

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052219\
 Data File : VX009839.D
 Acq On : 23 May 2019 05:58
 Operator : JC/SP
 Sample : K2976-20 50X
 Misc : 5.74g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-SBR-3BR(17-20)

Quant Time: May 23 09:07:35 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

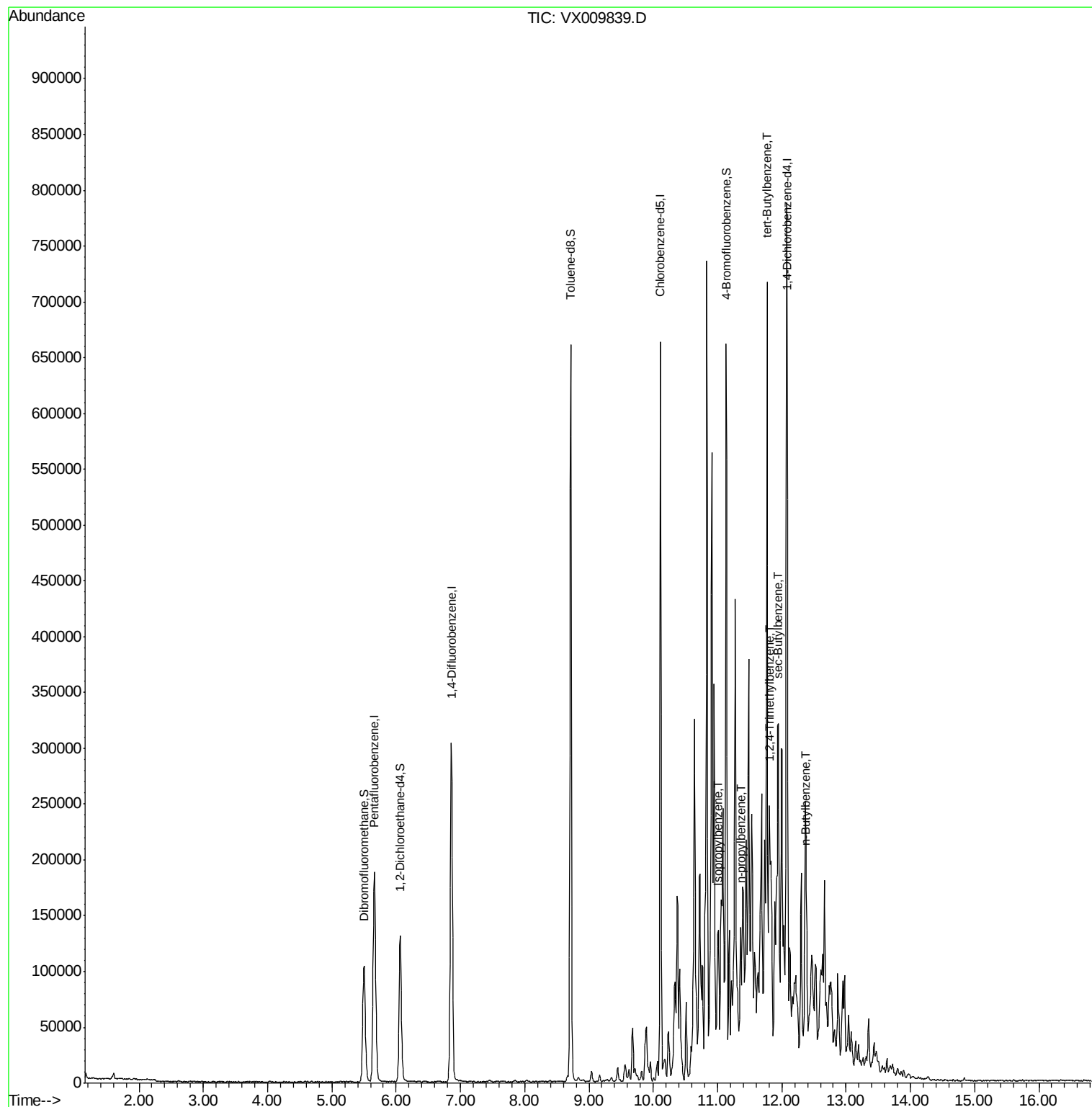
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	180837	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	294617	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	279454	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	143705	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	126171	51.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.22%	
35) Dibromofluoromethane	5.50	113	89754	48.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.92%	
50) Toluene-d8	8.71	98	381263	50.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.98%	
62) 4-Bromofluorobenzene	11.13	95	148244	54.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.12%	
Target Compounds						
73) Isopropylbenzene	11.02	105	30722	2.940	ug/l	98
78) n-propylbenzene	11.36	91	53885	4.515	ug/l	98
83) tert-Butylbenzene	11.77	119	6162	0.720	ug/l	72
84) 1,2,4-Trimethylbenzene	11.80	105	35945	4.070	ug/l	99
85) sec-Butylbenzene	11.94	105	47811	4.711	ug/l	95
89) n-Butylbenzene	12.38	91	29261	3.549	ug/l #	84

