

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\
 Data File : VX002541.D
 Acq On : 14 Jun 2018 06:41
 Operator : JC/MD
 Sample : J3413-14
 Misc : 6.30g/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-16R

Quant Time: Jun 14 07:44:52 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	5.66	168	266142	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.86	114	383442	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	374242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	239232	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	177818	46.48	ug/l	0.00
Spiked Amount			Recovery	=	92.96%	
35) Dibromofluoromethane	5.51	113	126255	41.87	ug/l	0.00
Spiked Amount			Recovery	=	83.74%	
50) Toluene-d8	8.72	98	553995	47.93	ug/l	0.00
Spiked Amount			Recovery	=	95.86%	
62) 4-Bromofluorobenzene	11.15	95	219643	49.28	ug/l	0.00
Spiked Amount			Recovery	=	98.56%	

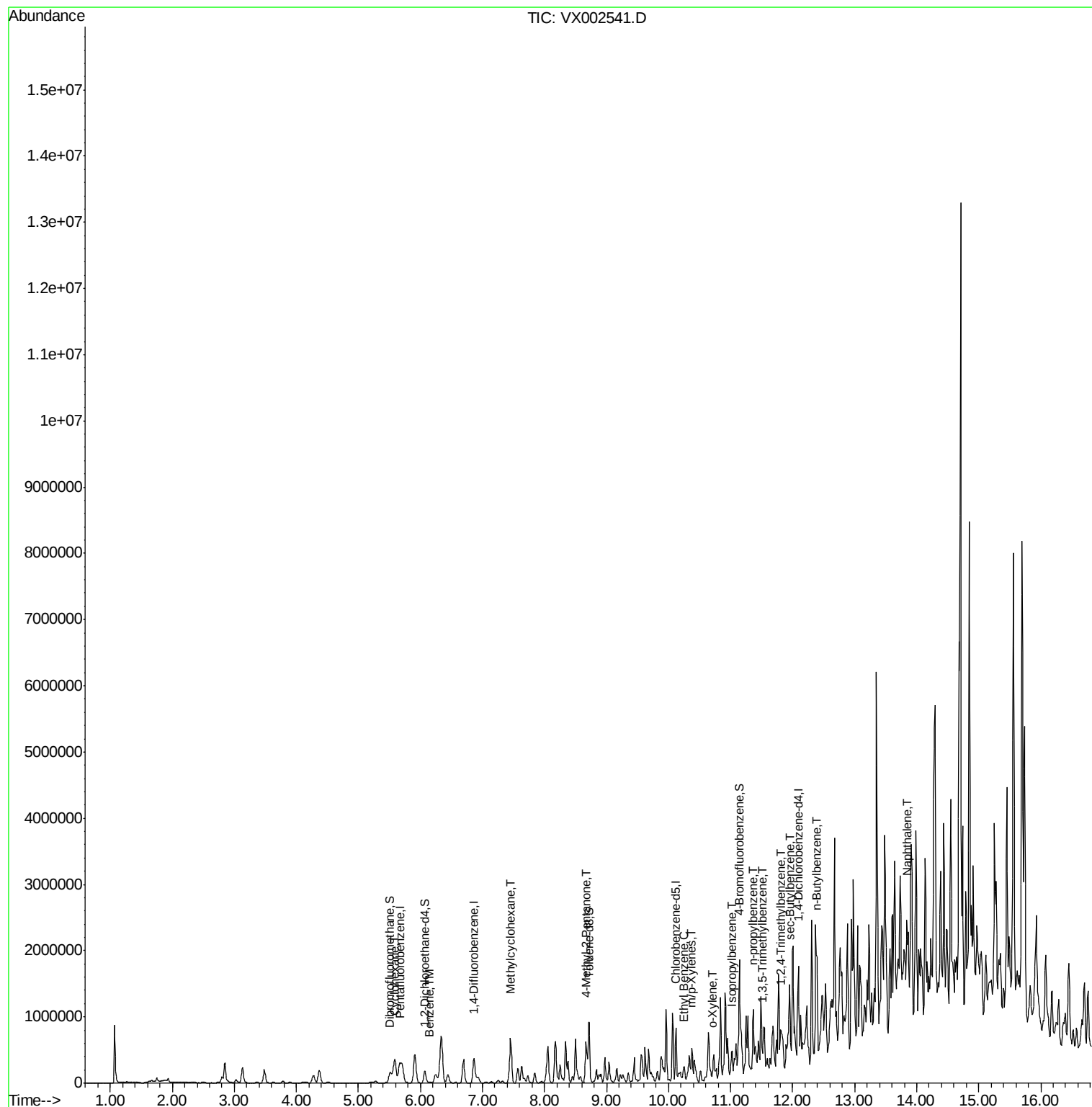
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.57	56	147838	30.765	ug/l #	72
39) Methylcyclohexane	7.46	83	288717	57.931	ug/l	98
40) Benzene	6.14	78	16134	1.305	ug/l	92
51) 4-Methyl-2-Pentanone	8.68	43	55591	10.841	ug/l #	67
67) Ethyl Benzene	10.26	91	31729	2.036	ug/l	95
68) m/p-Xylenes	10.37	106	5453	0.900	ug/l	76
69) o-Xylene	10.70	106	4855	0.805	ug/l	96
73) Isopropylbenzene	11.02	105	162573	9.769	ug/l	99
78) n-propylbenzene	11.37	91	562294	30.399	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	18397	1.289	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	63995	4.355	ug/l	95
85) sec-Butylbenzene	11.95	105	278872	17.113	ug/l	79
89) n-Butylbenzene	12.39	91	397754	31.952	ug/l #	85
95) Naphthalene	13.84	128	962769	55.290	ug/l #	94

(#) = 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
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX002541.D

Acq: 14 Jun 2018 06:41

Instrument :

MSVOA_X

ClientSampled :

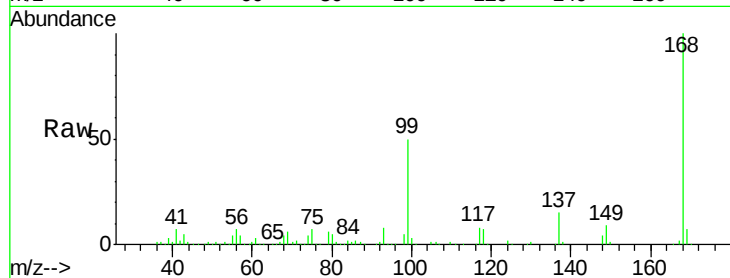
B-16R

Tot Ion:168 Resp: 266142

Ion Ratio Lower Upper

168 100

99 49.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

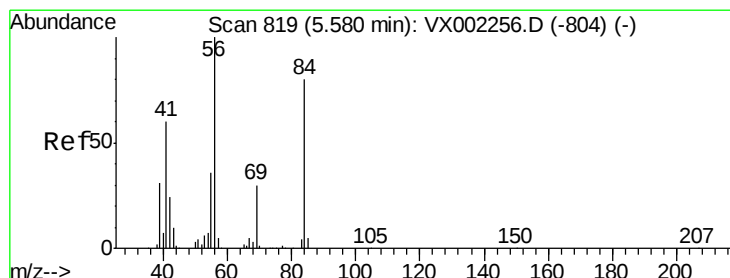
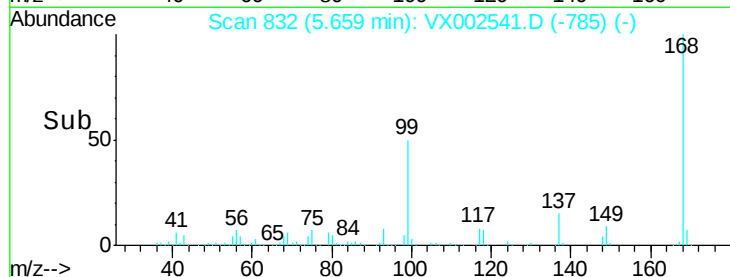
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#31

