

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052219\
 Data File : VX009838.D
 Acq On : 23 May 2019 05:34
 Operator : JC/SP
 Sample : K2976-19 50X
 Misc : 6.08g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-SBR-3BR(14-17)

Quant Time: May 31 08:02:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

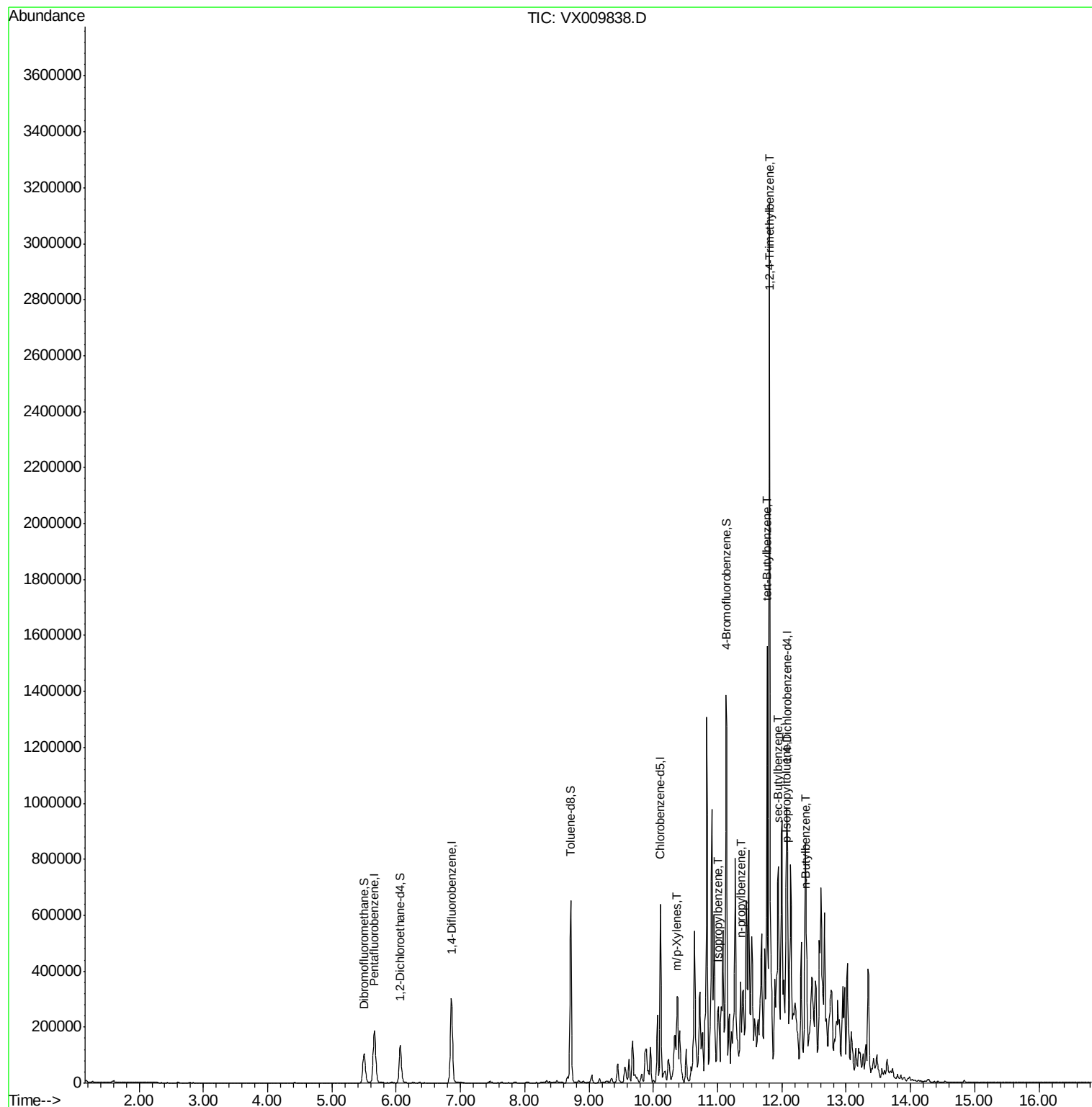
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	180961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	292322	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	276446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	139270	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	124302	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	
35) Dibromofluoromethane	5.50	113	89042	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	
50) Toluene-d8	8.71	98	376307	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
62) 4-Bromofluorobenzene	11.13	95	145345	53.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.84%	
Target Compounds						
					Qvalue	
68) m/p-Xylenes	10.36	106	7814	2.101	ug/l	88
73) Isopropylbenzene	11.02	105	70744	6.985	ug/l	100
78) n-propylbenzene	11.36	91	166368	14.384	ug/l	98
83) tert-Butylbenzene	11.77	119	14252	1.718	ug/l	84
84) 1,2,4-Trimethylbenzene	11.80	105	1147672	134.084	ug/l	99
85) sec-Butylbenzene	11.94	105	114796	11.672	ug/l	97
86) p-Isopropyltoluene	12.06	119	109091	12.339	ug/l	100
89) n-Butylbenzene	12.38	91	117295	14.678	ug/l #	76

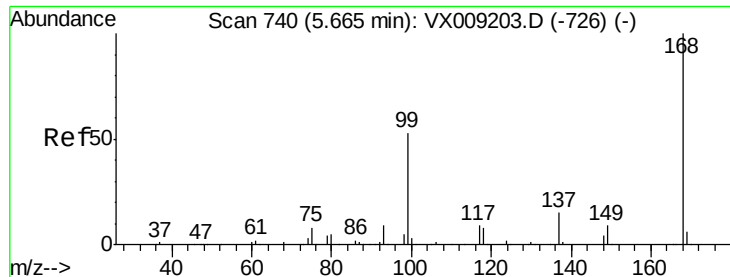
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052219\
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ClientSampleId :
EP1-SB-SBR-3BR(14-17)

Quant Time: May 31 08:02:54 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009838.D

