

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030419\
 Data File : VX007808.D
 Acq On : 04 Mar 2019 14:08
 Operator : JC/SP
 Sample : K1341-09
 Misc : 8.48g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HR-06-022719-B

Quant Time: Mar 04 15:56:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	279427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	427987	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	426554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	236646	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	150534	43.49	ug/l	0.00
Spiked Amount			Recovery	=	86.98%	
35) Dibromofluoromethane	5.50	113	131620	46.01	ug/l	0.00
Spiked Amount			Recovery	=	92.02%	
50) Toluene-d8	8.71	98	530995	48.48	ug/l	0.00
Spiked Amount			Recovery	=	96.96%	
62) 4-Bromofluorobenzene	11.14	95	219567	54.62	ug/l	0.00
Spiked Amount			Recovery	=	109.24%	

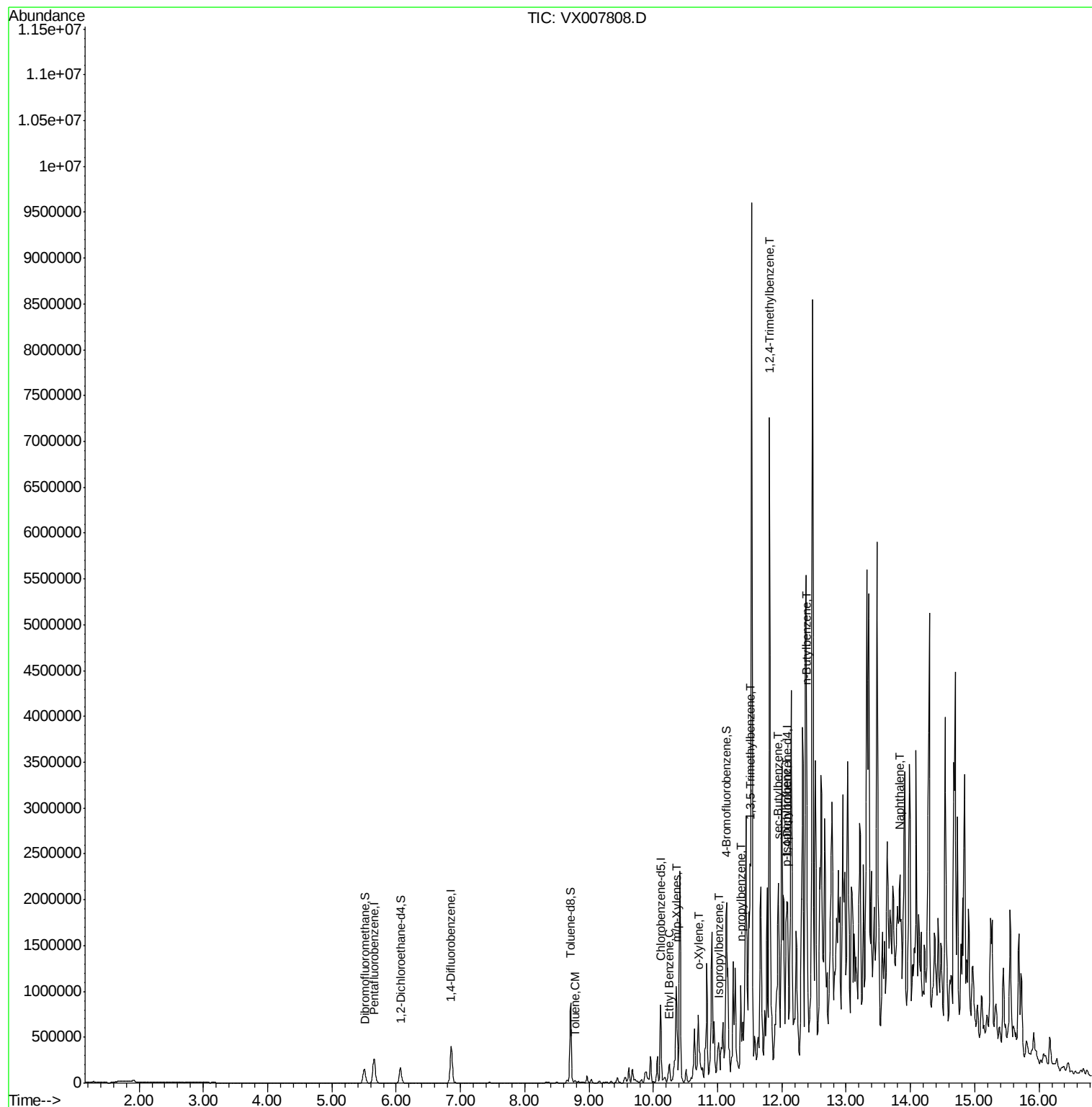
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
52) Toluene	8.78	92	7659	1.023	ug/l	98
67) Ethyl Benzene	10.25	91	93739	6.134	ug/l	100
68) m/p-Xylenes	10.36	106	218717	36.788	ug/l	94
69) o-Xylene	10.70	106	143764	25.139	ug/l	97
73) Isopropylbenzene	11.02	105	147131	8.699	ug/l	99
78) n-propylbenzene	11.36	91	553252	28.947	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	771397	55.447	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	2809778	197.444	ug/l	99
85) sec-Butylbenzene	11.94	105	512755	30.633	ug/l	82
86) p-Isopropyltoluene	12.07	119	458835	31.301	ug/l	98
89) n-Butylbenzene	12.39	91	939717	71.881	ug/l #	61
95) Naphthalene	13.83	128	890123	57.167	ug/l #	94

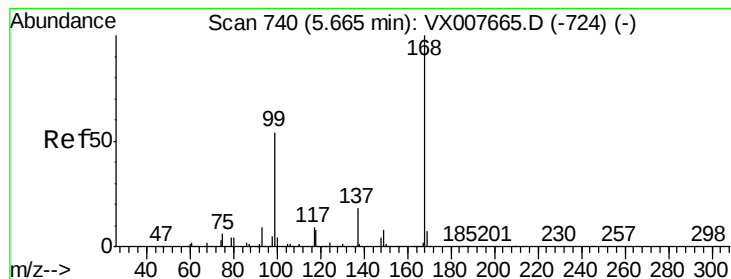
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX007808.D

Acq: 04 Mar 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

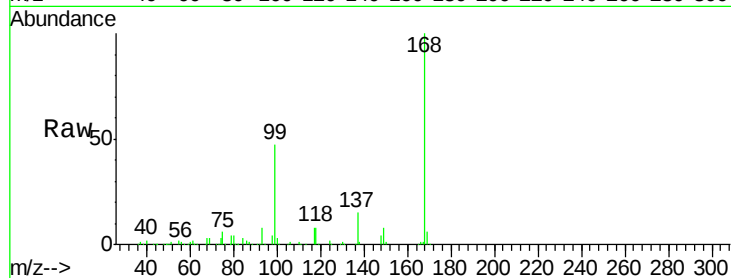
HR-06-022719-B

Tot Ion:168 Resp: 279427

Ion Ratio Lower Upper

168 100

99 46.9 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

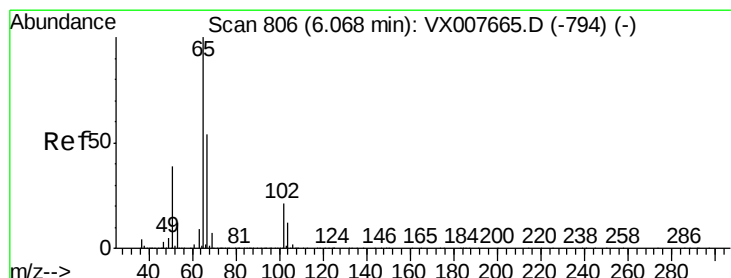
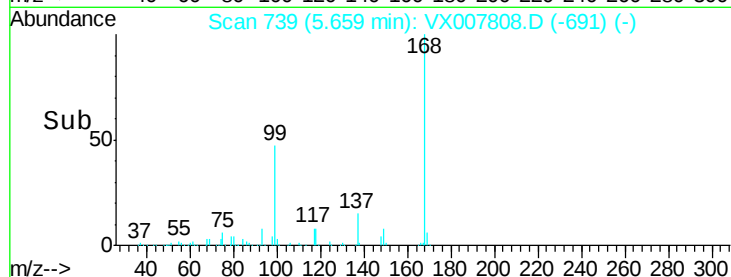
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 43.492 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007808.D

