

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052319\
 Data File : VX009867.D
 Acq On : 23 May 2019 18:38
 Operator : JC/SP
 Sample : K2976-20 10X
 Misc : 5.74g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: May 24 04:52:33 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

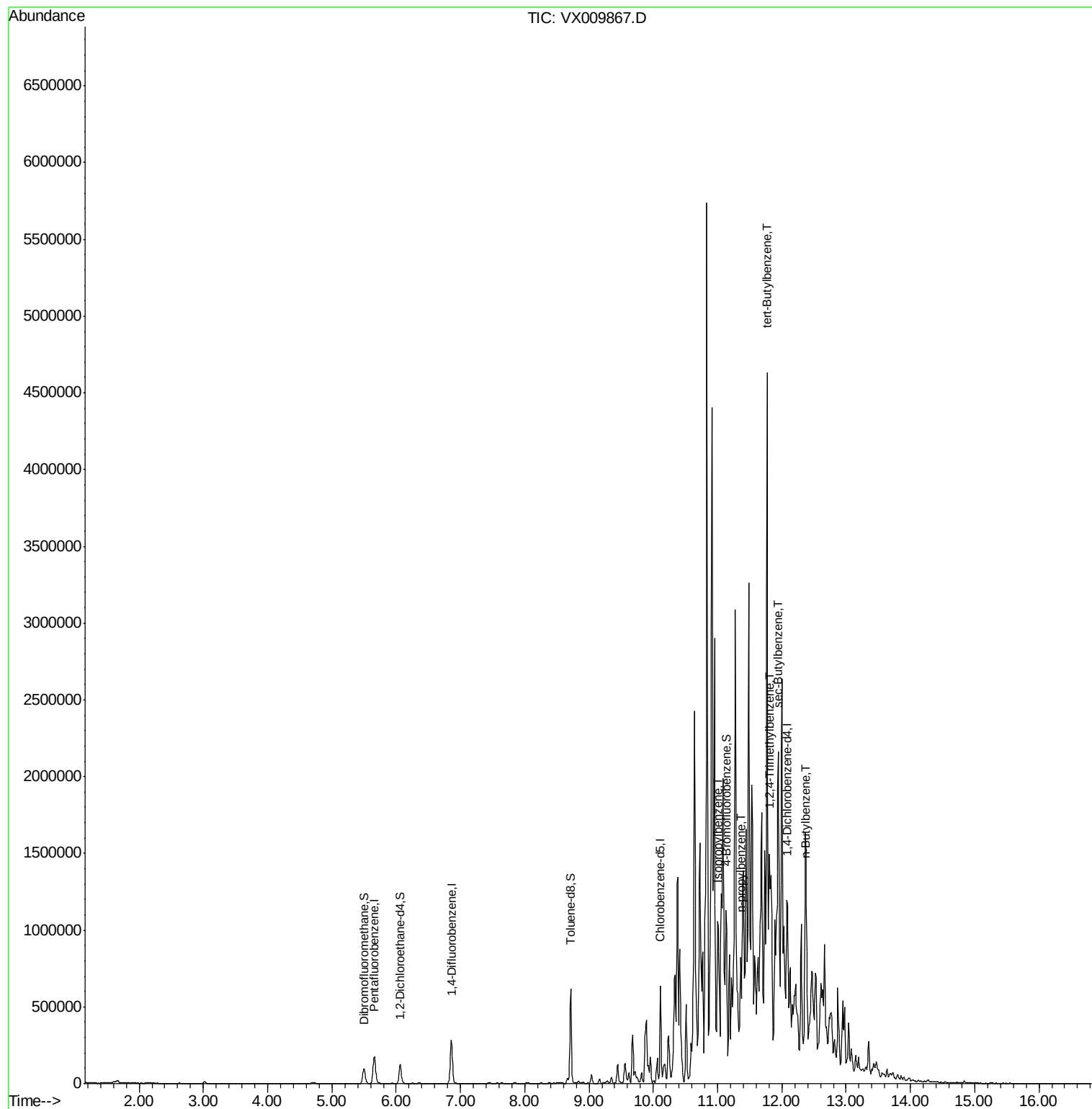
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	170779	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	274635	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	249349	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111097	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	116775	50.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.18%	
35) Dibromofluoromethane	5.50	113	83247	48.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.44%	
50) Toluene-d8	8.71	98	354301	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.66%	
62) 4-Bromofluorobenzene	11.13	95	144756	57.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.30%	
Target Compounds						
73) Isopropylbenzene	11.02	105	158082	19.567	ug/l	99
78) n-propylbenzene	11.36	91	278159	30.148	ug/l	98
83) tert-Butylbenzene	11.77	119	33626	5.081	ug/l	84
84) 1,2,4-Trimethylbenzene	11.80	105	153272	22.448	ug/l	99
85) sec-Butylbenzene	11.94	105	249969	31.862	ug/l	97
89) n-Butylbenzene	12.38	91	151087	23.701	ug/l #	83