Acq: 23 May 2019 05:34

Instrument :

MSVOA_X

ClientSampleId :

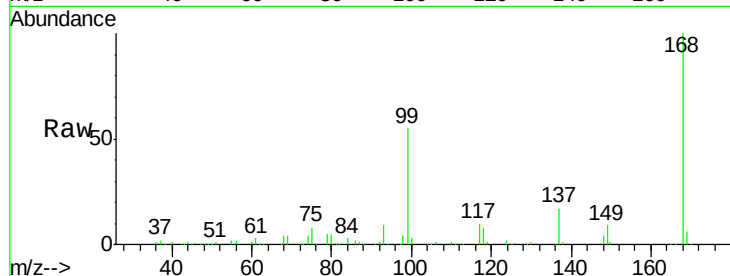
EP1-SB-SBR-3BR(14-17)

Tot Ion:168 Resp: 180961

Ion Ratio Lower Upper

168 100

99 54.9 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

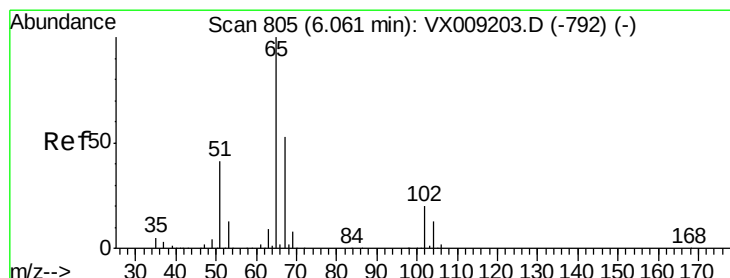
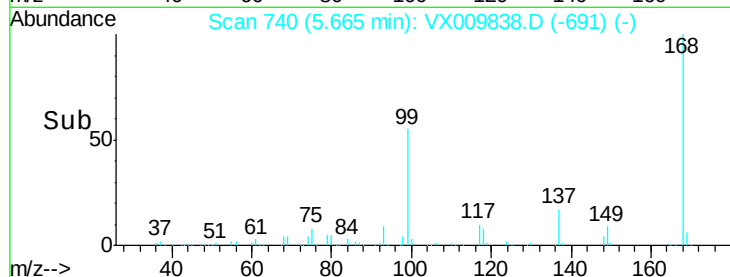
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 50.318 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009838.D

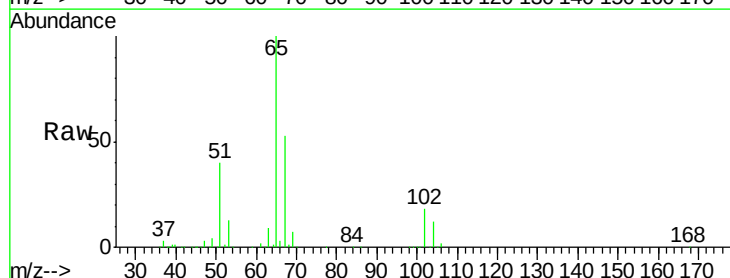
Acq: 23 May 2019 05:34

Tgt Ion: 65 Resp: 124302

Ion Ratio Lower Upper

65 100

67 53.6 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

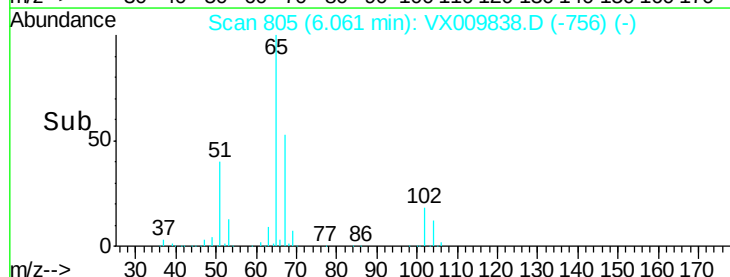
30000

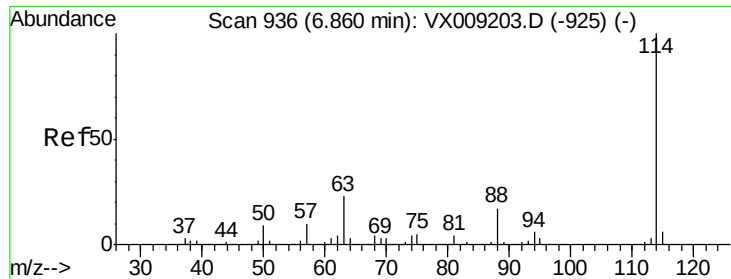
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

