

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060719\
 Data File : VX010115.D
 Acq On : 07 Jun 2019 17:50
 Operator : JC/SP
 Sample : K3153-05ME
 Misc : 5.32g/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HR-05-060519-CME

Quant Time: Jun 08 03:36:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	301079	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	457240	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	414234	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	214489	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	142739	48.57	ug/l	0.00
Spiked Amount			Recovery	=	97.14%	
35) Dibromofluoromethane	5.50	113	142838	50.65	ug/l	0.00
Spiked Amount			Recovery	=	101.30%	
50) Toluene-d8	8.71	98	535257	50.64	ug/l	0.00
Spiked Amount			Recovery	=	101.28%	
62) 4-Bromofluorobenzene	11.14	95	207489	52.56	ug/l	0.00
Spiked Amount			Recovery	=	105.12%	

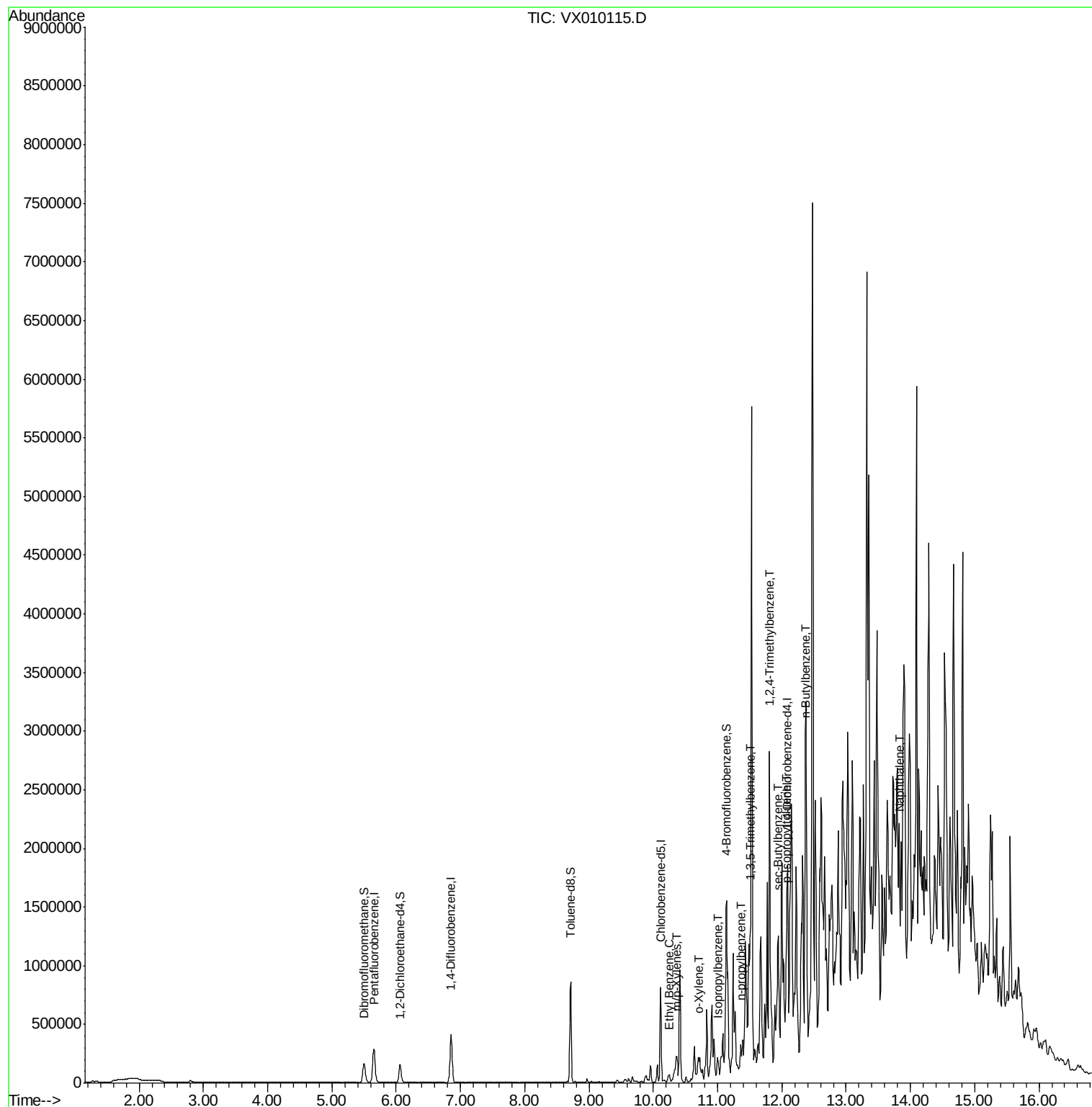
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
67) Ethyl Benzene	10.25	91	22169	1.523	ug/l	97
68) m/p-Xylenes	10.35	106	40817	7.247	ug/l	89
69) o-Xylene	10.70	106	40068	7.157	ug/l	89
73) Isopropylbenzene	11.02	105	25242	1.686	ug/l	93
78) n-propylbenzene	11.36	91	136934	8.215	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	364001	28.864	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1079280	84.727	ug/l	95
85) sec-Butylbenzene	11.94	105	137133	9.222	ug/l #	74
86) p-Isopropyltoluene	12.07	119	116795	8.591	ug/l	97
89) n-Butylbenzene	12.38	91	408037	34.869	ug/l #	45
95) Naphthalene	13.83	128	99642	6.133	ug/l #	78

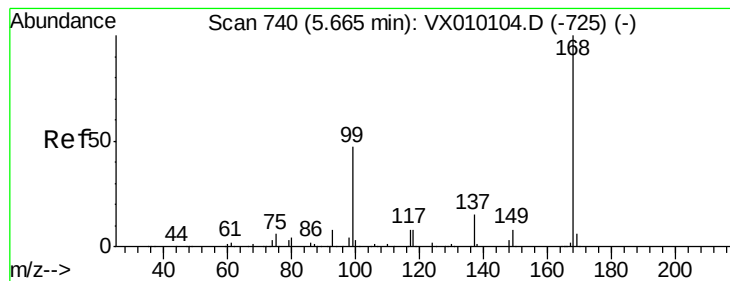
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX060719\
Data File : VX010115.D
Acq On : 07 Jun 2019 17:50
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HR-05-060519-CME

