

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052219\
 Data File : VX009837.D
 Acq On : 23 May 2019 05:11
 Operator : JC/SP
 Sample : K2976-18 50X
 Misc : 6.44g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-SBR-2BR(17-20)

Quant Time: May 23 09:04:26 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

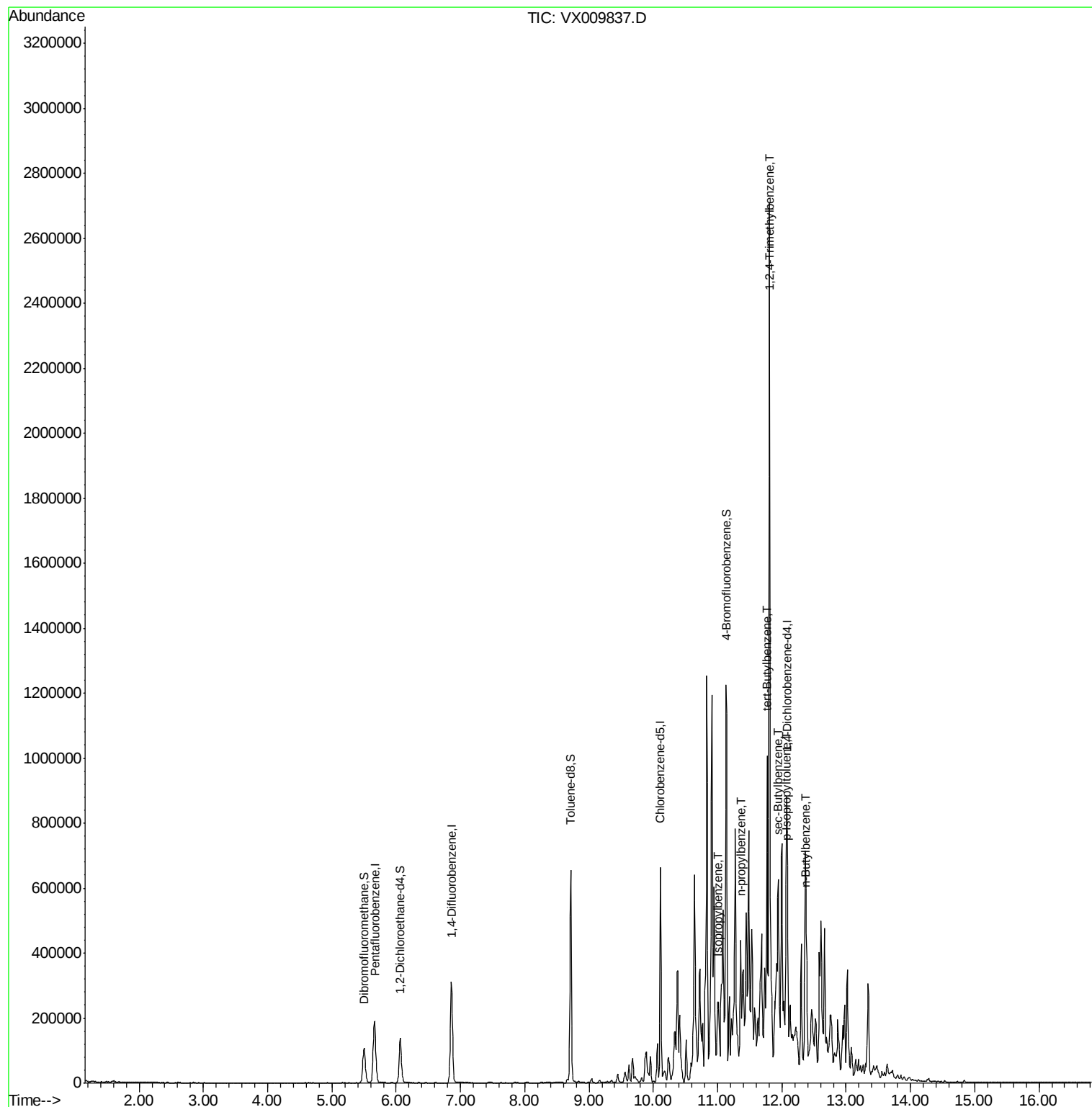
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	184357	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	298550	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	281527	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	142634	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	126635	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	
35) Dibromofluoromethane	5.50	113	90422	48.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.36%	
50) Toluene-d8	8.71	98	382194	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
62) 4-Bromofluorobenzene	11.13	95	151266	54.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.88%	
Target Compounds						
73) Isopropylbenzene	11.02	105	60334	5.817	ug/l	98
78) n-propylbenzene	11.36	91	208524	17.604	ug/l	99
83) tert-Butylbenzene	11.77	119	17315	2.038	ug/l	90
84) 1,2,4-Trimethylbenzene	11.80	105	1007099	114.885	ug/l	99
85) sec-Butylbenzene	11.94	105	129415	12.848	ug/l	96
86) p-Isopropyltoluene	12.06	119	73649	8.133	ug/l	99
89) n-Butylbenzene	12.38	91	118948	14.534	ug/l #	80

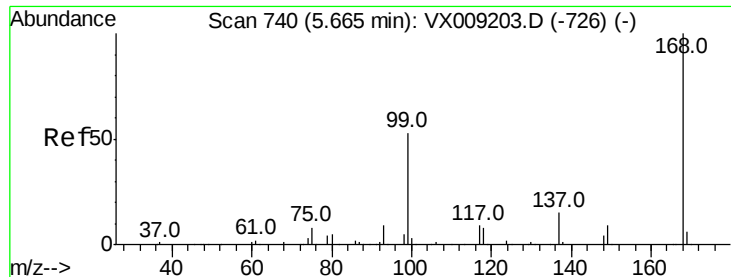
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052219\
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ClientSampleId :
EP1-SB-SBR-2BR(17-20)