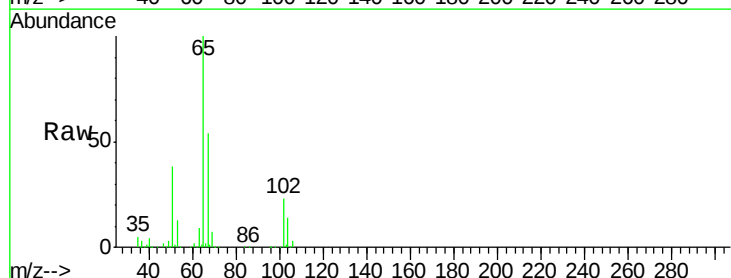
Acq: 04 Mar 2019 14:08

Tgt Ion: 65 Resp: 150534

Ion Ratio Lower Upper

65 100

67 54.7 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

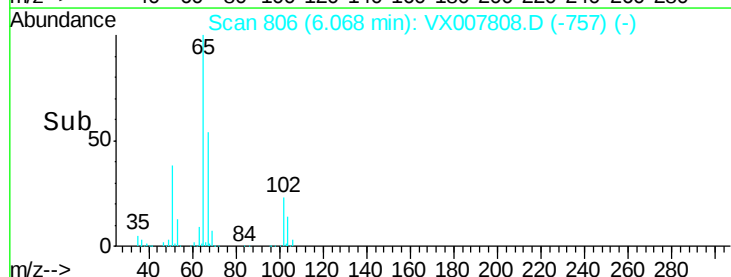
60000

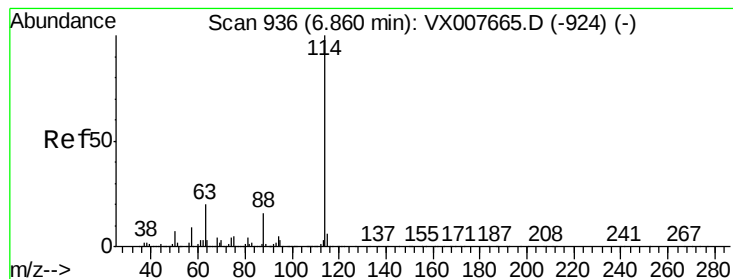
40000

20000

0

Time--> 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: VX007808.D

Acq: 04 Mar 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

HR-06-022719-B

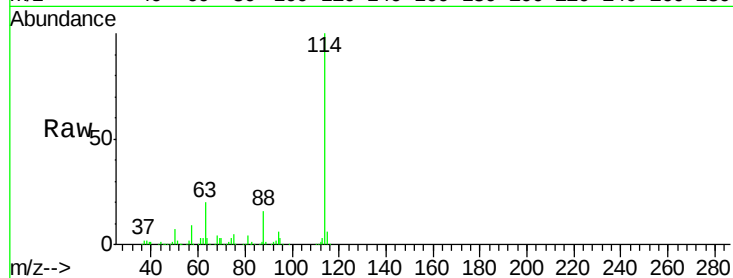
Tot Ion:114 Resp: 427987

Ion Ratio Lower Upper

114 100

63 19.6 0.0 35.6

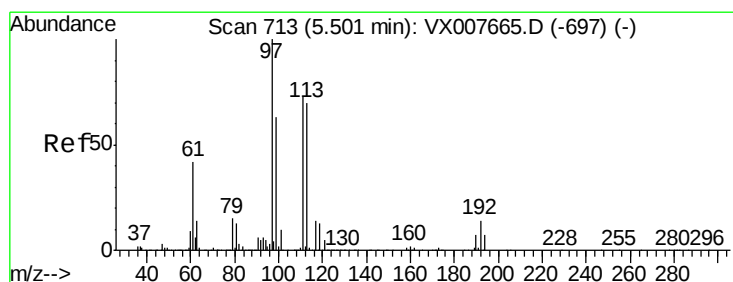
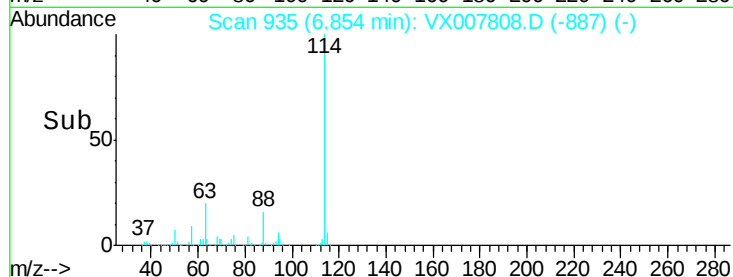
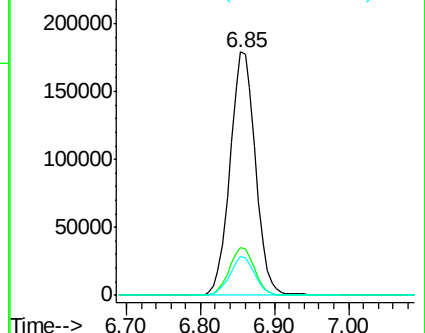
88 15.7 0.0 29.6



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: 46.006 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007808.D

Acq: 04 Mar 2019 14:08

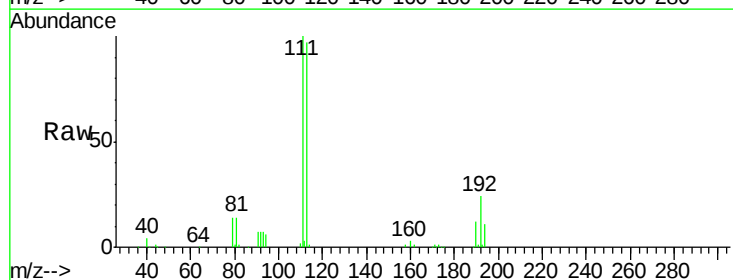
Tgt Ion:113 Resp: 131620

Ion Ratio Lower Upper

113 100

111 103.1 81.8 122.8

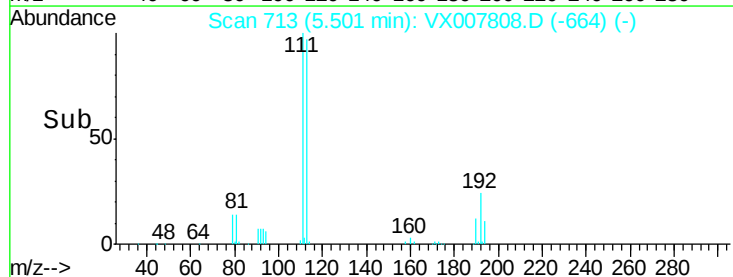
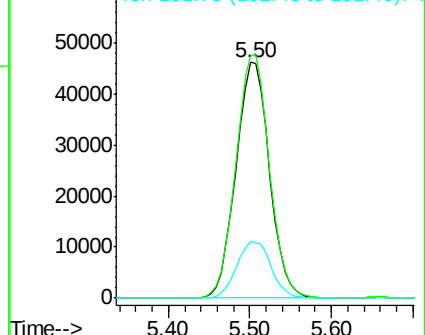
192 24.6 18.5 27.7