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX010115.D

Acq: 07 Jun 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

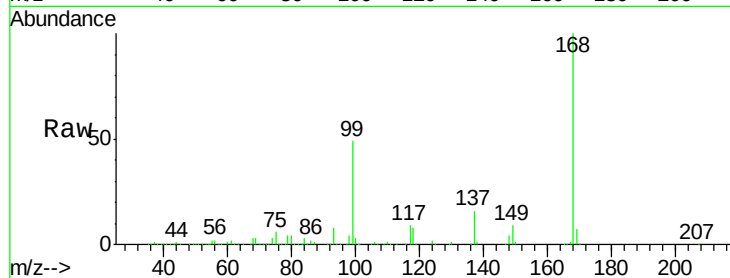
HR-05-060519-CME

Tot Ion:168 Resp: 301079

Ion Ratio Lower Upper

168 100

99 48.9 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

120000

100000

80000

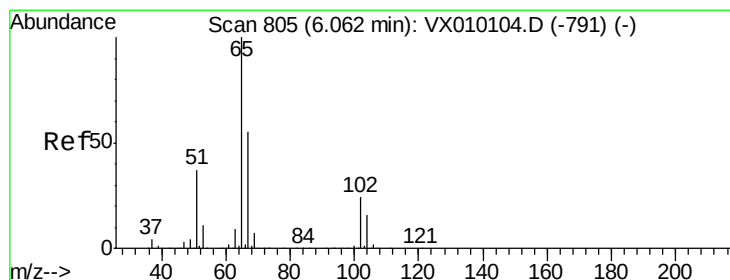
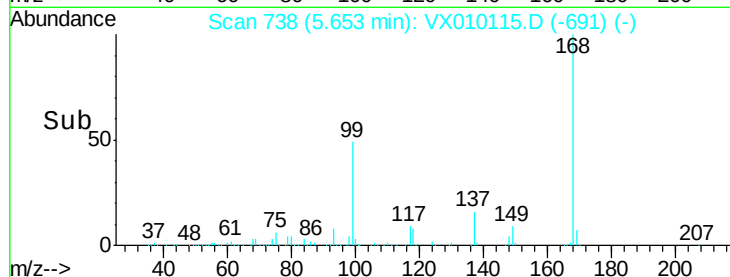
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.569 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010115.D

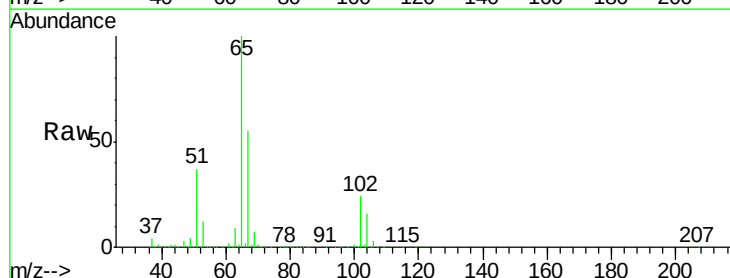
Acq: 07 Jun 2019 17:50

Tgt Ion: 65 Resp: 142739

Ion Ratio Lower Upper

65 100

67 53.7 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

60000

50000

40000

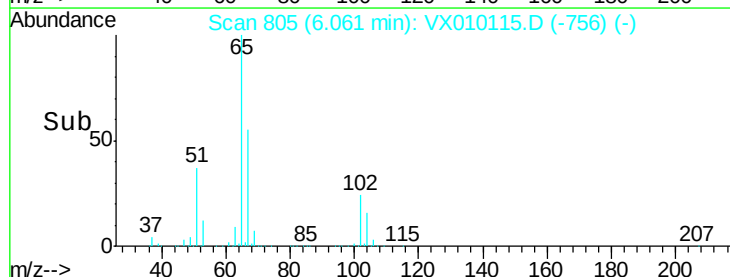
30000

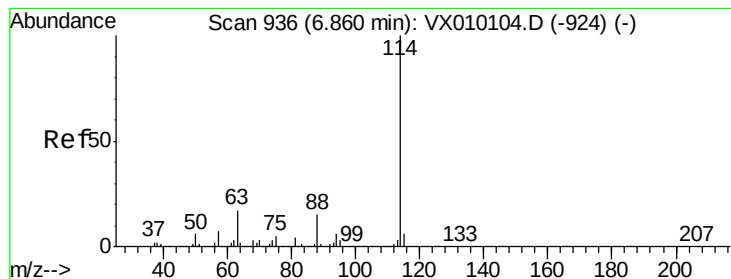
20000

10000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010115.D

Acq: 07 Jun 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

HR-05-060519-CME

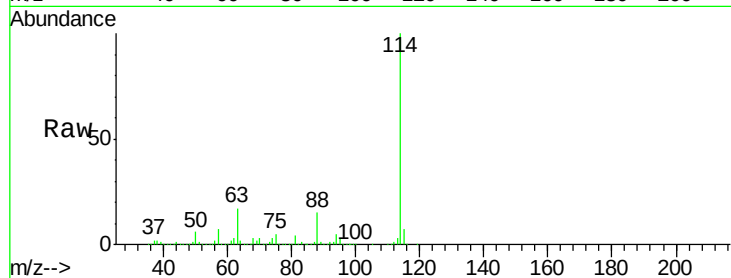
Tot Ion:114 Resp: 457240

Ion Ratio Lower Upper

114 100

63 17.1 0.0 47.4

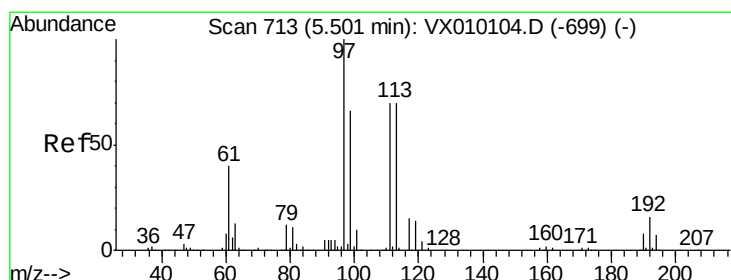
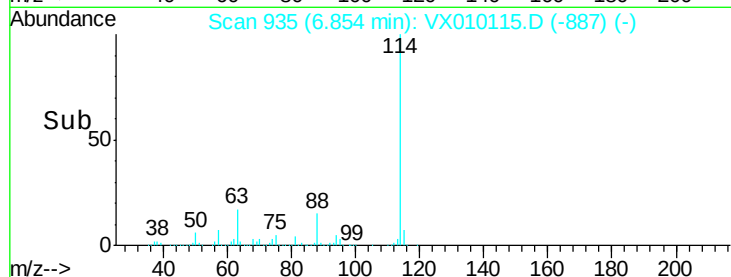
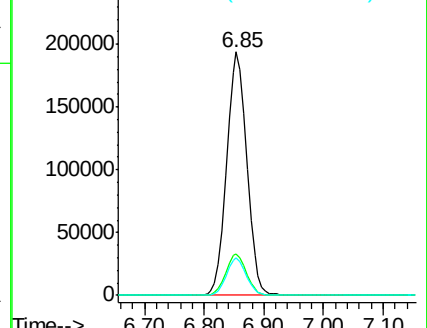
88 15.2 0.0 33.0



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: 50.645 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010115.D

