	95	215232	49.43	ug/l	0.00
Spiked Amount			Recovery	=	98.86%	

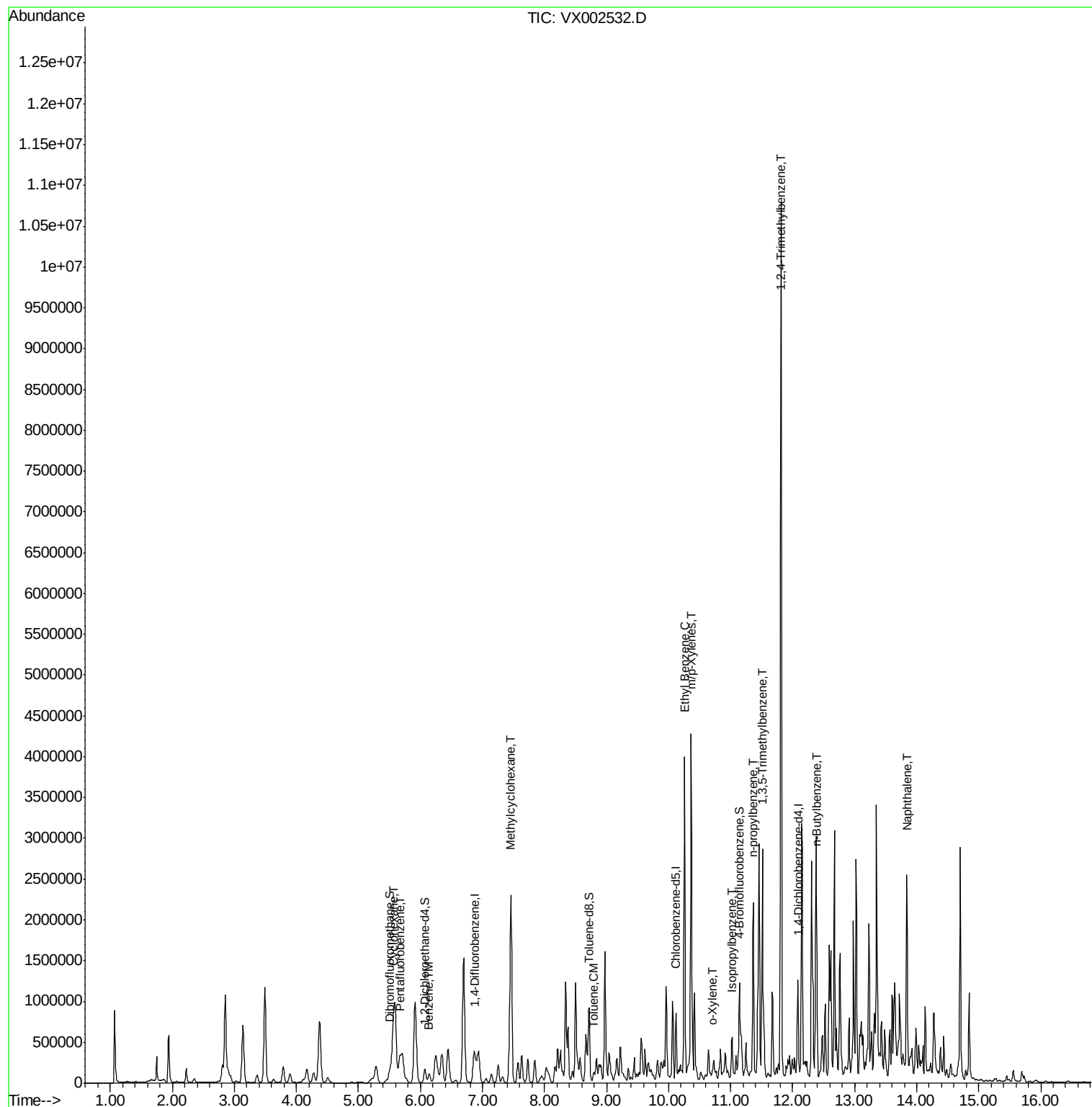
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.56	56	586901	123.739	ug/l	97
39) Methylcyclohexane	7.46	83	998208	204.356	ug/l	99
40) Benzene	6.13	78	128502	10.642	ug/l	99
52) Toluene	8.79	92	29439	3.833	ug/l	97
67) Ethyl Benzene	10.26	91	2173942	145.679	ug/l	99
68) m/p-Xylenes	10.37	106	950546	163.862	ug/l	100
69) o-Xylene	10.70	106	19871	3.442	ug/l	95
73) Isopropylbenzene	11.02	105	226614	14.408	ug/l	99
78) n-propylbenzene	11.37	91	1258875	72.009	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1141587	84.619	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	4516279	325.206	ug/l	97
89) n-Butylbenzene	12.39	91	486011	41.308	ug/l #	33
95) Naphthalene	13.84	128	1484142	90.179	ug/l	99

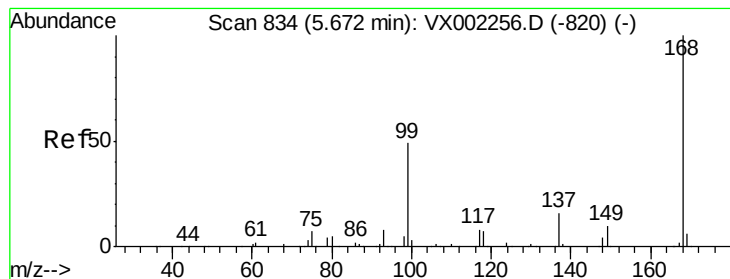
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061318\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002532.D

Acq: 14 Jun 2018 02:41

Instrument :

MSVOA_X

ClientSampleId :

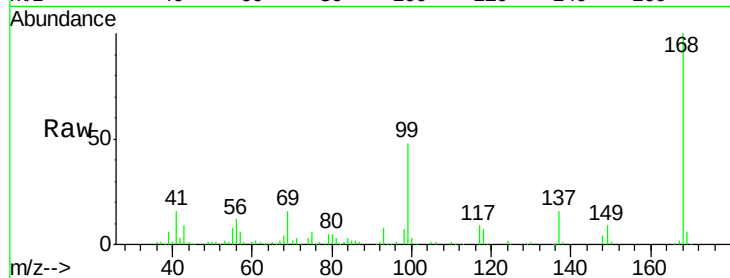
B-42R(I-2R)R

Tot Ion:168 Resp: 262687

Ion Ratio Lower Upper

168 100

99 47.6 39.3 58.9

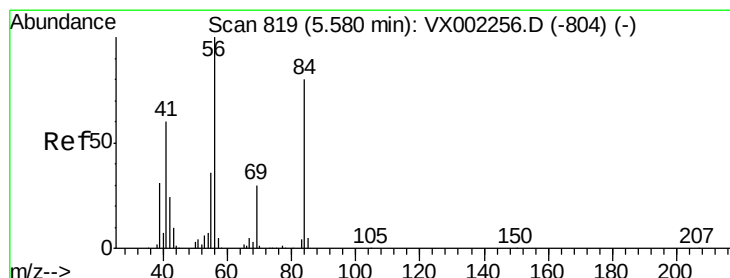
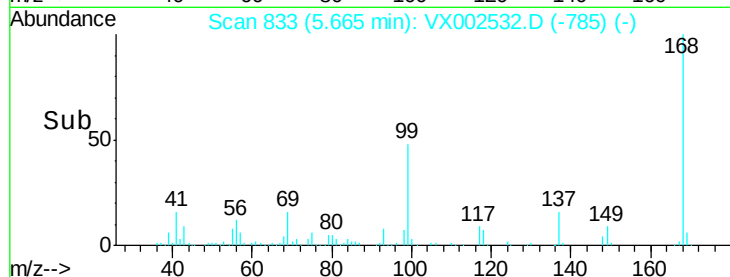