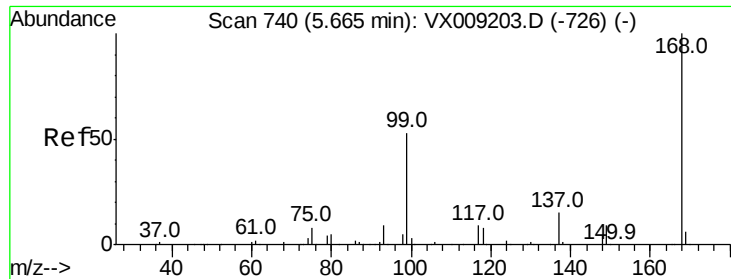
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
EP1-SB-SBR-3BR(17-20)

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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# 739

Delta R.T. -0.01 min

Lab File: VX009839.D

Acq: 23 May 2019 05:58

Instrument :

MSVOA_X

ClientSampleId :

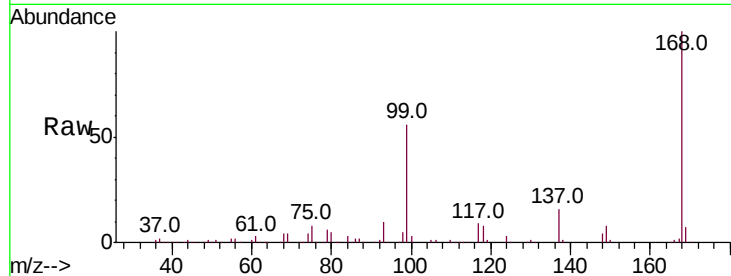
EP1-SB-SBR-3BR(17-20)

Tot Ion:168 Resp: 180837

Ion Ratio Lower Upper

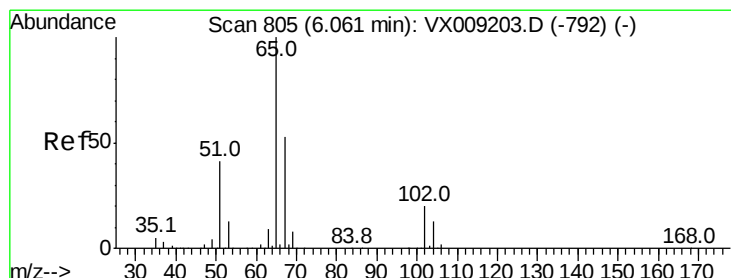
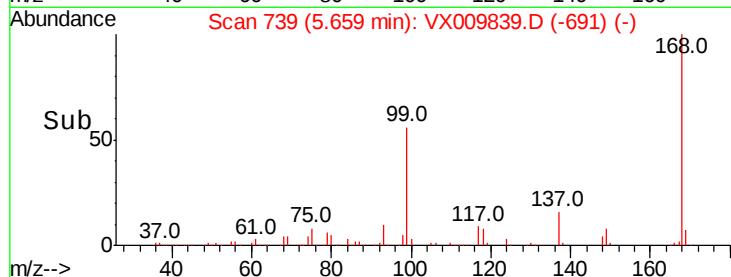
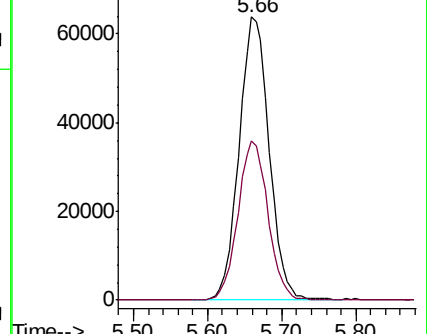
168 100

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: 51.110 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009839.D

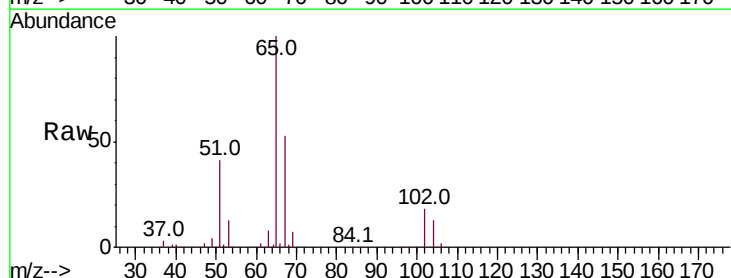
Acq: 23 May 2019 05:58

Tgt Ion: 65 Resp: 126171

Ion Ratio Lower Upper

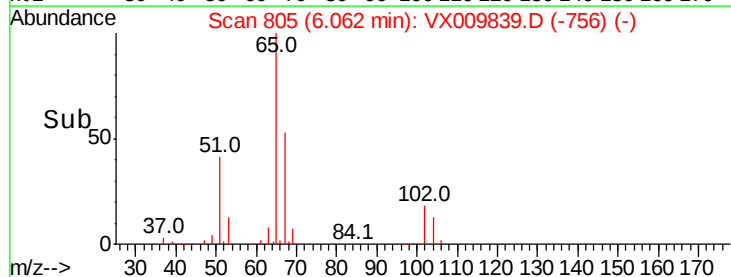
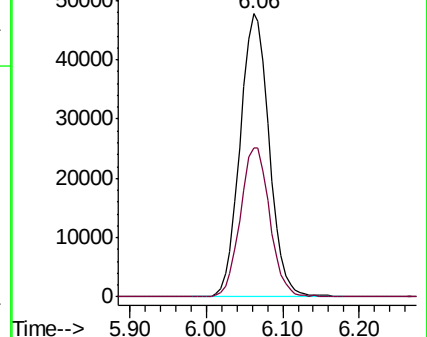
65 100