Acq: 07 Jun 2019 17:50

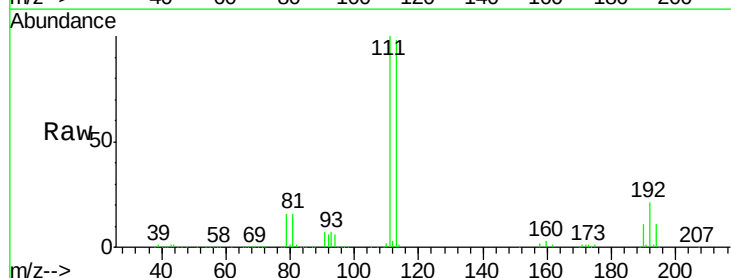
Tgt Ion:113 Resp: 142838

Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.2

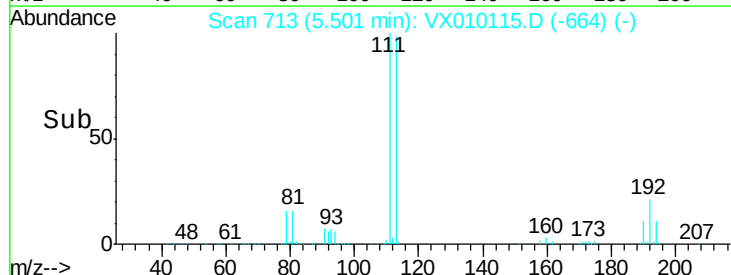
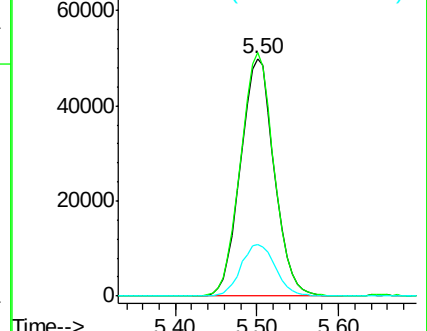
192 22.4 17.1 25.7

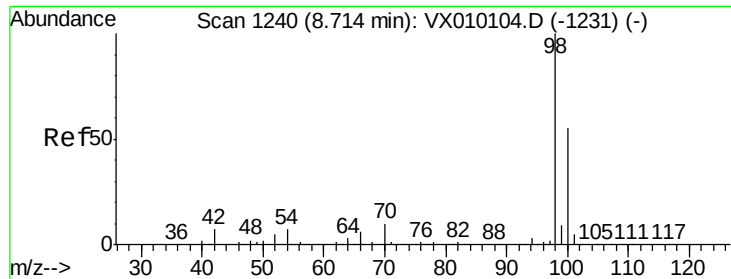


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.638 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010115.D

Acq: 07 Jun 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

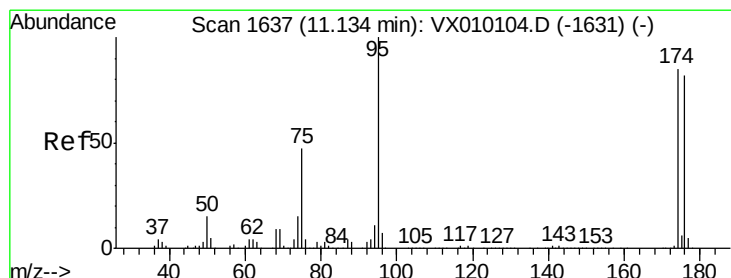
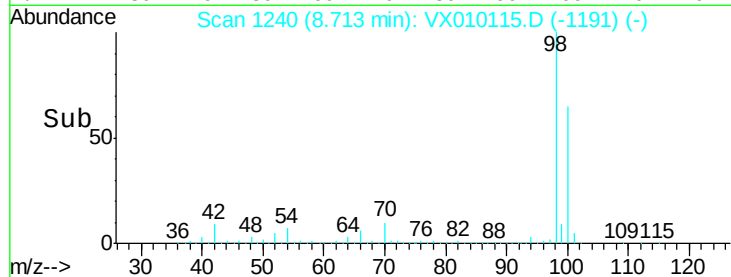
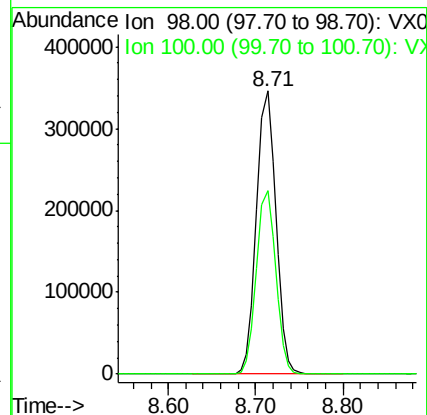
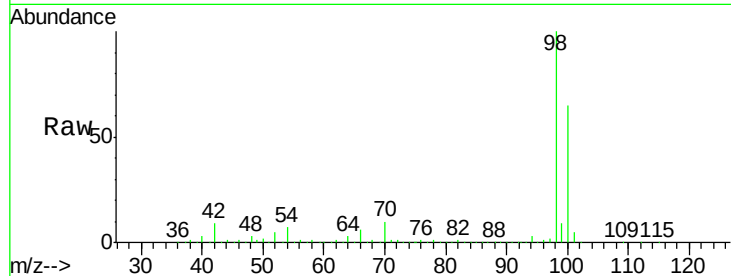
HR-05-060519-CME

Tot Ion: 98 Resp: 535257

Ion Ratio Lower Upper

98 100

100 64.6 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 52.561 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX010115.D

Acq: 07 Jun 2019 17:50

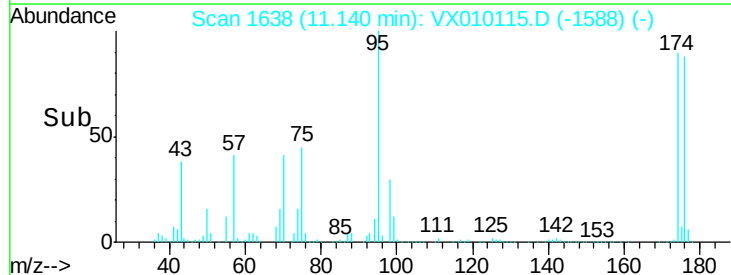
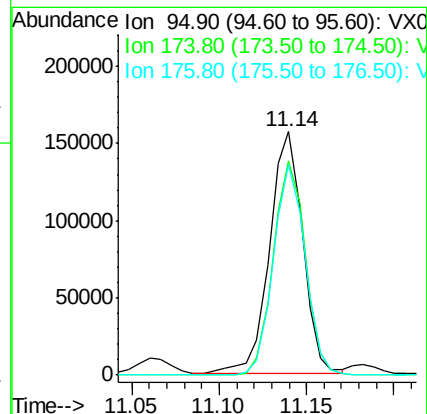
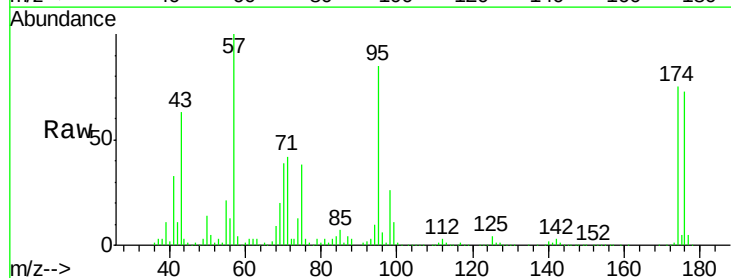
Tgt Ion: 95 Resp: 207489