Quant Time: May 23 09:04:26 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: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009837.D

Acq: 23 May 2019 05:11

Instrument :

MSVOA_X

ClientSampleId :

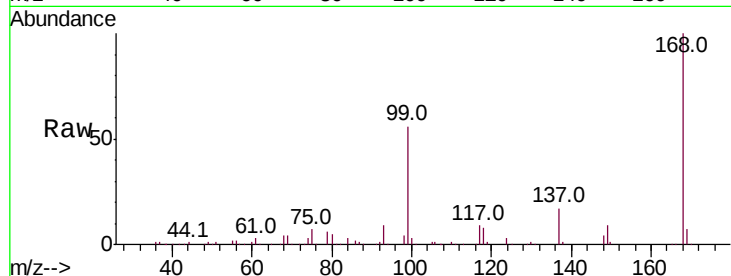
EP1-SB-SBR-2BR(17-20)

Tot Ion:168 Resp: 184357

Ion Ratio Lower Upper

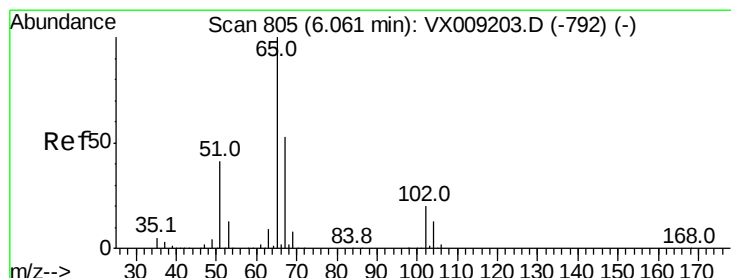
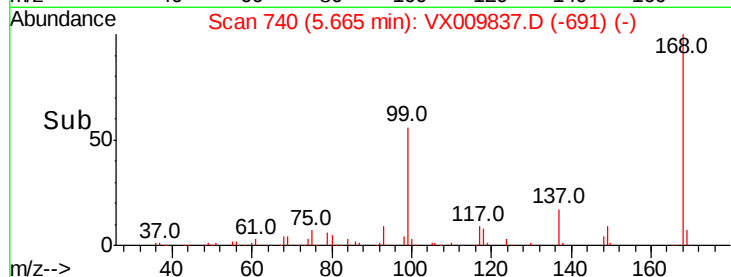
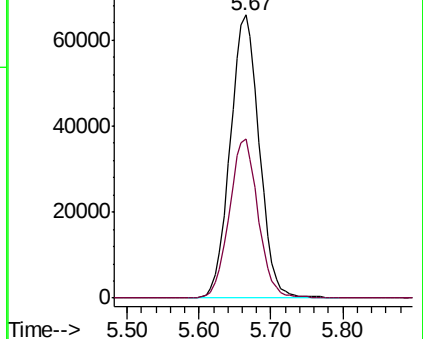
168 100

99 56.3 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.318 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009837.D

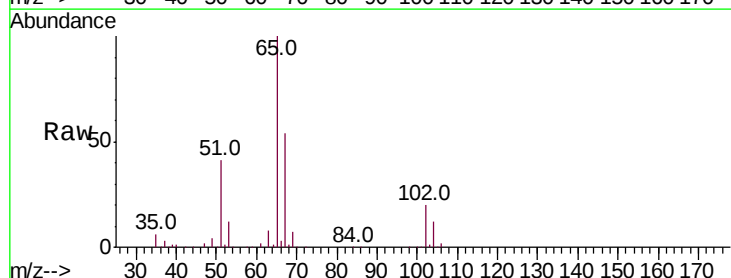
Acq: 23 May 2019 05:11

Tgt Ion: 65 Resp: 126635

Ion Ratio Lower Upper

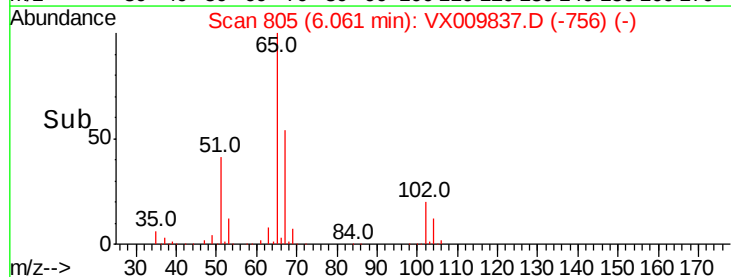
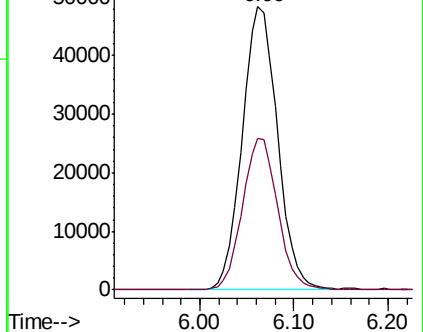
65 100

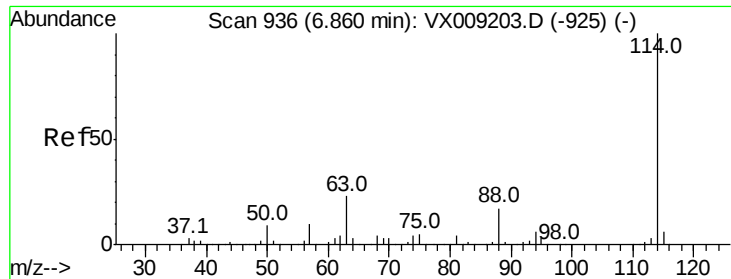
67 53.4 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