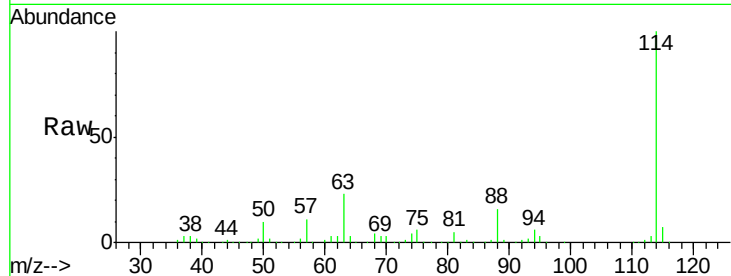




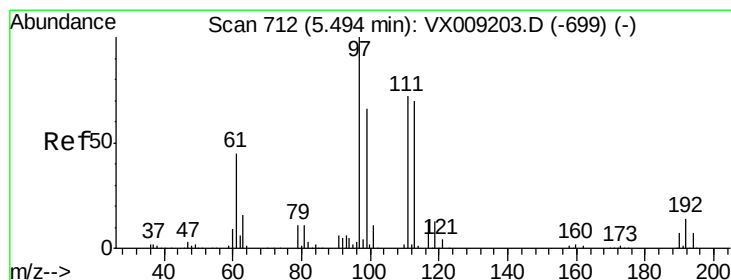
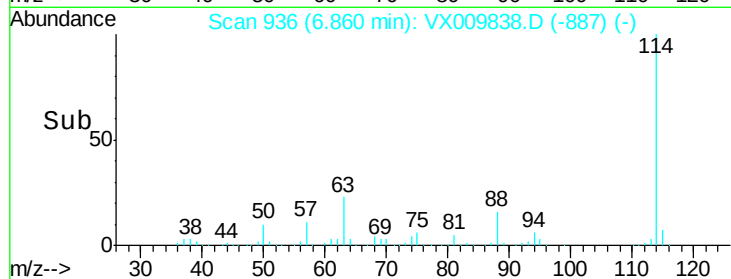
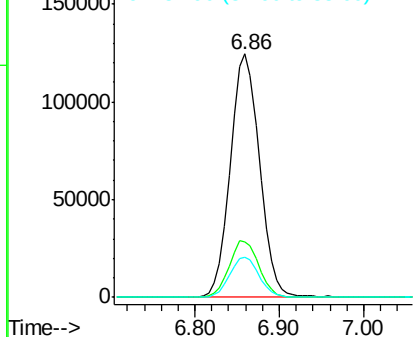
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009838.D
 Acq: 23 May 2019 05:34

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-SBR-3BR(14-17)

Tot Ion:114 Resp: 292322
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 45.6
 88 16.3 0.0 33.2

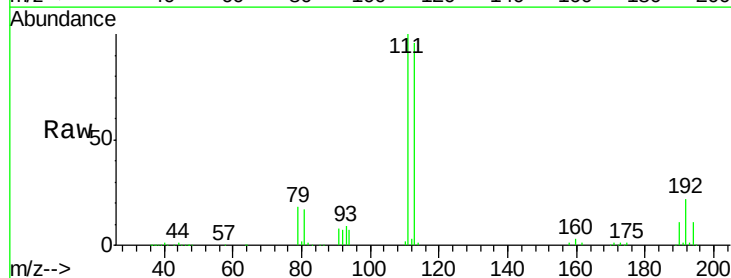


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

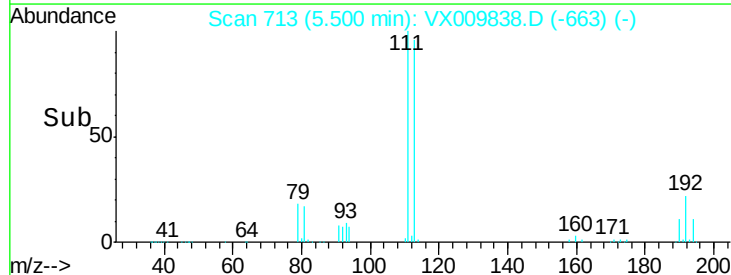
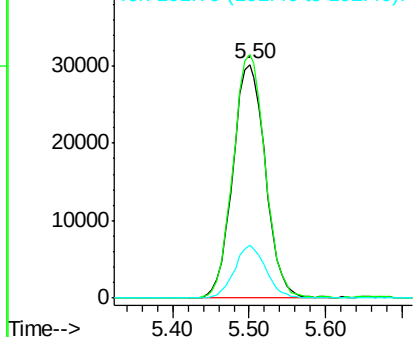


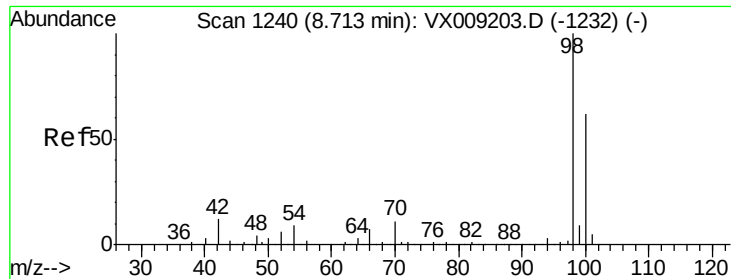
#35
 Dibromofluoromethane
 Concen: 48.454 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009838.D
 Acq: 23 May 2019 05:34

Tgt Ion:113 Resp: 89042
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.8 124.2
 192 21.6 17.0 25.6



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: 50.722 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009838.D

Acq: 23 May 2019 05:34

Instrument :

MSVOA_X

ClientSampleId :

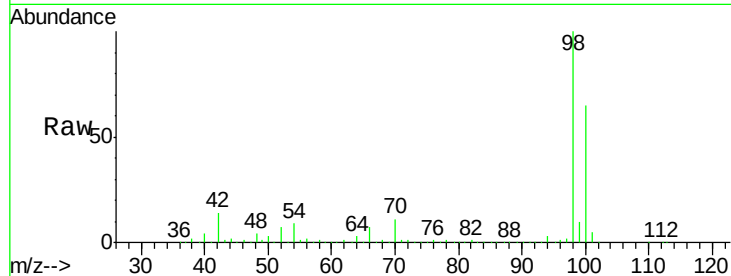
EP1-SB-SBR-3BR(14-17)

Tot Ion: 98 Resp: 376307

Ion Ratio Lower Upper

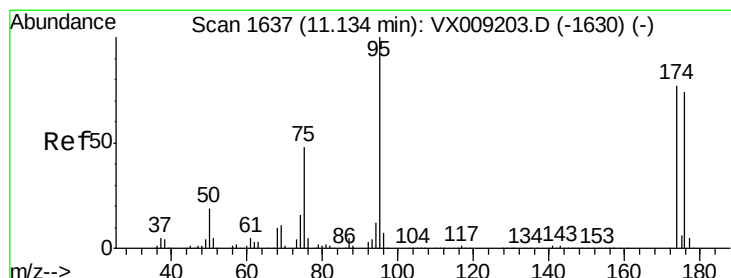
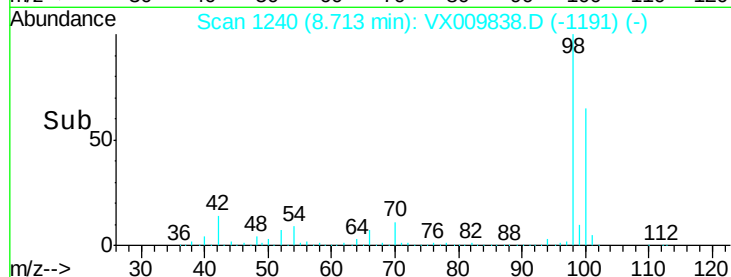
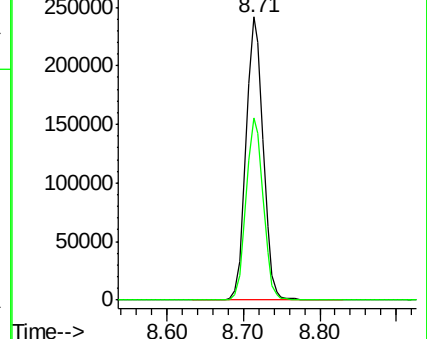
98 100