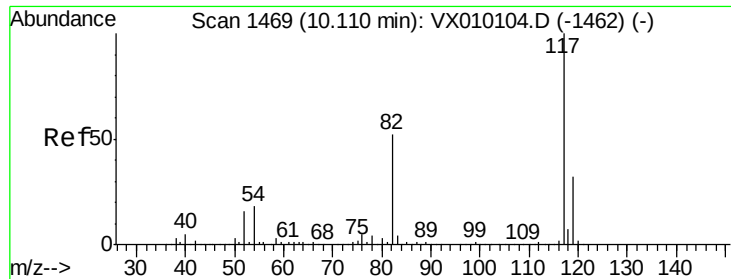
Ion Ratio Lower Upper

95 100

174 85.7 0.0 160.4

176 83.0 0.0 154.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX010115.D

Acq: 07 Jun 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

HR-05-060519-CME

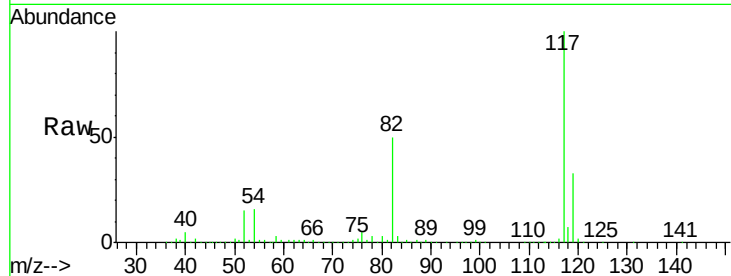
Tot Ion:117 Resp: 414234

Ion Ratio Lower Upper

117 100

82 49.8 49.2 73.8

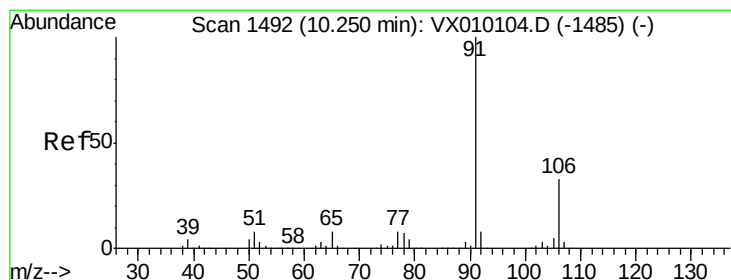
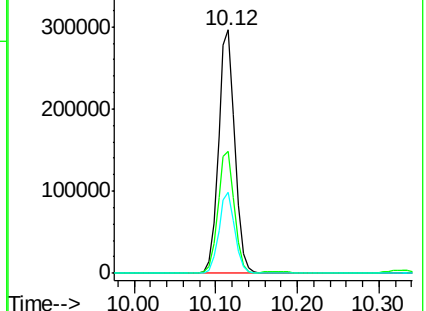
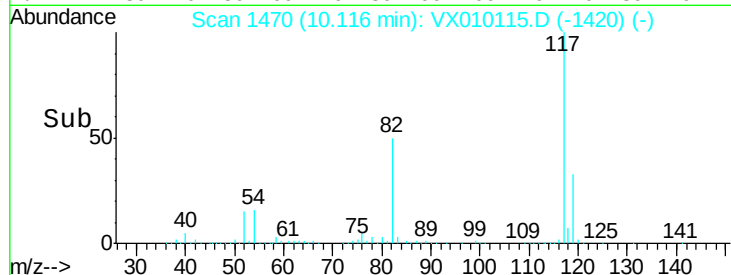
119 33.3 25.2 37.8



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



#67

Ethyl Benzene

Concen: 1.523 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010115.D

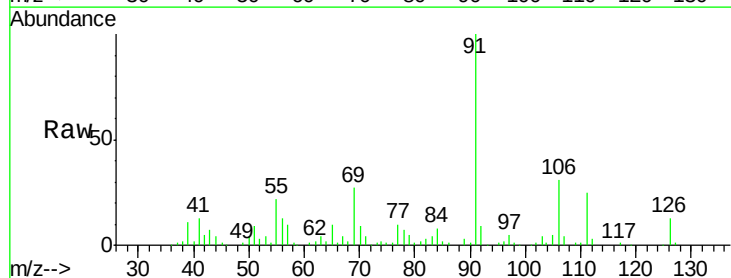
Acq: 07 Jun 2019 17:50

Tgt Ion: 91 Resp: 22169

Ion Ratio Lower Upper

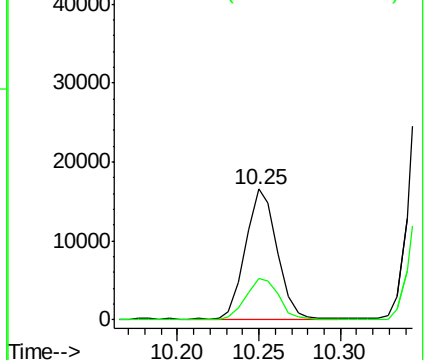
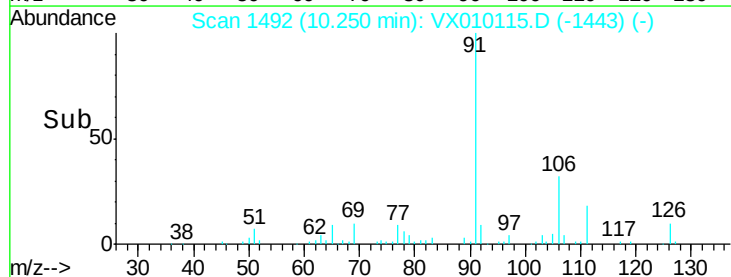
91 100

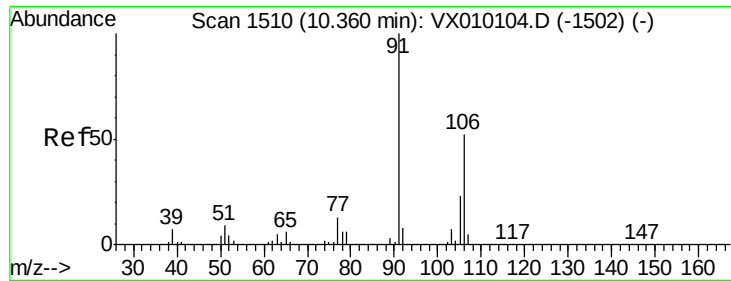
106 31.8 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