Cyclohexane

Concen: 30.765 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002541.D

Acq: 14 Jun 2018 06:41

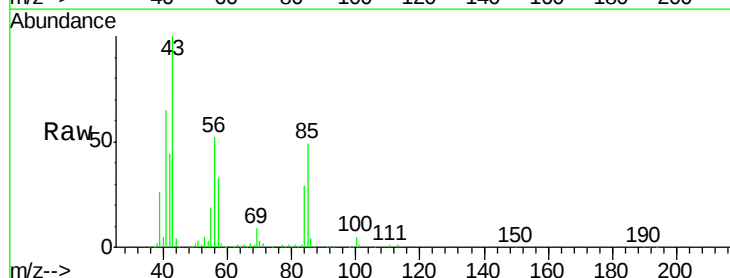
Tgt Ion: 56 Resp: 147838

Ion Ratio Lower Upper

56 100

69 14.7 23.7 35.5#

84 55.6 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

80000

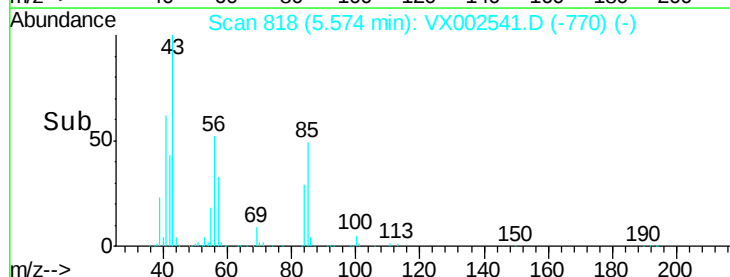
60000

40000

20000

0

Time--> 5.50 5.60

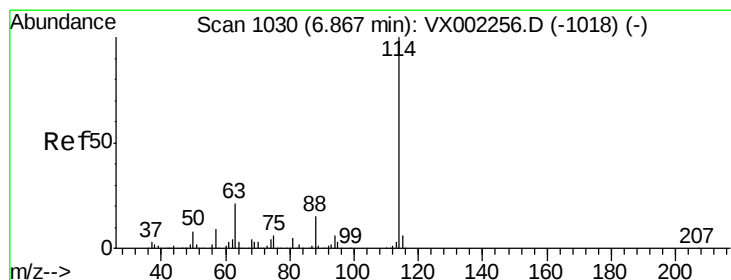
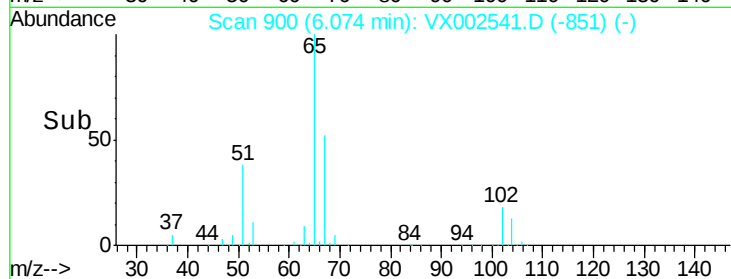
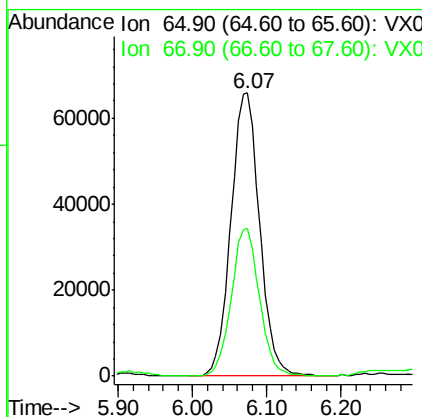
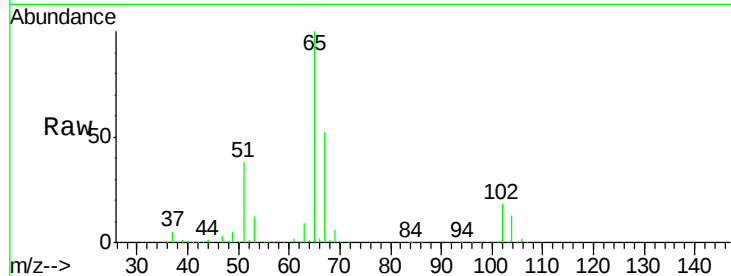




#33
 1,2-Dichloroethane-d4
 Concen: 46.479 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002541.D
 Acq: 14 Jun 2018 06:41

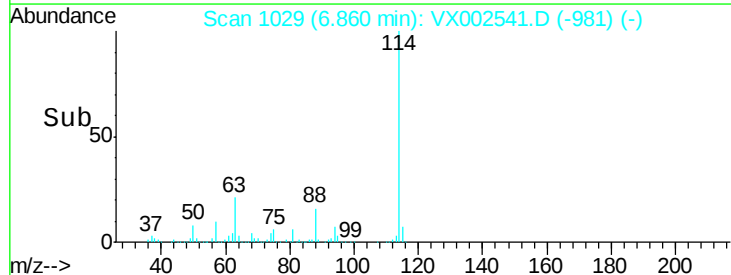
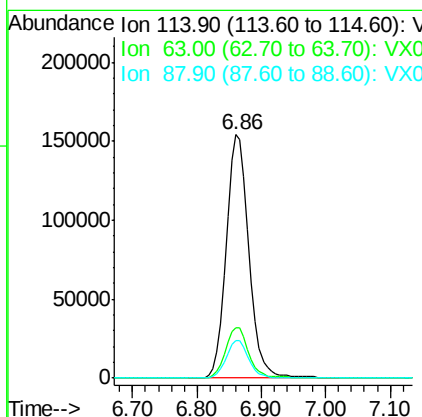
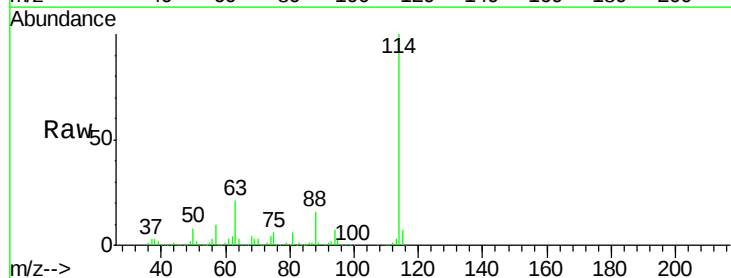
Instrument :
 MSVOA_X
 ClientSampleId :
 B-16R

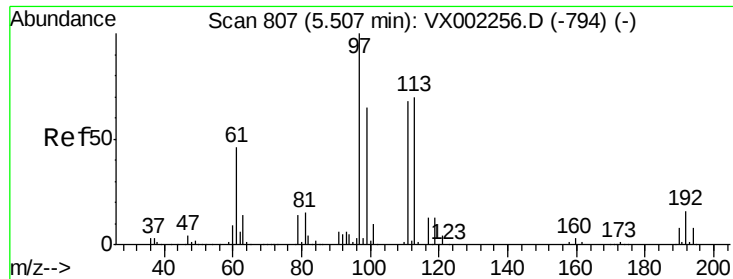
Tot Ion: 65 Resp: 177818
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX002541.D
 Acq: 14 Jun 2018 06:41

Tgt Ion: 114 Resp: 383442
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 41.4
 88 15.5 0.0 30.0





#35

Dibromofluoromethane

Concen: 41.870 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002541.D

Acq: 14 Jun 2018 06:41

Instrument :

MSVOA_X

ClientSampleId :