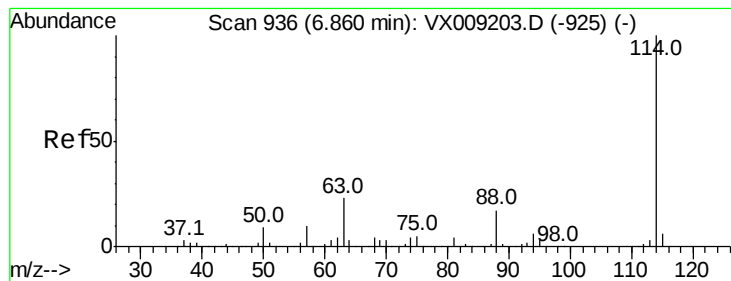
67 53.4 0.0 106.6



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: VX009839.D

Acq: 23 May 2019 05:58

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-SBR-3BR(17-20)

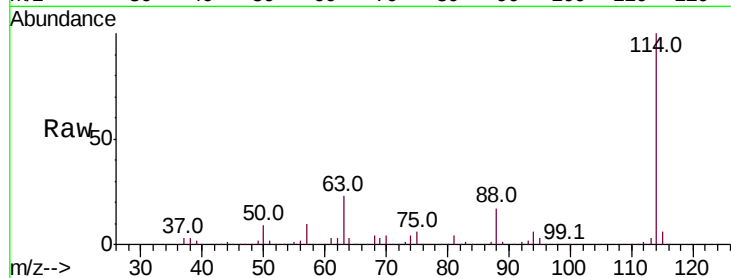
Tot Ion:114 Resp: 294617

Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.6

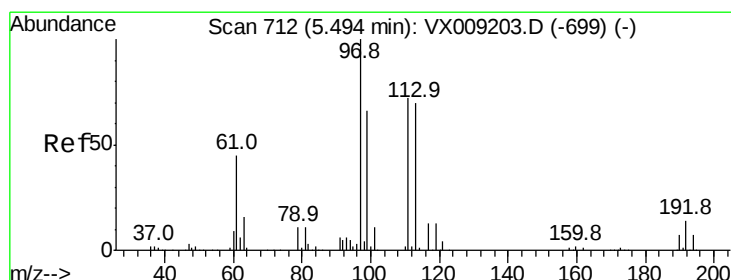
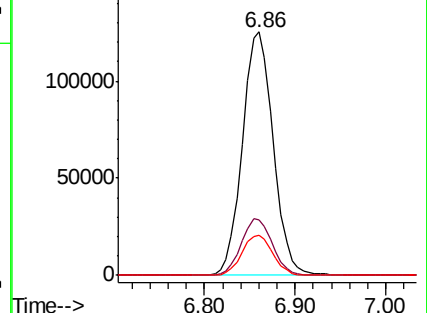
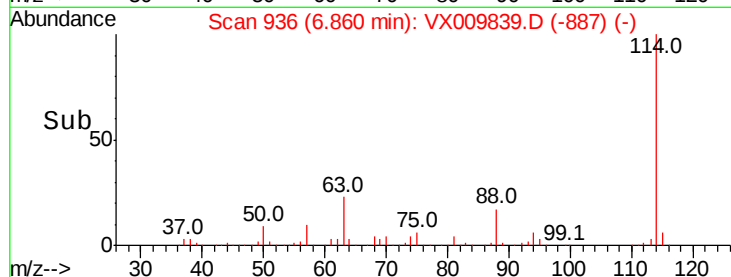
88 16.5 0.0 33.2



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: 48.461 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009839.D

Acq: 23 May 2019 05:58

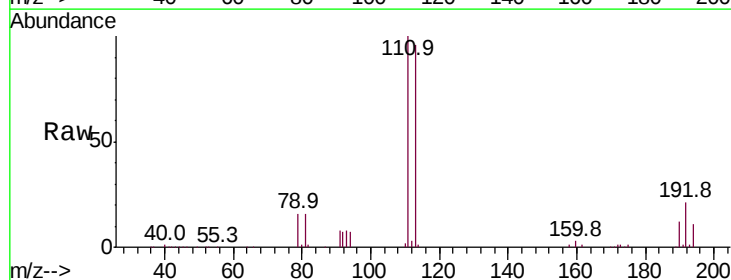
Tgt Ion:113 Resp: 89754

Ion Ratio Lower Upper

113 100

111 103.6 82.8 124.2

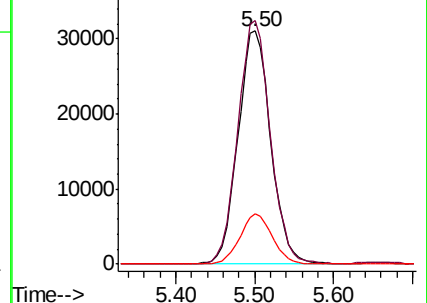
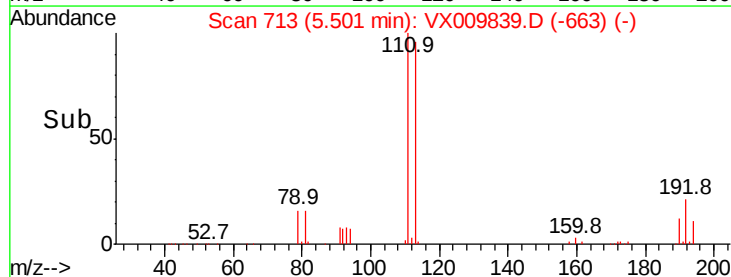
192 21.2 17.0 25.6