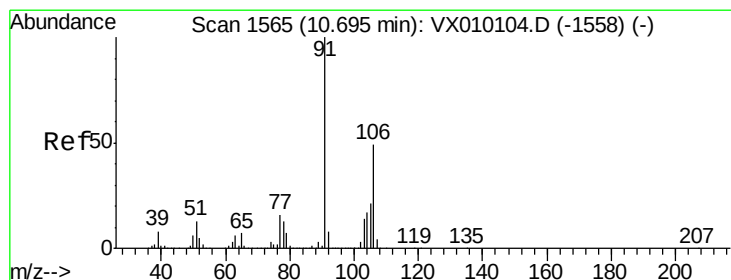
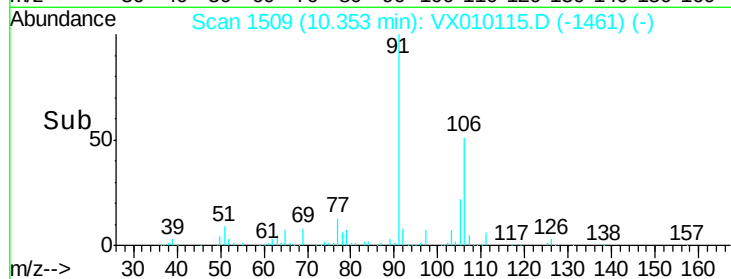
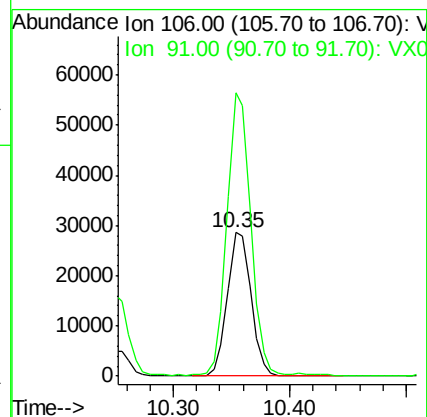
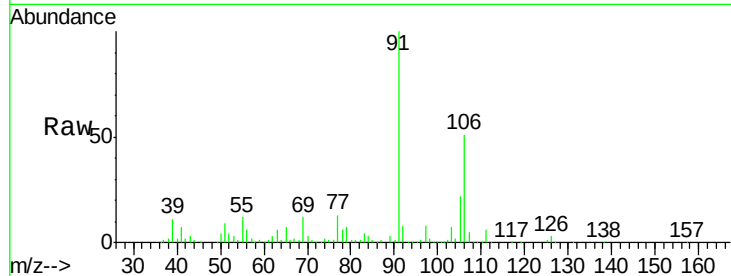




#68
m/p-Xylenes
Concen: 7.247 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010115.D
Acq: 07 Jun 2019 17:50

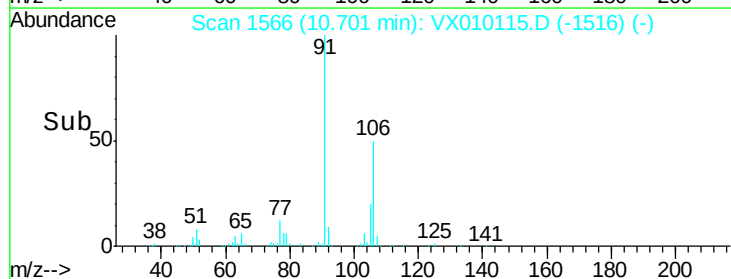
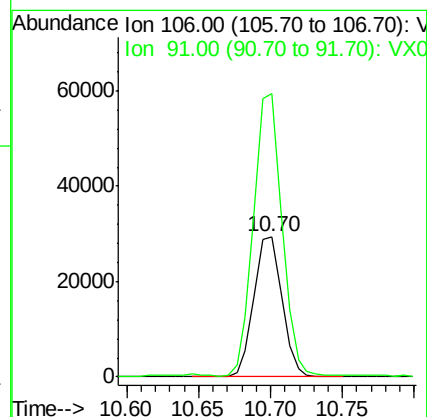
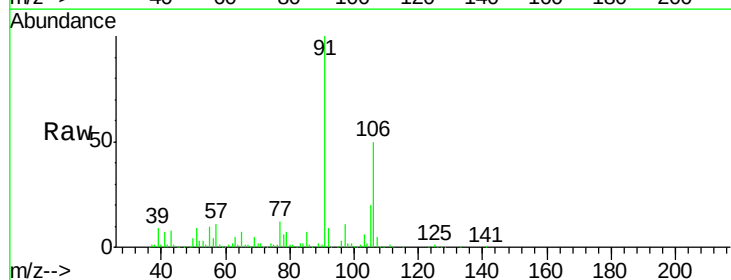
Instrument :
MSVOA_X
ClientSampleId :
HR-05-060519-CME

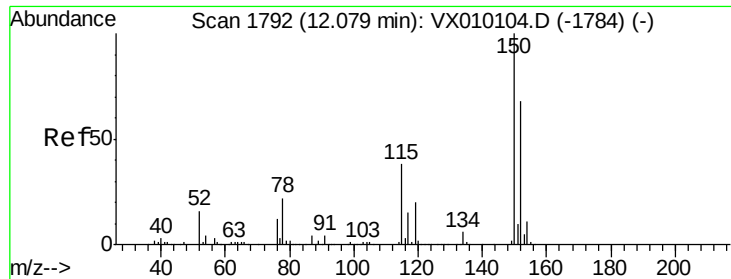
Tot Ion:106 Resp: 40817
Ion Ratio Lower Upper
106 100
91 192.7 167.3 250.9



#69
o-Xylene
Concen: 7.157 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010115.D
Acq: 07 Jun 2019 17:50

Tgt Ion:106 Resp: 40068
Ion Ratio Lower Upper
106 100
91 202.3 110.4 331.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010115.D

Acq: 07 Jun 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

HR-05-060519-CME

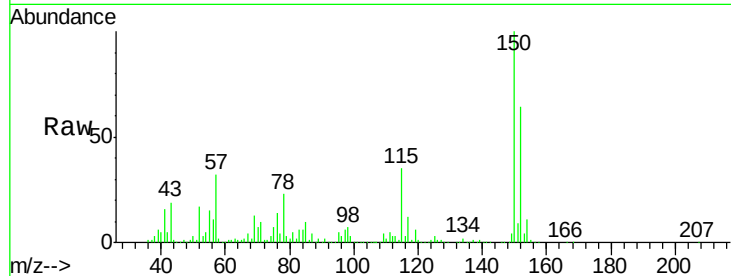
Tot Ion:152 Resp: 214489

Ion Ratio Lower Upper

152 100

115 59.4 41.4 124.2

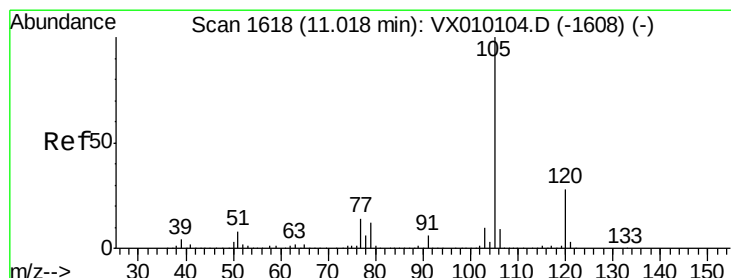
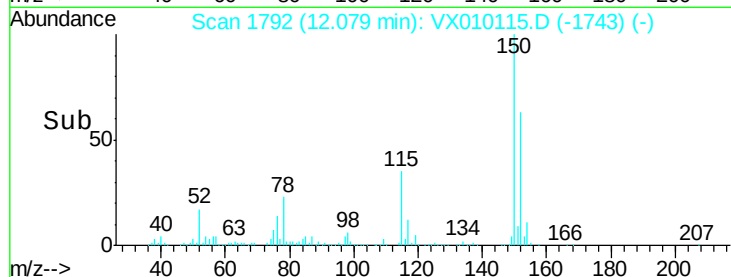
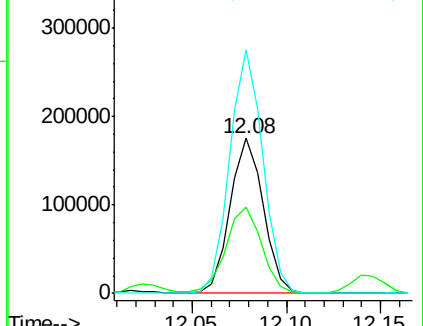
150 156.6 0.0 345.2



