

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052219\
 Data File : VX009828.D
 Acq On : 23 May 2019 01:41
 Operator : JC/SP
 Sample : K2976-07 50X
 Misc : 6.54g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-E-7R(14-17)

Quant Time: May 23 08:46:26 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

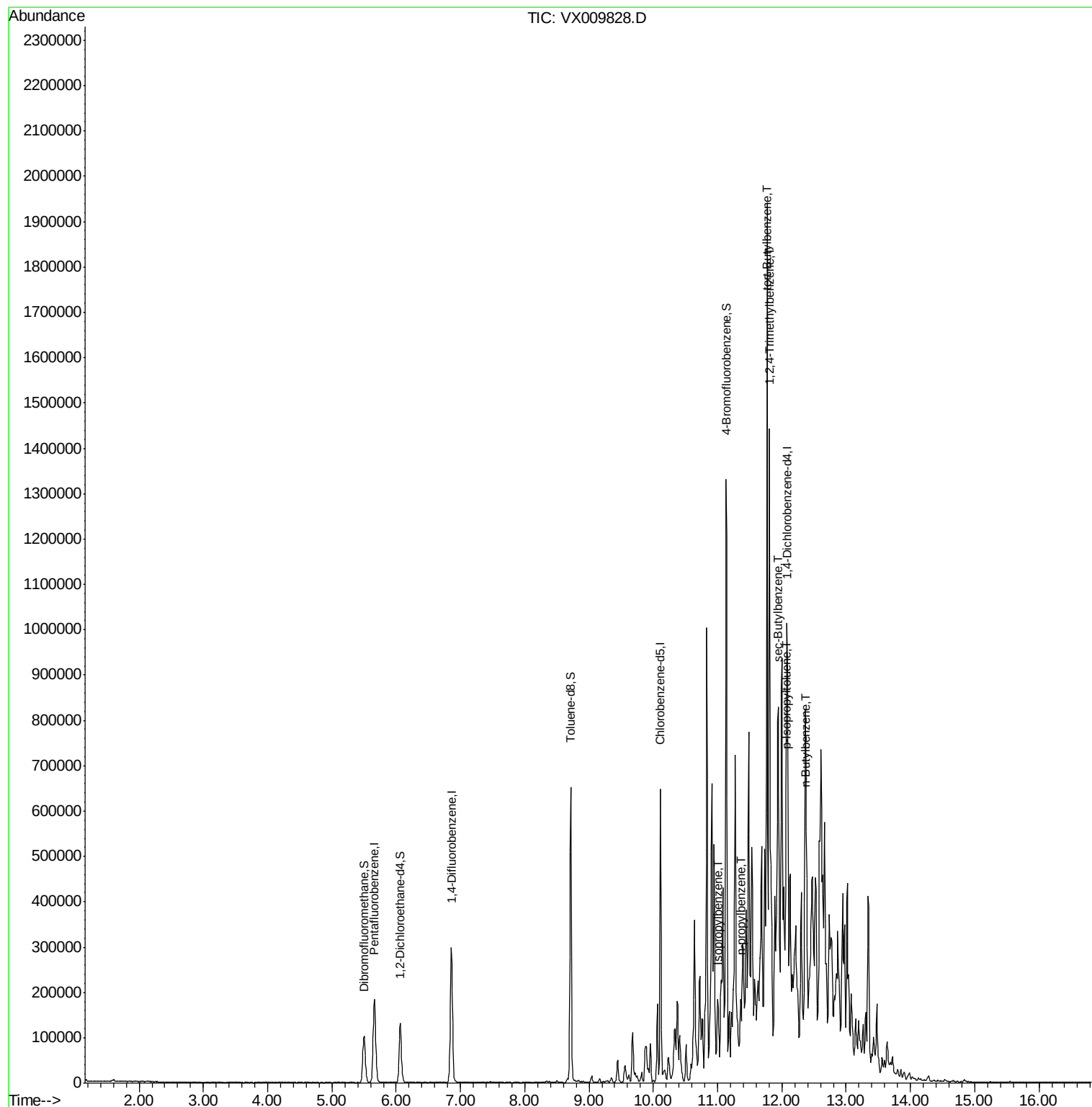
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	176359	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	291471	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	269655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	134877	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	122685	50.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.92%	
35) Dibromofluoromethane	5.50	113	87591	47.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.60%	
50) Toluene-d8	8.71	98	371236	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
62) 4-Bromofluorobenzene	11.13	95	139993	52.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.16%	
Target Compounds						
73) Isopropylbenzene	11.02	105	18779	1.915	ug/l	100
78) n-propylbenzene	11.36	91	63729	5.689	ug/l	100
83) tert-Butylbenzene	11.77	119	10105	1.258	ug/l	83
84) 1,2,4-Trimethylbenzene	11.80	105	441841	53.302	ug/l	98
85) sec-Butylbenzene	11.94	105	76426	8.024	ug/l	96
86) p-Isopropyltoluene	12.06	119	62134	7.256	ug/l	99
89) n-Butylbenzene	12.38	91	97842	12.642	ug/l #	76