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

Time-->



#31

Cyclohexane

Concen: 123.739 ug/l

RT: 5.56 min Scan# 816

Delta R.T. -0.02 min

Lab File: VX002532.D

Acq: 14 Jun 2018 02:41

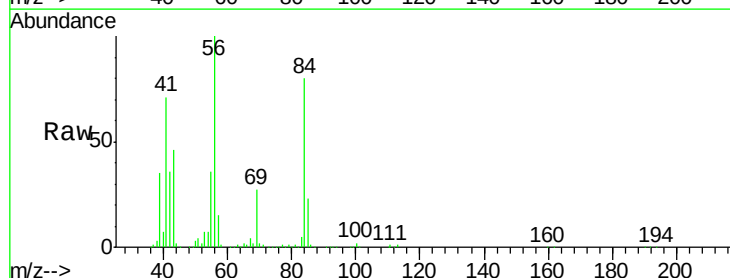
Tgt Ion: 56 Resp: 586901

Ion Ratio Lower Upper

56 100

69 24.4 23.7 35.5

84 80.1 64.1 96.1



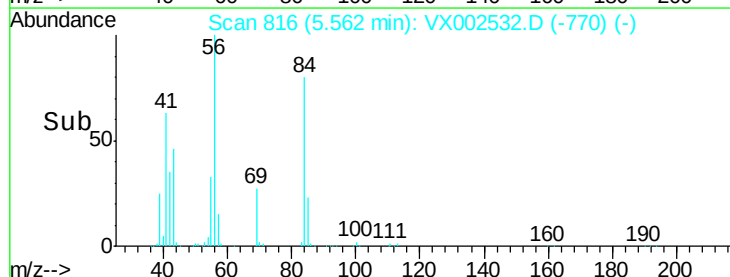
Abundance Ion 56.00 (55.70 to 56.70): VX0

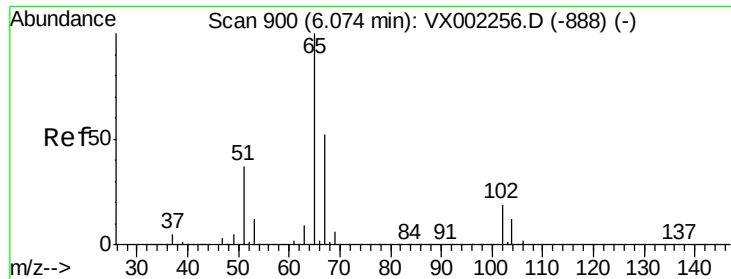
Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

5.56

Time-->

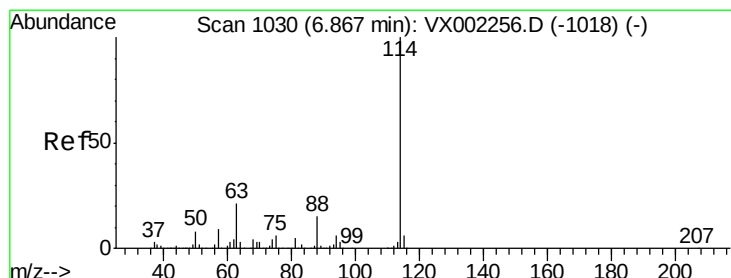
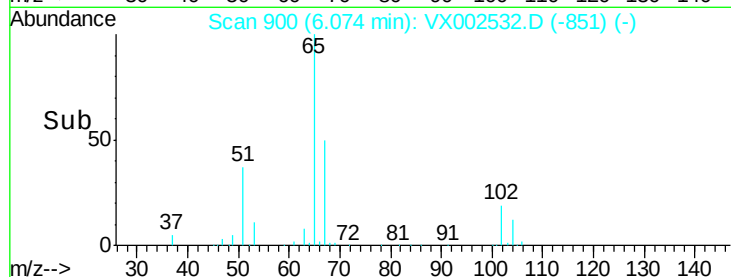
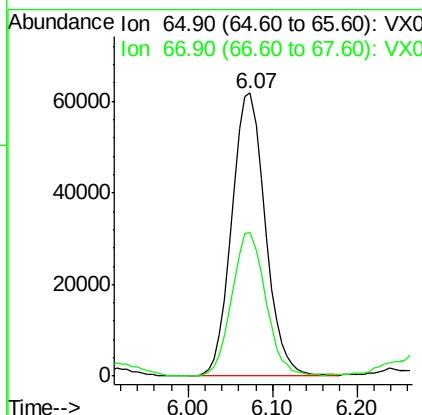
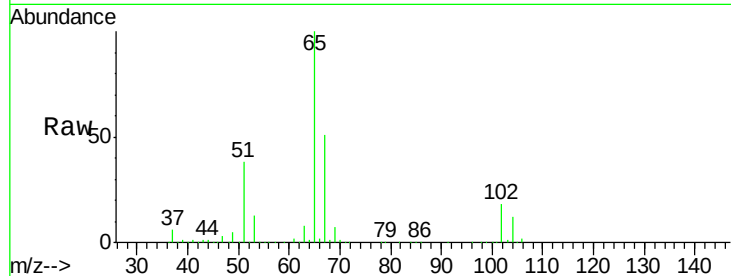




#33
 1,2-Dichloroethane-d4
 Concen: 44.160 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002532.D
 Acq: 14 Jun 2018 02:41

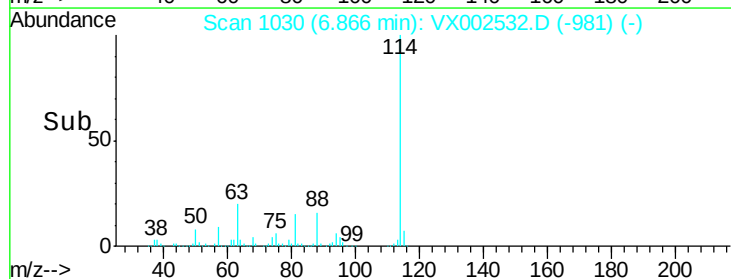
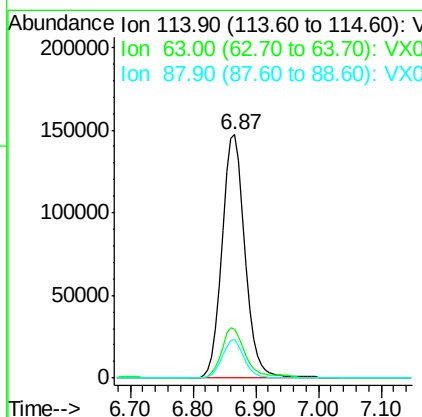
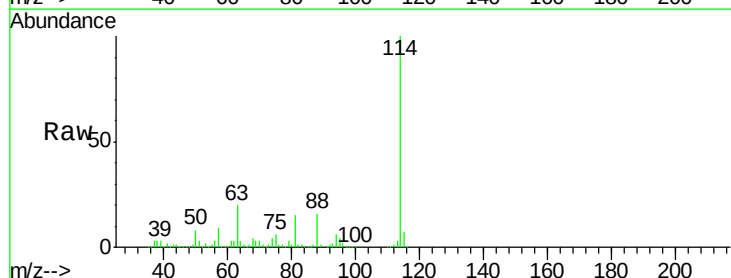
Instrument :
 MSVOA_X
 ClientSampleId :
 B-42R(I-2R)R

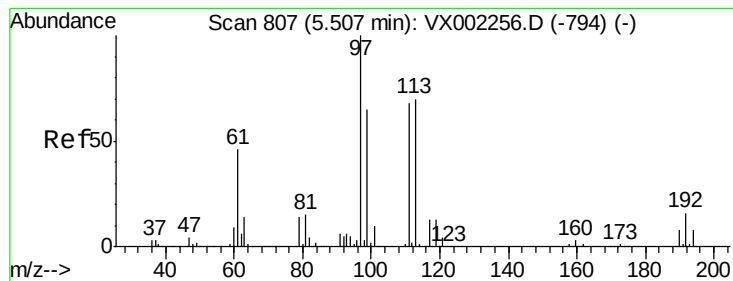
Tot Ion: 65 Resp: 167402
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002532.D
 Acq: 14 Jun 2018 02:41