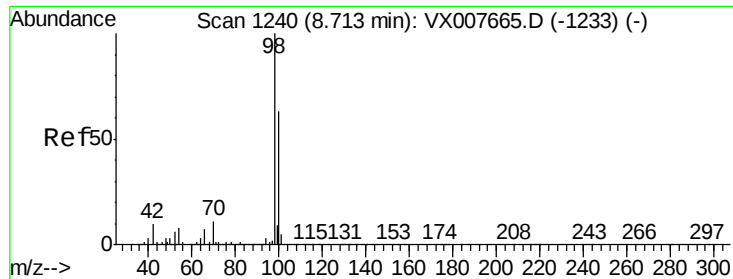


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

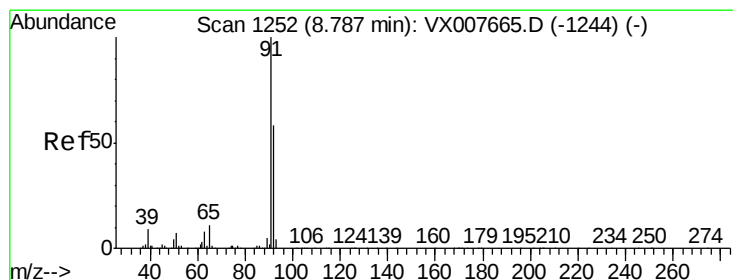
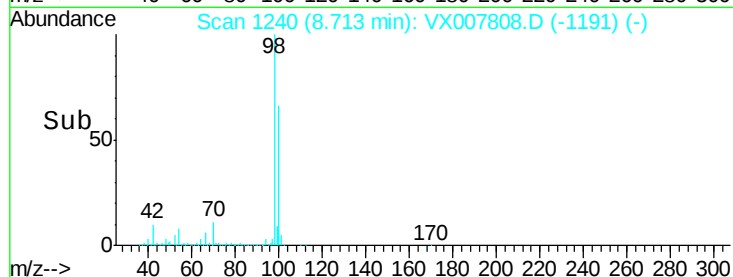
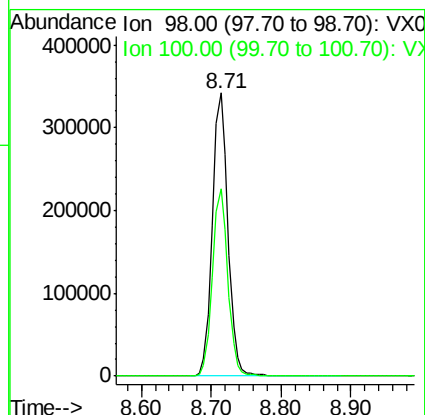
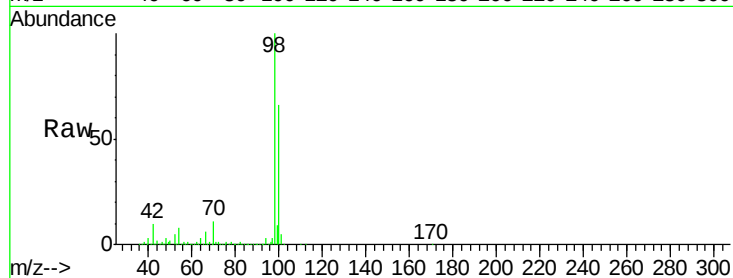




#50
Toluene-d8
Concen: 48.480 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007808.D
Acq: 04 Mar 2019 14:08

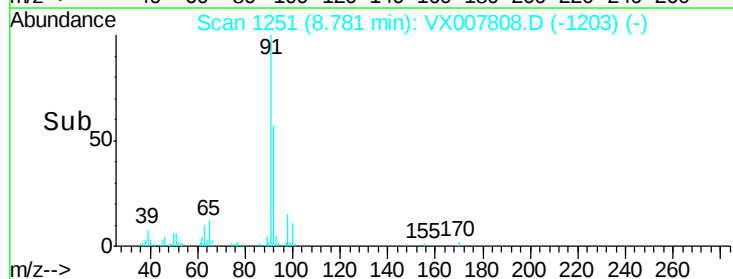
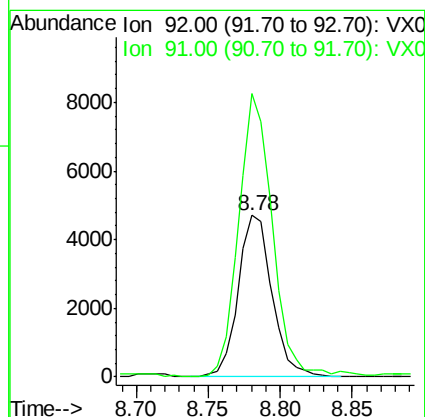
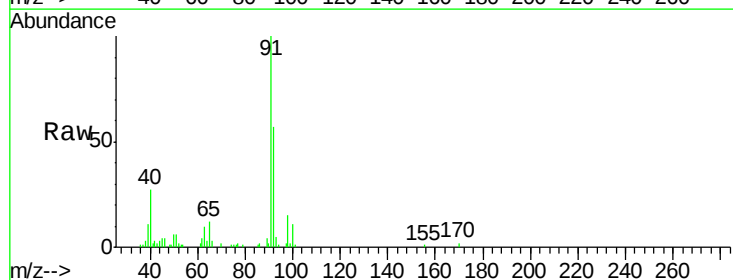
Instrument :
MSVOA_X
ClientSampleId :
HR-06-022719-B

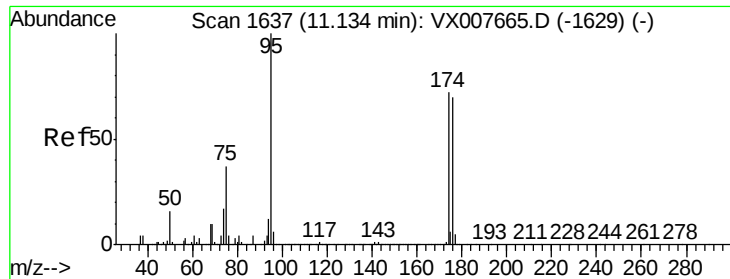
Tot Ion: 98 Resp: 530995
Ion Ratio Lower Upper
98 100
100 65.7 51.6 77.4



#52
Toluene
Concen: 1.023 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX007808.D
Acq: 04 Mar 2019 14:08