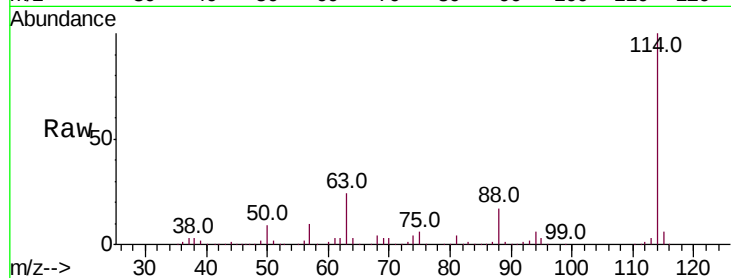




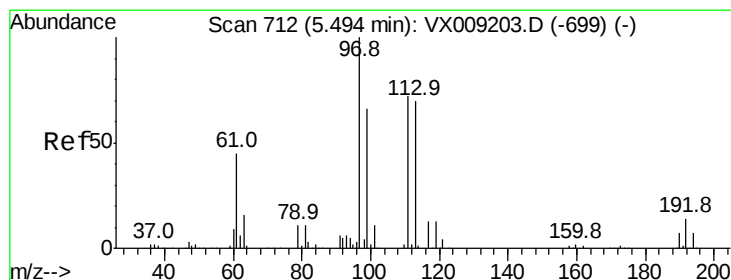
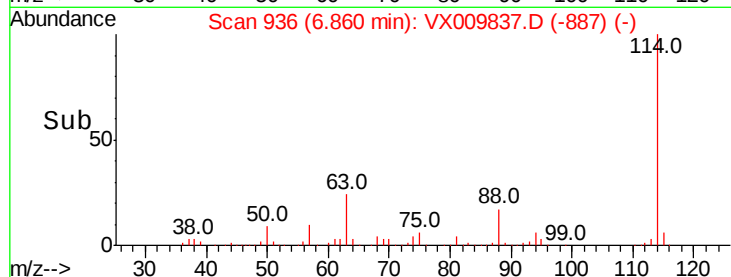
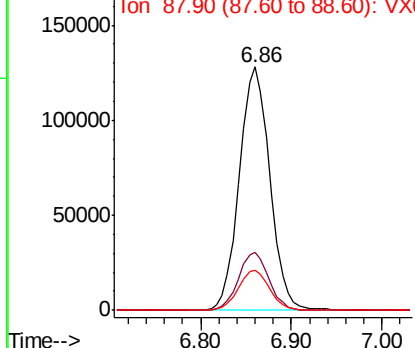
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009837.D
 Acq: 23 May 2019 05:11

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-SBR-2BR(17-20)

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.0	0.0	45.6
88	16.7	0.0	33.2

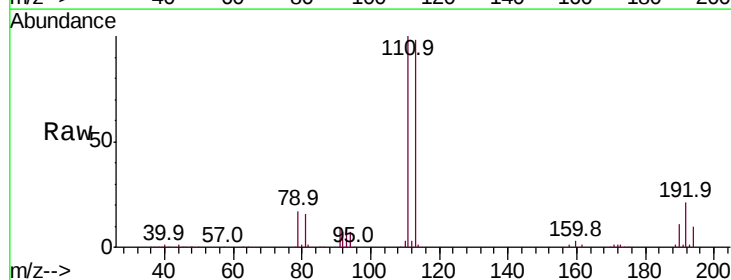


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

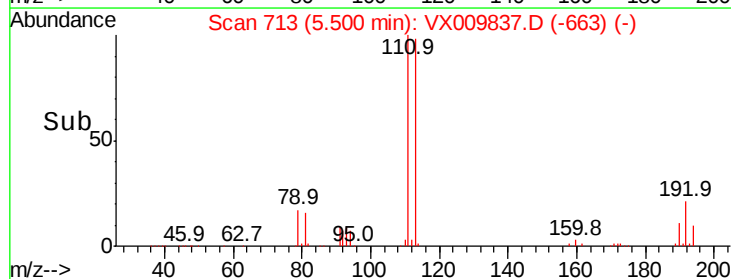
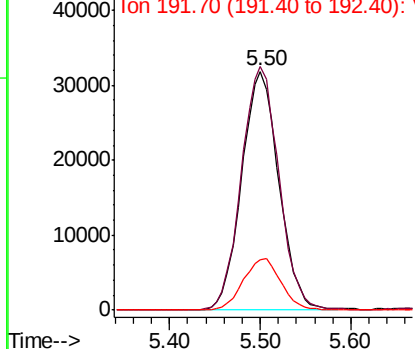


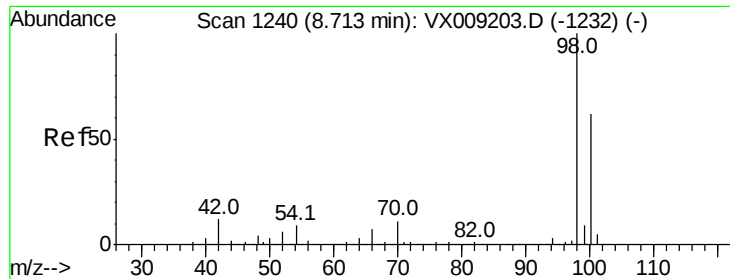
#35
 Dibromofluoromethane
 Concen: 48.179 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009837.D
 Acq: 23 May 2019 05:11

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.8	124.2
192	21.8	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: 50.440 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009837.D

Acq: 23 May 2019 05:11

Instrument :

MSVOA_X

ClientSampleId :