Tgt Ion: 114 Resp: 374594
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 41.4
 88 15.8 0.0 30.0





#35

Dibromofluoromethane

Concen: 42.366 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002532.D

Acq: 14 Jun 2018 02:41

Instrument :

MSVOA_X

ClientSampled :

B-42R(I-2R)R

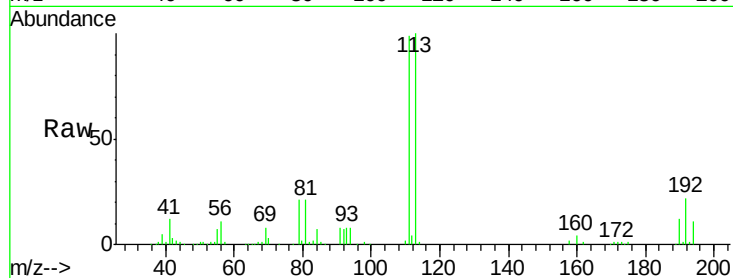
Tot Ion:113 Resp: 124803

Ion Ratio Lower Upper

113 100

111 101.5 81.4 122.0

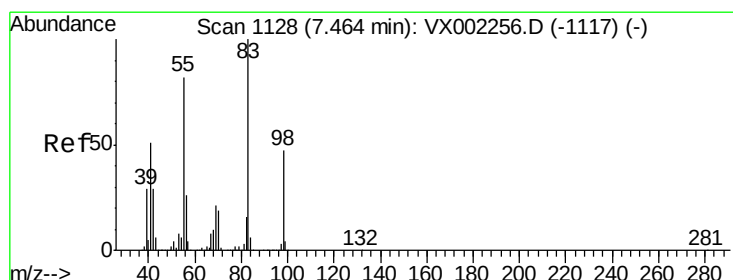
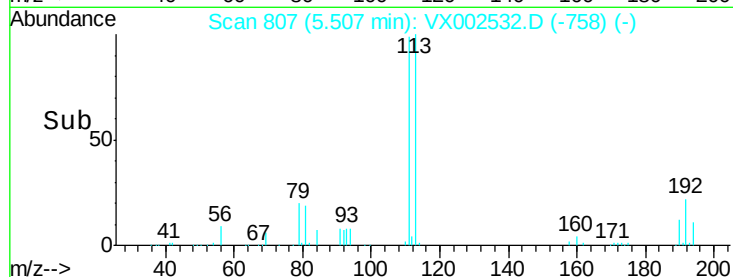
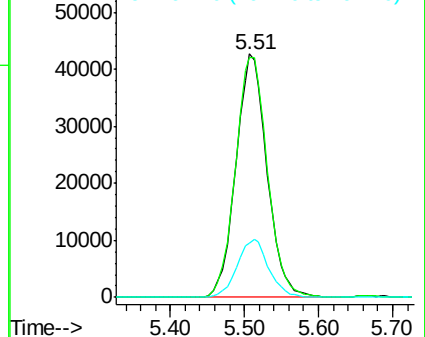
192 24.1 19.1 28.7



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: 204.356 ug/l

RT: 7.46 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX002532.D

Acq: 14 Jun 2018 02:41

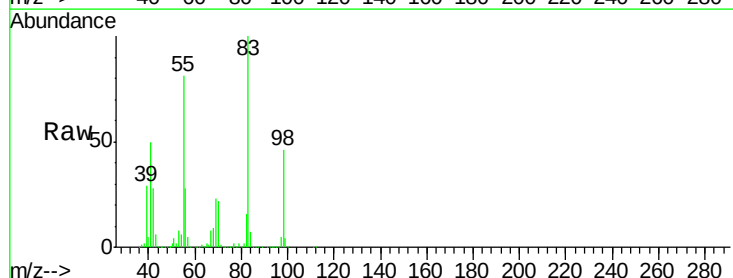
Tgt Ion: 83 Resp: 998208

Ion Ratio Lower Upper

83 100

55 81.3 65.4 98.0

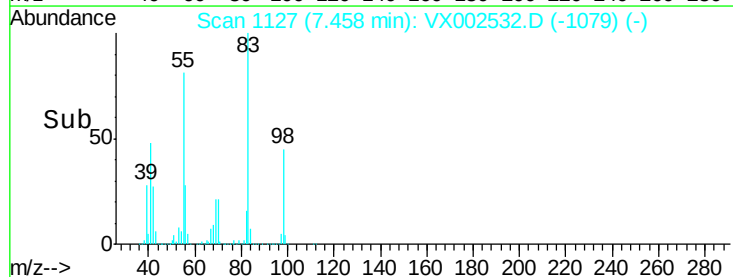
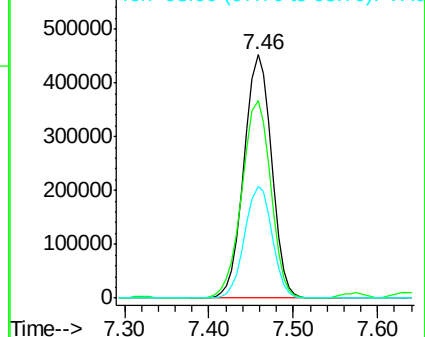
98 46.1 37.4 56.0

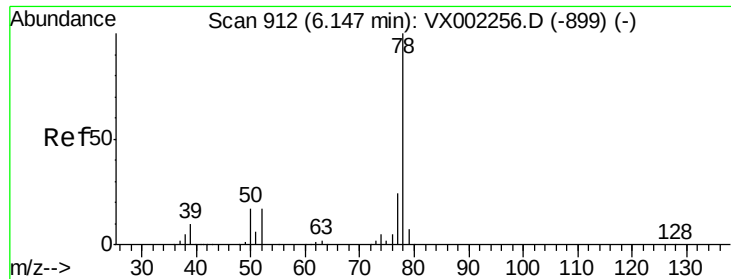


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 10.642 ug/l

RT: 6.13 min Scan# 910

Delta R.T. -0.01 min

Lab File: VX002532.D

Acq: 14 Jun 2018 02:41

Instrument :

MSVOA_X

ClientSampled :

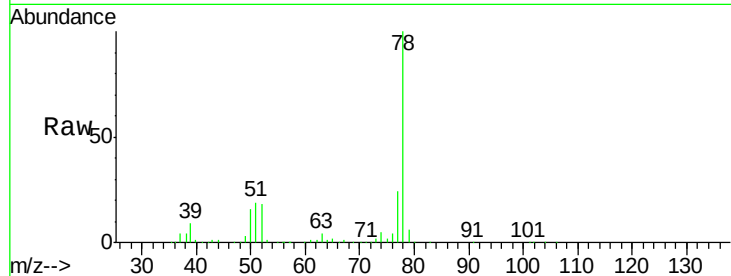
B-42R(I-2R)R

Tot Ion: 78 Resp: 128502

Ion Ratio Lower Upper

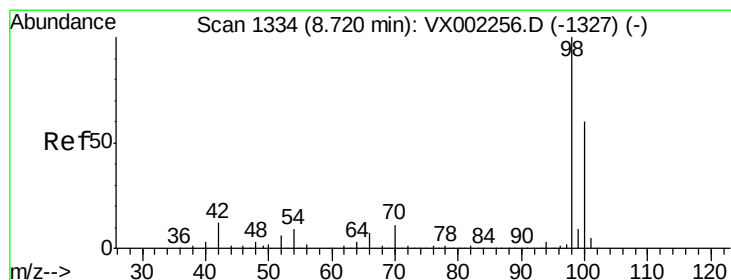
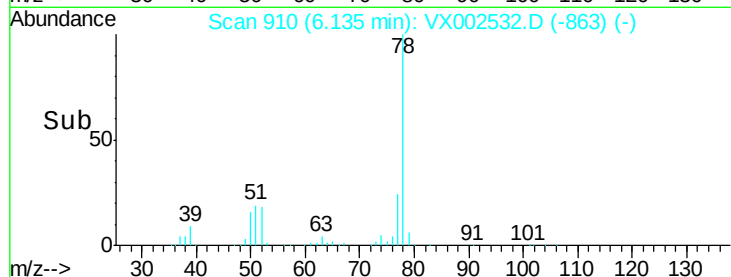
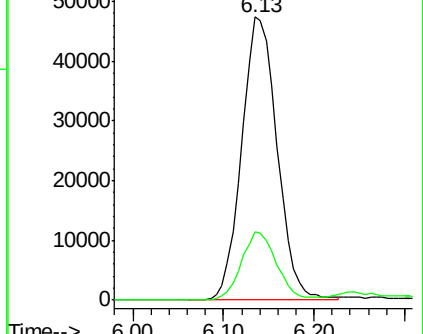
78 100