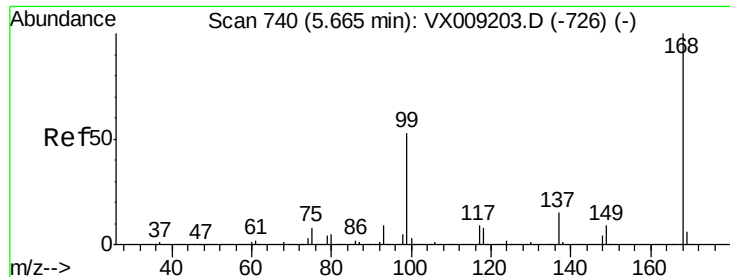
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Quant Time: May 24 04:52:33 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: VX009867.D

Acq: 23 May 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

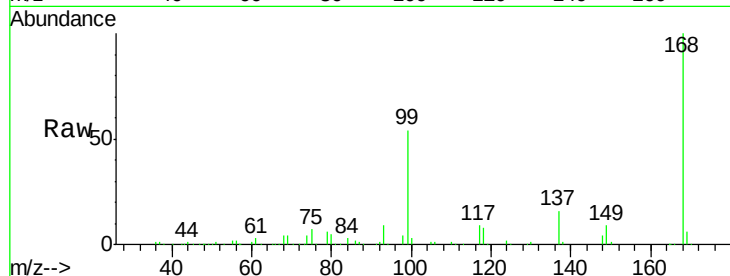
EP1-SB-SBR-3BR(17-20)

Tot Ion:168 Resp: 170779

Ion Ratio Lower Upper

168 100

99 53.6 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

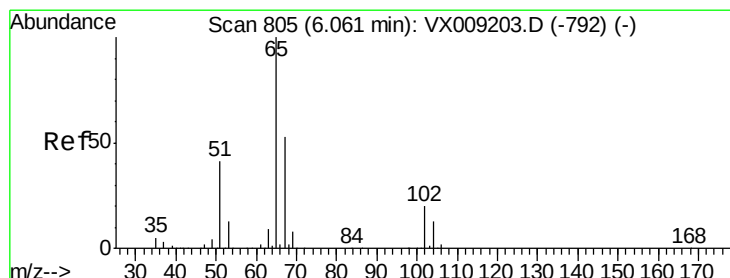
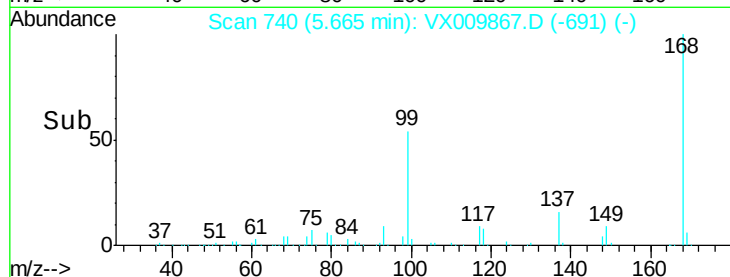
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 50.089 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009867.D