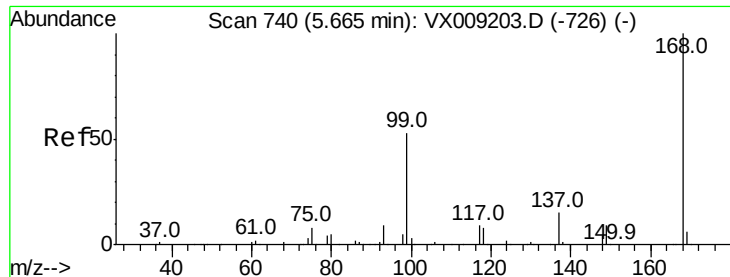
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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EP1-SB-E-7R(14-17)

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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: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009828.D

Acq: 23 May 2019 01:41

Instrument :

MSVOA_X

ClientSampleId :

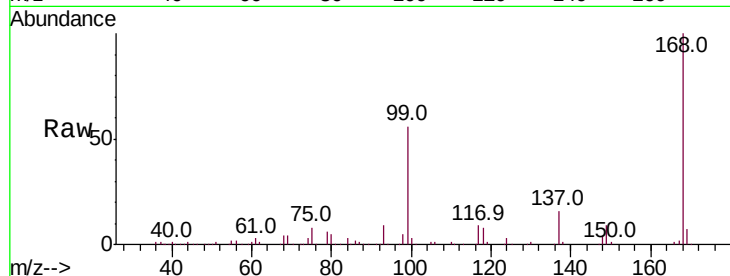
EP1-SB-E-7R(14-17)

Tot Ion:168 Resp: 176359

Ion Ratio Lower Upper

168 100

99 56.1 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

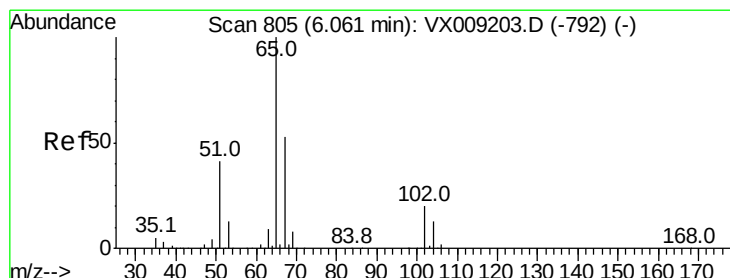
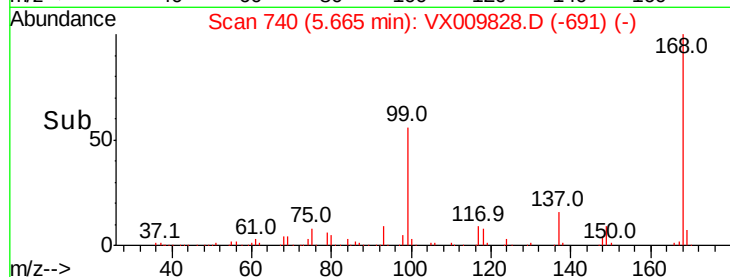
40000

20000

0

Time-->

5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 50.959 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009828.D