77 24.2 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 47.562 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002532.D

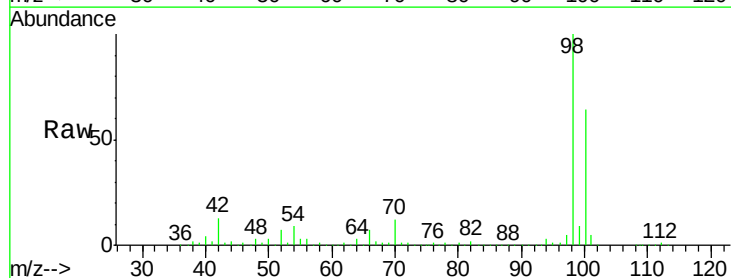
Acq: 14 Jun 2018 02:41

Tgt Ion: 98 Resp: 537028

Ion Ratio Lower Upper

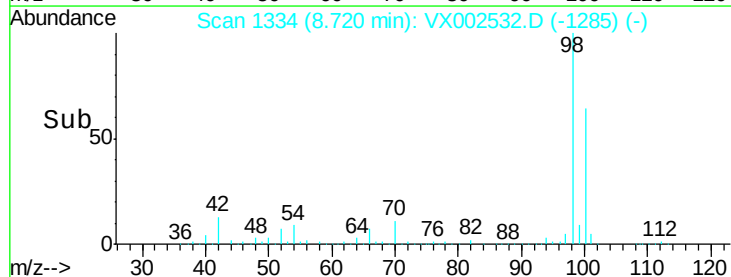
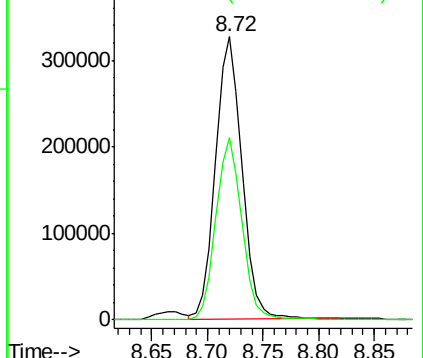
98 100

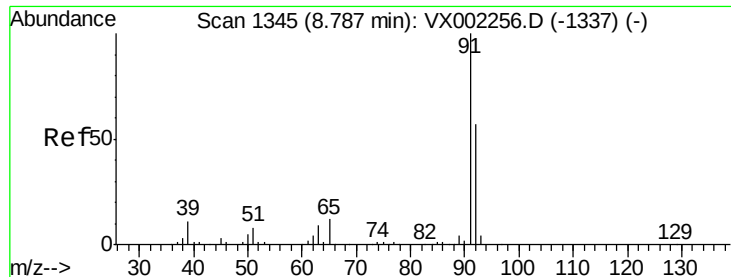
100 63.9 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#52

Toluene

Concen: 3.833 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002532.D

Acq: 14 Jun 2018 02:41

Instrument :

MSVOA_X

ClientSampleId :

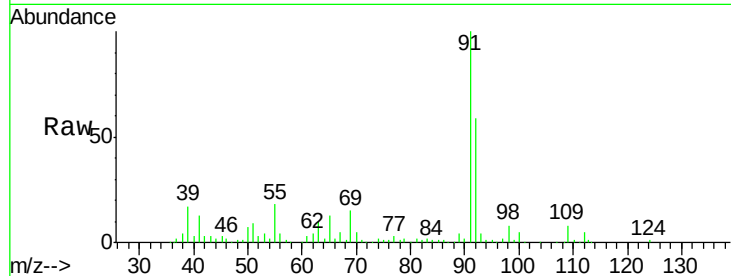
B-42R(I-2R)R

Tot Ion: 92 Resp: 29439

Ion Ratio Lower Upper

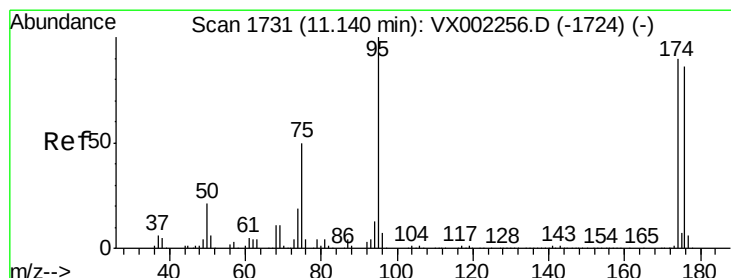
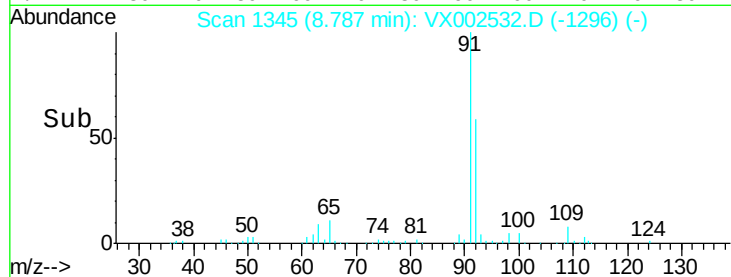
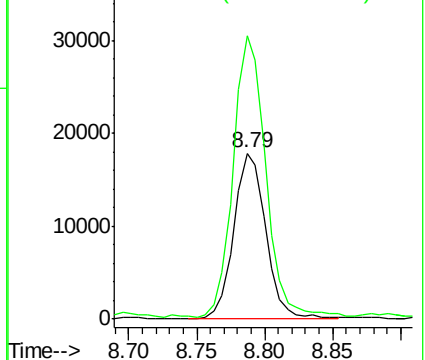
92 100

91 170.8 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 49.433 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX002532.D

Acq: 14 Jun 2018 02:41

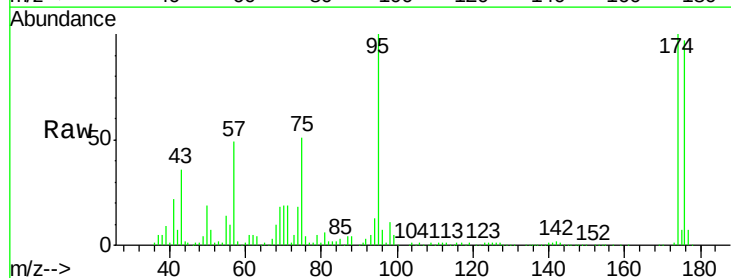
Tgt Ion: 95 Resp: 215232

Ion Ratio Lower Upper

95 100

174 91.3 0.0 187.4

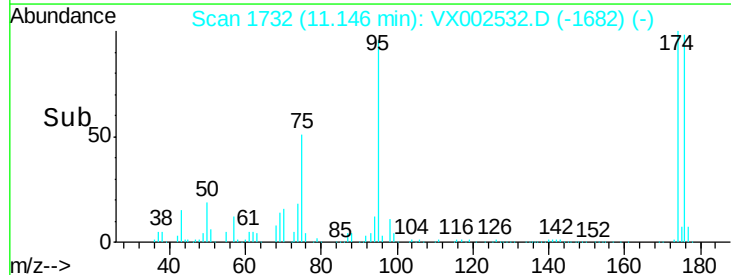
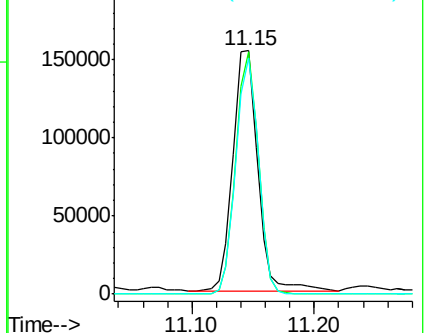
176 89.5 0.0 181.0