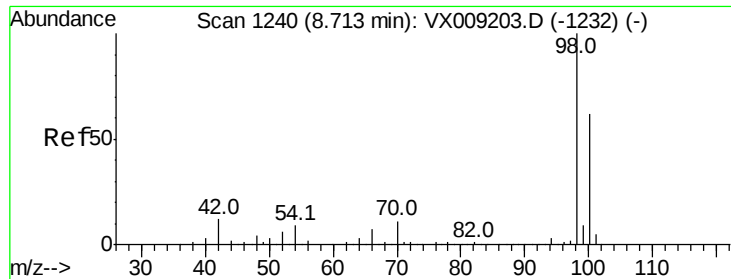


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

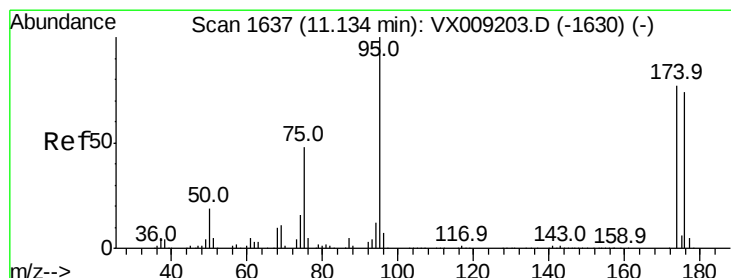
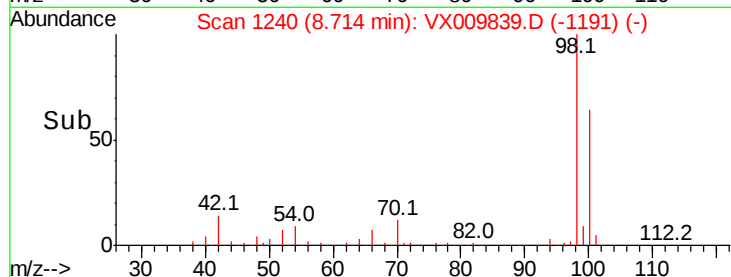
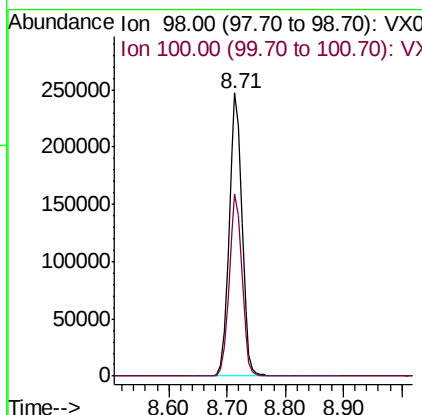
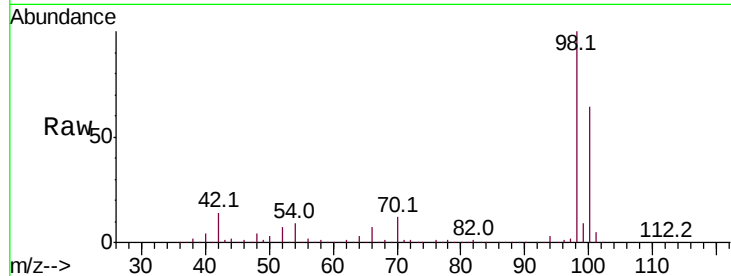




#50
Toluene-d8
Concen: 50.989 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009839.D
Acq: 23 May 2019 05:58

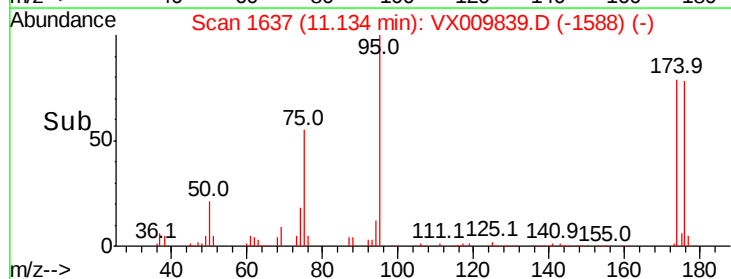
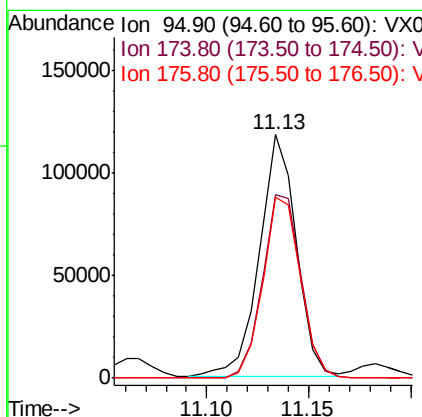
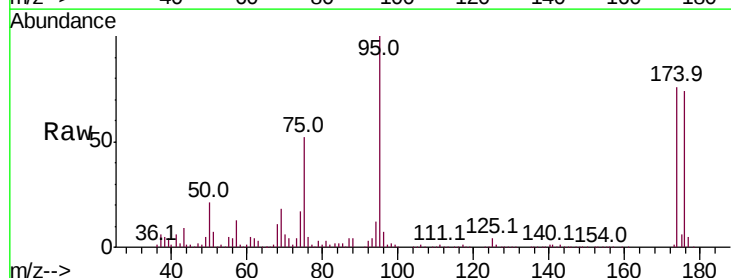
Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-SBR-3BR(17-20)