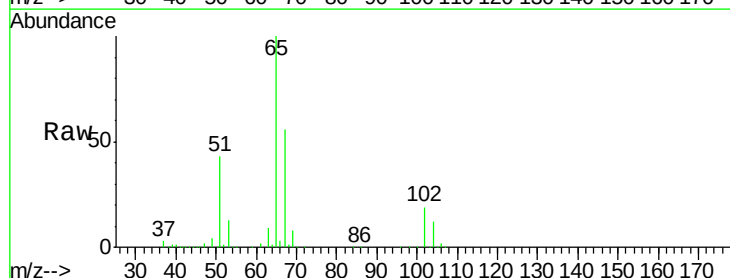
Acq: 23 May 2019 18:38

Tgt Ion: 65 Resp: 116775

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

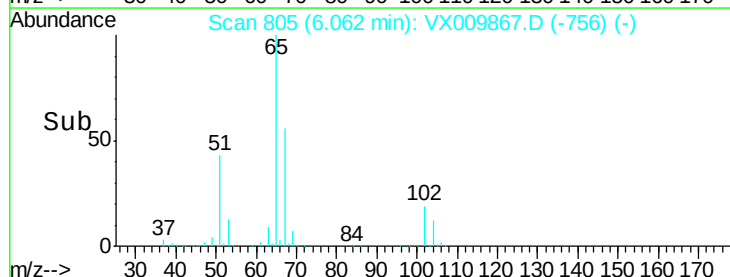
30000

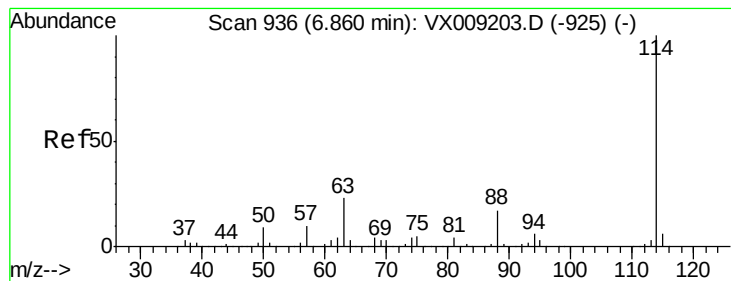
20000

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: VX009867.D

Acq: 23 May 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

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

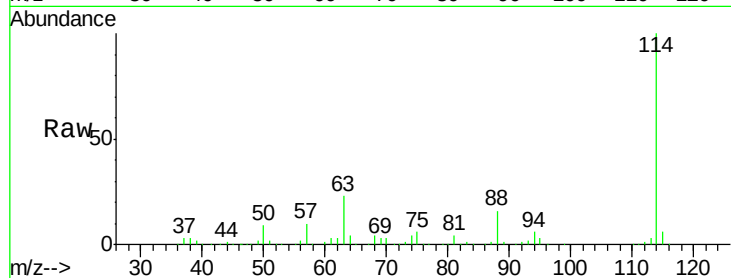
Tot Ion:114 Resp: 274635

Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.6

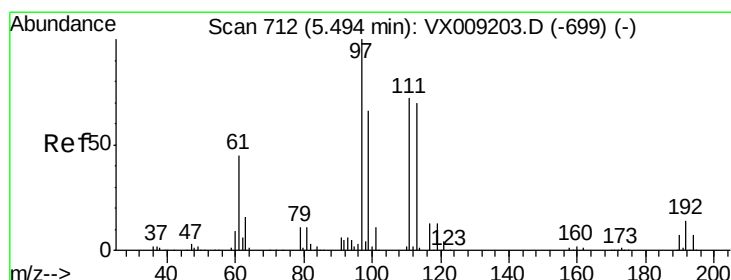
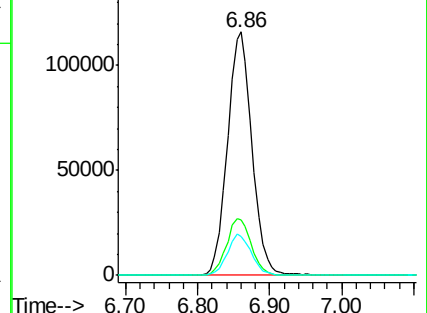
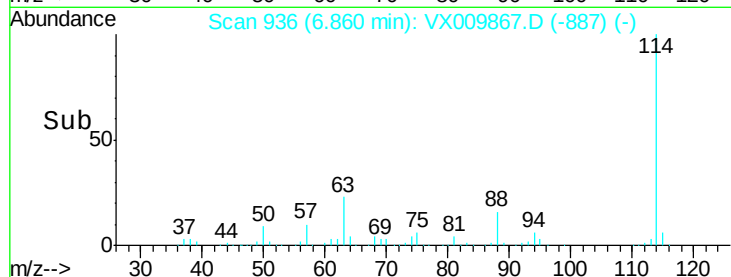
88 16.0 0.0 33.2



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: 48.218 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009867.D

Acq: 23 May 2019 18:38

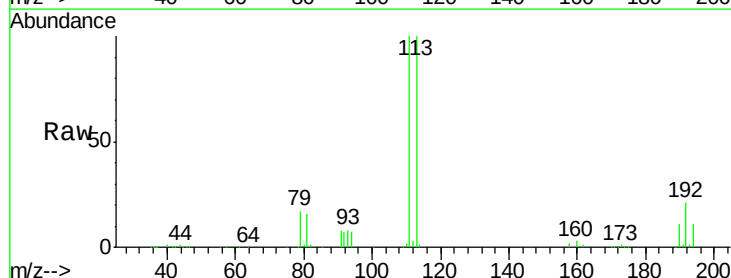
Tgt Ion:113 Resp: 83247

Ion Ratio Lower Upper

113 100

111 102.8 82.8 124.2

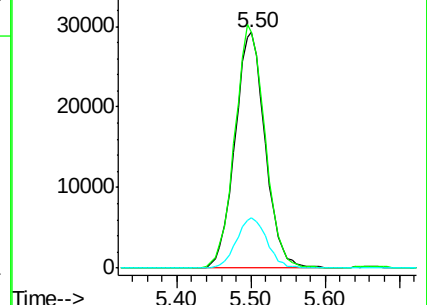
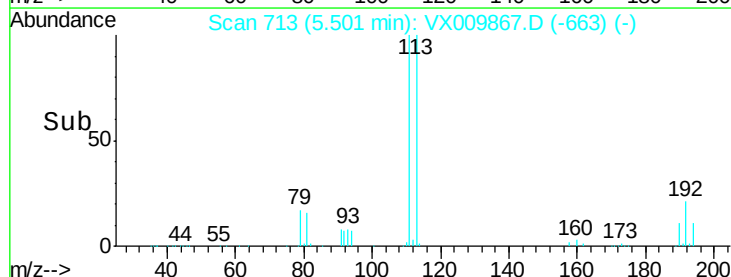
192 21.4 17.0 25.6