B-16R

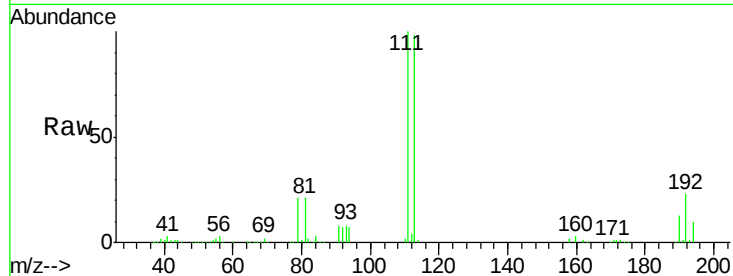
Tot Ion:113 Resp: 126255

Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

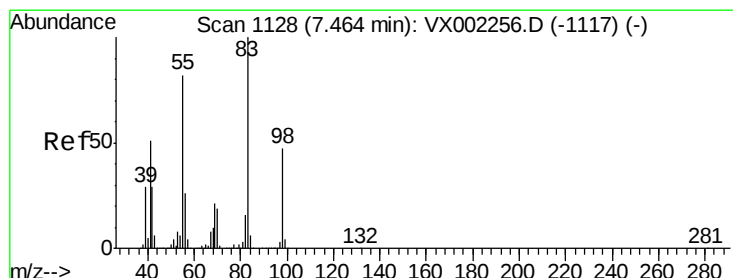
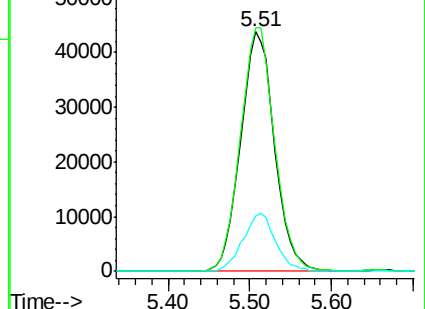
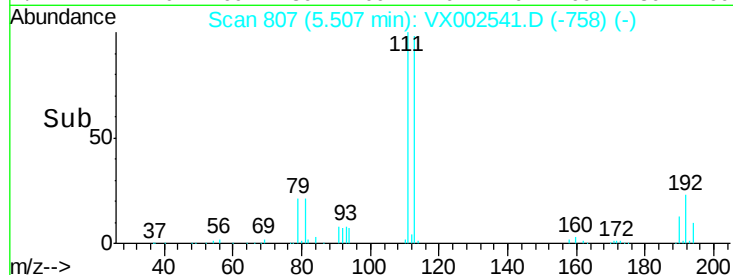
192 23.3 19.1 28.7



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: 57.931 ug/l

RT: 7.46 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX002541.D

Acq: 14 Jun 2018 06:41

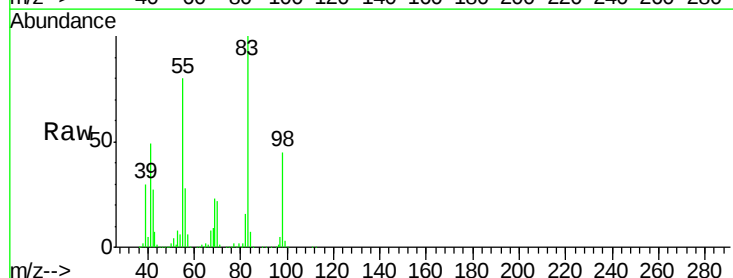
Tgt Ion: 83 Resp: 288717

Ion Ratio Lower Upper

83 100

55 79.4 65.4 98.0

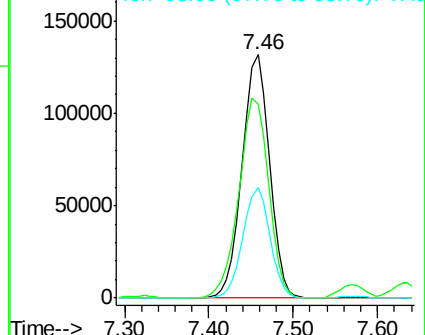
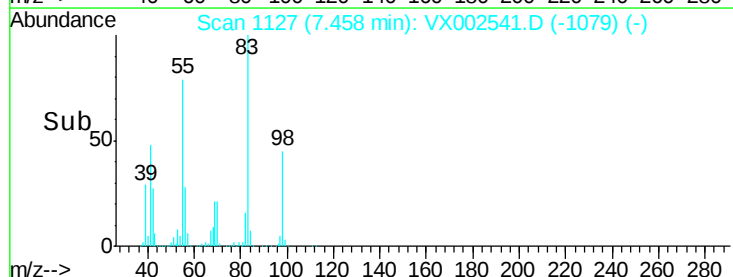
98 45.1 37.4 56.0

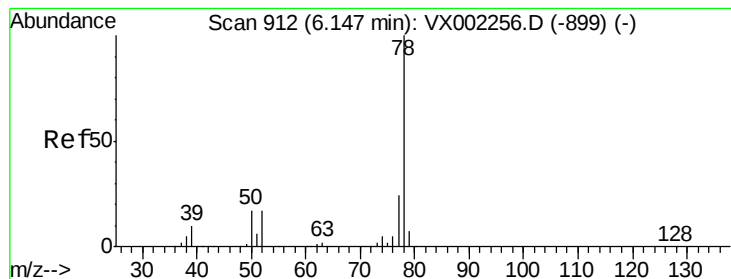


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 1.305 ug/l

RT: 6.14 min Scan# 911

Delta R.T. -0.01 min

Lab File: VX002541.D

Acq: 14 Jun 2018 06:41

Instrument :

MSVOA_X

ClientSampleId :

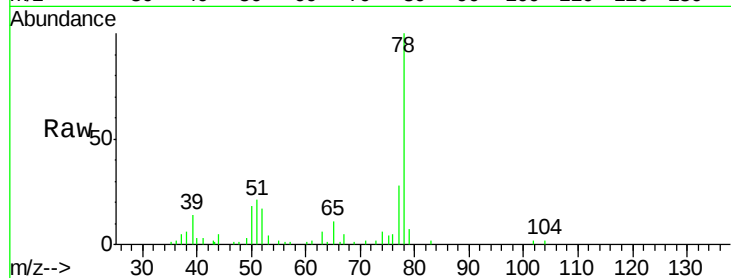
B-16R

Tot Ion: 78 Resp: 16134

Ion Ratio Lower Upper

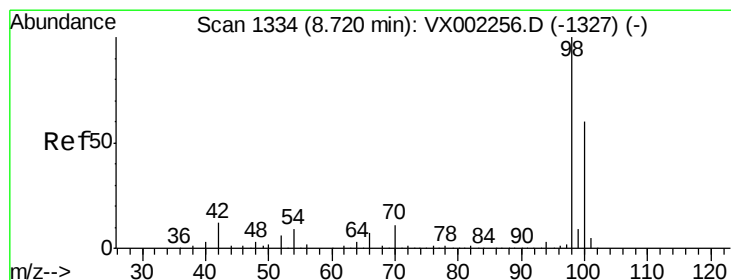
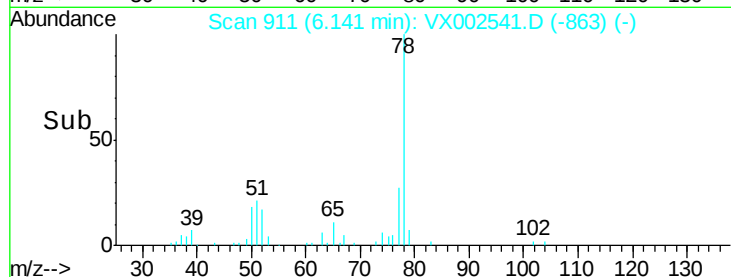
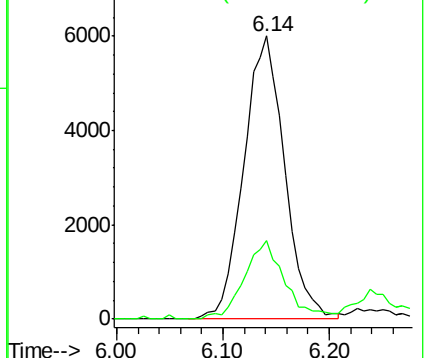
78 100

77 27.9 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: 47.932 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002541.D