Tgt Ion: 92 Resp: 7659
Ion Ratio Lower Upper
92 100
91 176.7 139.1 208.7





#62

4-Bromofluorobenzene

Concen: 54.617 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX007808.D

Acq: 04 Mar 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

HR-06-022719-B

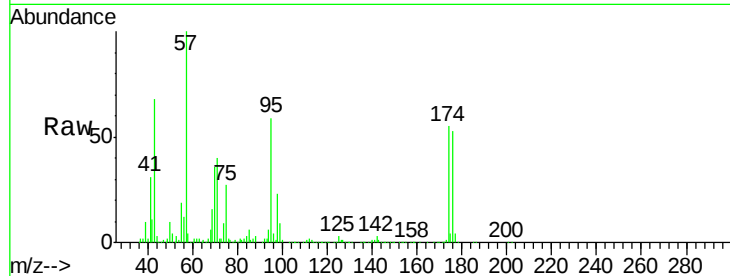
Tot Ion: 95 Resp: 219567

Ion Ratio Lower Upper

95 100

174 89.4 0.0 189.2

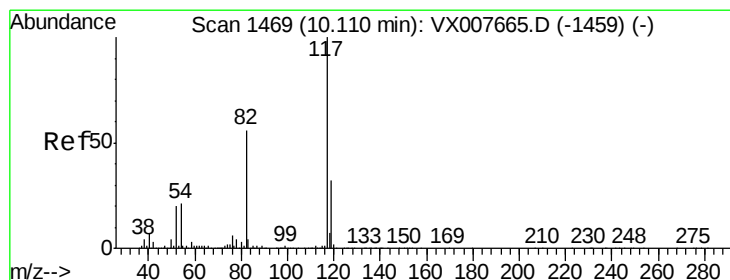
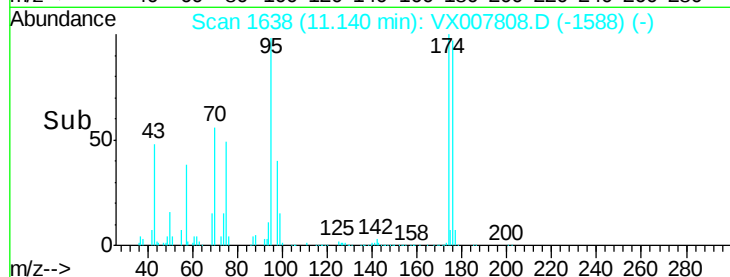
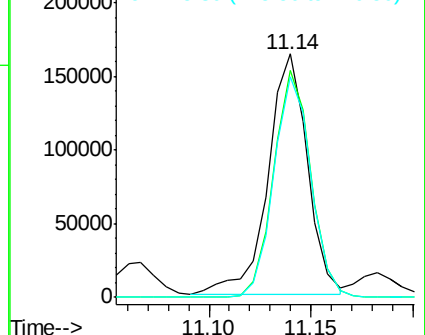
176 87.1 0.0 186.2



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# 1470

Delta R.T. 0.01 min

Lab File: VX007808.D

Acq: 04 Mar 2019 14:08

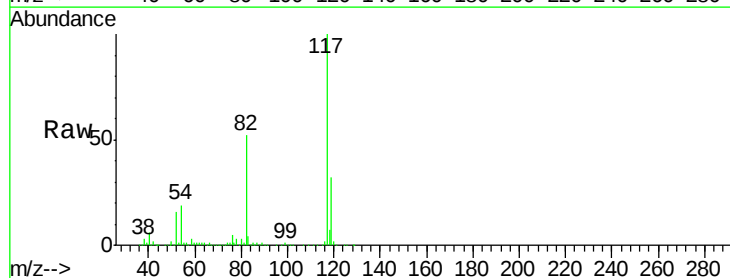
Tgt Ion: 117 Resp: 426554

Ion Ratio Lower Upper

117 100

82 52.1 42.1 63.1

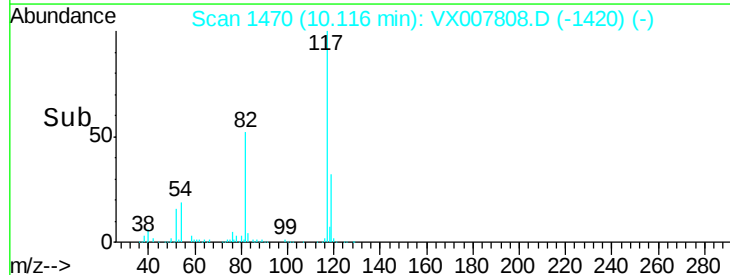
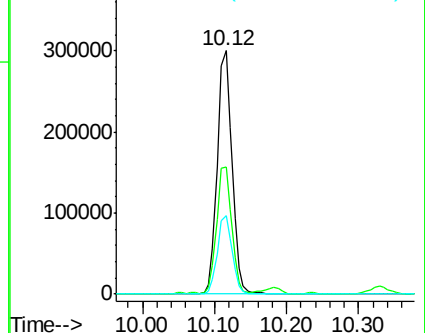
119 32.5 26.5 39.7

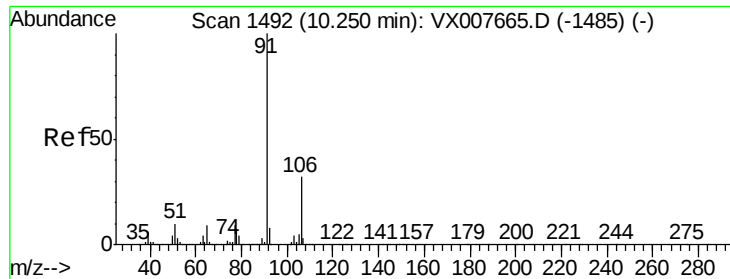


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#67

Ethyl Benzene

Concen: 6.134 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007808.D

Acq: 04 Mar 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

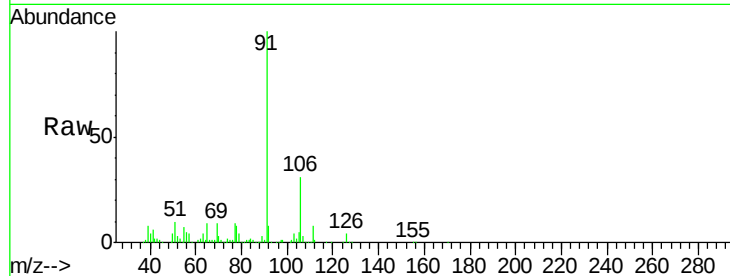
HR-06-022719-B

Tot Ion: 91 Resp: 93739

Ion Ratio Lower Upper

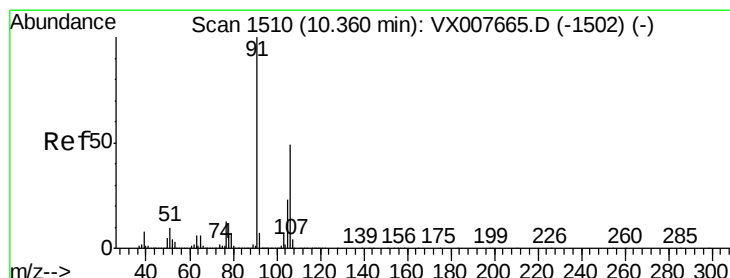
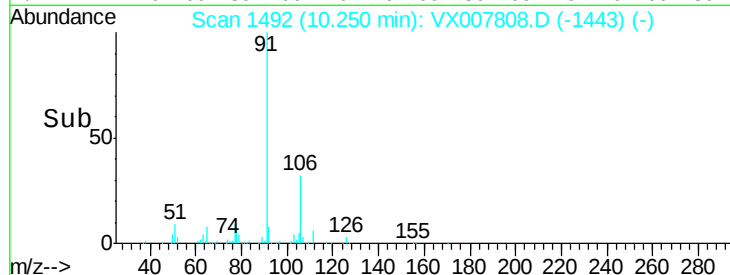
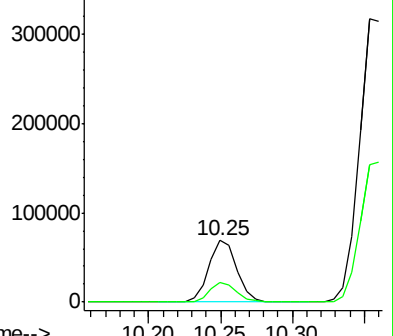
91 100