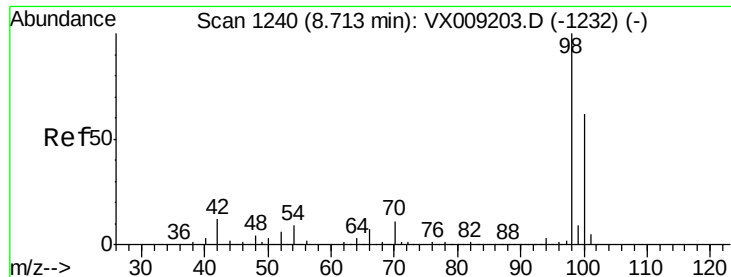


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.831 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009867.D

Acq: 23 May 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

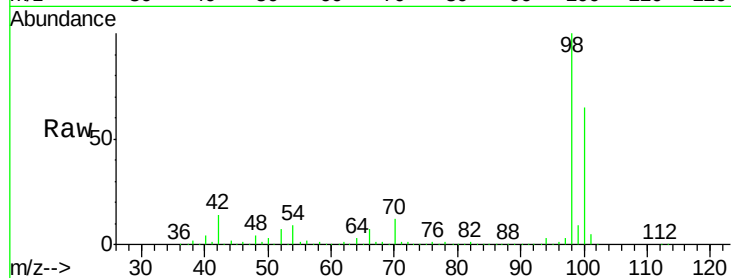
EP1-SB-SBR-3BR(17-20)

Tot Ion: 98 Resp: 354301

Ion Ratio Lower Upper

98 100

100 63.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

250000

200000

150000

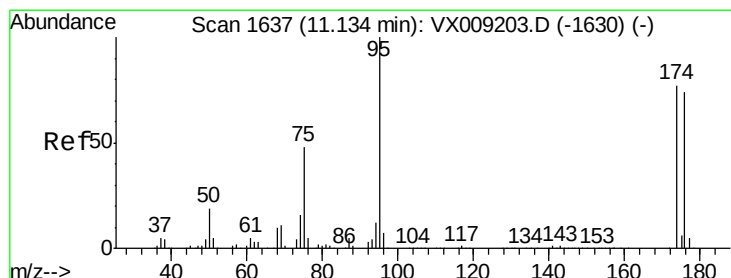
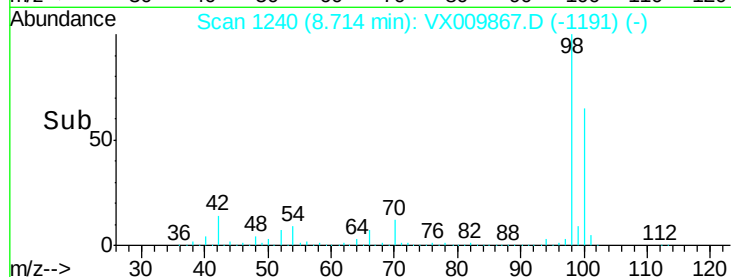
100000

50000

0

8.60 8.70 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 57.155 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009867.D