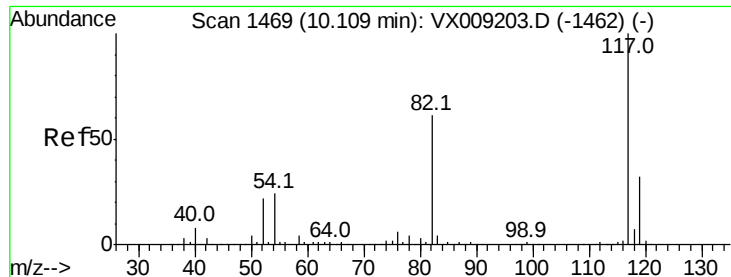
Tot Ion: 98 Resp: 381263
Ion Ratio Lower Upper
98 100
100 64.3 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 54.562 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009839.D
Acq: 23 May 2019 05:58

Tgt Ion: 95 Resp: 148244
Ion Ratio Lower Upper
95 100
174 79.3 0.0 161.6
176 77.0 0.0 159.2

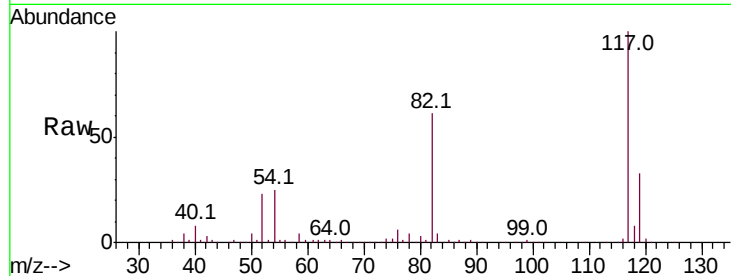




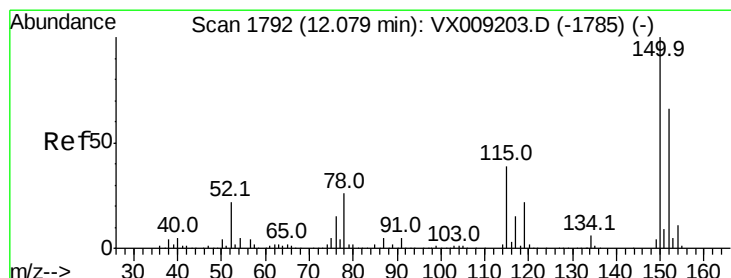
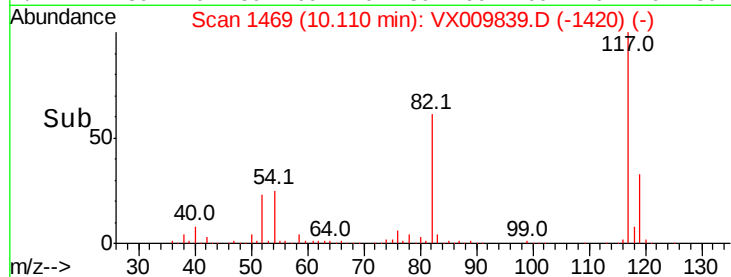
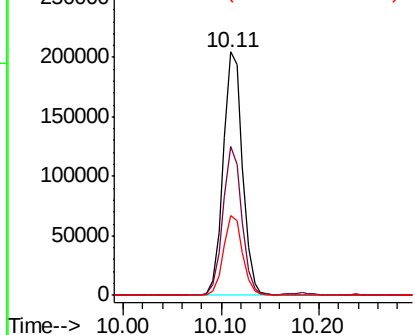
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009839.D
Acq: 23 May 2019 05:58

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-SBR-3BR(17-20)

Tot Ion:117 Resp: 279454
Ion Ratio Lower Upper
117 100
82 61.1 48.8 73.2
119 32.8 25.8 38.6

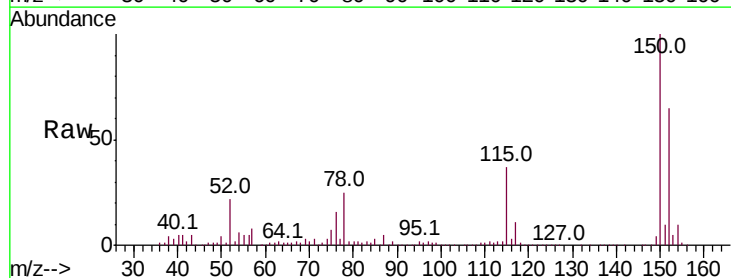


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

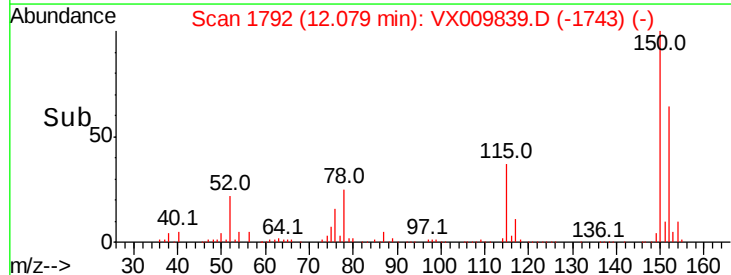
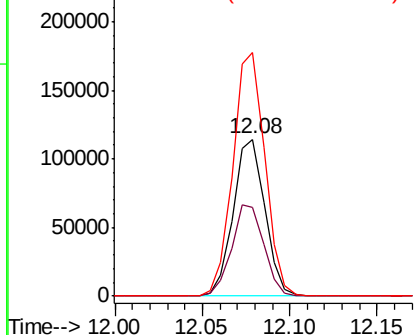