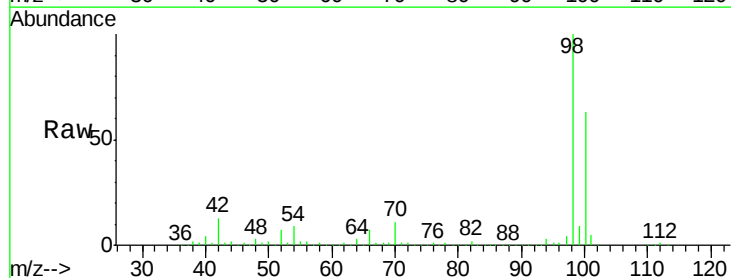
Acq: 14 Jun 2018 06:41

Tgt Ion: 98 Resp: 553995

Ion Ratio Lower Upper

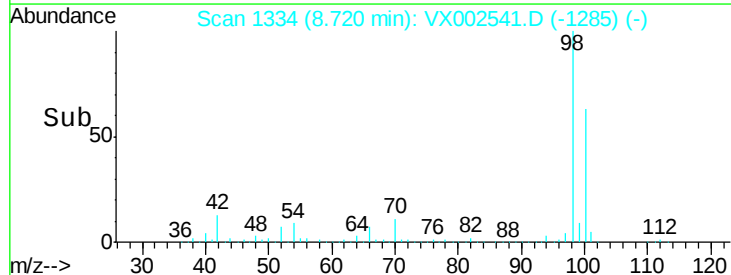
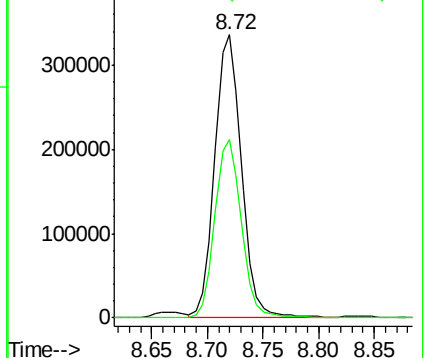
98 100

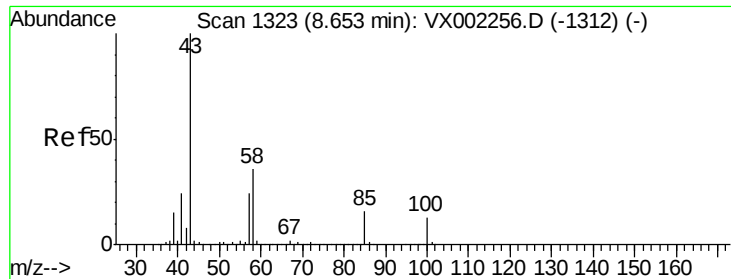
100 63.6 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 10.841 ug/l

RT: 8.68 min Scan# 1327

Delta R.T. 0.02 min

Lab File: VX002541.D

Acq: 14 Jun 2018 06:41

Instrument :

MSVOA_X

ClientSampled :

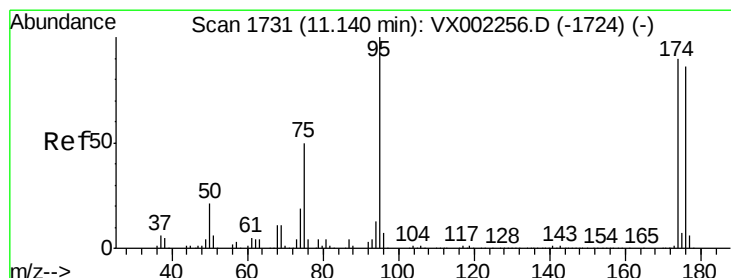
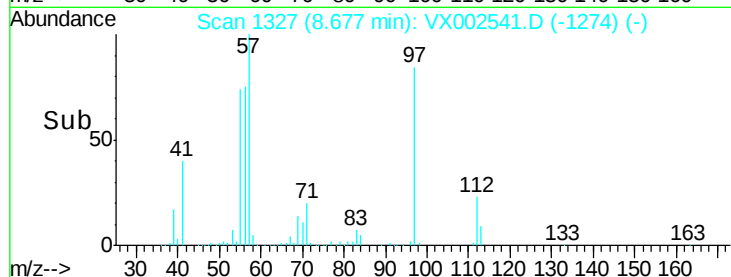
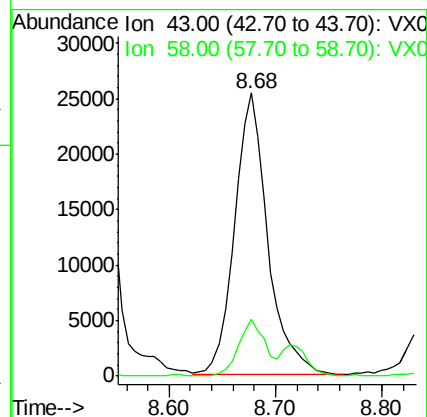
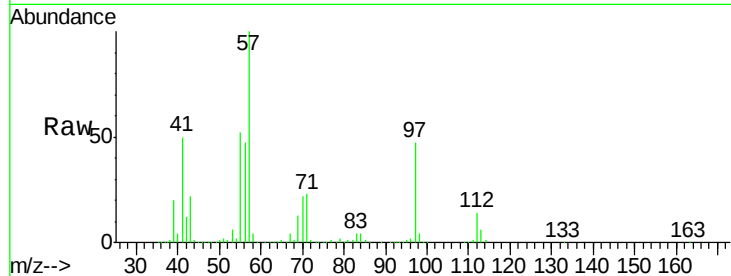
B-16R

Tot Ion: 43 Resp: 55591

Ion Ratio Lower Upper

43 100

58 16.5 28.6 42.8#



#62

4-Bromofluorobenzene

Concen: 49.282 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX002541.D

Acq: 14 Jun 2018 06:41

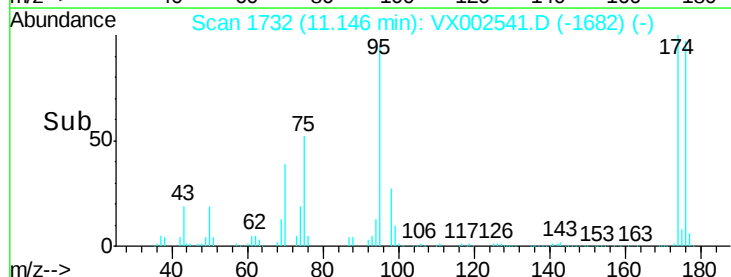
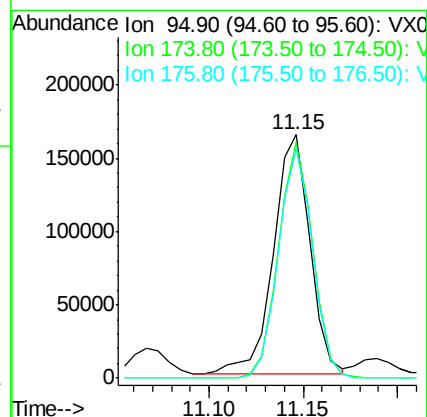
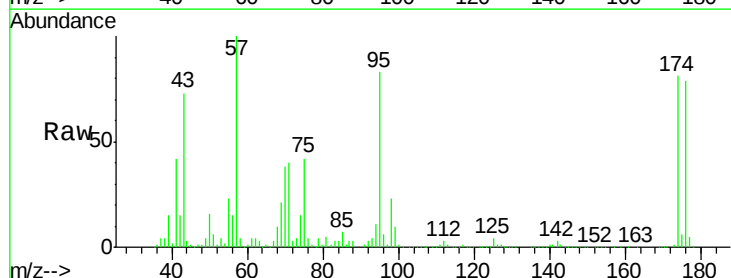
Tgt Ion: 95 Resp: 219643