106 31.5 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX007808.D (-1443) (-)

Ion 106.00 (105.70 to 106.70): VX007808.D (-1443) (-)



#68

m/p-Xylenes

Concen: 36.788 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007808.D

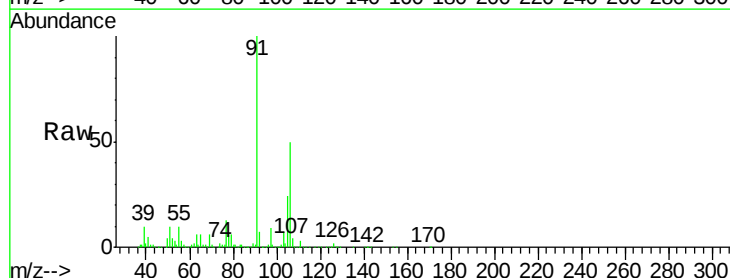
Acq: 04 Mar 2019 14:08

Tgt Ion: 106 Resp: 218717

Ion Ratio Lower Upper

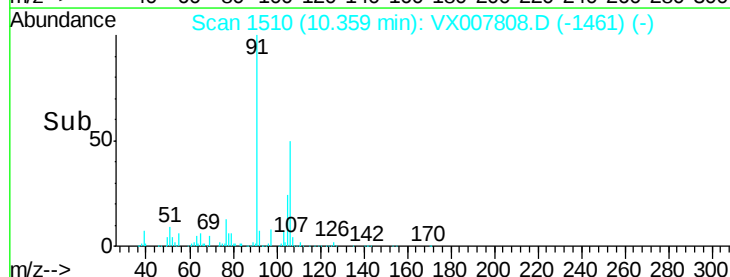
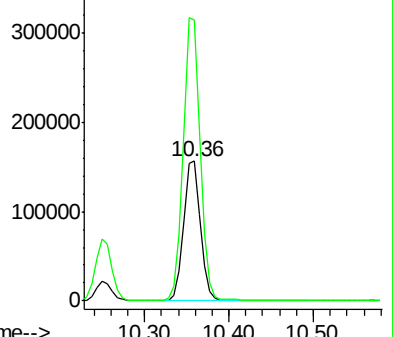
106 100

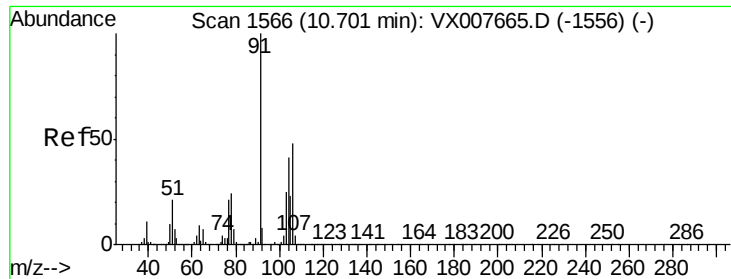
91 204.0 156.6 234.8



Abundance Ion 106.00 (105.70 to 106.70): VX007808.D (-1461) (-)

Ion 91.00 (90.70 to 91.70): VX007808.D (-1461) (-)

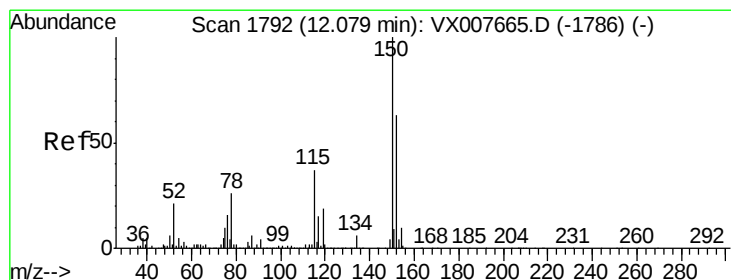
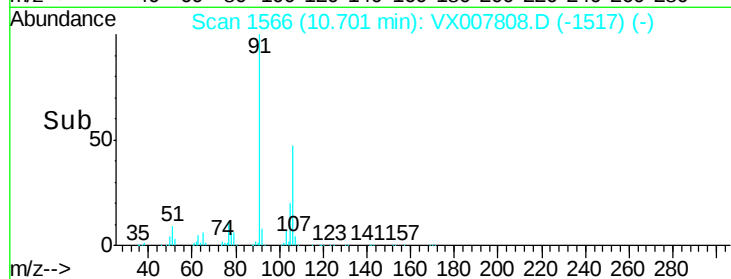
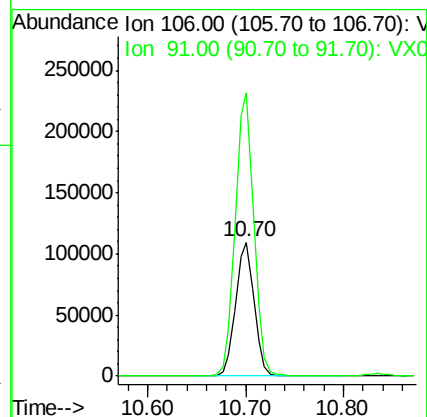
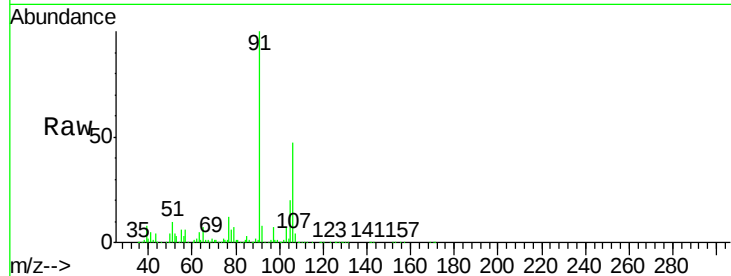




#69
o-Xylene
Concen: 25.139 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007808.D
Acq: 04 Mar 2019 14:08