100 64.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 53.915 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009838.D

Acq: 23 May 2019 05:34

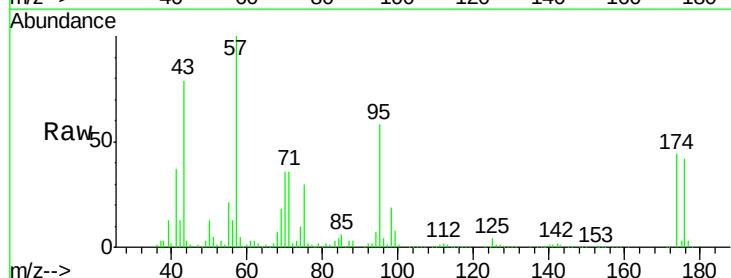
Tgt Ion: 95 Resp: 145345

Ion Ratio Lower Upper

95 100

174 78.5 0.0 161.6

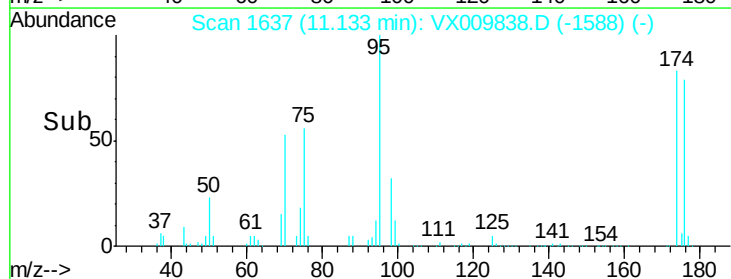
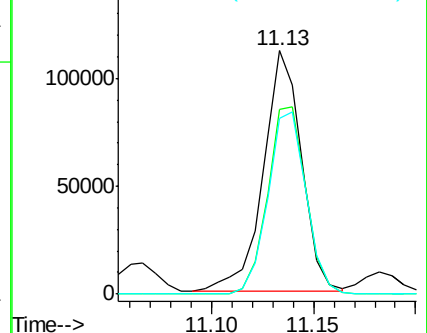
176 75.8 0.0 159.2

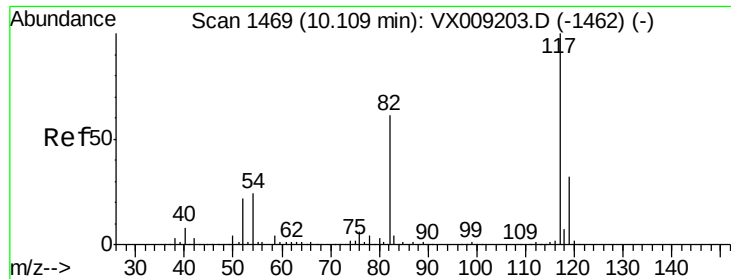


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

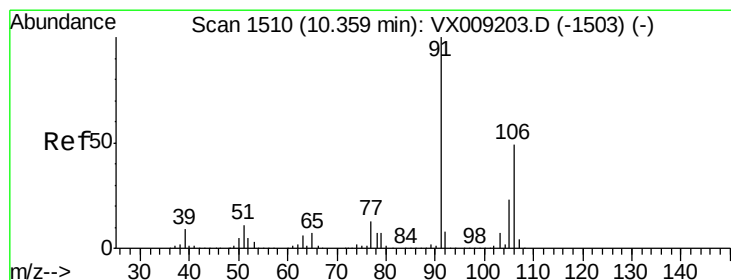
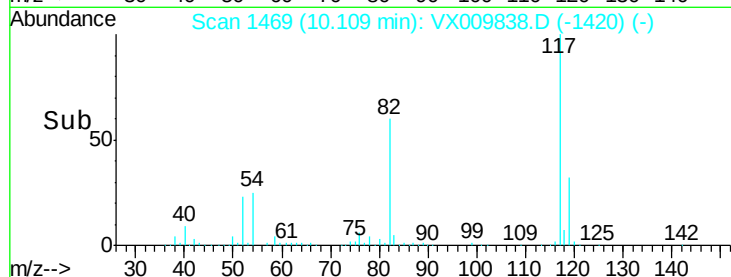
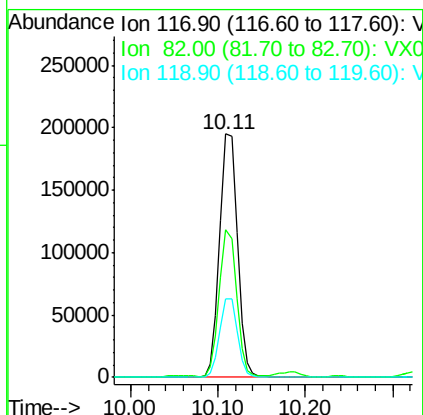
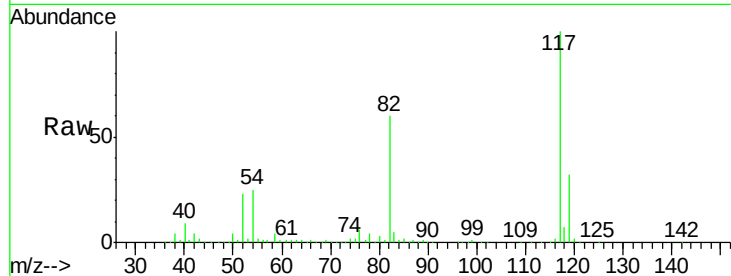