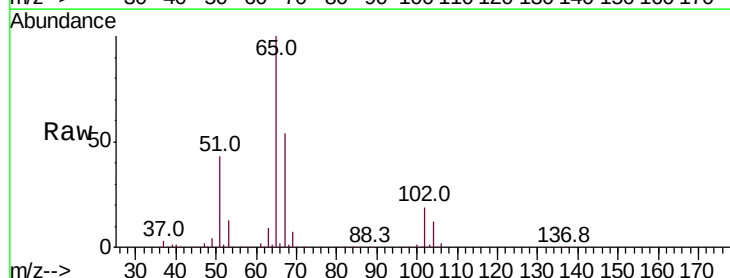
Acq: 23 May 2019 01:41

Tgt Ion: 65 Resp: 122685

Ion Ratio Lower Upper

65 100

67 53.7 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

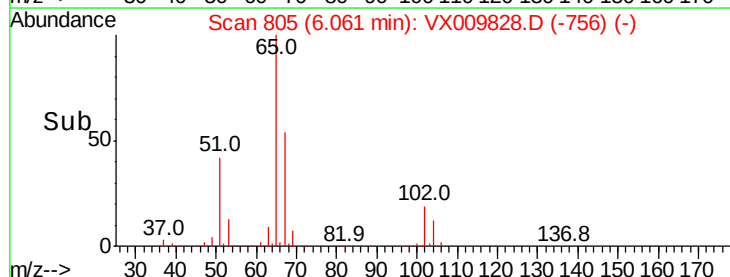
20000

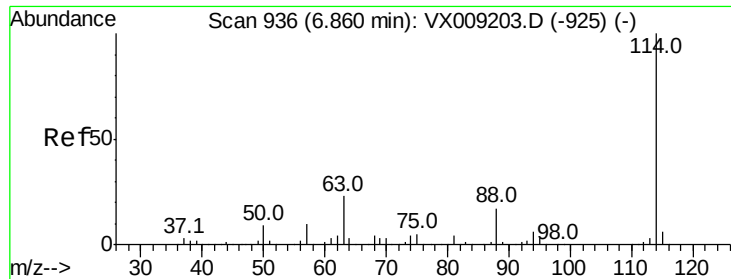
10000

0

Time-->

5.90 6.00 6.10 6.20

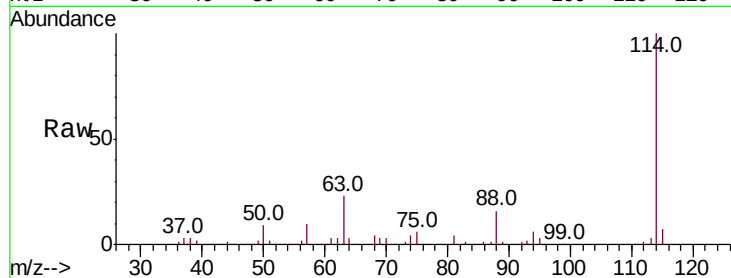




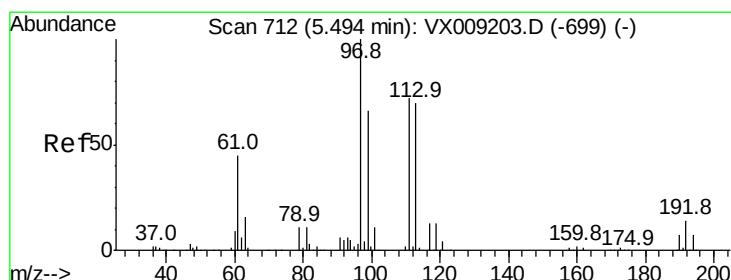
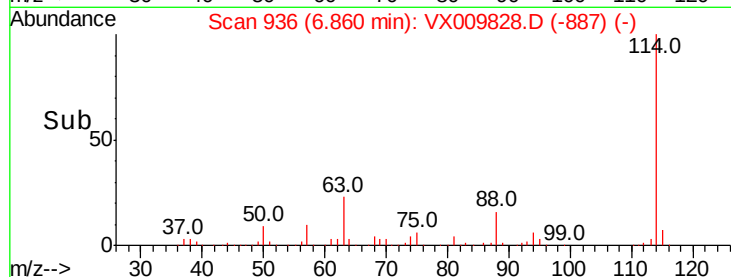
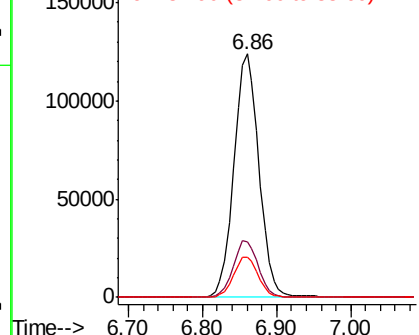
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009828.D
 Acq: 23 May 2019 01:41

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-E-7R(14-17)

Tot Ion:114 Resp: 291471
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 45.6
 88 16.3 0.0 33.2