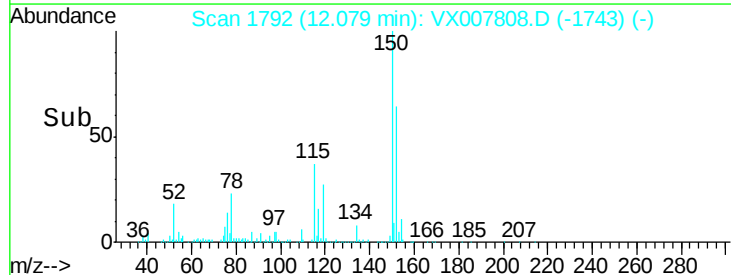
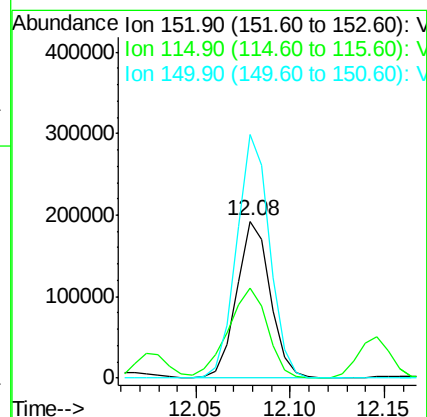
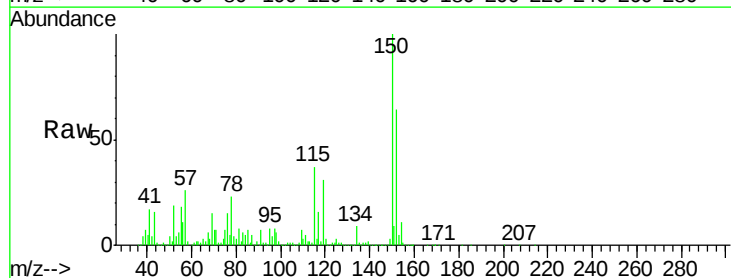
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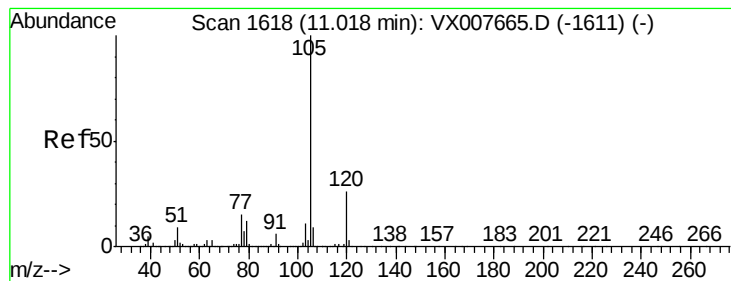
Tot Ion:106 Resp: 143764
Ion Ratio Lower Upper
106 100
91 210.4 102.9 308.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007808.D
Acq: 04 Mar 2019 14:08

Tgt Ion:152 Resp: 236646
Ion Ratio Lower Upper
152 100
115 66.9 38.0 114.0
150 153.6 0.0 346.4





#73

Isopropylbenzene

Concen: 8.699 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007808.D

Acq: 04 Mar 2019 14:08

Instrument :

MSVOA_X

ClientSampled :

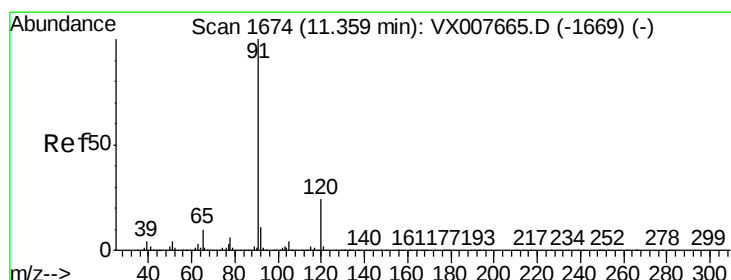
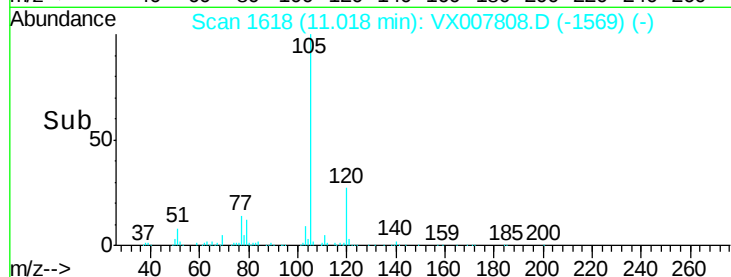
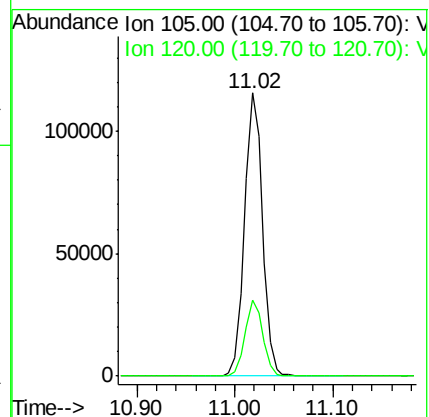
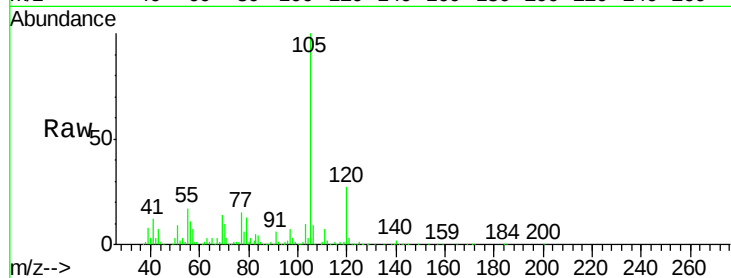
HR-06-022719-B

Tot Ion: 105 Resp: 147131

Ion Ratio Lower Upper

105 100

120 26.7 13.6 40.7



#78

n-propylbenzene

Concen: 28.947 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007808.D

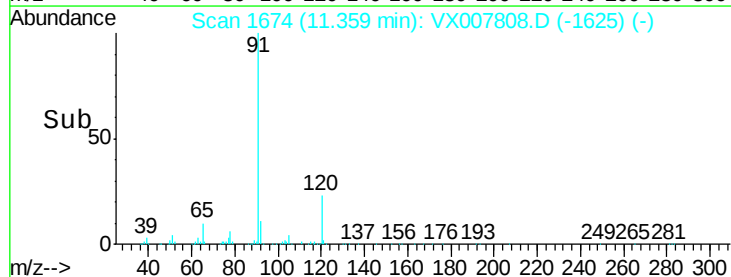
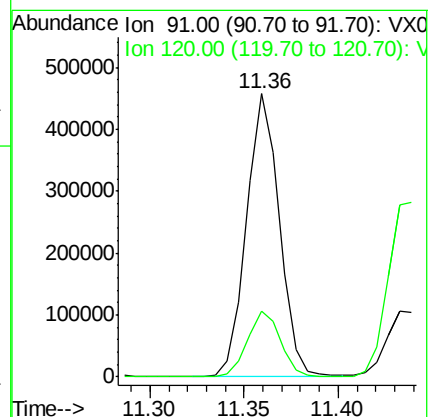
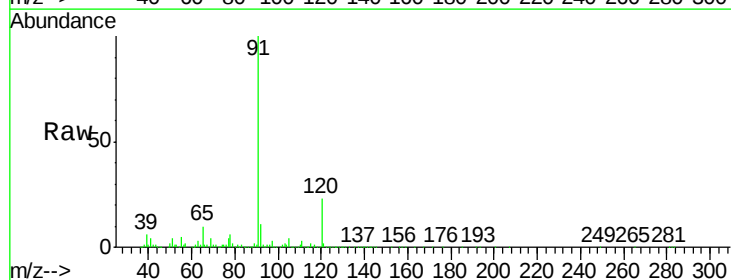
Acq: 04 Mar 2019 14:08