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009838.D
Acq: 23 May 2019 05:34

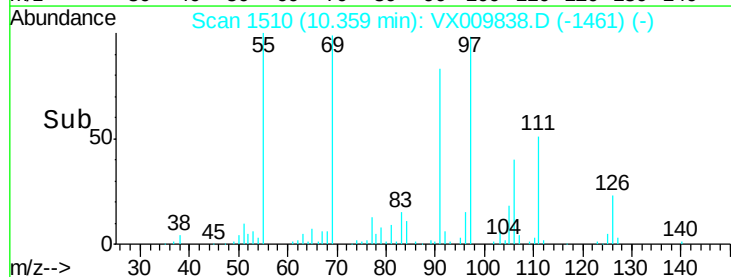
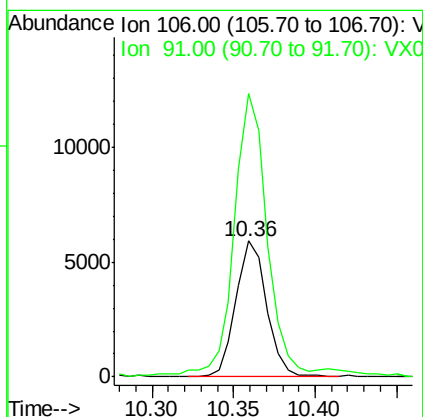
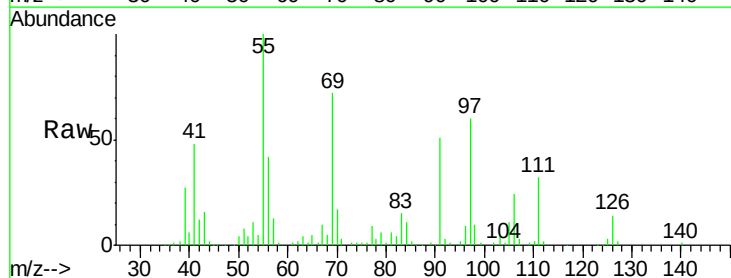
Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-SBR-3BR(14-17)

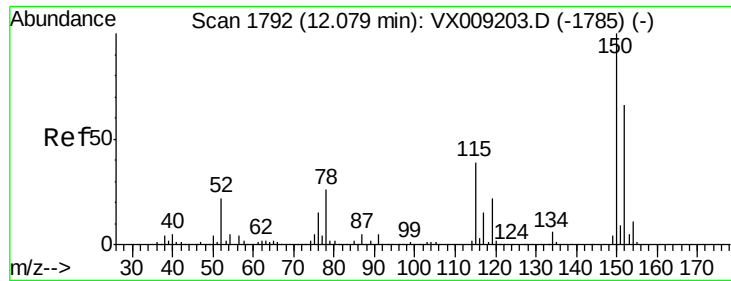
Tot Ion:117 Resp: 276446
Ion Ratio Lower Upper
117 100
82 59.9 48.8 73.2
119 32.2 25.8 38.6



#68
m/p-Xylenes
Concen: 2.101 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009838.D
Acq: 23 May 2019 05:34

Tgt Ion:106 Resp: 7814
Ion Ratio Lower Upper
106 100
91 223.4 164.0 246.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009838.D

Acq: 23 May 2019 05:34

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-SBR-3BR(14-17)

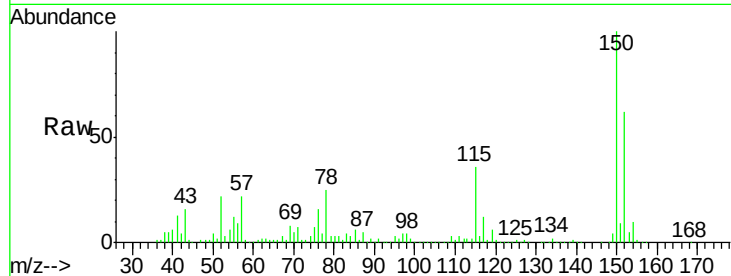
Tot Ion:152 Resp: 139270

Ion Ratio Lower Upper

152 100

115 63.5 41.2 123.6

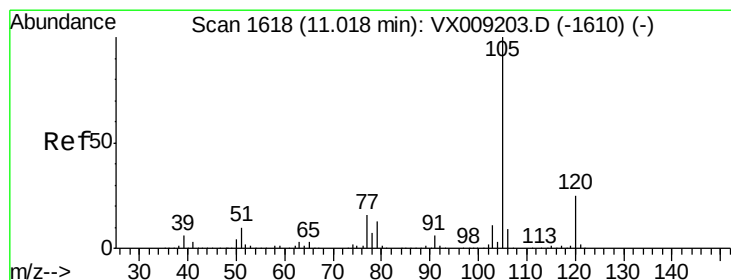
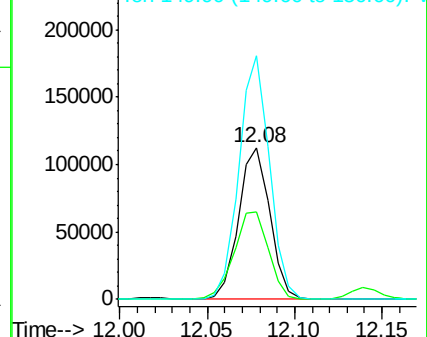
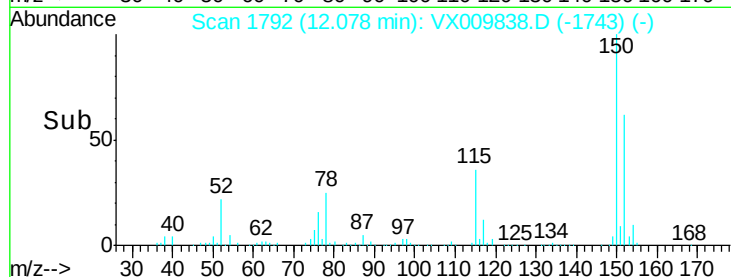
150 157.4 0.0 346.4