Acq: 23 May 2019 18:38

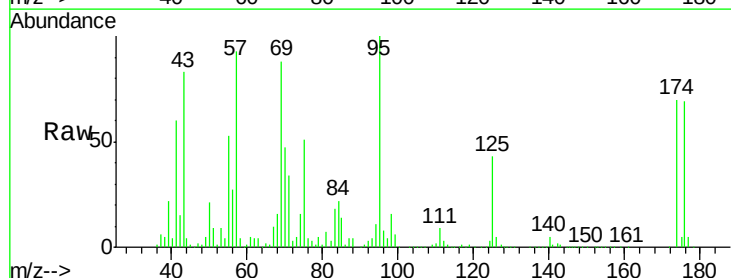
Tgt Ion: 95 Resp: 144756

Ion Ratio Lower Upper

95 100

174 66.5 0.0 161.6

176 65.0 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

120000

100000

80000

60000

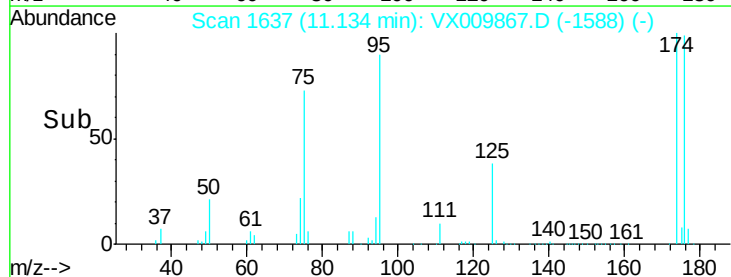
40000

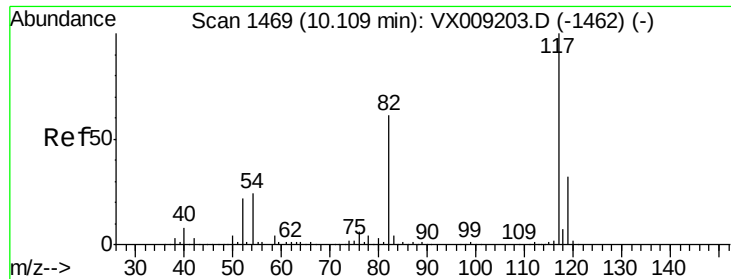
20000

0

11.10 11.15

Time-->

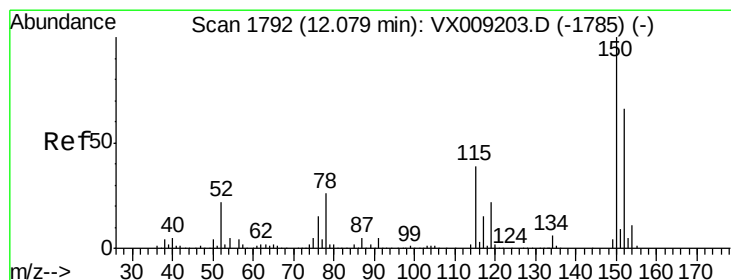
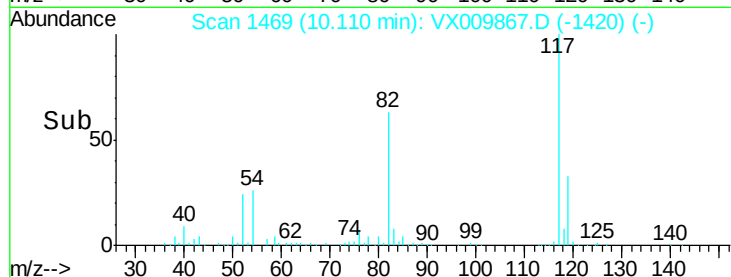
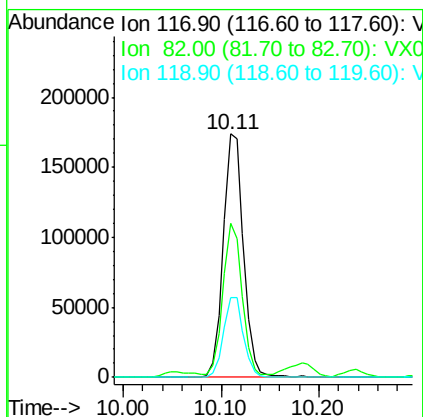
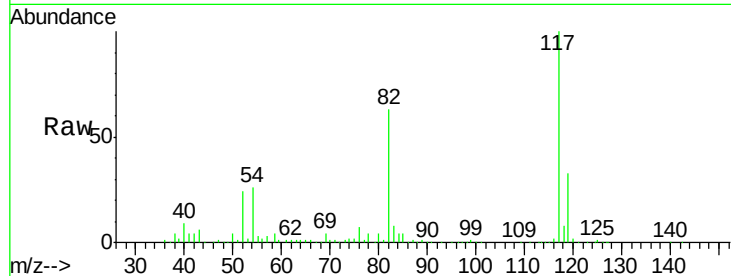




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009867.D
Acq: 23 May 2019 18:38

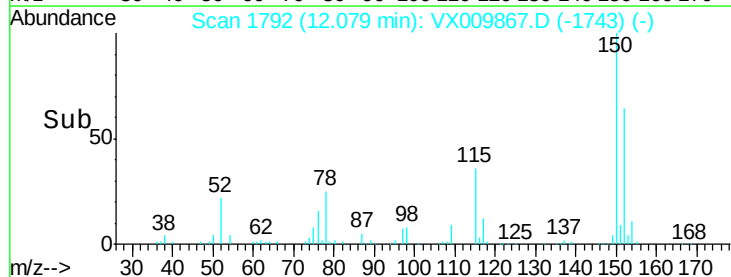
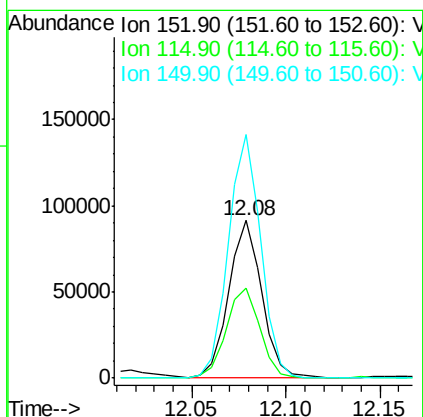
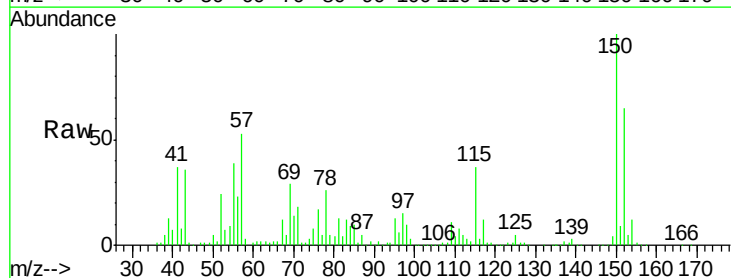
Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-SBR-3BR(17-20)