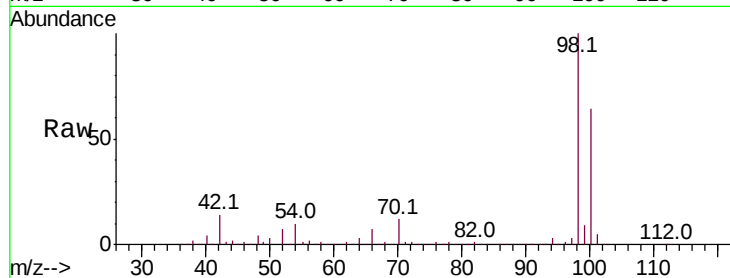
EP1-SB-SBR-2BR(17-20)

Tot Ion: 98 Resp: 382194

Ion Ratio Lower Upper

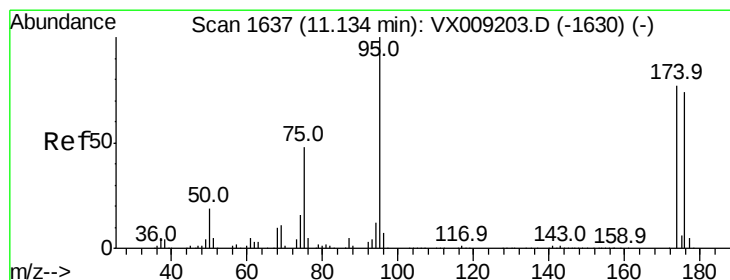
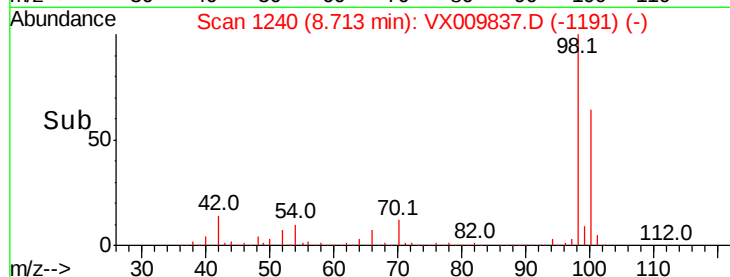
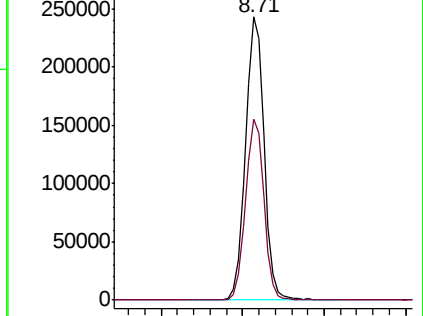
98 100

100 64.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 54.941 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009837.D

Acq: 23 May 2019 05:11

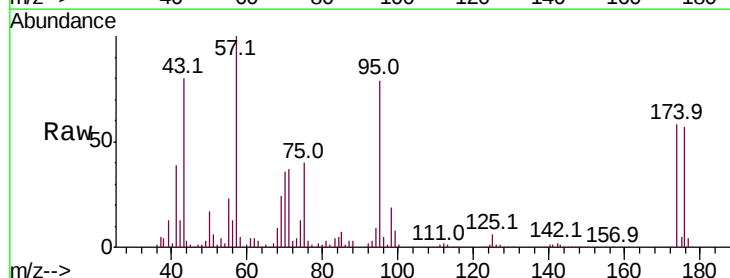
Tgt Ion: 95 Resp: 151266

Ion Ratio Lower Upper

95 100

174 76.7 0.0 161.6

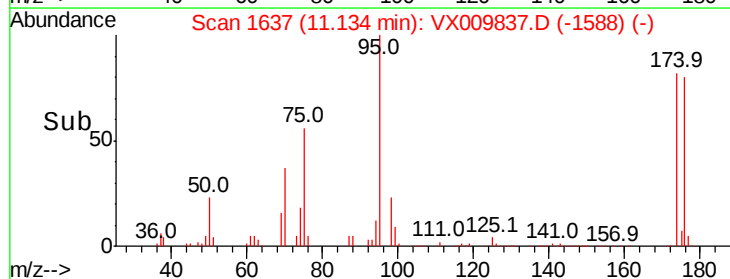
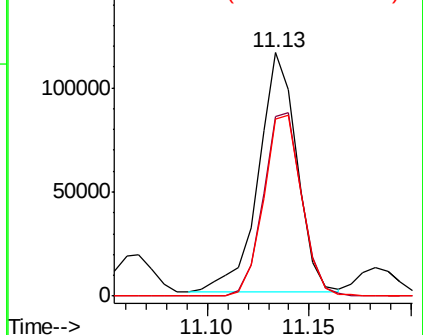
176 75.0 0.0 159.2