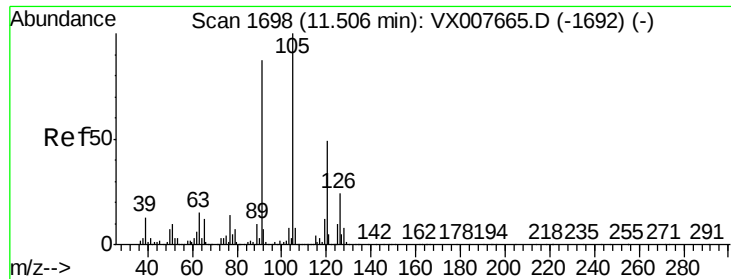
Tgt Ion: 91 Resp: 553252

Ion Ratio Lower Upper

91 100

120 23.4 12.4 37.2





#80

1,3,5-Trimethylbenzene

Concen: 55.447 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007808.D

Acq: 04 Mar 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

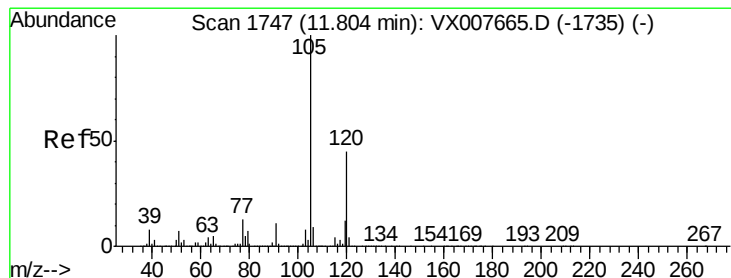
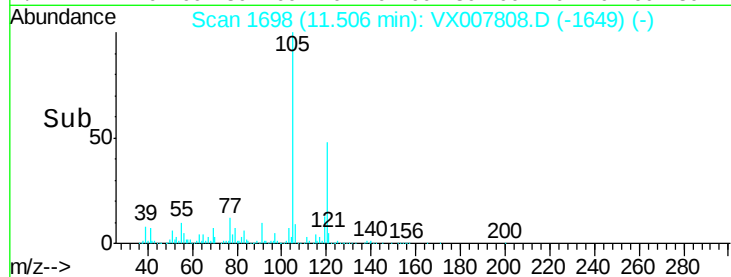
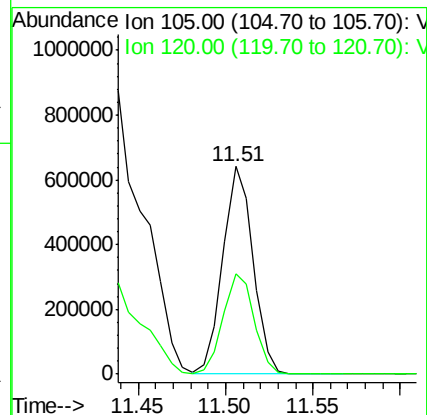
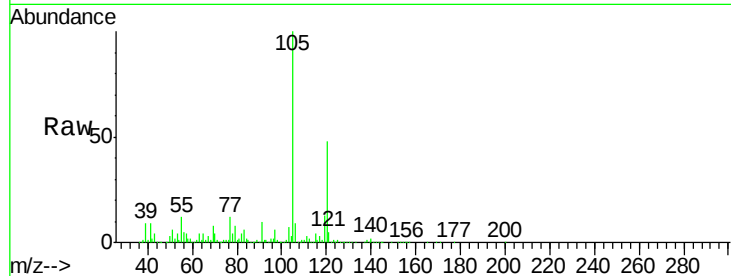
HR-06-022719-B

Tot Ion:105 Resp: 771397

Ion Ratio Lower Upper

105 100

120 49.6 25.3 75.8



#84

1,2,4-Trimethylbenzene

Concen: 197.444 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VX007808.D

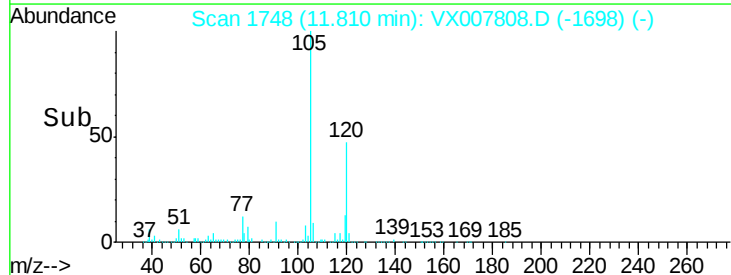
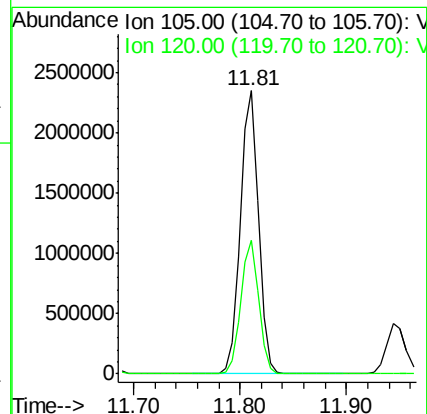
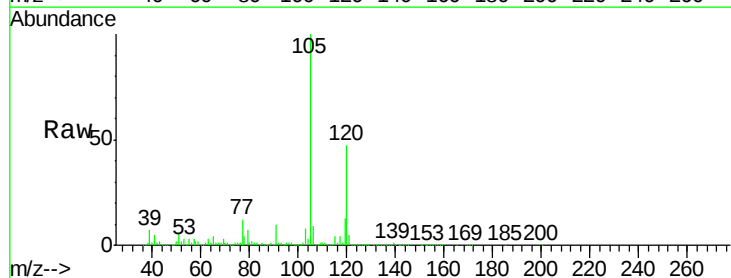
Acq: 04 Mar 2019 14:08

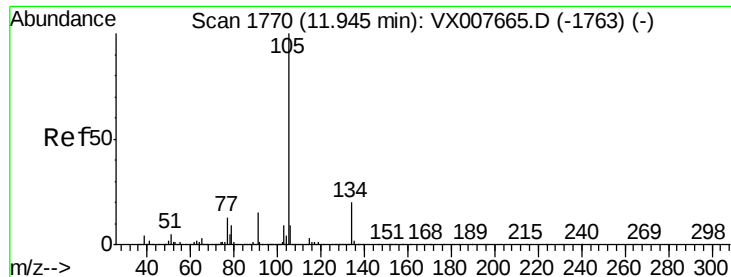
Tgt Ion:105 Resp: 2809778

Ion Ratio Lower Upper

105 100

120 46.8 23.1 69.3

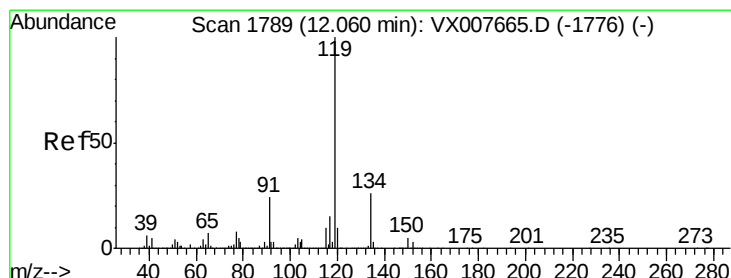
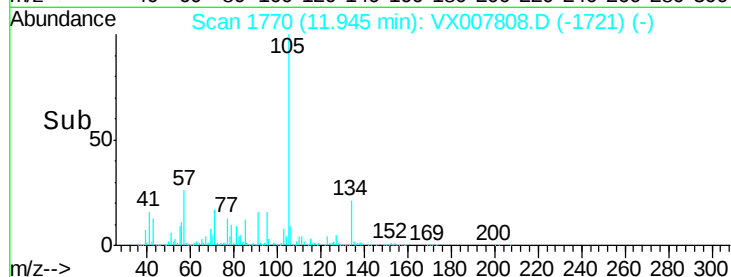
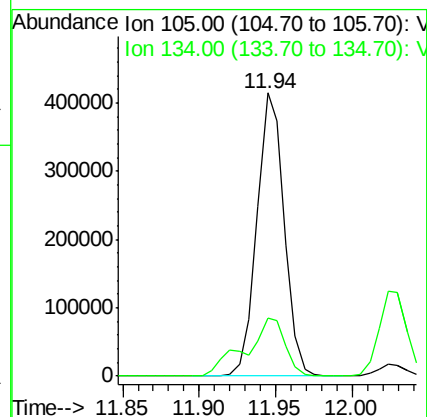
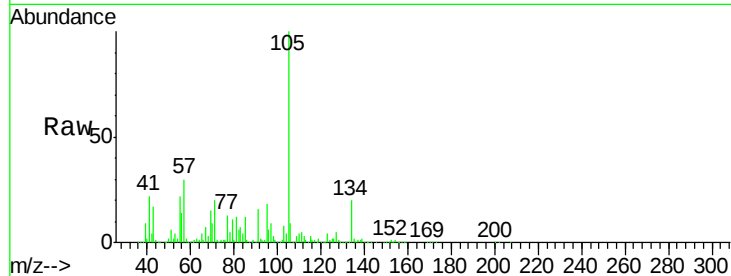