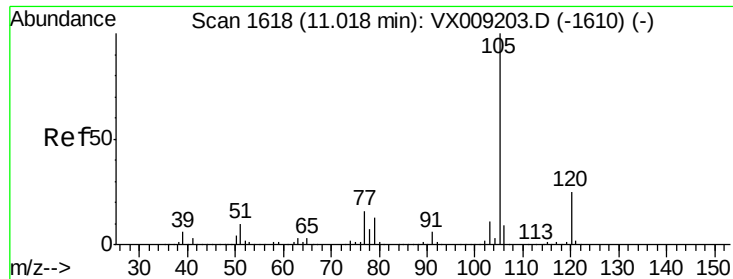
Tot Ion:117 Resp: 249349
Ion Ratio Lower Upper
117 100
82 62.3 48.8 73.2
119 33.0 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009867.D
Acq: 23 May 2019 18:38

Tgt Ion:152 Resp: 111097
Ion Ratio Lower Upper
152 100
115 57.4 41.2 123.6
150 151.5 0.0 346.4





#73

Isopropylbenzene

Concen: 19.567 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009867.D

Acq: 23 May 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

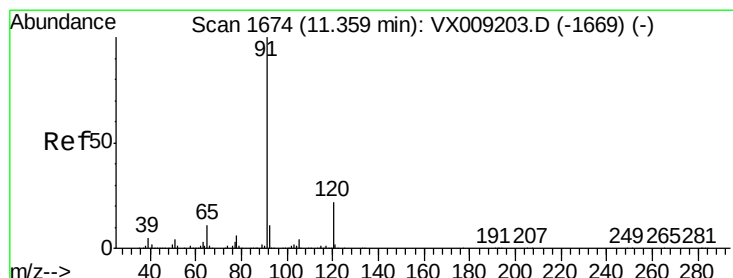
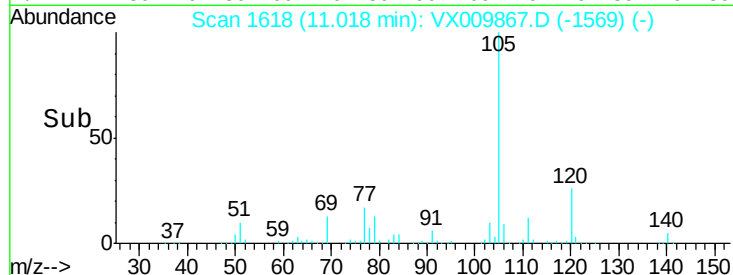
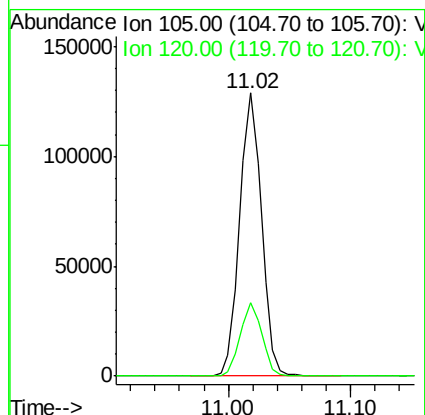
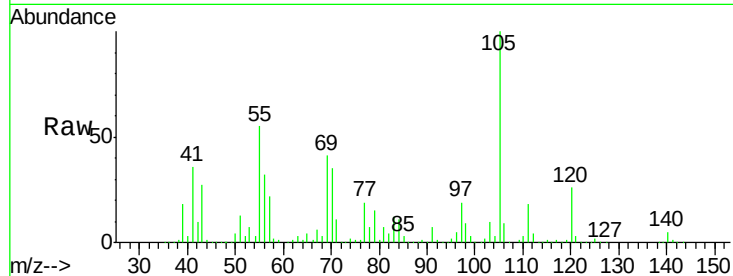
EP1-SB-SBR-3BR(17-20)

Tot Ion:105 Resp: 158082

Ion Ratio Lower Upper

105 100

120 25.9 12.8 38.3



#78

n-propylbenzene

Concen: 30.148 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009867.D

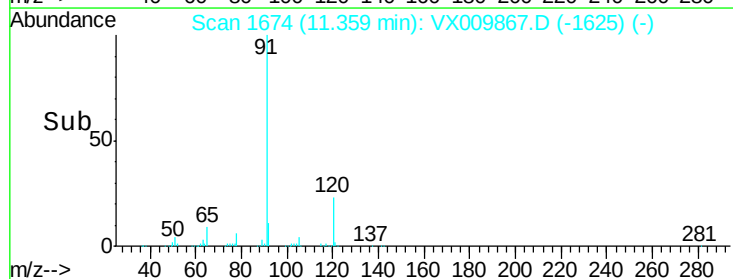
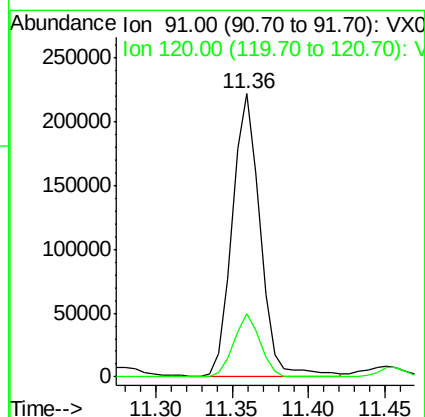
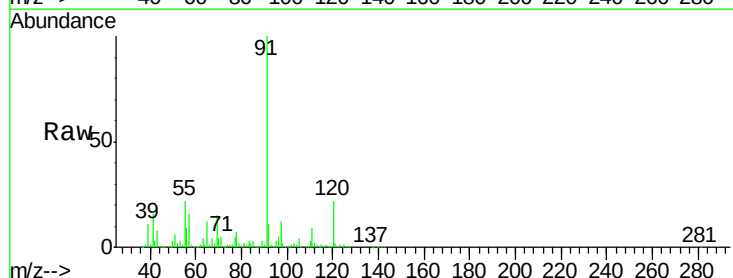
Acq: 23 May 2019 18:38