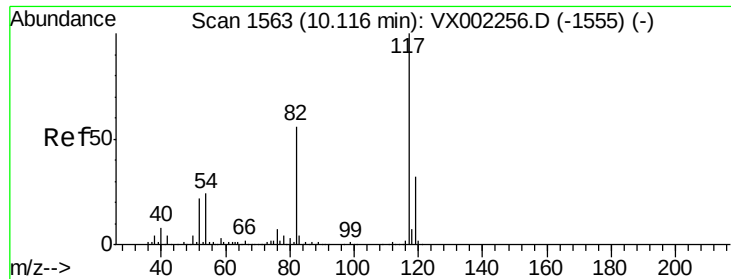


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

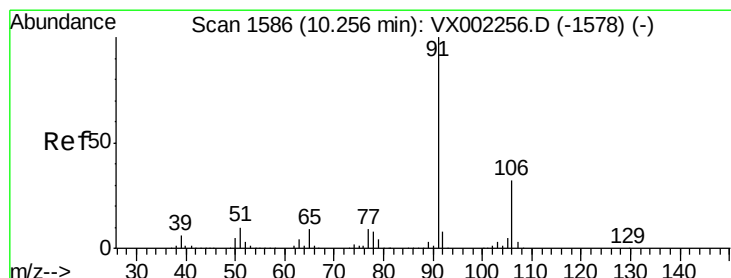
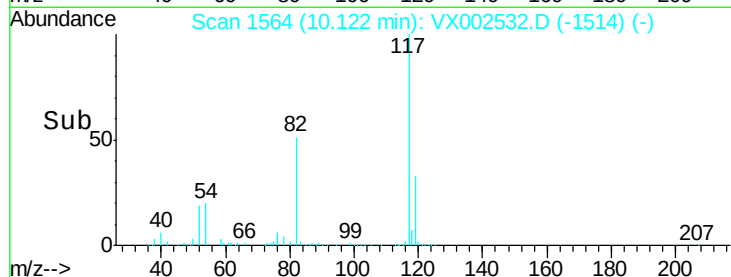
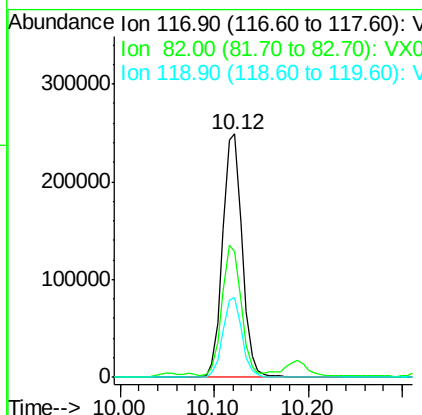
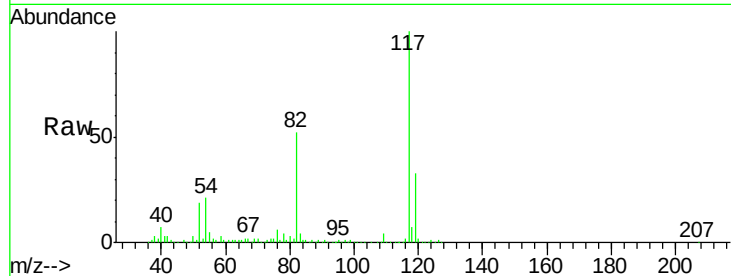




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX002532.D
Acq: 14 Jun 2018 02:41

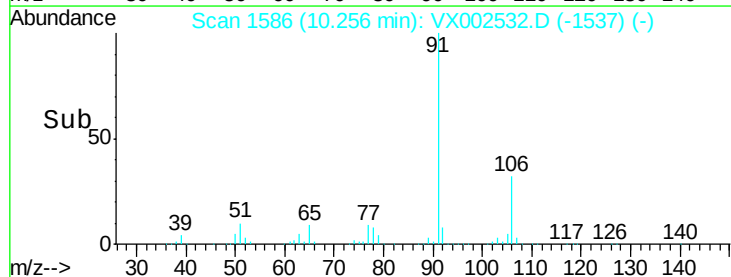
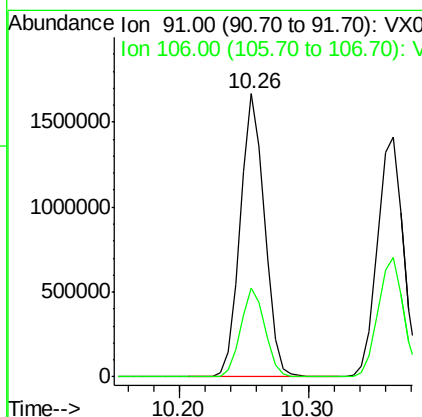
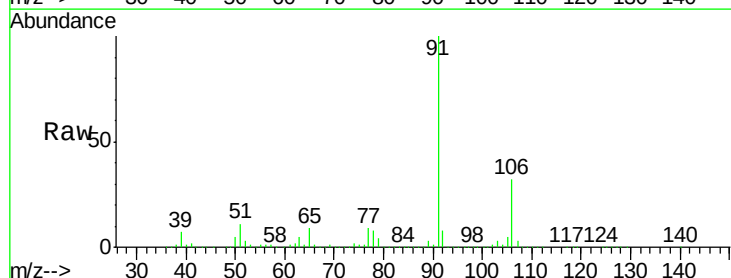
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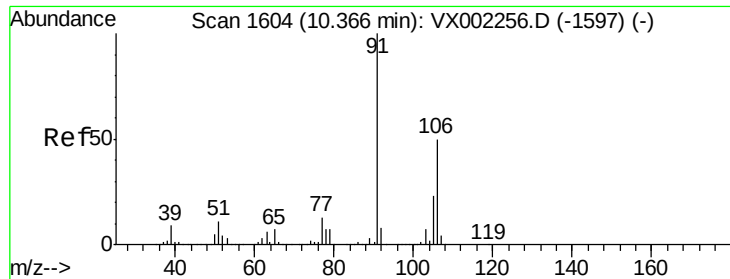
Tot Ion:117 Resp: 358361
Ion Ratio Lower Upper
117 100
82 51.2 45.0 67.4
119 32.7 25.8 38.6



#67
Ethyl Benzene
Concen: 145.679 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002532.D
Acq: 14 Jun 2018 02:41