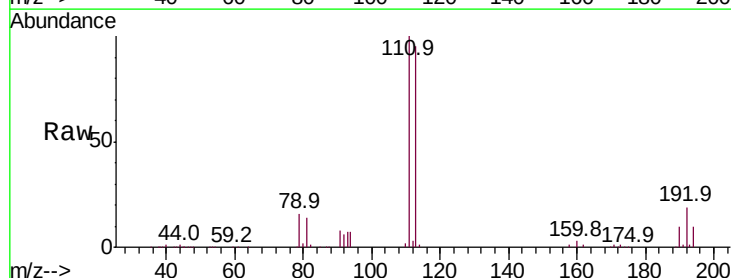


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

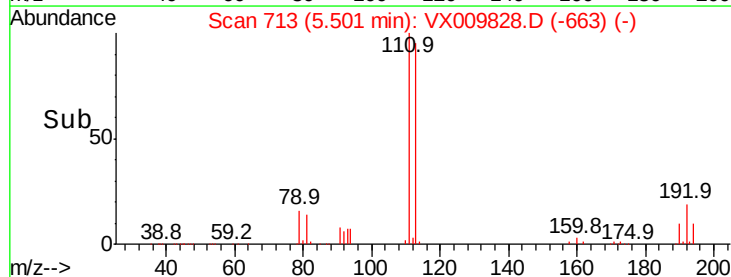
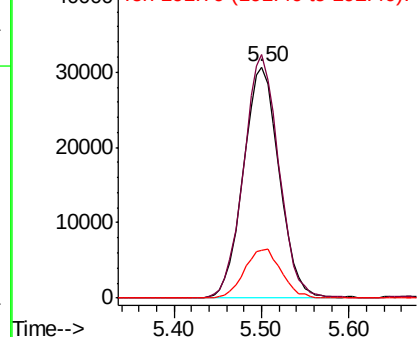


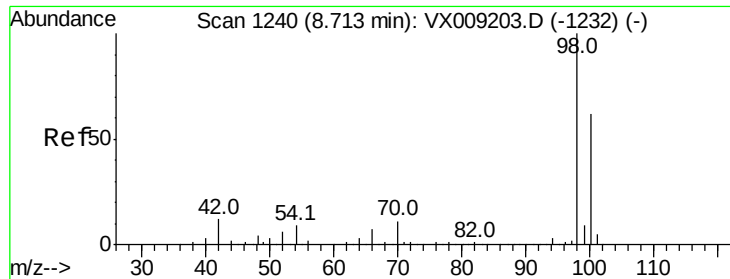
#35
 Dibromofluoromethane
 Concen: 47.804 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009828.D
 Acq: 23 May 2019 01:41

Tgt Ion:113 Resp: 87591
 Ion Ratio Lower Upper
 113 100
 111 103.3 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

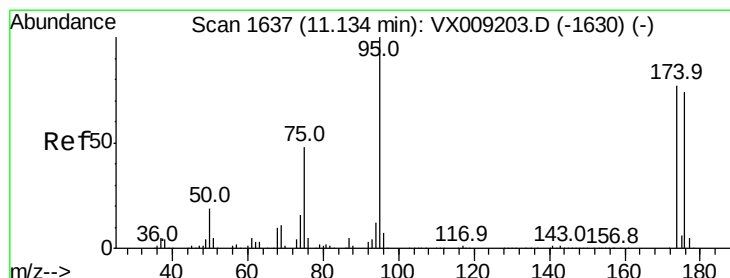
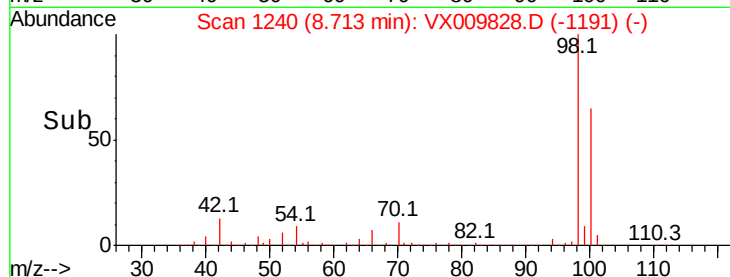
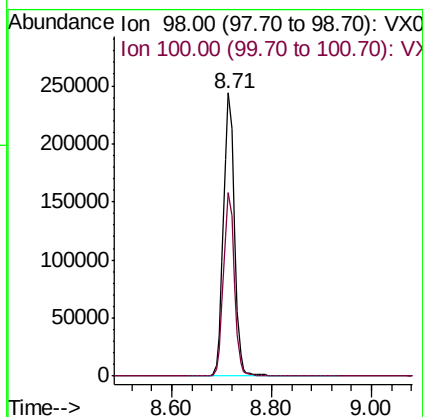
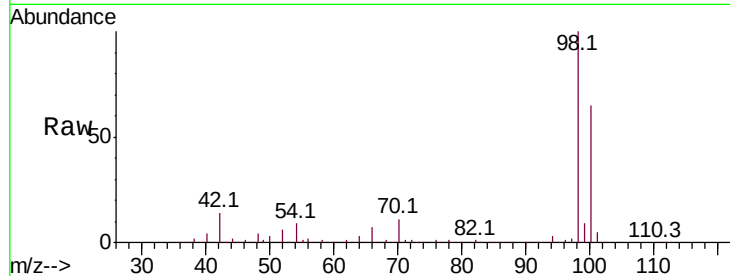