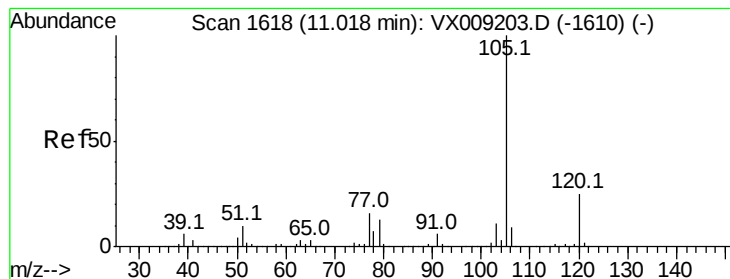
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009839.D
Acq: 23 May 2019 05:58

Tgt Ion:152 Resp: 143705
Ion Ratio Lower Upper
152 100
115 59.3 41.2 123.6
150 157.6 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: 2.940 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009839.D

Acq: 23 May 2019 05:58

Instrument :

MSVOA_X

ClientSampleId :

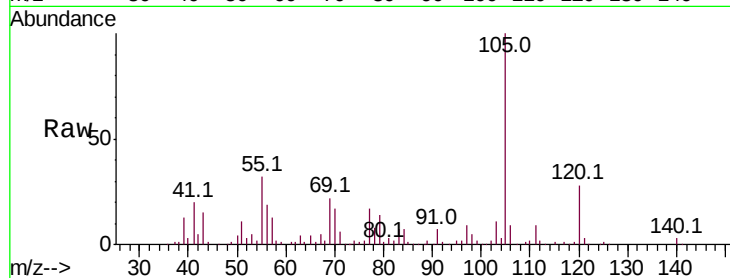
EP1-SB-SBR-3BR(17-20)

Tot Ion:105 Resp: 30722

Ion Ratio Lower Upper

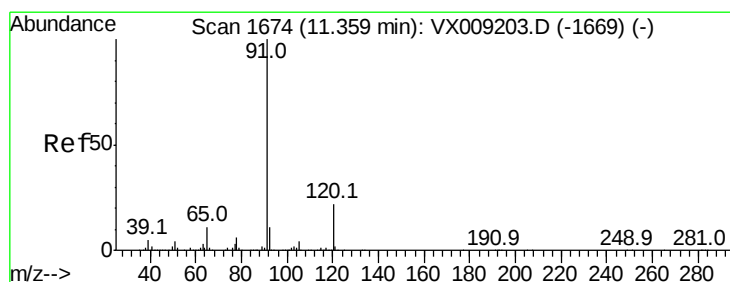
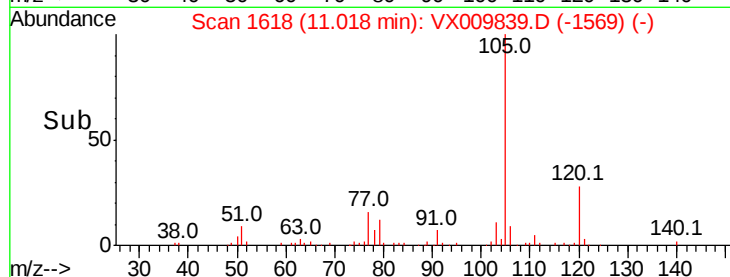
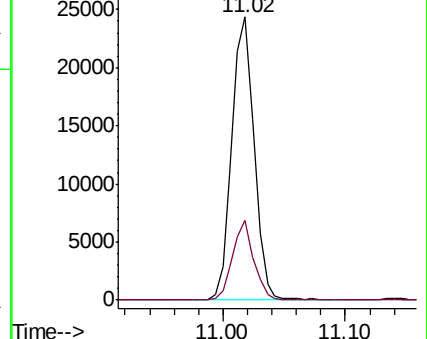
105 100

120 26.5 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: 4.515 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009839.D