Tgt Ion: 91 Resp: 2173942
Ion Ratio Lower Upper
91 100
106 31.6 25.5 38.3

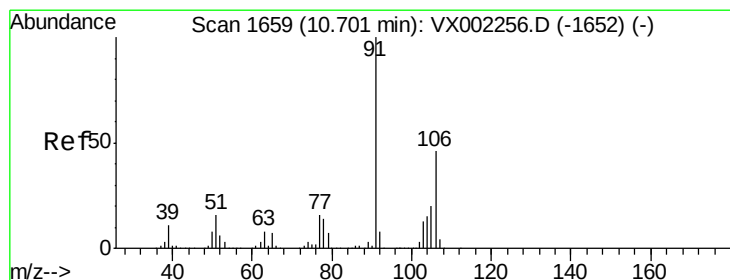
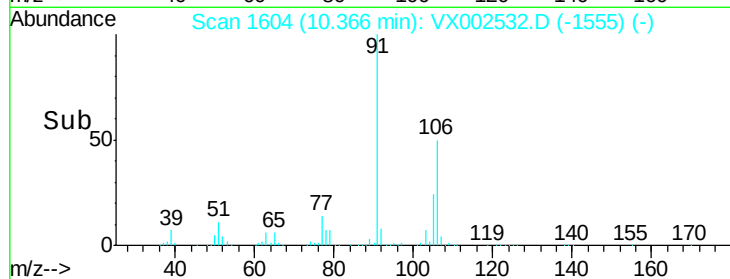
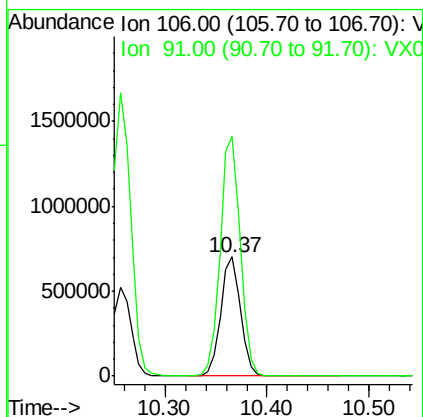
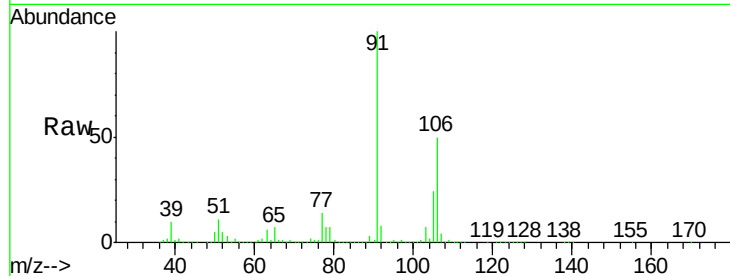




#68
m/p-Xylenes
Concen: 163.862 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002532.D
Acq: 14 Jun 2018 02:41

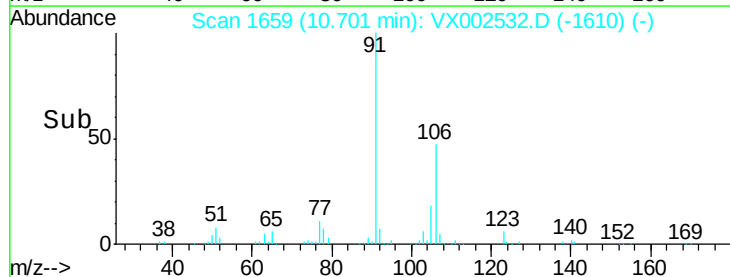
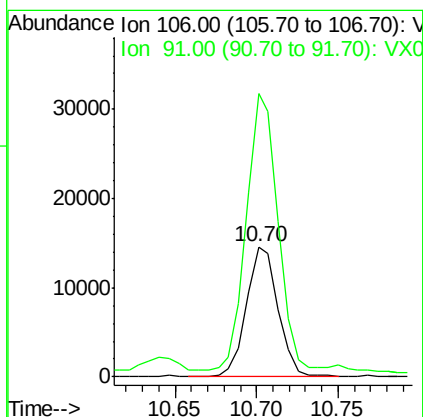
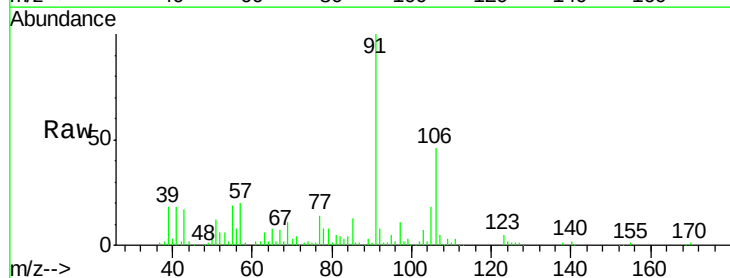
Instrument :
MSVOA_X
ClientSampleId :
B-42R(I-2R)R

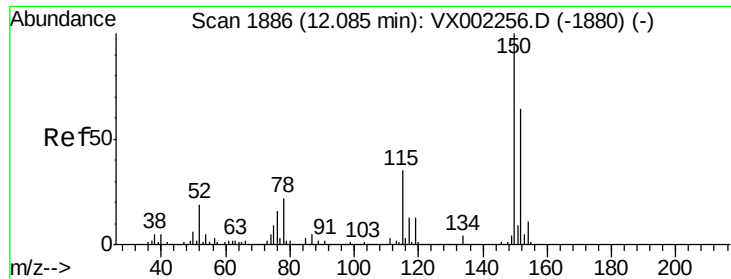
Tot Ion:106 Resp: 950546
Ion Ratio Lower Upper
106 100
91 203.9 163.4 245.2



#69
o-Xylene
Concen: 3.442 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002532.D
Acq: 14 Jun 2018 02:41

Tgt Ion:106 Resp: 19871
Ion Ratio Lower Upper
106 100
91 208.0 108.2 324.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002532.D

Acq: 14 Jun 2018 02:41

Instrument :

MSVOA_X

ClientSampleId :

B-42R(I-2R)R

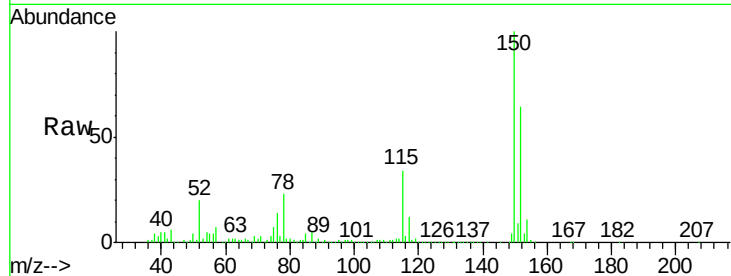
Tot Ion:152 Resp: 226104

Ion Ratio Lower Upper

152 100

115 55.1 40.1 120.2

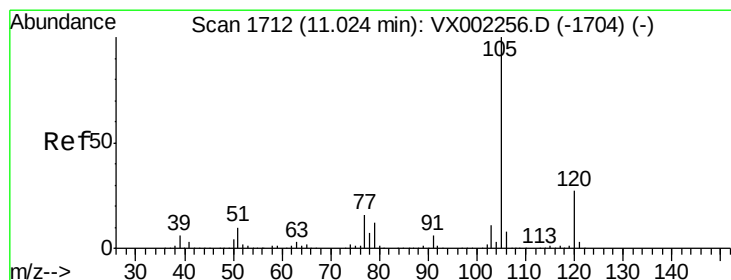
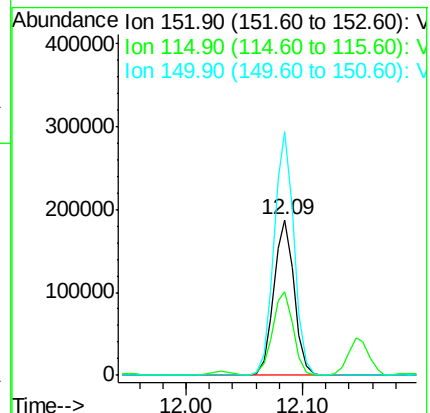
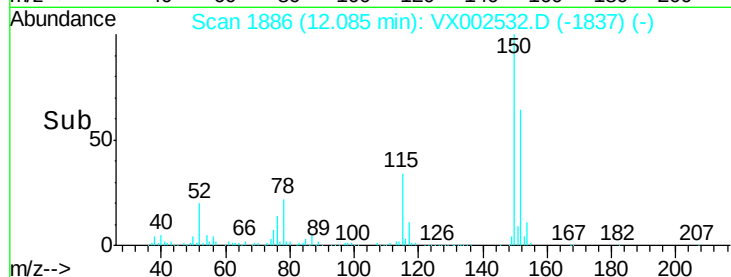
150 155.1 0.0 347.2