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: 6.985 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009838.D

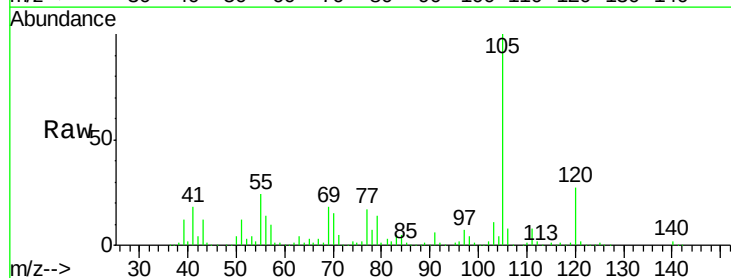
Acq: 23 May 2019 05:34

Tgt Ion:105 Resp: 70744

Ion Ratio Lower Upper

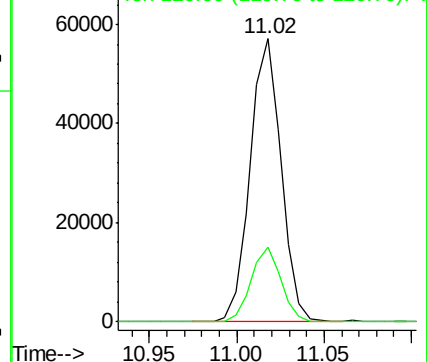
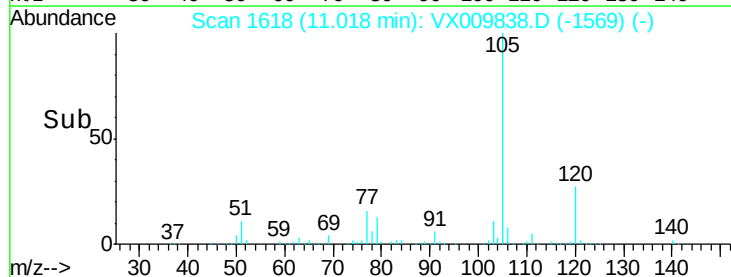
105 100

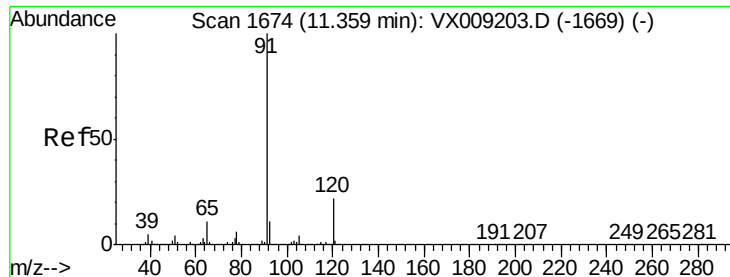
120 25.7 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 14.384 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009838.D

Acq: 23 May 2019 05:34

Instrument :

MSVOA_X

ClientSampleId :

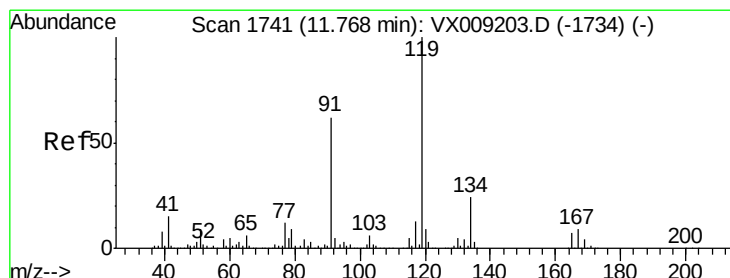
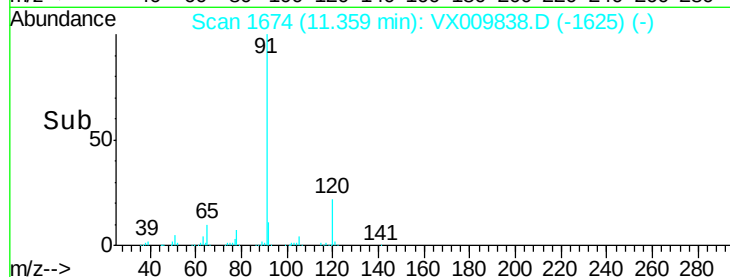
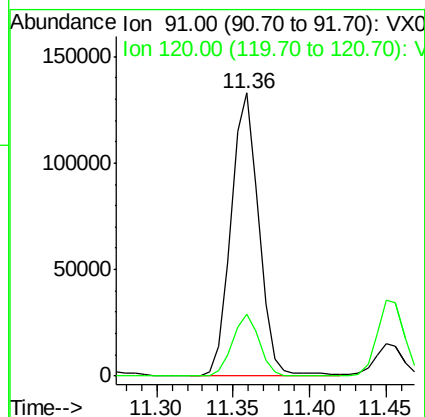
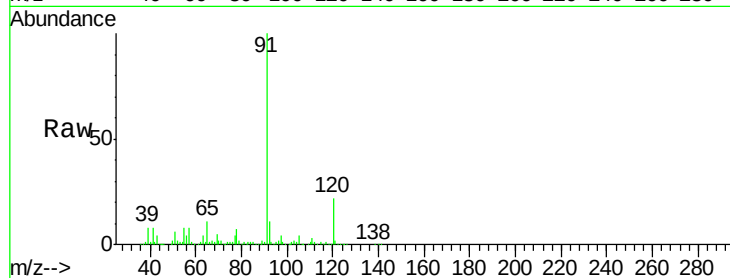
EP1-SB-SBR-3BR(14-17)