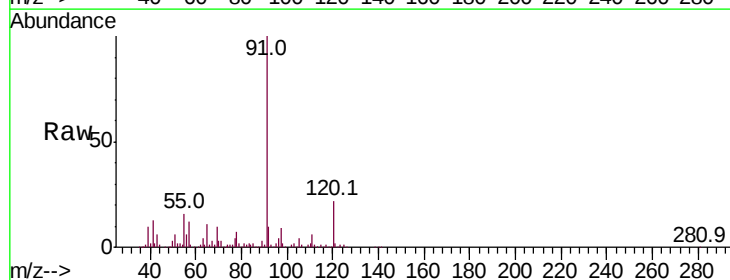
Acq: 23 May 2019 05:58

Tgt Ion: 91 Resp: 53885

Ion Ratio Lower Upper

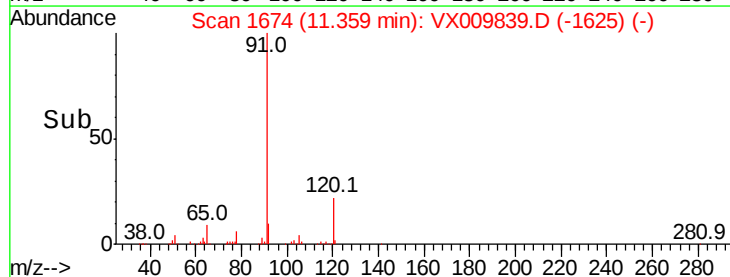
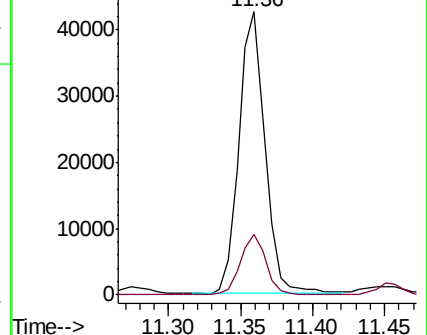
91 100

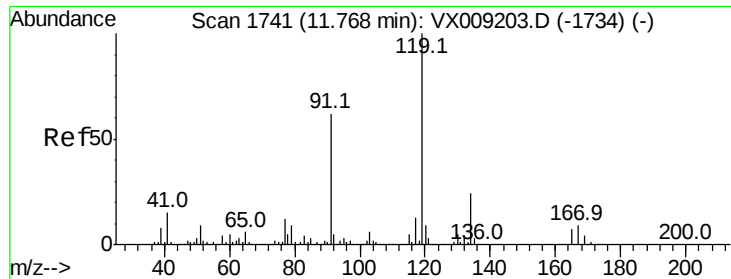
120 20.8 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#83

tert-Butylbenzene

Concen: 0.720 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX009839.D

Acq: 23 May 2019 05:58

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-SBR-3BR(17-20)

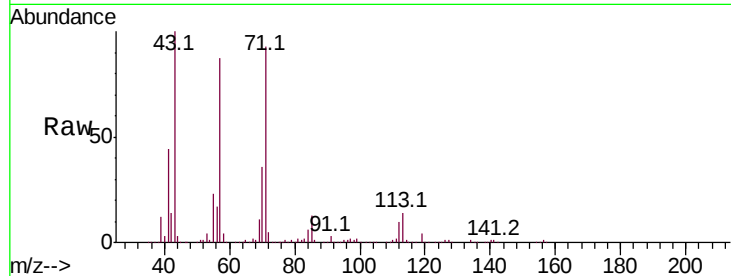
Tot Ion:119 Resp: 6162

Ion Ratio Lower Upper

119 100

91 85.8 29.5 88.5

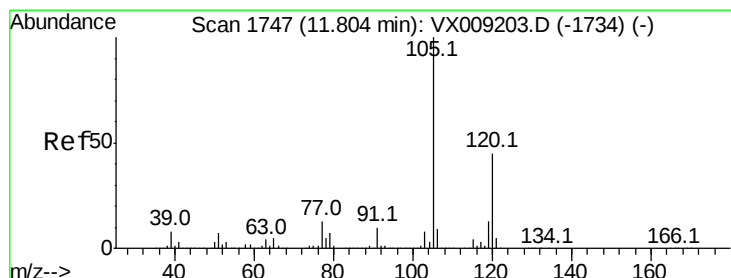
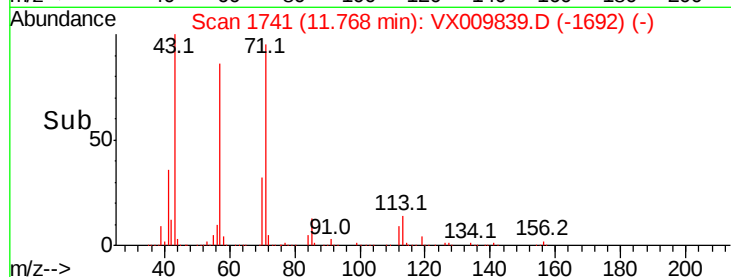
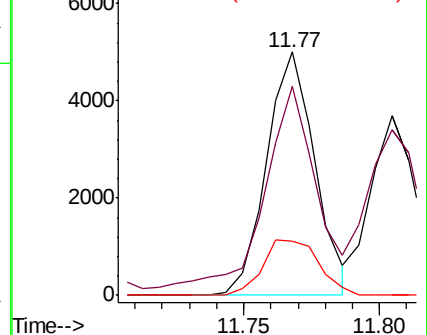
134 26.2 11.4 34.1



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: 4.070 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX009839.D