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: 14.408 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002532.D

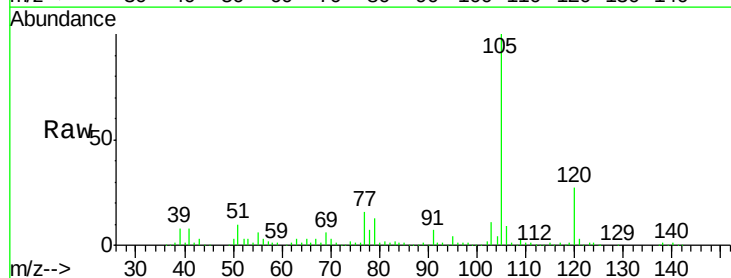
Acq: 14 Jun 2018 02:41

Tgt Ion:105 Resp: 226614

Ion Ratio Lower Upper

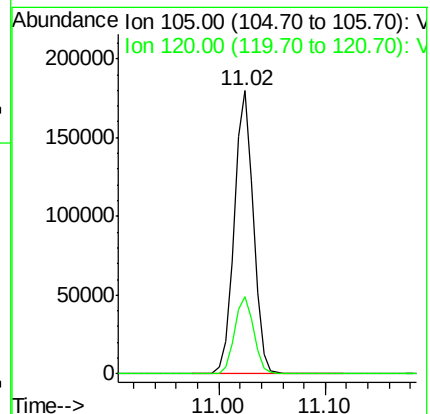
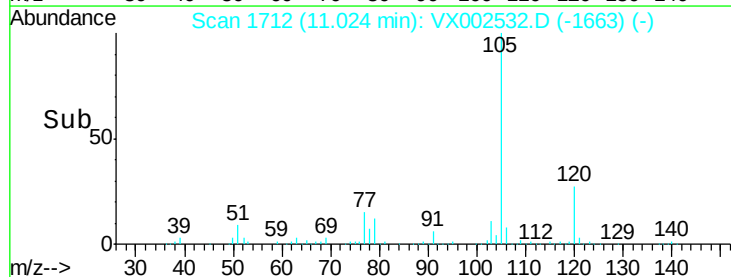
105 100

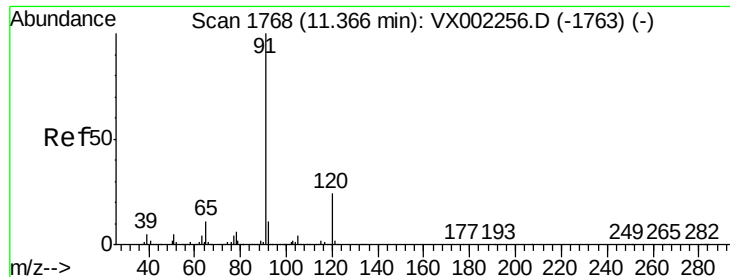
120 27.2 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 72.009 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002532.D

Acq: 14 Jun 2018 02:41

Instrument :

MSVOA_X

ClientSampleId :

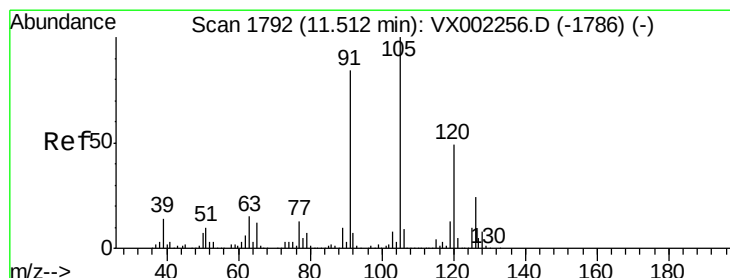
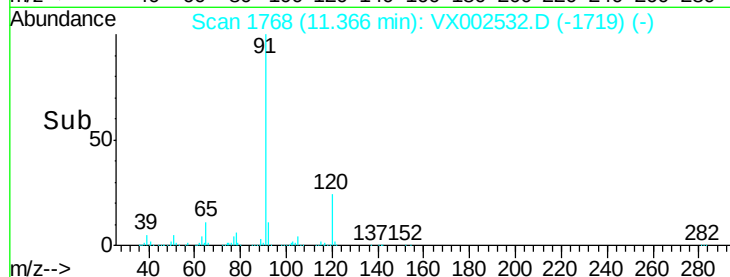
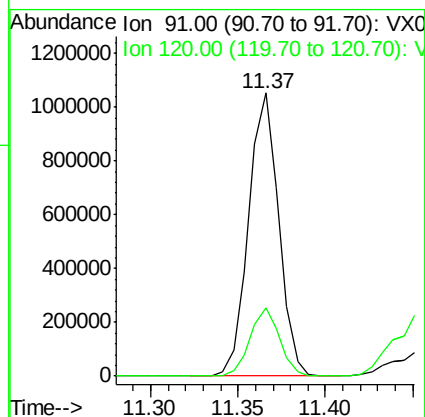
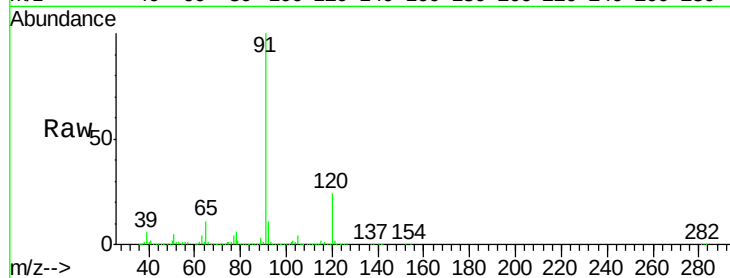
B-42R(I-2R)R

Tot Ion: 91 Resp: 1258875

Ion Ratio Lower Upper

91 100

120 23.7 11.8 35.4



#80

1,3,5-Trimethylbenzene

Concen: 84.619 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002532.D

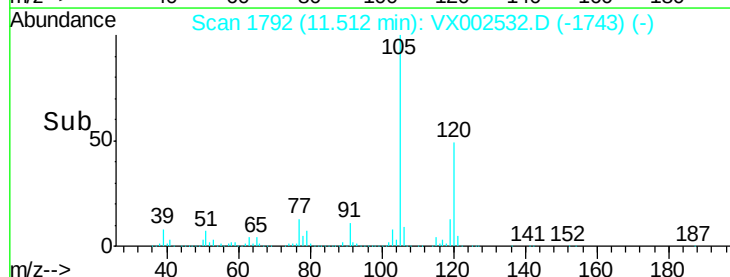
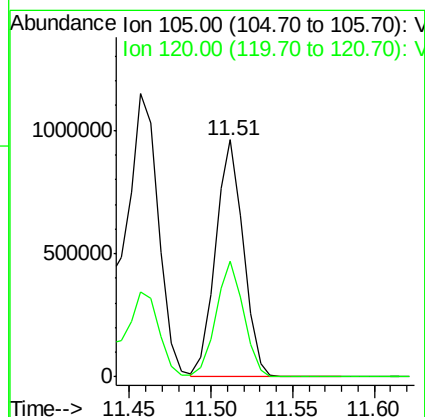
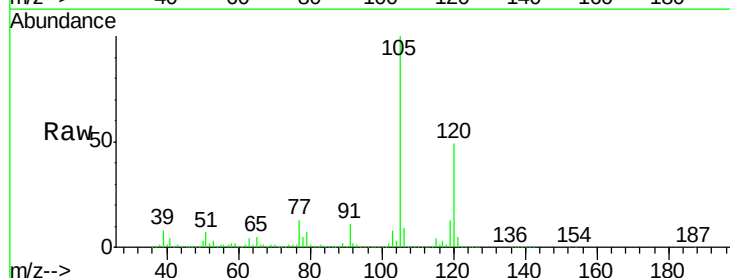
Acq: 14 Jun 2018 02:41