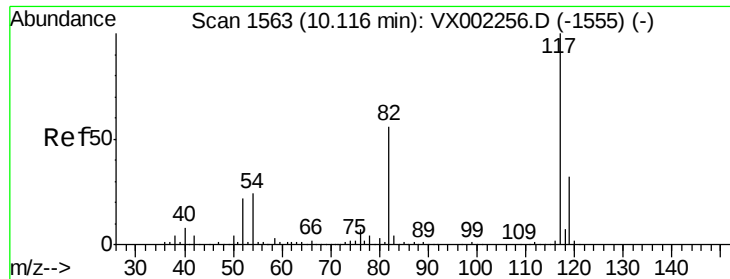
Ion Ratio Lower Upper

95 100

174 92.1 0.0 187.4

176 89.8 0.0 181.0

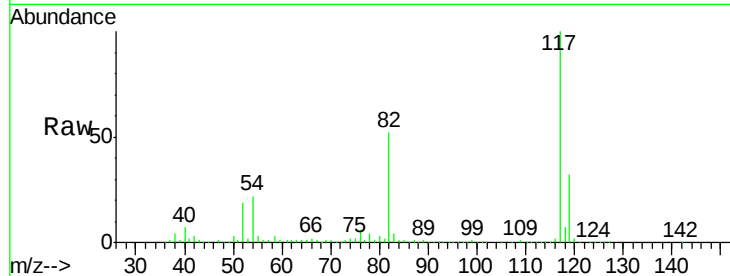




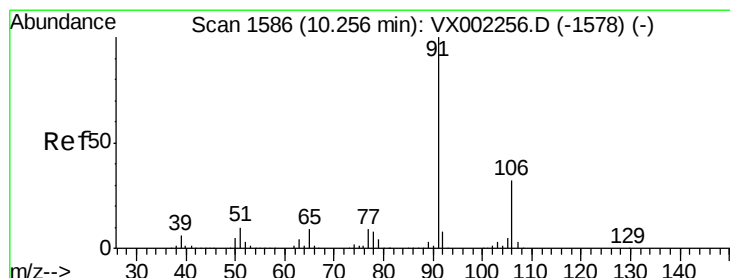
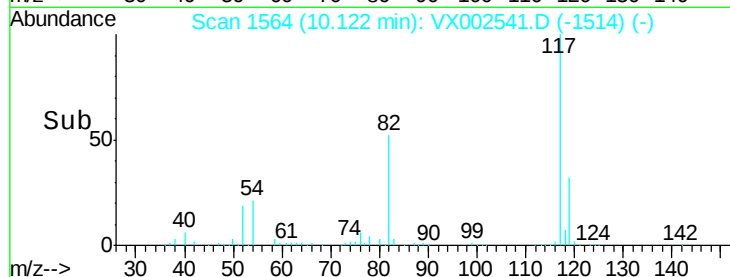
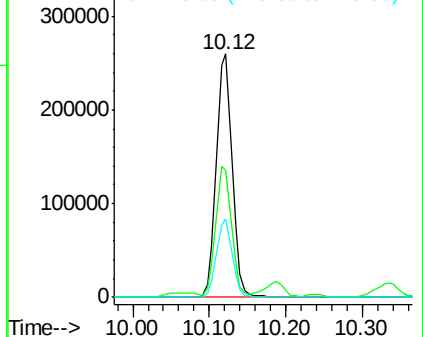
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX002541.D
Acq: 14 Jun 2018 06:41

Instrument :
MSVOA_X
ClientSampleId :
B-16R

Tot Ion:117 Resp: 374242
Ion Ratio Lower Upper
117 100
82 51.8 45.0 67.4
119 32.2 25.8 38.6

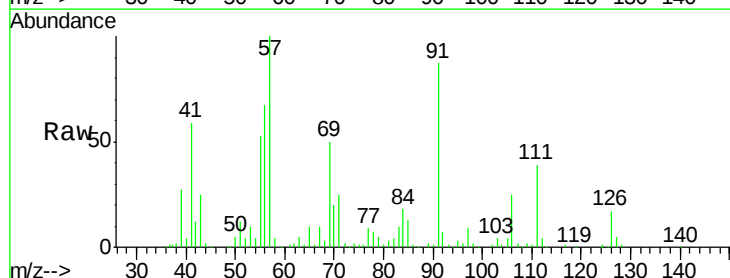


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

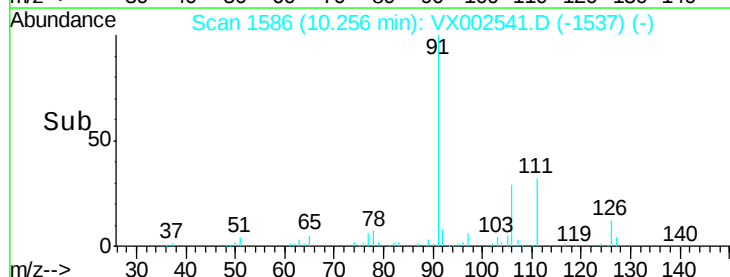
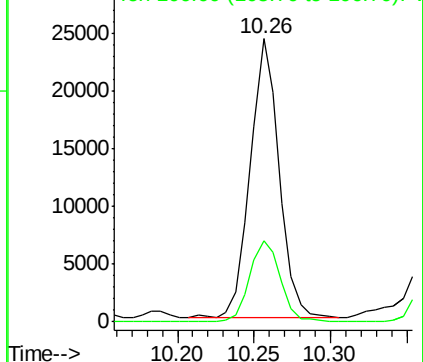


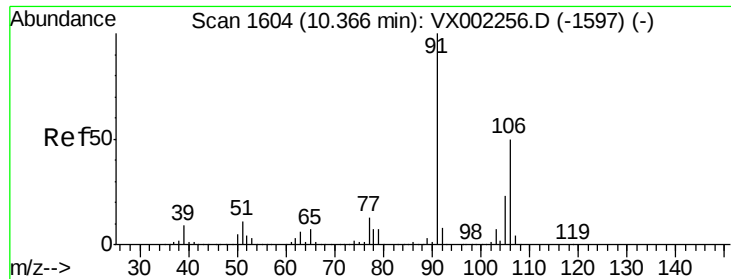
#67
Ethyl Benzene
Concen: 2.036 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002541.D
Acq: 14 Jun 2018 06:41

Tgt Ion: 91 Resp: 31729
Ion Ratio Lower Upper
91 100
106 29.3 25.5 38.3



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

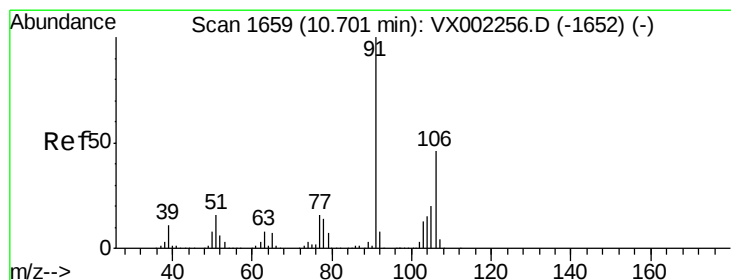
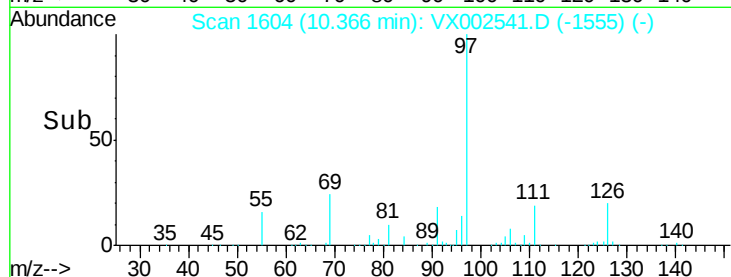
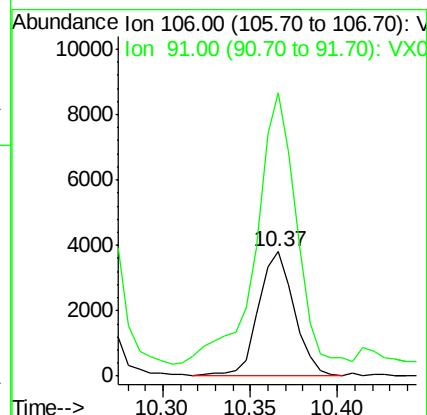
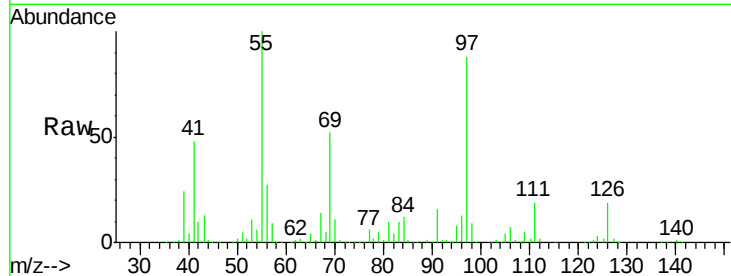