#50
Toluene-d8
Concen: 50.184 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009828.D
Acq: 23 May 2019 01:41

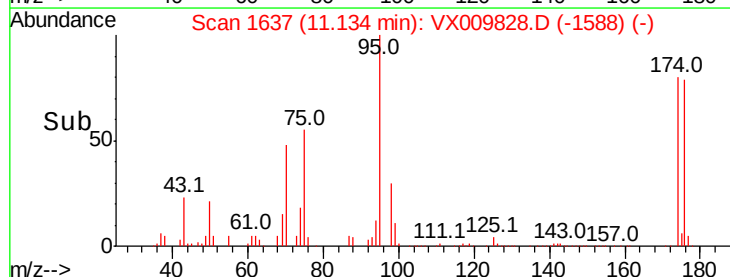
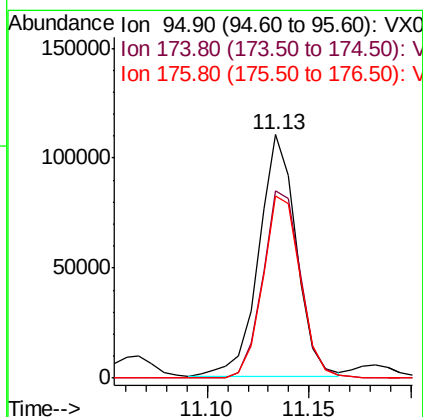
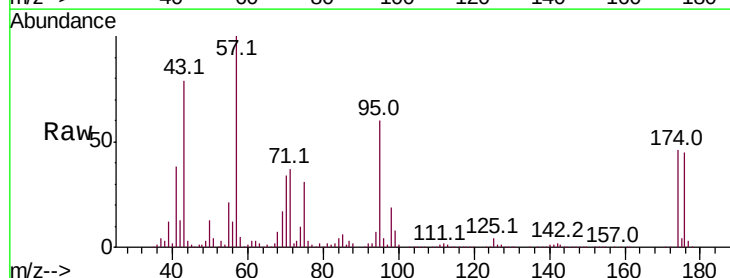
Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-E-7R(14-17)

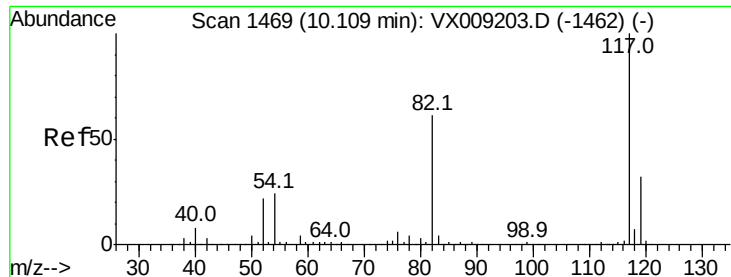
Tot Ion: 98 Resp: 371236
Ion Ratio Lower Upper
98 100
100 64.0 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 52.082 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009828.D
Acq: 23 May 2019 01:41

Tgt Ion: 95 Resp: 139993
Ion Ratio Lower Upper
95 100
174 78.8 0.0 161.6
176 76.7 0.0 159.2