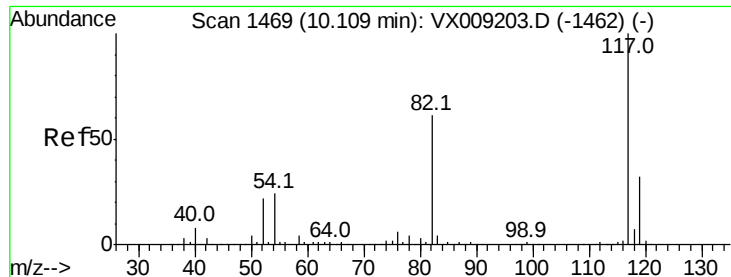


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

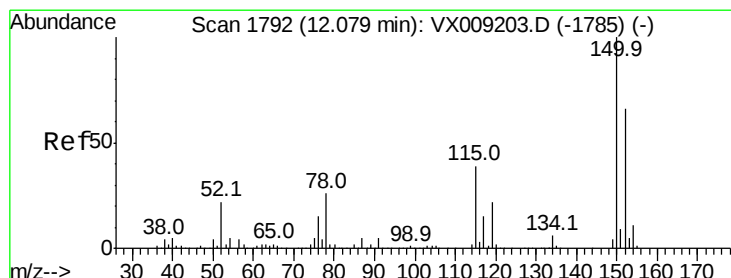
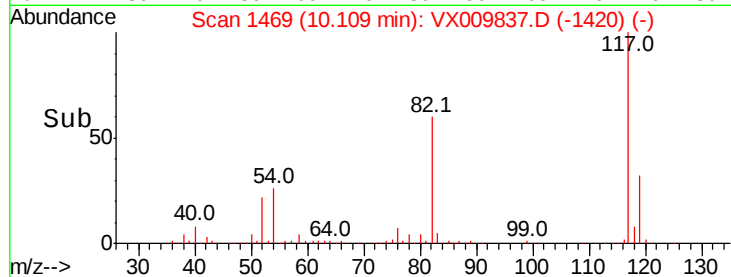
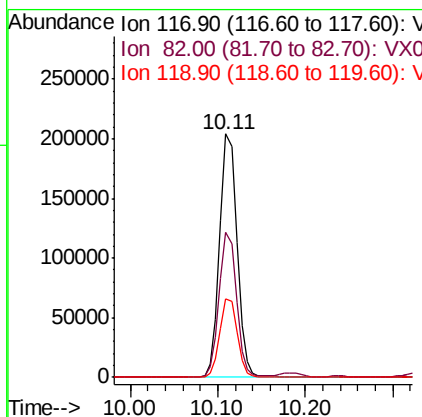
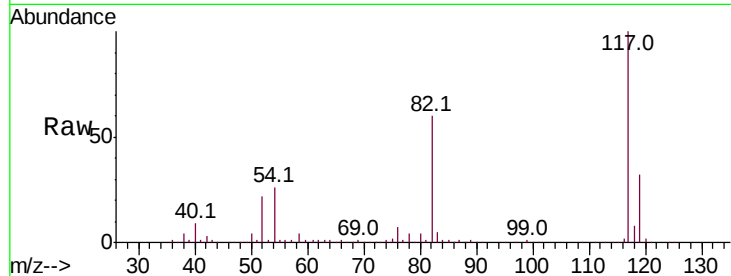




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009837.D
Acq: 23 May 2019 05:11

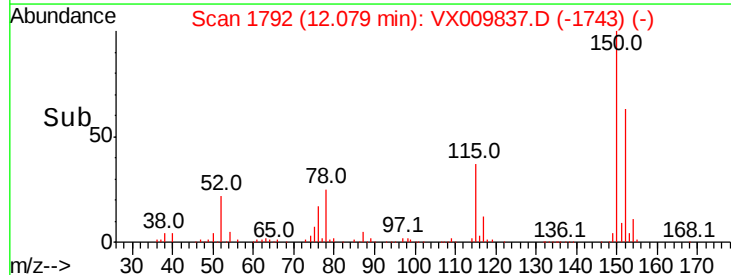
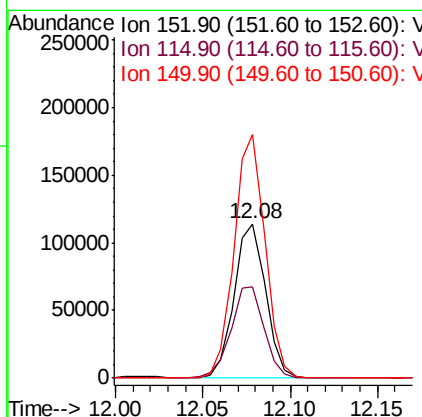
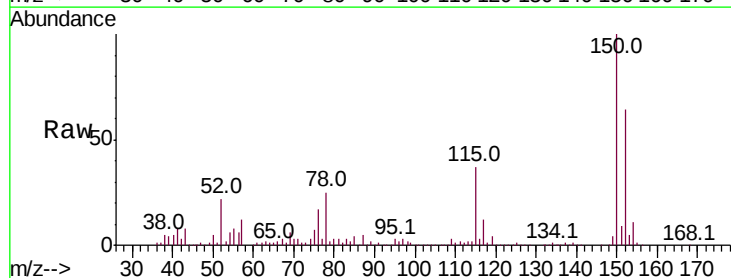
Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-SBR-2BR(17-20)

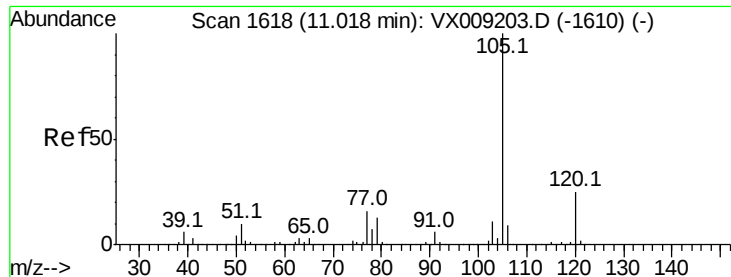
Tot Ion:117 Resp: 281527
Ion Ratio Lower Upper
117 100
82 59.4 48.8 73.2
119 32.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009837.D
Acq: 23 May 2019 05:11

Tgt Ion:152 Resp: 142634
Ion Ratio Lower Upper
152 100
115 62.1 41.2 123.6
150 154.9 0.0 346.4





#73

Isopropylbenzene

Concen: 5.817 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009837.D

Acq: 23 May 2019 05:11

Instrument :