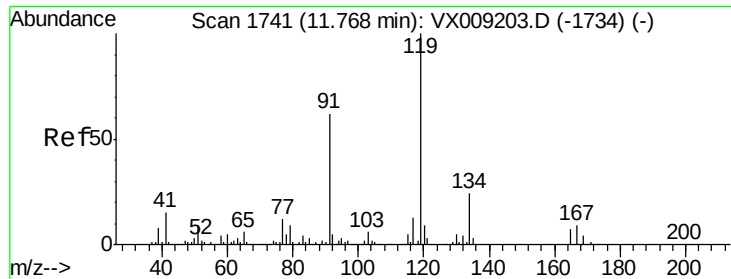
Tgt Ion: 91 Resp: 278159

Ion Ratio Lower Upper

91 100

120 21.2 11.0 33.0





#83

tert-Butylbenzene

Concen: 5.081 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX009867.D

Acq: 23 May 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

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

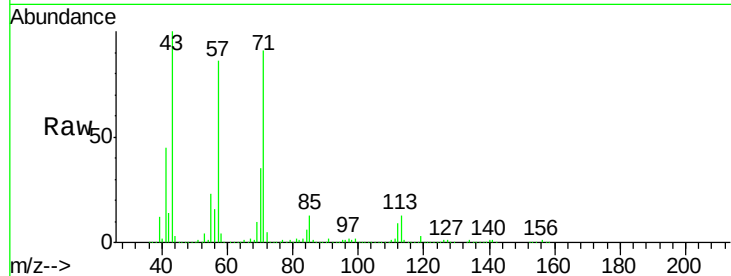
Tot Ion:119 Resp: 33626

Ion Ratio Lower Upper

119 100

91 75.7 29.5 88.5

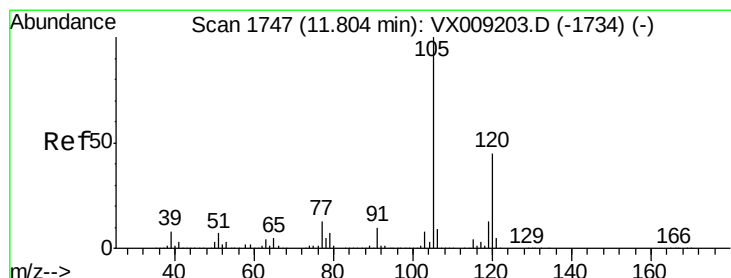
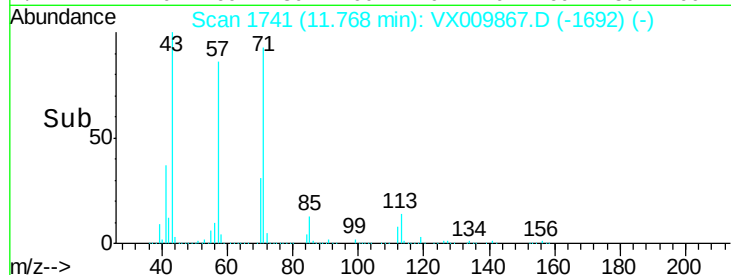
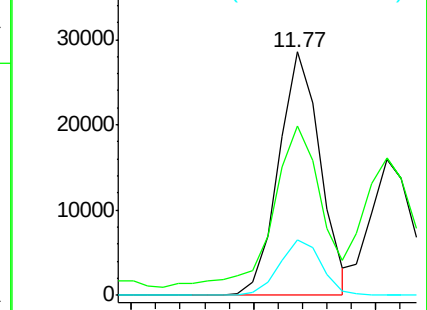
134 23.4 11.4 34.1



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: 22.448 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX009867.D