#68
m/p-Xylenes
Concen: 0.900 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002541.D
Acq: 14 Jun 2018 06:41

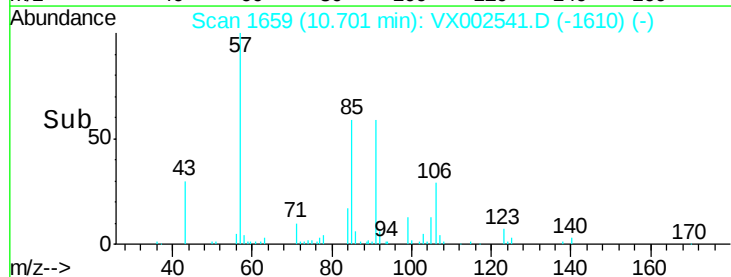
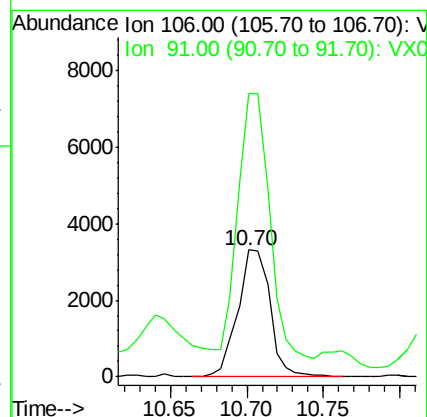
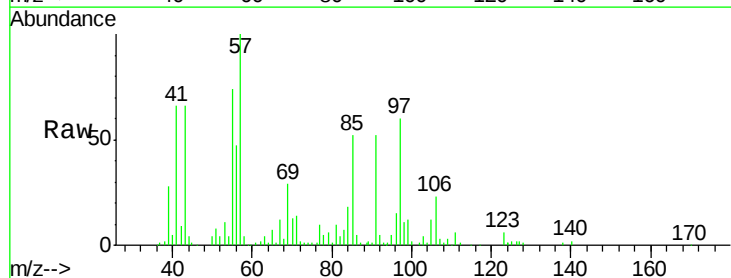
Instrument :
MSVOA_X
ClientSampleId :
B-16R

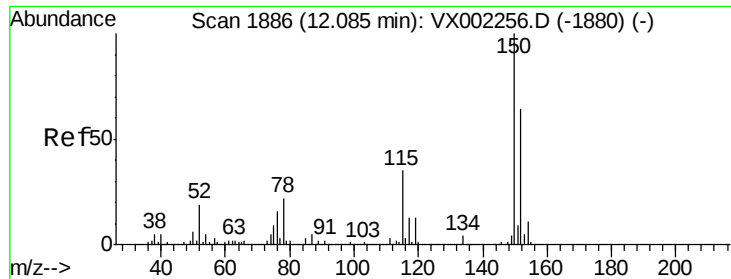
Tot Ion:106 Resp: 5453
Ion Ratio Lower Upper
106 100
91 240.7 163.4 245.2



#69
o-Xylene
Concen: 0.805 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002541.D
Acq: 14 Jun 2018 06:41

Tgt Ion:106 Resp: 4855
Ion Ratio Lower Upper
106 100
91 210.7 108.2 324.6



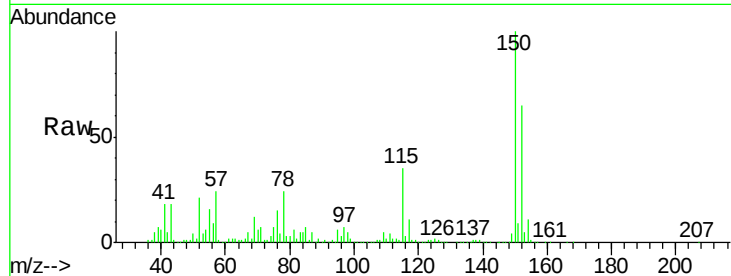


#72

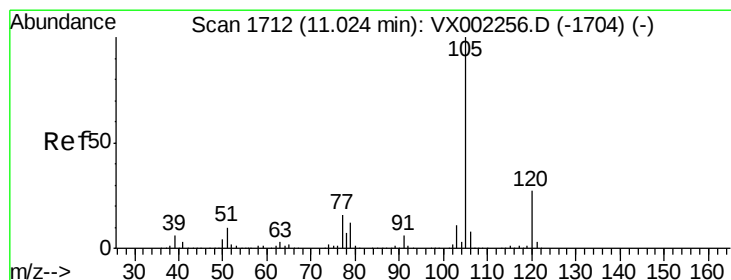
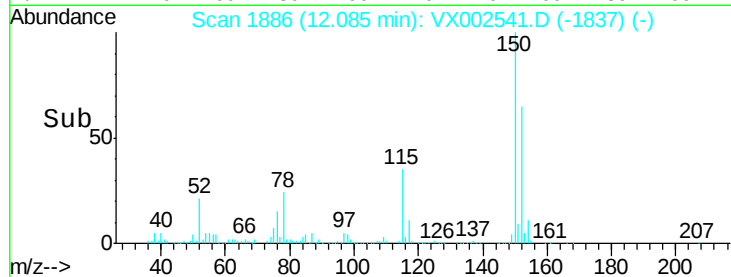
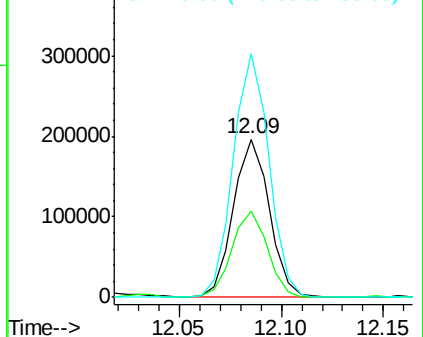
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002541.D
Acq: 14 Jun 2018 06:41

Instrument :
MSVOA_X
ClientSampled :
B-16R

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.9	40.1	120.2
150	153.8	0.0	347.2



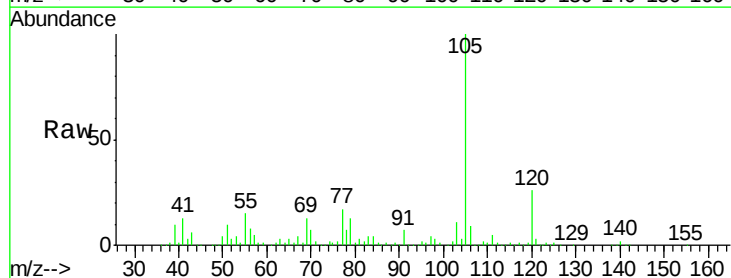
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



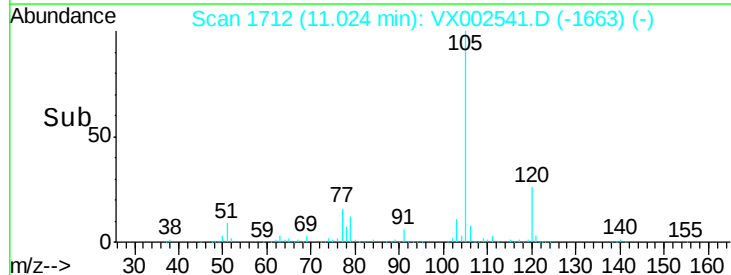
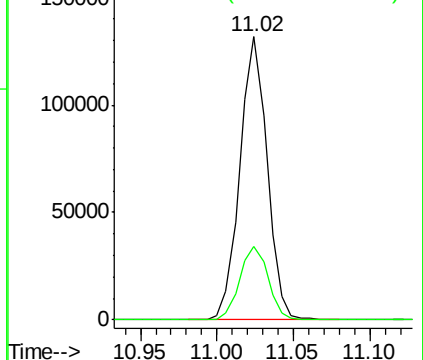
#73