MSVOA_X

ClientSampleId :

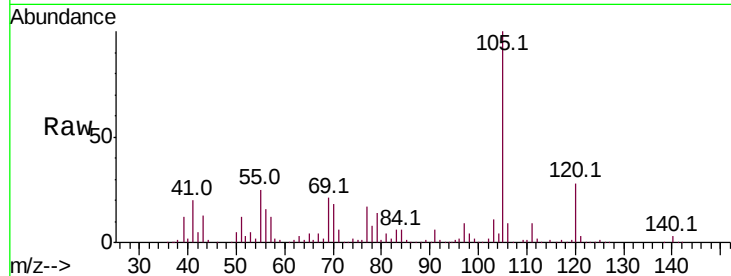
EP1-SB-SBR-2BR(17-20)

Tot Ion:105 Resp: 60334

Ion Ratio Lower Upper

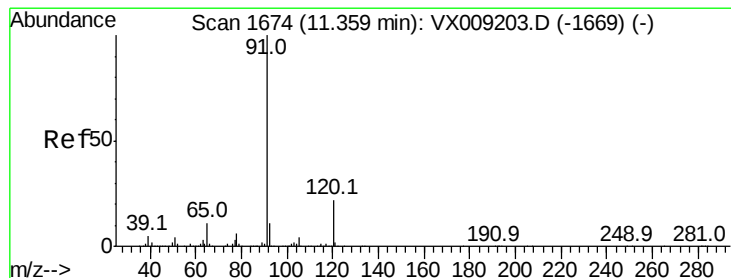
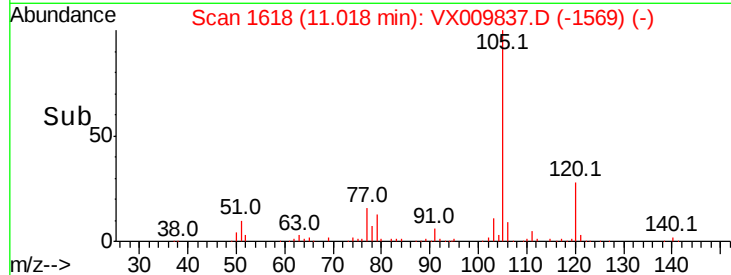
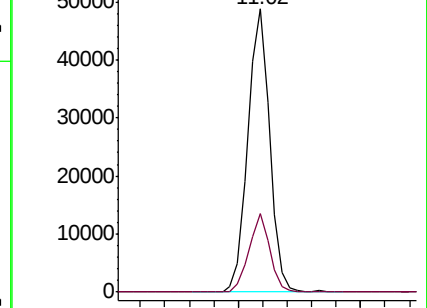
105 100

120 26.4 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: 17.604 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009837.D

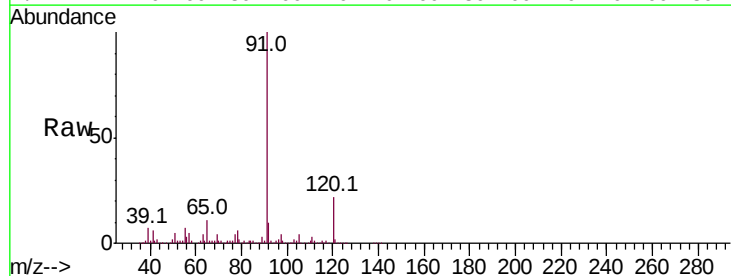
Acq: 23 May 2019 05:11

Tgt Ion: 91 Resp: 208524

Ion Ratio Lower Upper

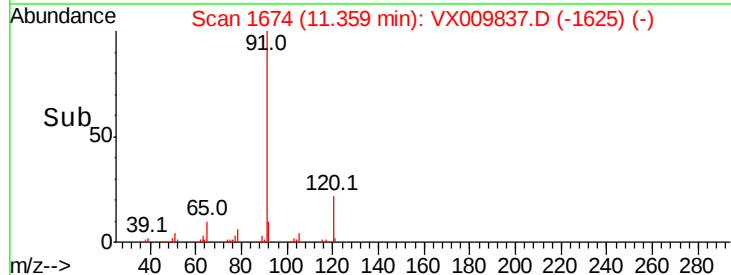
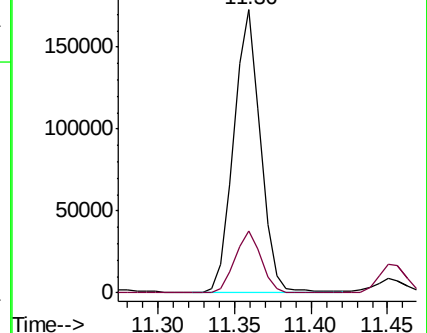
91 100

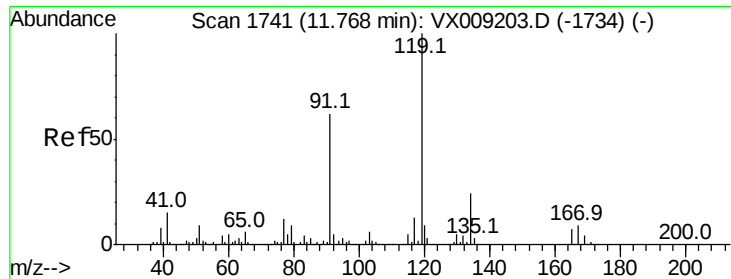
120 21.6 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#83

tert-Butylbenzene

Concen: 2.038 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX009837.D

Acq: 23 May 2019 05:11

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EP1-SB-SBR-2BR(17-20)