#85
 sec-Butylbenzene
 Concen: 30.633 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX007808.D
 Acq: 04 Mar 2019 14:08

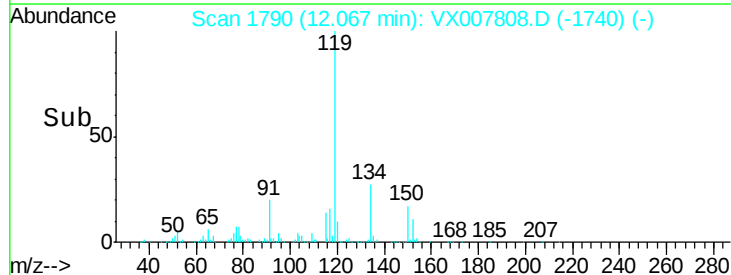
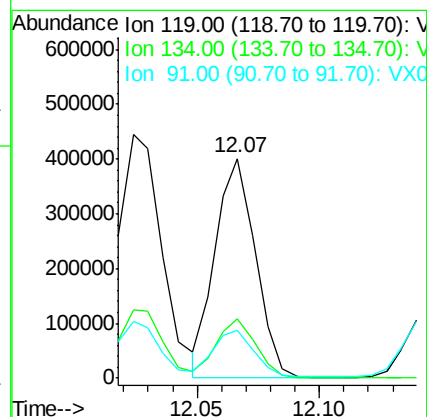
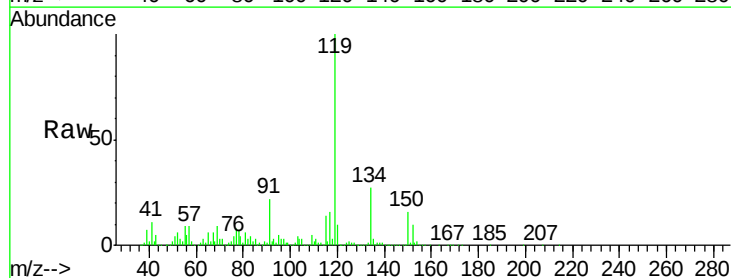
Instrument :
 MSVOA_X
 ClientSampleId :
 HR-06-022719-B

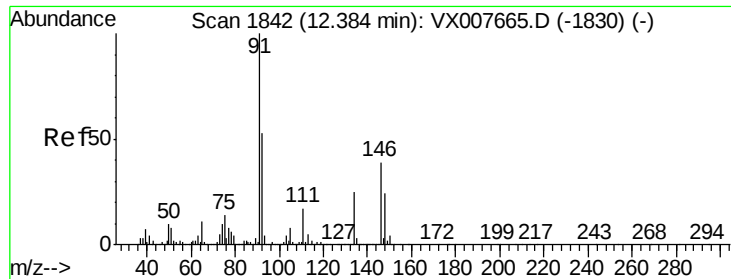
Tot Ion:105 Resp: 512755
 Ion Ratio Lower Upper
 105 100
 134 29.8 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 31.301 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.01 min
 Lab File: VX007808.D
 Acq: 04 Mar 2019 14:08

Tgt Ion:119 Resp: 458835
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.7 41.1
 91 21.4 11.2 33.5

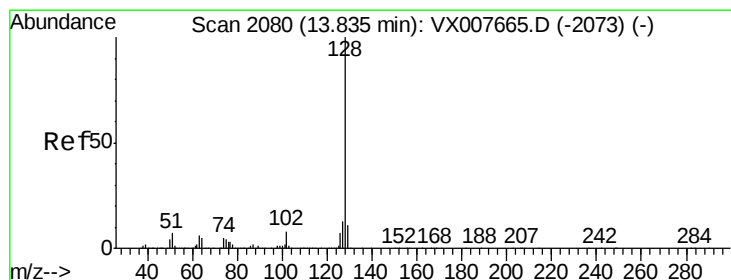
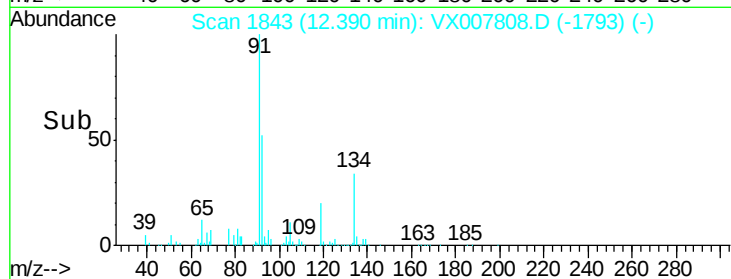
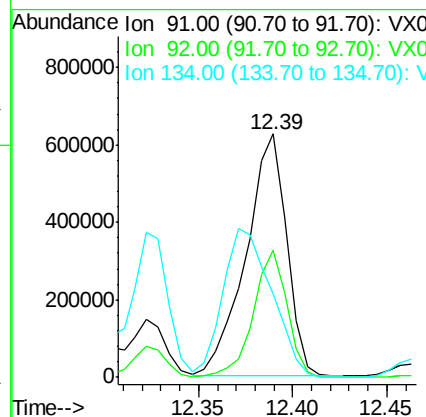
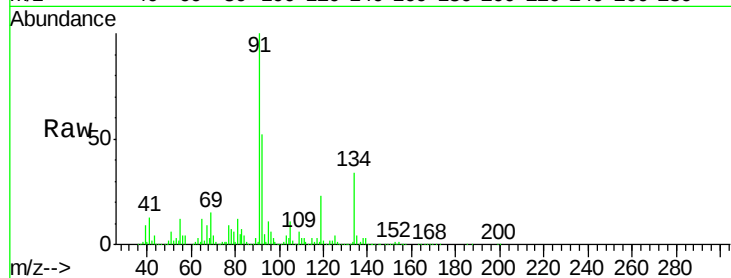




#89
n-Butylbenzene
Concen: 71.881 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007808.D
Acq: 04 Mar 2019 14:08

Instrument :
MSVOA_X
ClientSampleId :
HR-06-022719-B

Tot Ion: 91 Resp: 939717
Ion Ratio Lower Upper
91 100
92 43.2 26.3 78.9
134 73.4 13.9 41.6#



#95
Naphthalene
Concen: 57.167 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007808.D
Acq: 04 Mar 2019 14:08

Tgt Ion: 128 Resp: 890123
Ion Ratio Lower Upper
128 100
127 14.0 10.5 15.7
129 15.2 8.7 13.1#