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: 1.686 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010115.D

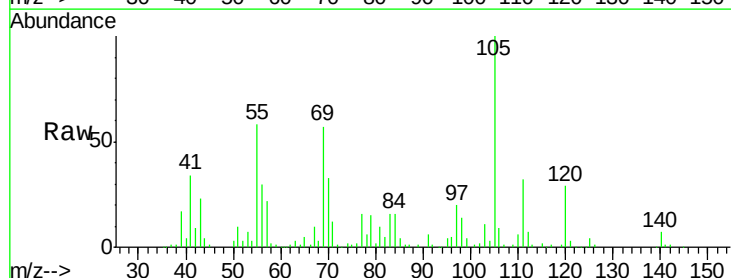
Acq: 07 Jun 2019 17:50

Tgt Ion:105 Resp: 25242

Ion Ratio Lower Upper

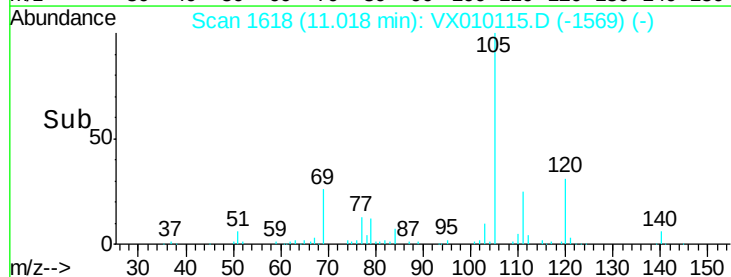
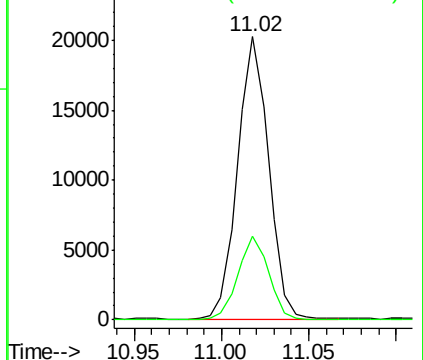
105 100

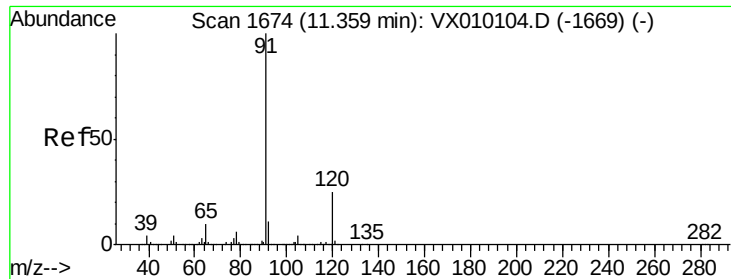
120 29.1 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 8.215 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010115.D

Acq: 07 Jun 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

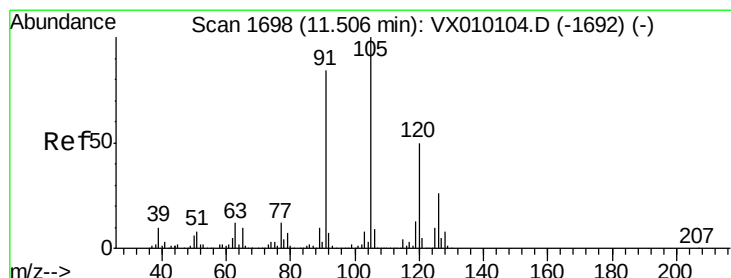
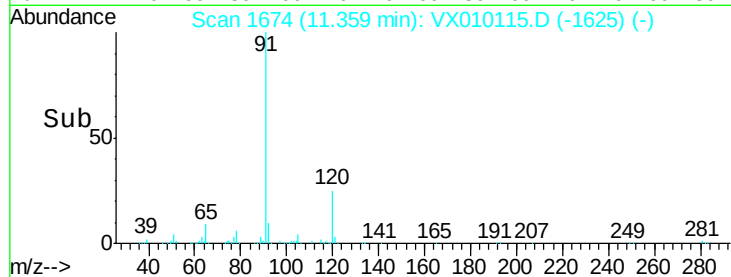
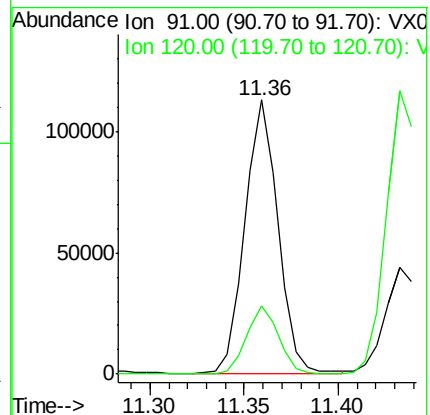
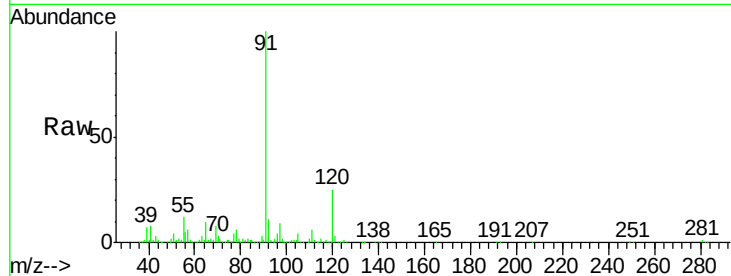
HR-05-060519-CME