Tot Ion: 91 Resp: 166368

Ion Ratio Lower Upper

91 100

120 21.2 11.0 33.0



#83

tert-Butylbenzene

Concen: 1.718 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX009838.D

Acq: 23 May 2019 05:34

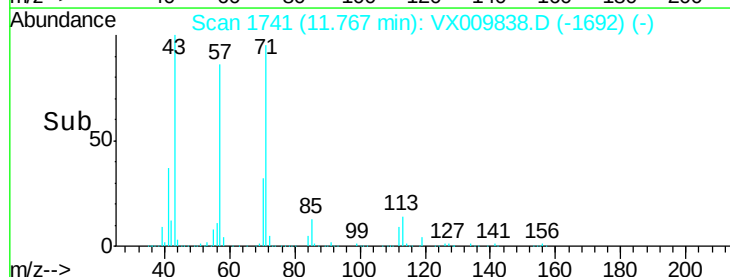
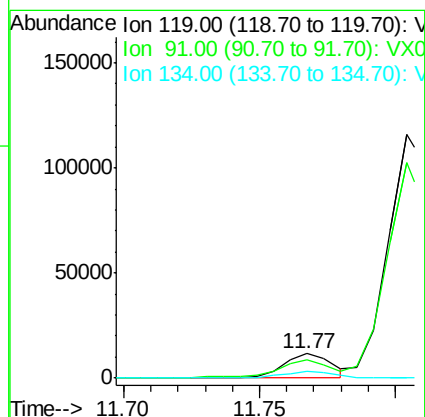
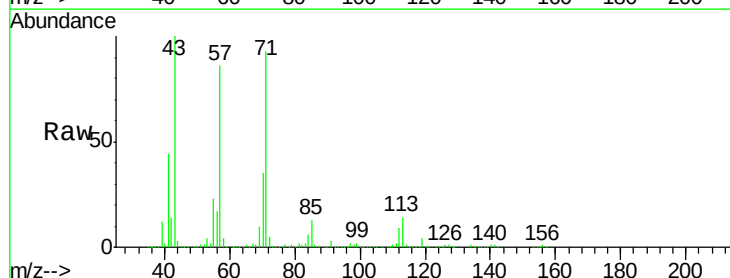
Tgt Ion: 119 Resp: 14252

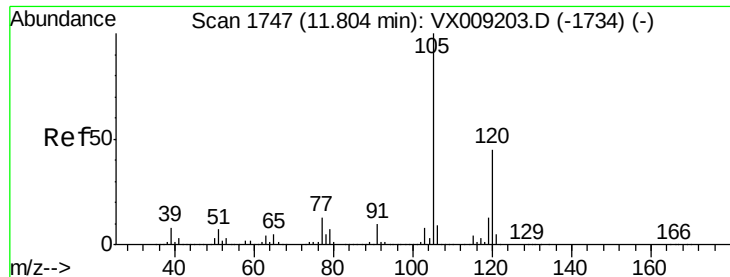
Ion Ratio Lower Upper

119 100

91 72.6 29.5 88.5

134 27.3 11.4 34.1





#84

1,2,4-Trimethylbenzene

Concen: 134.084 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX009838.D

Acq: 23 May 2019 05:34

Instrument :

MSVOA_X

ClientSampleId :

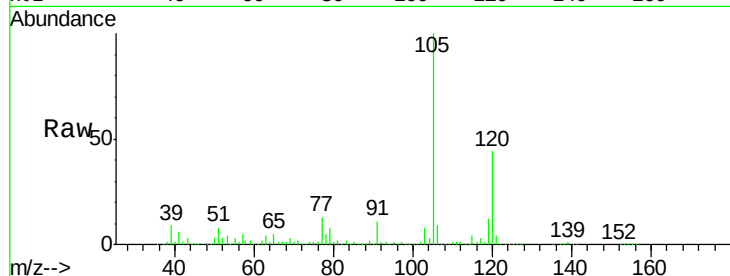
EP1-SB-SBR-3BR(14-17)

Tot Ion:105 Resp: 1147672

Ion Ratio Lower Upper

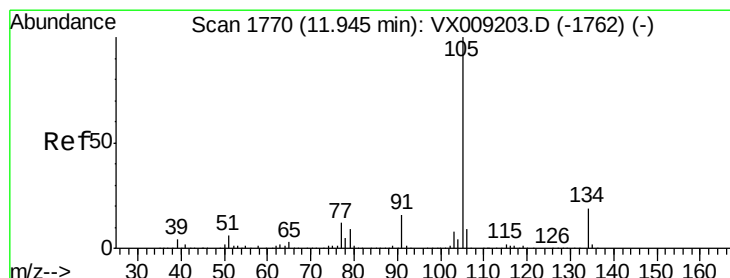
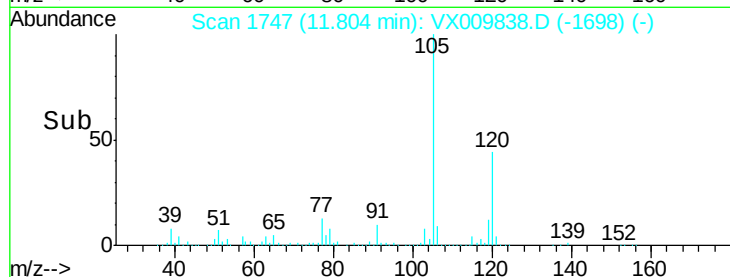
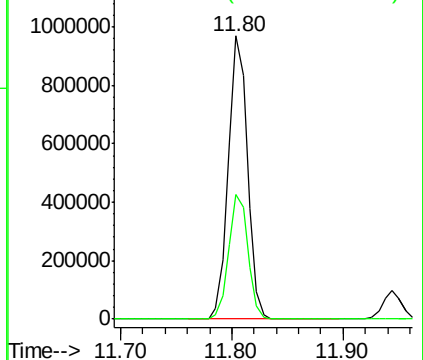
105 100