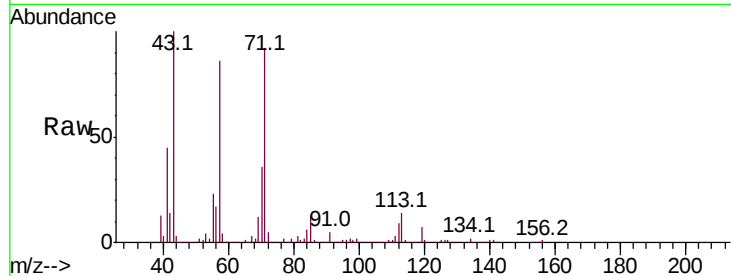
Tot Ion:119 Resp: 17315

Ion Ratio Lower Upper

119 100

91 69.5 29.5 88.5

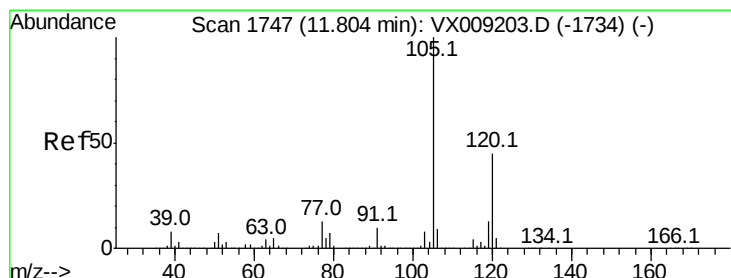
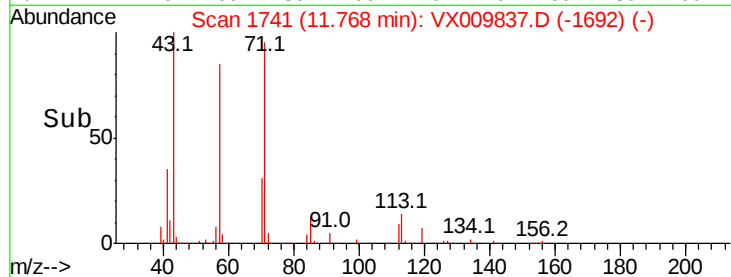
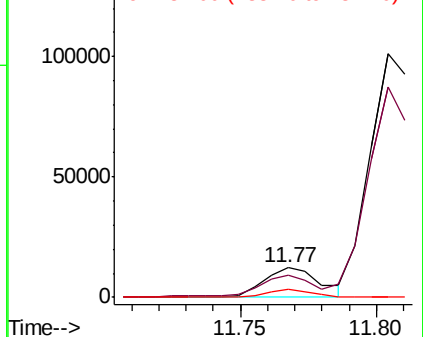
134 22.5 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 114.885 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX009837.D

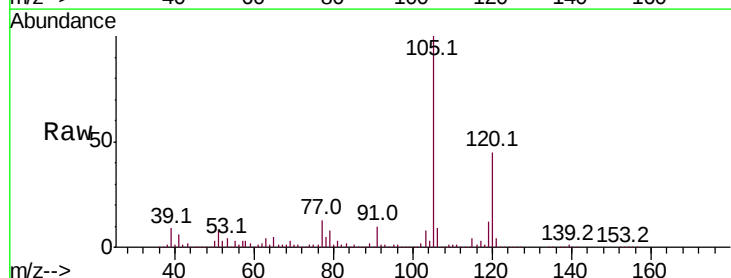
Acq: 23 May 2019 05:11

Tgt Ion:105 Resp: 1007099

Ion Ratio Lower Upper

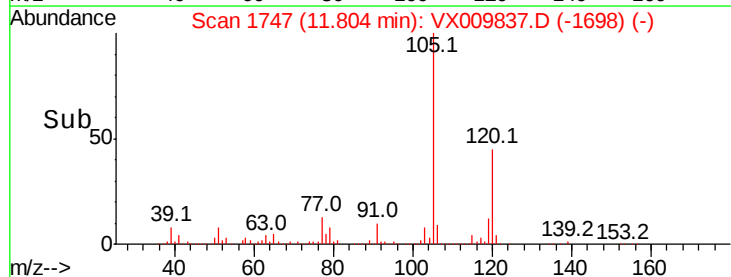
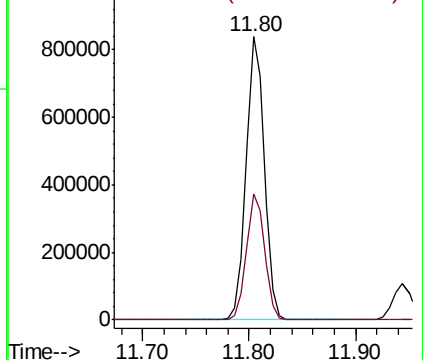
105 100

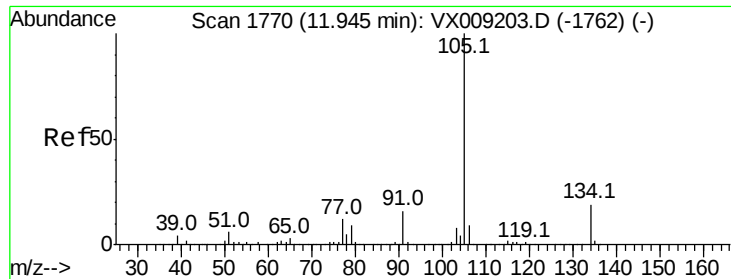
120 44.8 22.0 66.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 12.848 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009837.D

Acq: 23 May 2019 05:11

Instrument :

MSVOA_X

ClientSampleId :