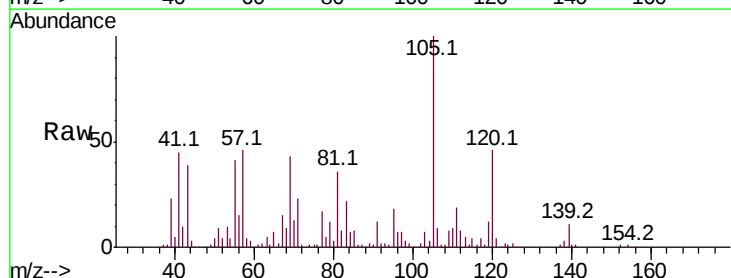
Acq: 23 May 2019 05:58

Tgt Ion:105 Resp: 35945

Ion Ratio Lower Upper

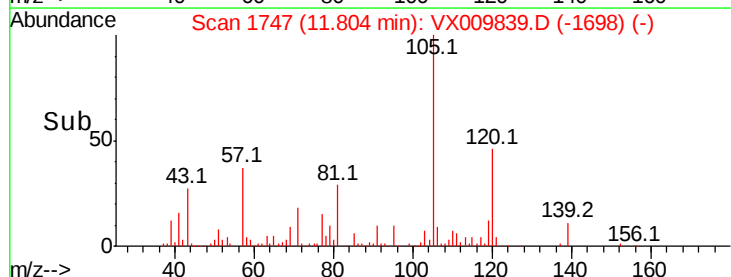
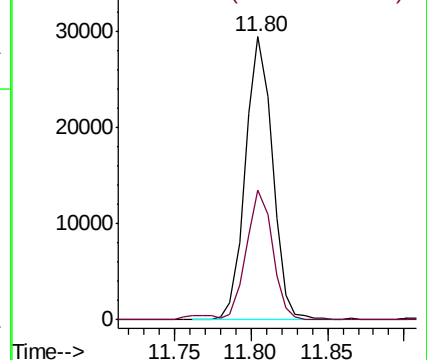
105 100

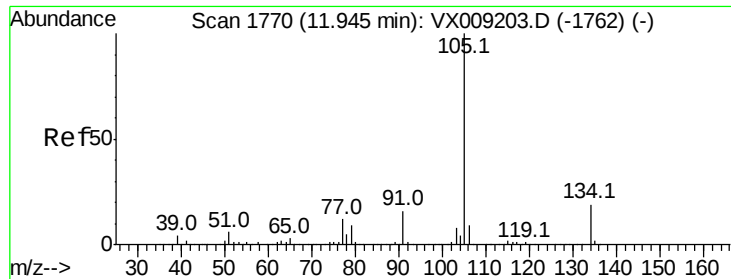
120 44.8 22.0 66.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 4.711 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009839.D

Acq: 23 May 2019 05:58

Instrument :

MSVOA_X

ClientSampleId :

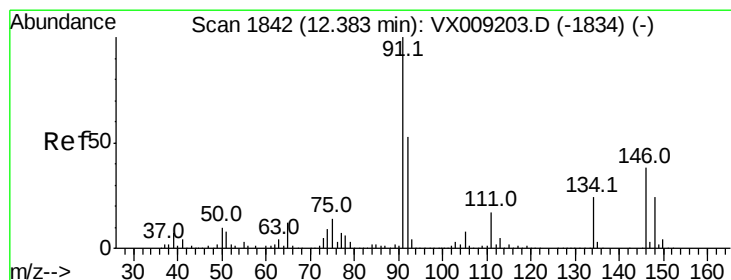
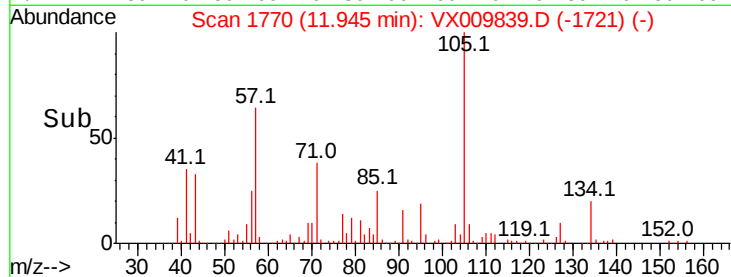
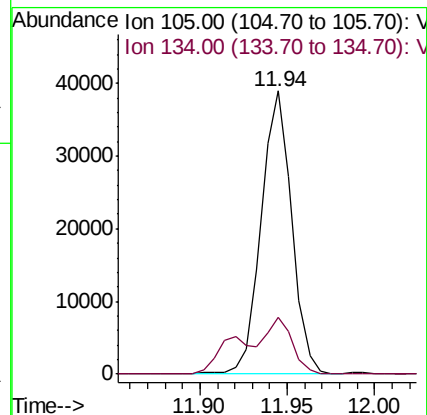
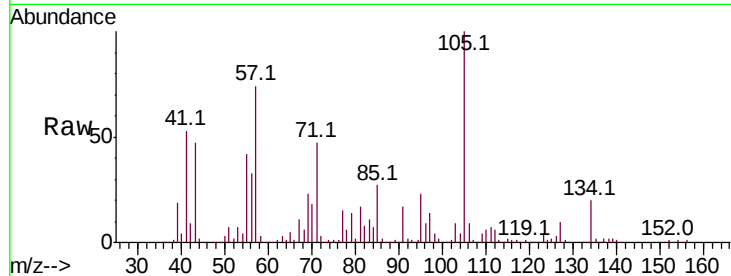
EP1-SB-SBR-3BR(17-20)

Tot Ion:105 Resp: 47811

Ion Ratio Lower Upper

105 100

134 17.0 9.7 28.9



#89

n-Butylbenzene

Concen: 3.549 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX009839.D

Acq: 23 May 2019 05:58

Tgt Ion: 91 Resp: 29261

Ion Ratio Lower Upper

91 100

92 45.5 26.5 79.5

134 38.3 12.4 37.2#