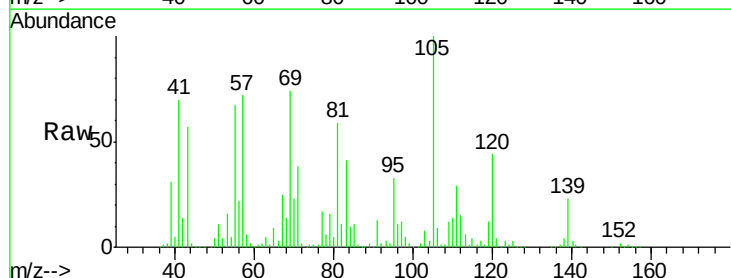
Acq: 23 May 2019 18:38

Tgt Ion:105 Resp: 153272

Ion Ratio Lower Upper

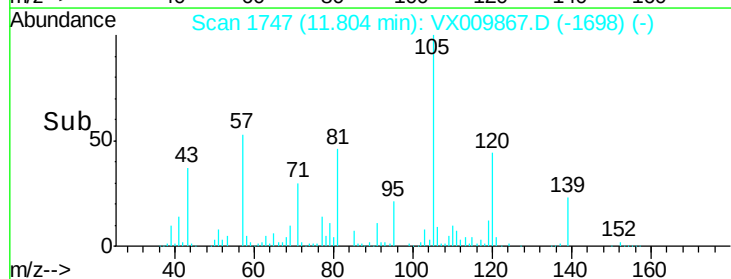
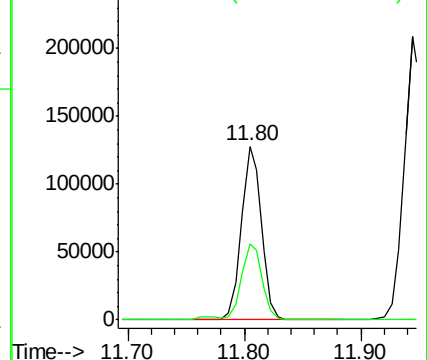
105 100

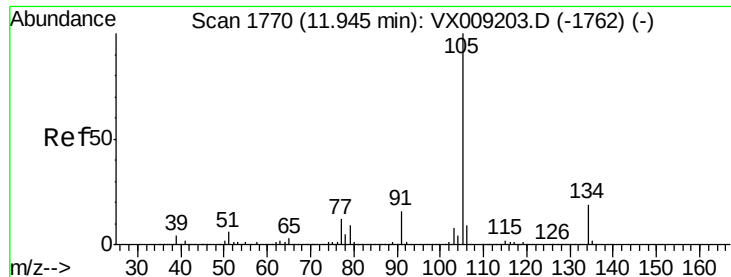
120 44.9 22.0 66.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 31.862 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009867.D

Acq: 23 May 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

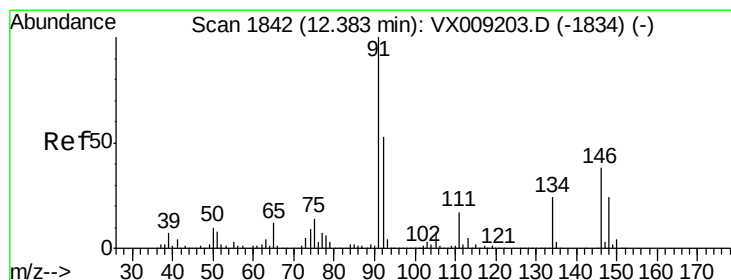
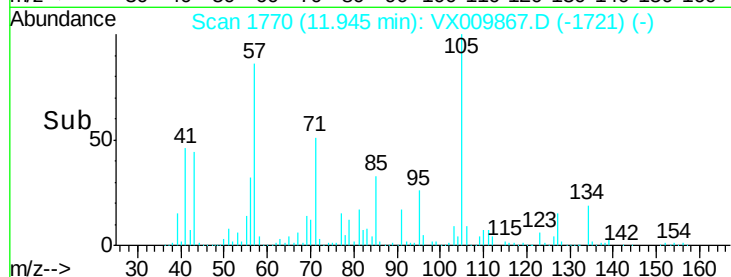
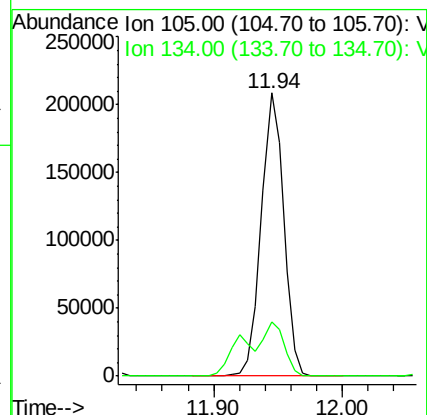
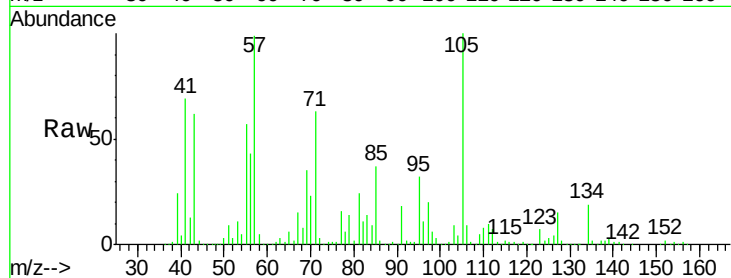
EP1-SB-SBR-3BR(17-20)

Tot Ion:105 Resp: 249969

Ion Ratio Lower Upper

105 100

134 18.1 9.7 28.9



#89

n-Butylbenzene

Concen: 23.701 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX009867.D

Acq: 23 May 2019 18:38

Tgt Ion: 91 Resp: 151087

Ion Ratio Lower Upper

91 100

92 44.9 26.5 79.5

134 38.5 12.4 37.2#