120 44.5 22.0 66.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 11.672 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009838.D

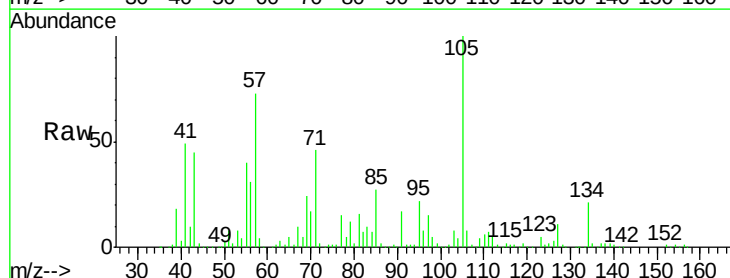
Acq: 23 May 2019 05:34

Tgt Ion:105 Resp: 114796

Ion Ratio Lower Upper

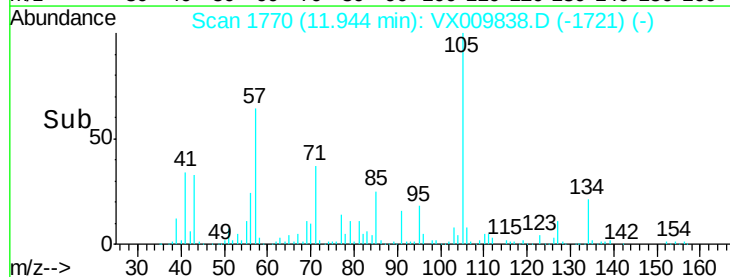
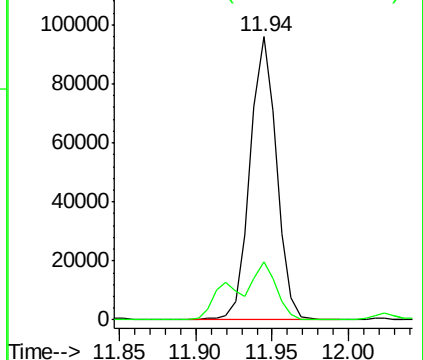
105 100

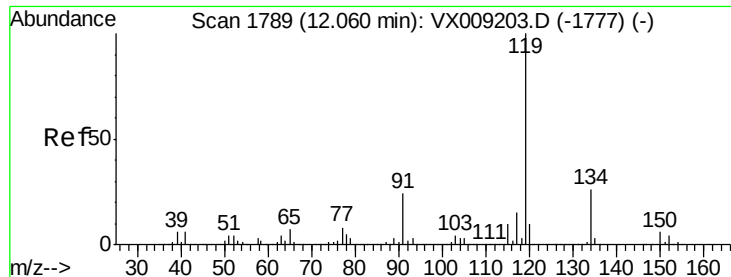
134 17.9 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

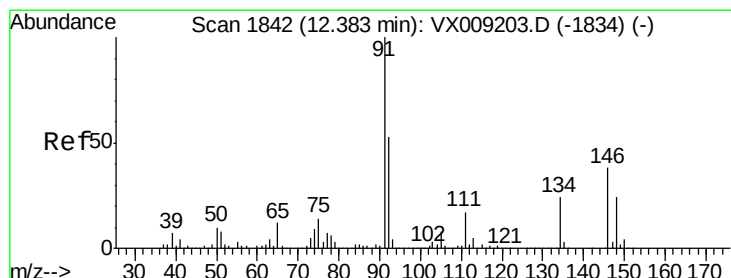
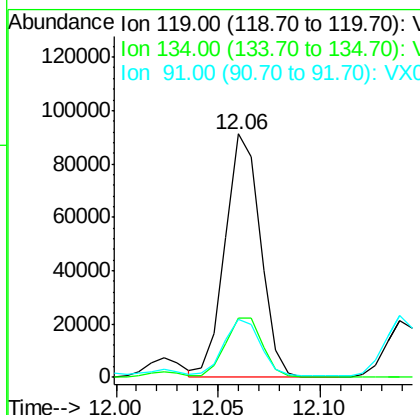
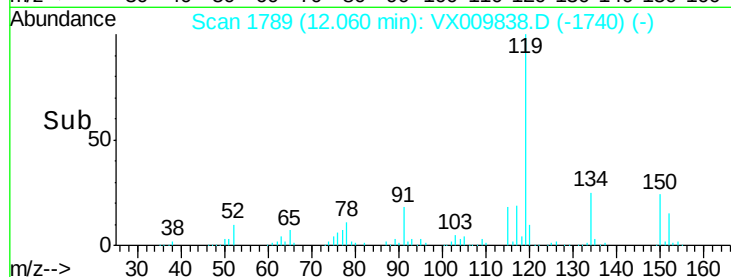
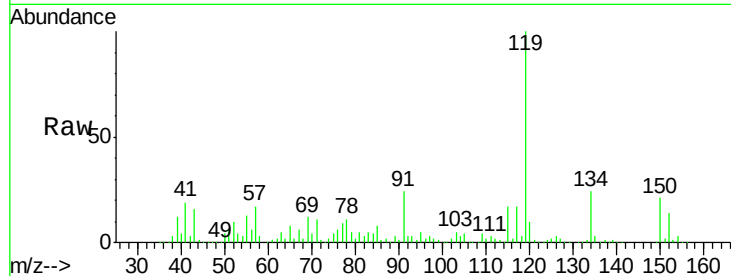




#86
p-Isopropyltoluene
Concen: 12.339 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX009838.D
Acq: 23 May 2019 05:34

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-SBR-3BR(14-17)

Tot Ion:119 Resp: 109091
Ion Ratio Lower Upper
119 100
134 25.8 12.9 38.7
91 23.9 11.8 35.4



#89
n-Butylbenzene
Concen: 14.678 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX009838.D
Acq: 23 May 2019 05:34

Tgt Ion: 91 Resp: 117295
Ion Ratio Lower Upper
91 100
92 46.3 26.5 79.5
134 52.4 12.4 37.2#