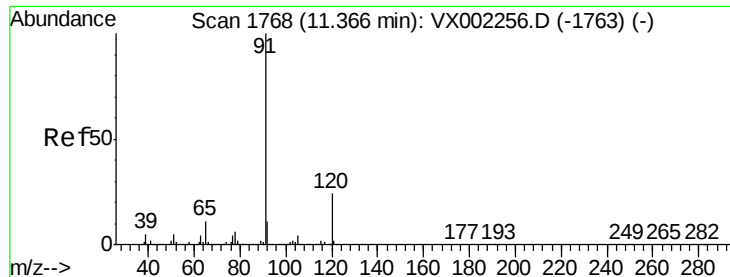
Isopropylbenzene
Concen: 9.769 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX002541.D
Acq: 14 Jun 2018 06:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.4	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: 30.399 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002541.D

Acq: 14 Jun 2018 06:41

Instrument :

MSVOA_X

ClientSampled :

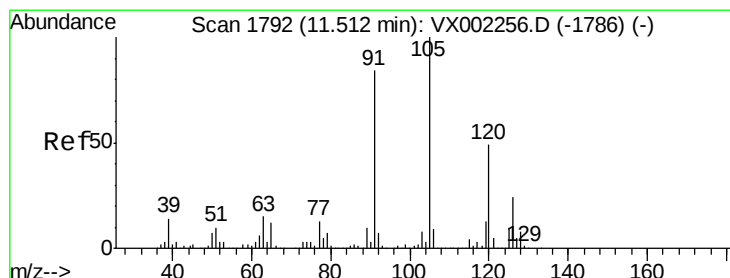
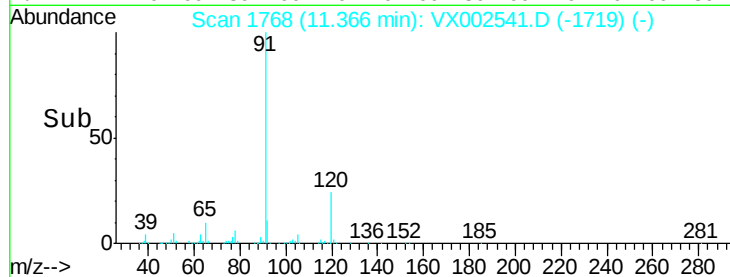
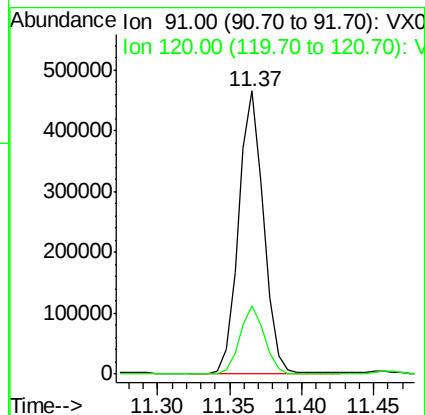
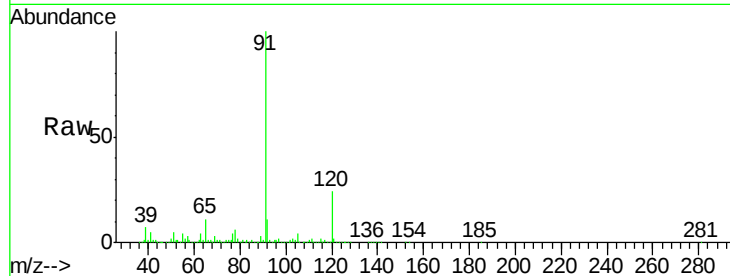
B-16R

Tot Ion: 91 Resp: 562294

Ion Ratio Lower Upper

91 100

120 23.5 11.8 35.4



#80

1,3,5-Trimethylbenzene

Concen: 1.289 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002541.D

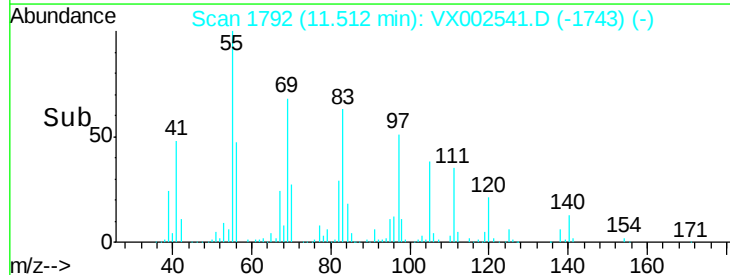
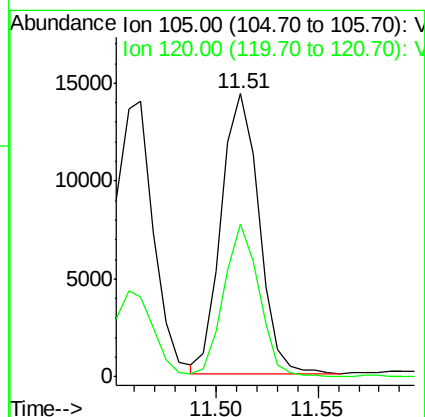
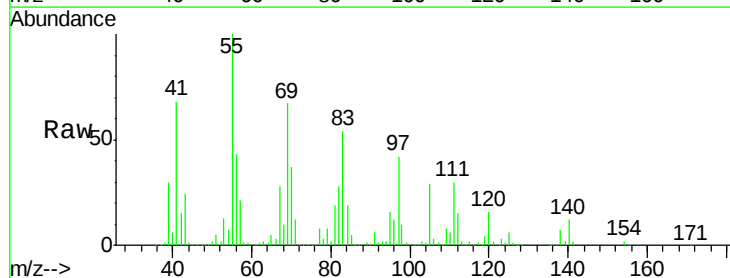
Acq: 14 Jun 2018 06:41

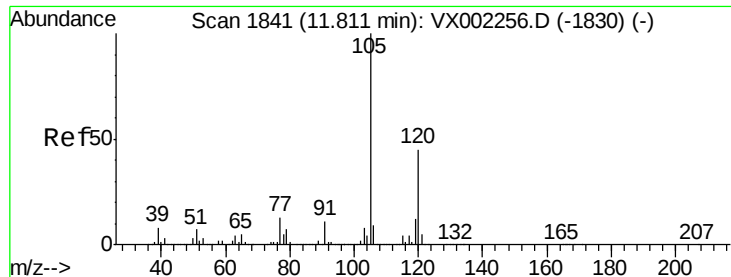
Tgt Ion: 105 Resp: 18397

Ion Ratio Lower Upper

105 100

120 51.1 24.4 73.4





#84

1,2,4-Trimethylbenzene

Concen: 4.355 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002541.D

Acq: 14 Jun 2018 06:41

Instrument :

MSVOA_X

ClientSampled :