Tot Ion: 91 Resp: 136934

Ion Ratio Lower Upper

91 100

120 24.3 11.1 33.3



#80

1,3,5-Trimethylbenzene

Concen: 28.864 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010115.D

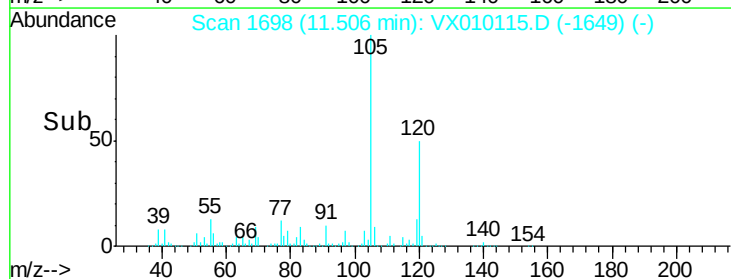
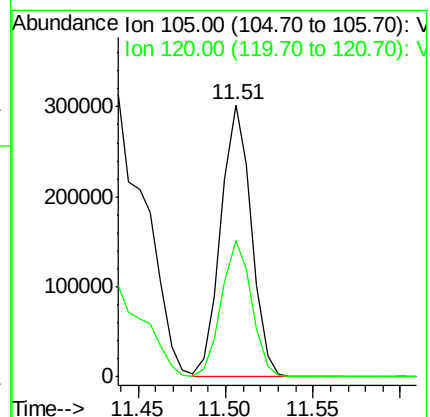
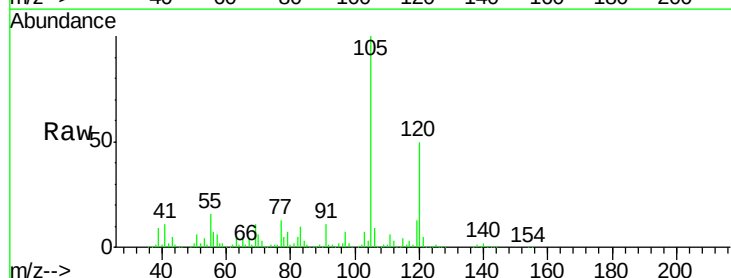
Acq: 07 Jun 2019 17:50

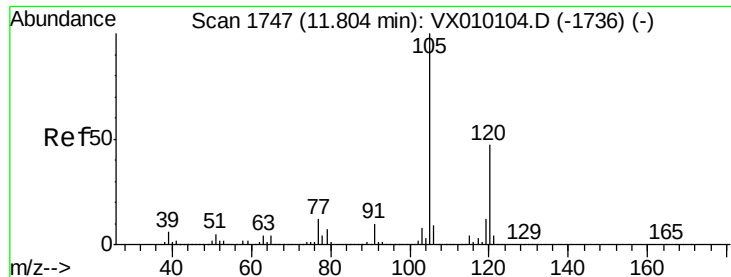
Tgt Ion:105 Resp: 364001

Ion Ratio Lower Upper

105 100

120 49.8 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 84.727 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX010115.D

Acq: 07 Jun 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

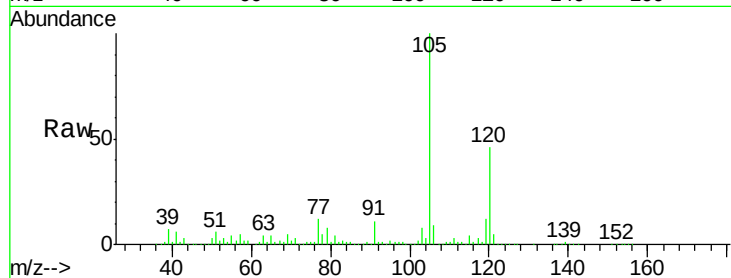
HR-05-060519-CME

Tot Ion:105 Resp: 1079280

Ion Ratio Lower Upper

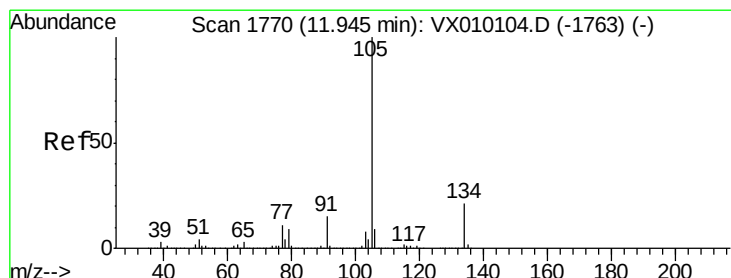
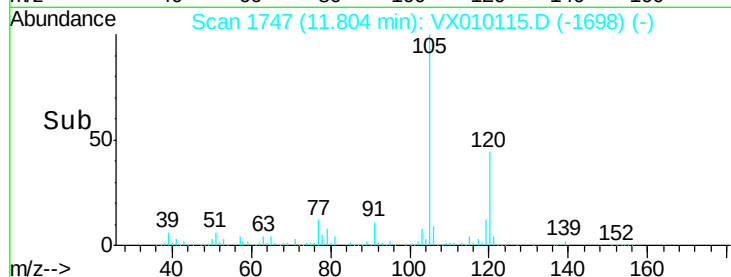
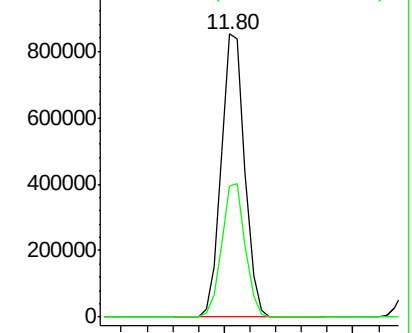
105 100

120 47.1 22.1 66.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 9.222 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010115.D

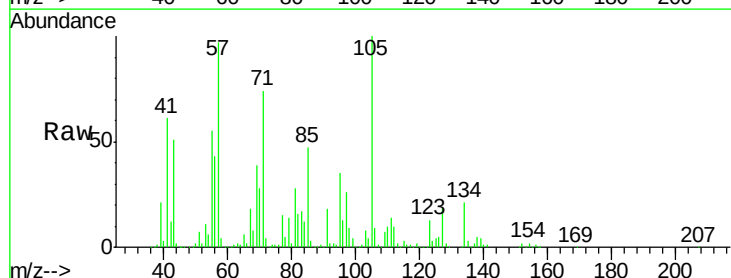
Acq: 07 Jun 2019 17:50

Tgt Ion:105 Resp: 137133

Ion Ratio Lower Upper

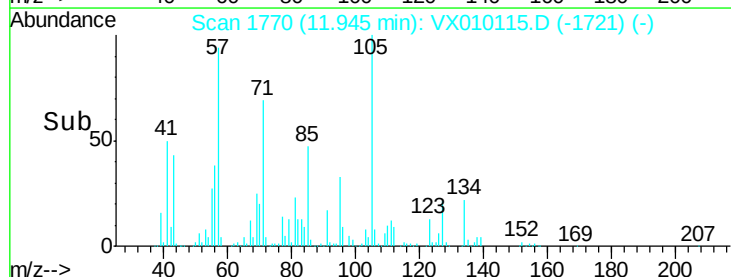
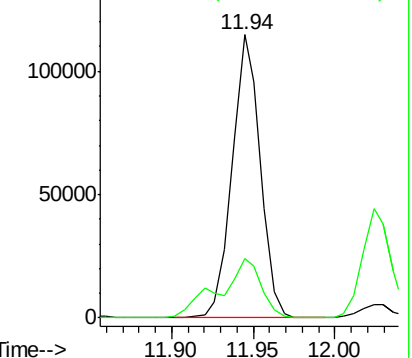
105 100