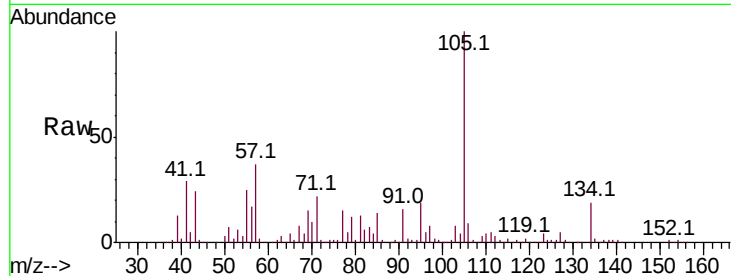
EP1-SB-SBR-2BR(17-20)

Tot Ion:105 Resp: 129415

Ion Ratio Lower Upper

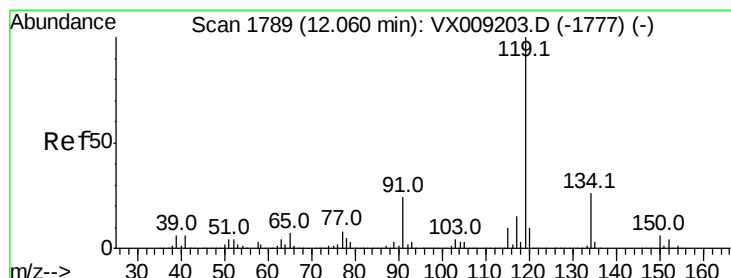
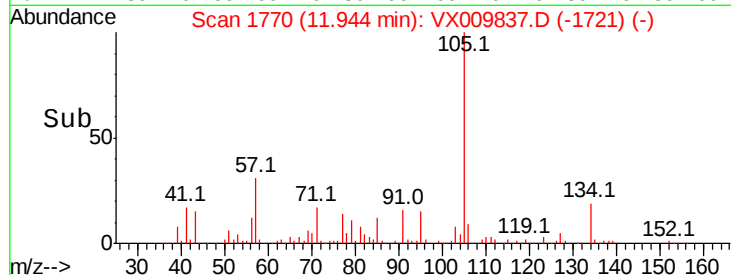
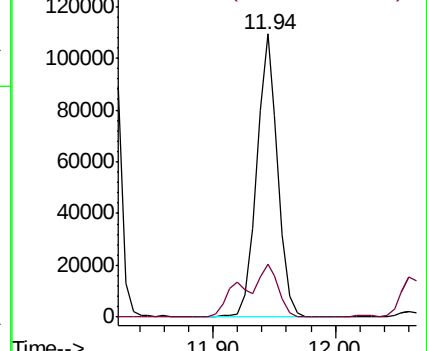
105 100

134 17.3 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: 8.133 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009837.D

Acq: 23 May 2019 05:11

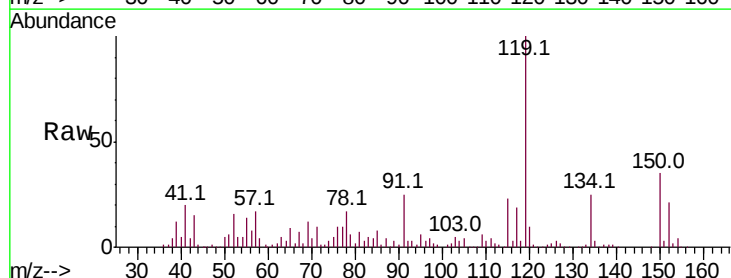
Tgt Ion:119 Resp: 73649

Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.7

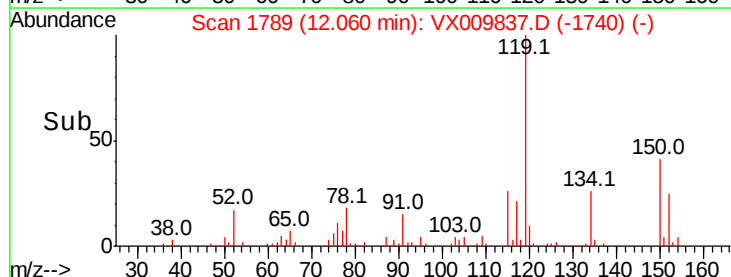
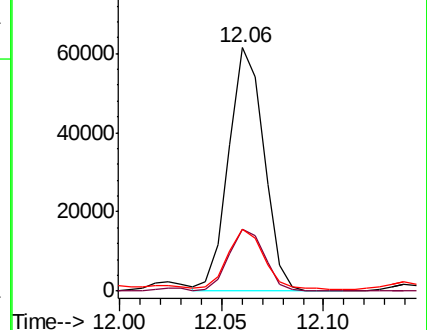
91 24.9 11.8 35.4

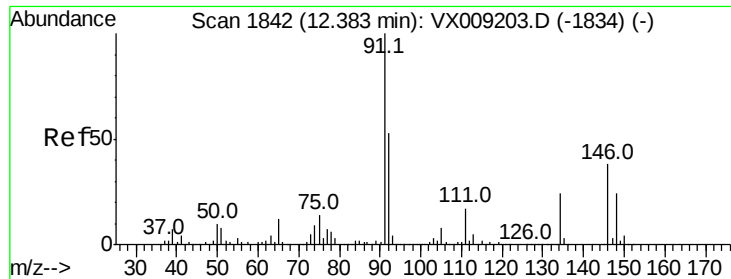


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#89

n-Butylbenzene

Concen: 14.534 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX009837.D

Acq: 23 May 2019 05:11

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-SBR-2BR(17-20)

Tot Ion: 91 Resp: 118948

Ion Ratio Lower Upper

91 100

92 47.0 26.5 79.5

134 47.3 12.4 37.2#