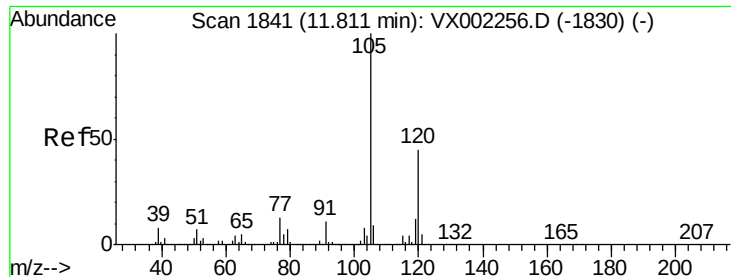
Tgt Ion: 105 Resp: 1141587

Ion Ratio Lower Upper

105 100

120 48.3 24.4 73.4





#84

1,2,4-Trimethylbenzene

Concen: 325.206 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002532.D

Acq: 14 Jun 2018 02:41

Instrument :

MSVOA_X

ClientSampleId :

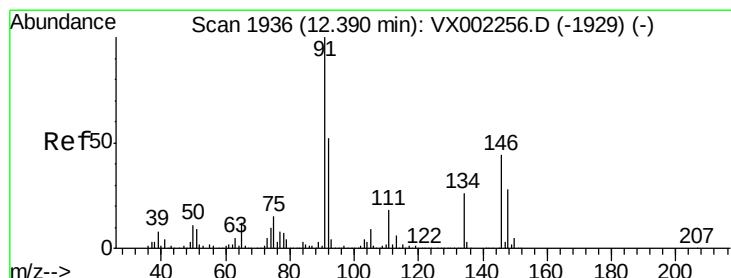
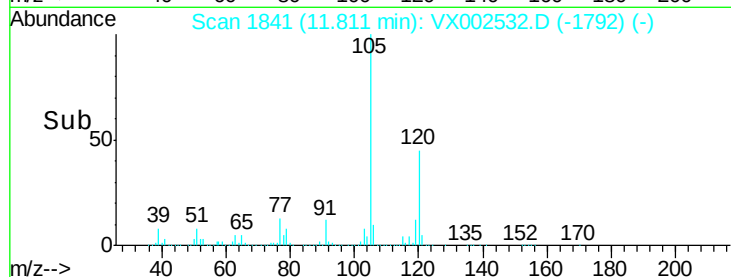
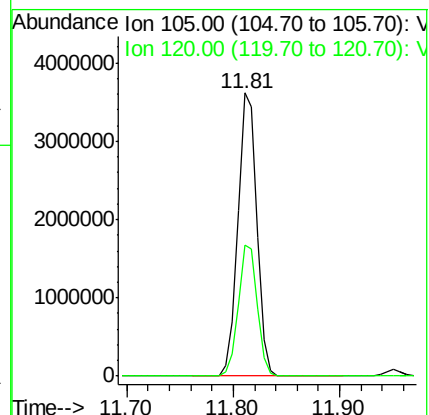
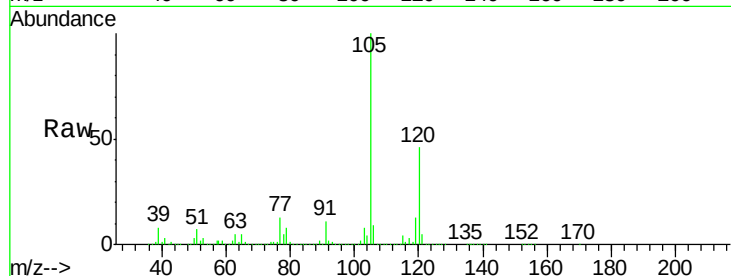
B-42R(I-2R)R

Tot Ion:105 Resp: 4516279

Ion Ratio Lower Upper

105 100

120 46.4 22.3 66.8



#89

n-Butylbenzene

Concen: 41.308 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002532.D

Acq: 14 Jun 2018 02:41

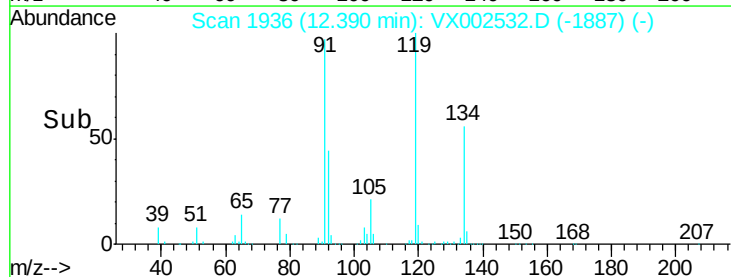
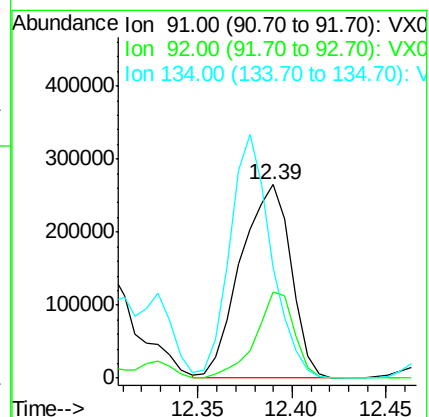
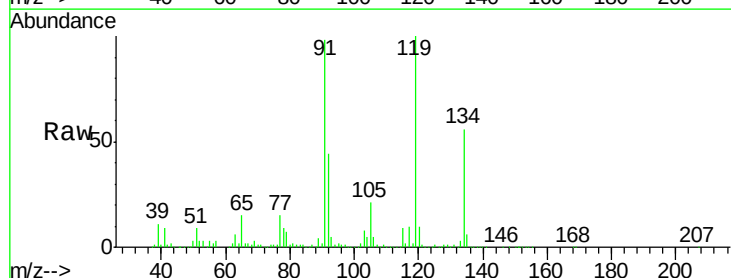
Tgt Ion: 91 Resp: 486011

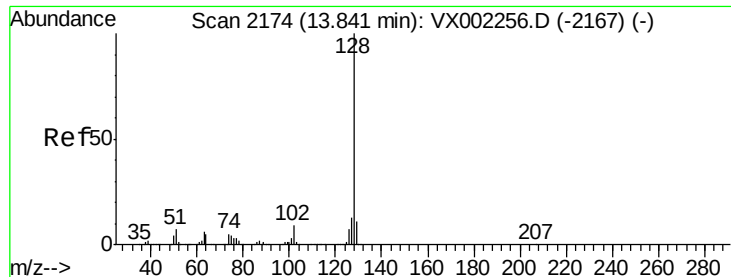
Ion Ratio Lower Upper

91 100

92 34.4 26.0 78.0

134 104.1 13.5 40.5#





#95

Naphthalene

Concen: 90.179 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002532.D

Acq: 14 Jun 2018 02:41

Instrument :

MSVOA_X

ClientSampleId :

B-42R(I-2R)R

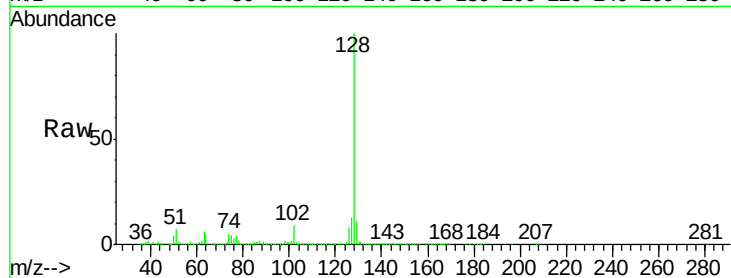
Tot Ion:128 Resp: 1484142

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 11.6 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