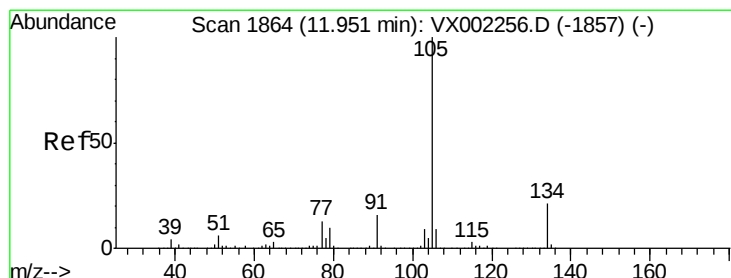
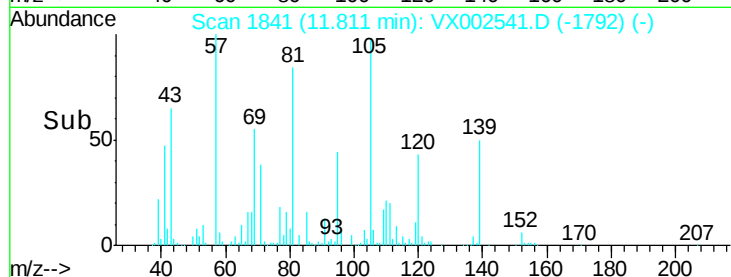
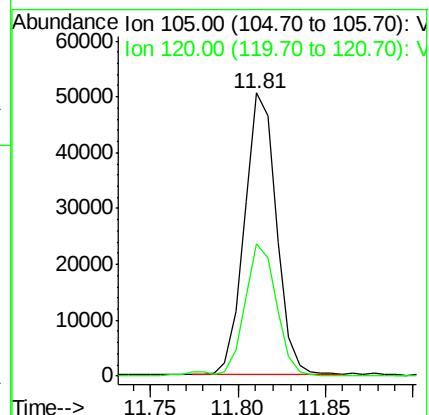
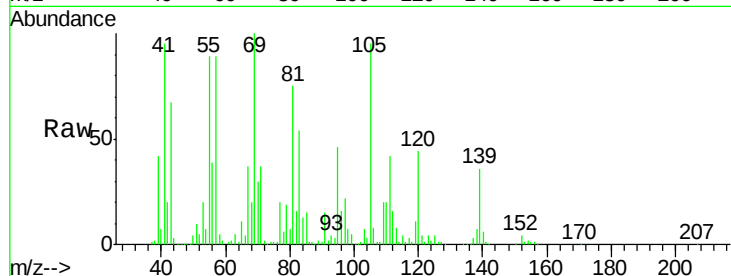
B-16R

Tot Ion:105 Resp: 63995

Ion Ratio Lower Upper

105 100

120 47.7 22.3 66.8



#85

sec-Butylbenzene

Concen: 17.113 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002541.D

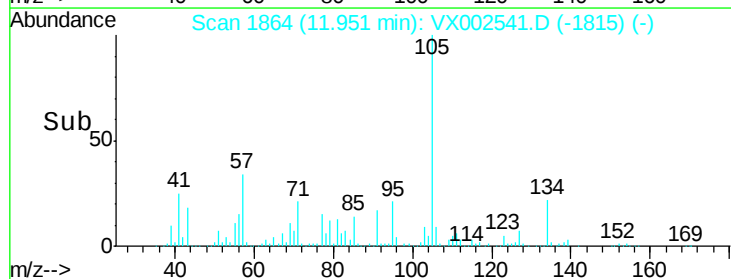
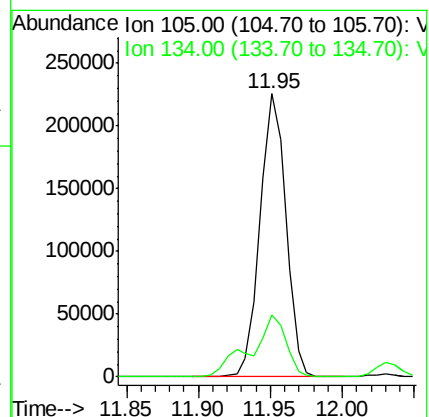
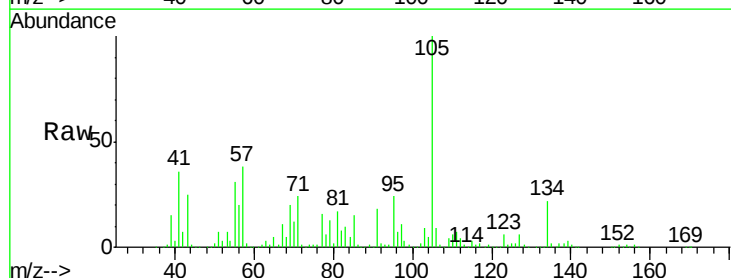
Acq: 14 Jun 2018 06:41

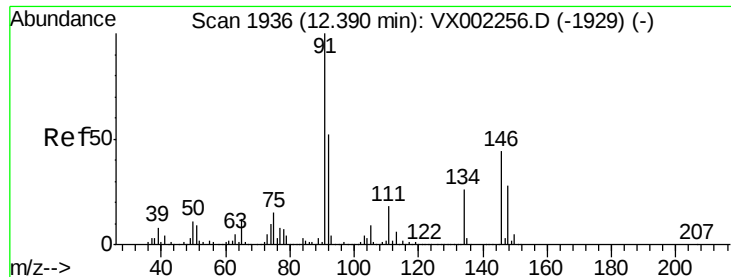
Tgt Ion:105 Resp: 278872

Ion Ratio Lower Upper

105 100

134 30.3 10.4 31.1

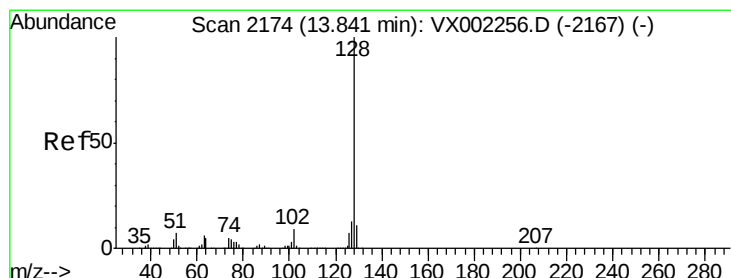
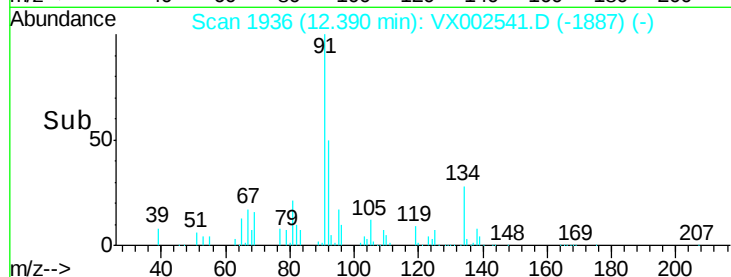
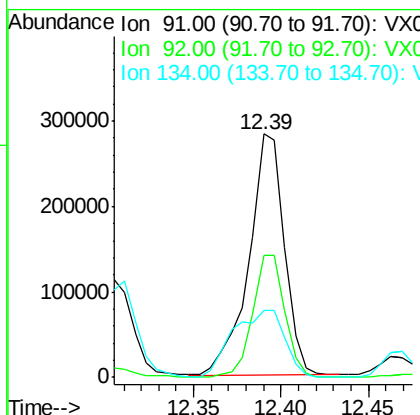
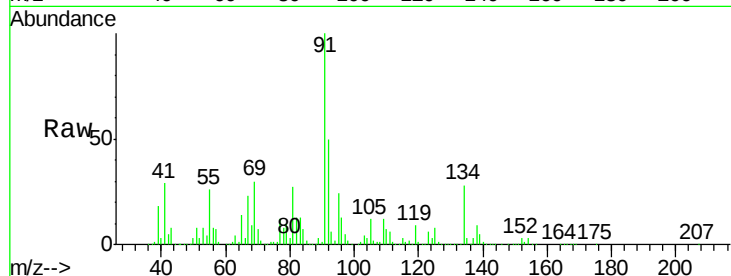




#89
n-Butylbenzene
Concen: 31.952 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002541.D
Acq: 14 Jun 2018 06:41

Instrument :
MSVOA_X
ClientSampleId :
B-16R

Tot Ion: 91 Resp: 397754
Ion Ratio Lower Upper
91 100
92 45.6 26.0 78.0
134 40.7 13.5 40.5#



#95
Naphthalene
Concen: 55.290 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002541.D
Acq: 14 Jun 2018 06:41

Tgt Ion: 128 Resp: 962769
Ion Ratio Lower Upper
128 100
127 13.9 10.4 15.6
129 14.9 8.6 13.0#