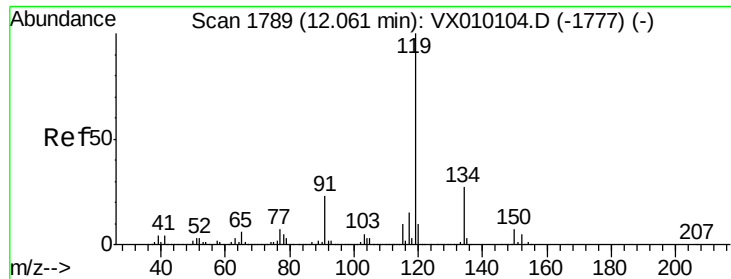
134 31.3 9.7 28.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

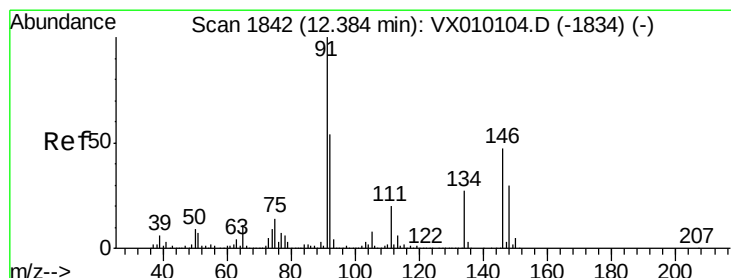
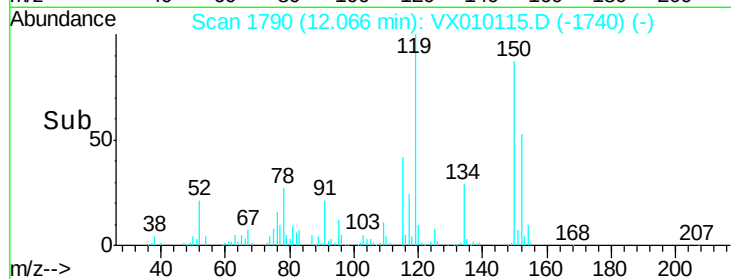
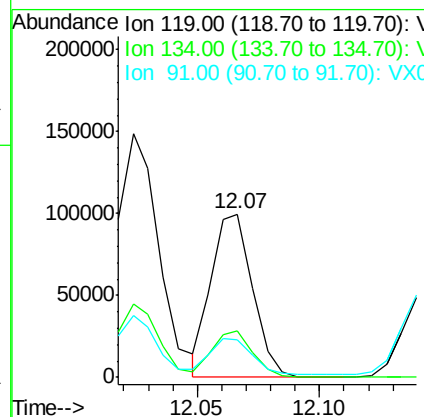
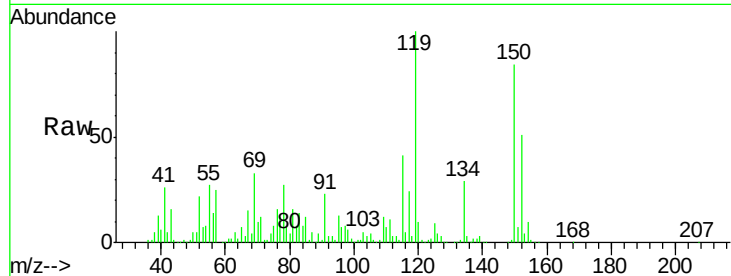




#86
 p-Isopropyltoluene
 Concen: 8.591 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.01 min
 Lab File: VX010115.D
 Acq: 07 Jun 2019 17:50

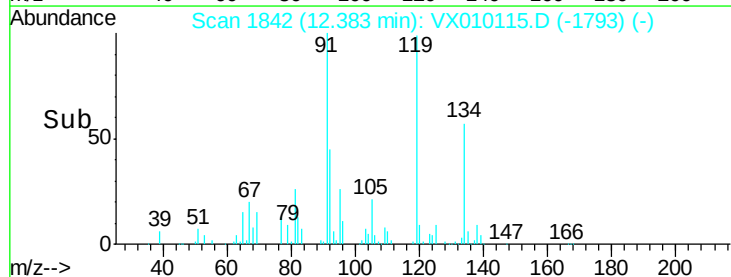
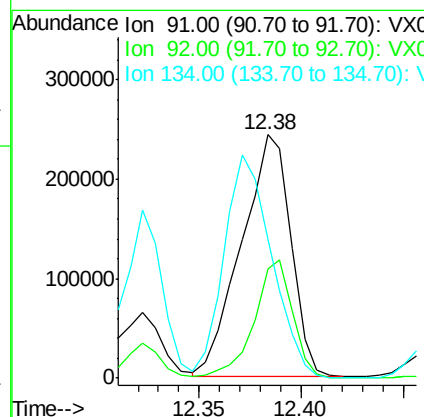
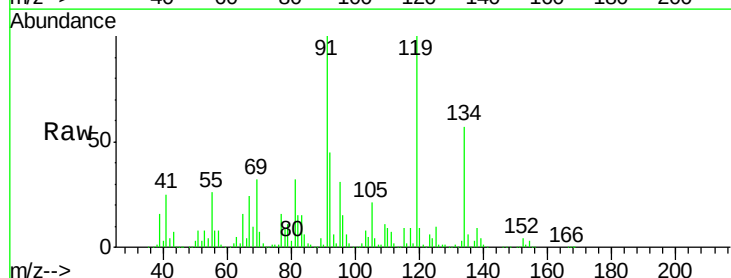
Instrument :
 MSVOA_X
 ClientSampleId :
 HR-05-060519-CME

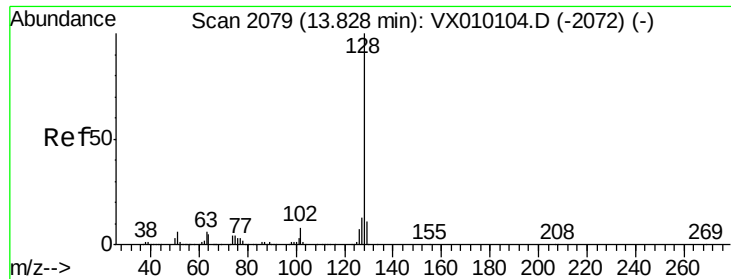
Tot Ion	Ratio	Lower	Upper
119	100		
134	28.1	12.9	38.6
91	23.8	11.9	35.9



#89
 n-Butylbenzene
 Concen: 34.869 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX010115.D
 Acq: 07 Jun 2019 17:50

Tgt Ion	Ratio	Lower	Upper
91	100		
92	38.2	26.3	78.8
134	88.5	12.3	36.8#





#95
Naphthalene
Concen: 6.133 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX010115.D
Acq: 07 Jun 2019 17:50

Instrument :
MSVOA_X
ClientSampleId :
HR-05-060519-CME

Tot Ion:128 Resp: 99642
Ion Ratio Lower Upper
128 100
127 22.5 10.6 16.0#
129 18.6 8.8 13.2#