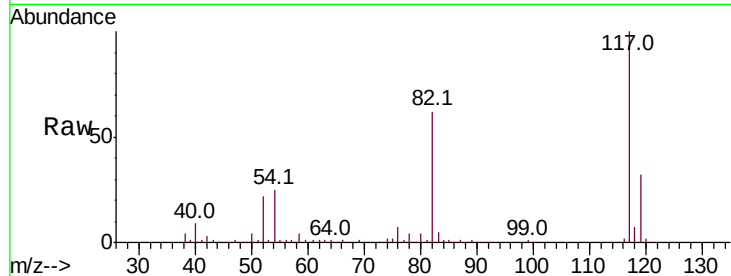




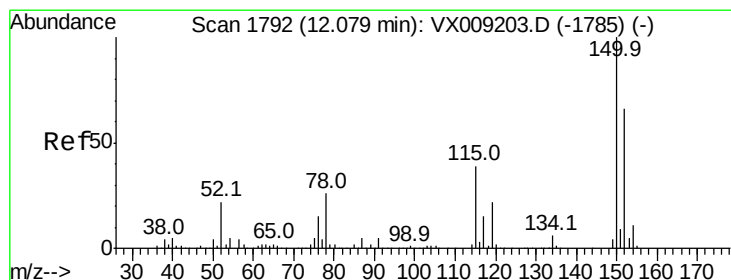
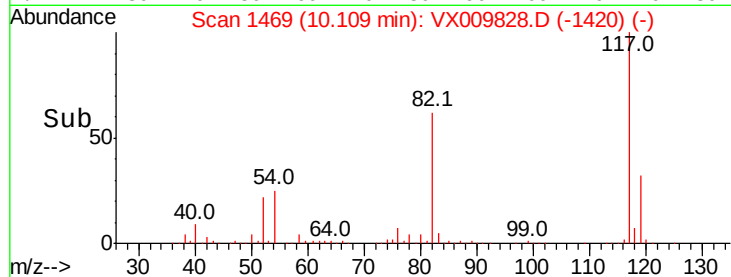
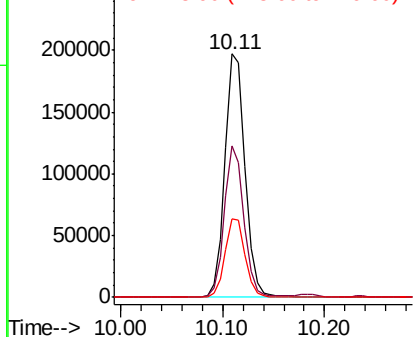
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009828.D
Acq: 23 May 2019 01:41

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-E-7R(14-17)

Tot Ion:117 Resp: 269655
Ion Ratio Lower Upper
117 100
82 62.1 48.8 73.2
119 32.3 25.8 38.6

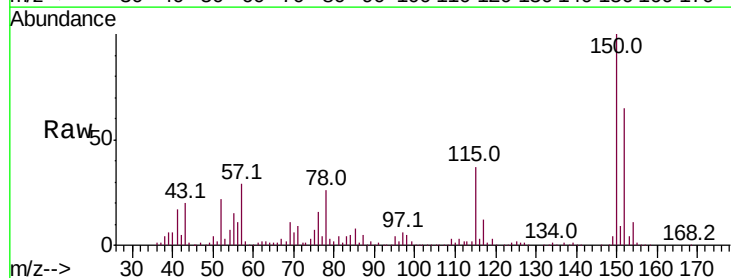


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

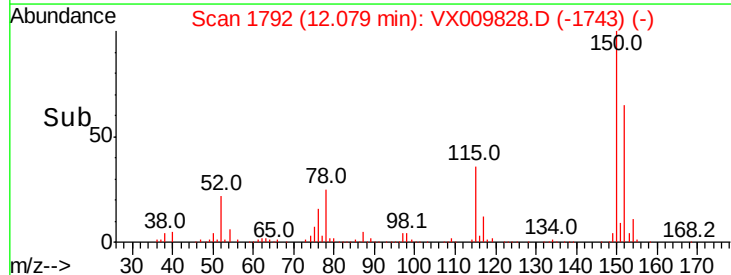
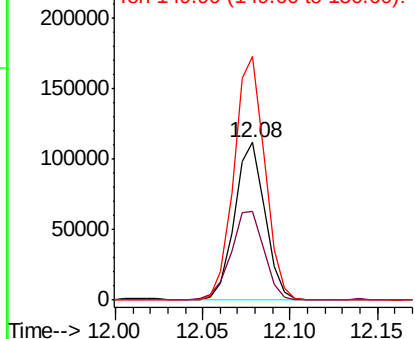


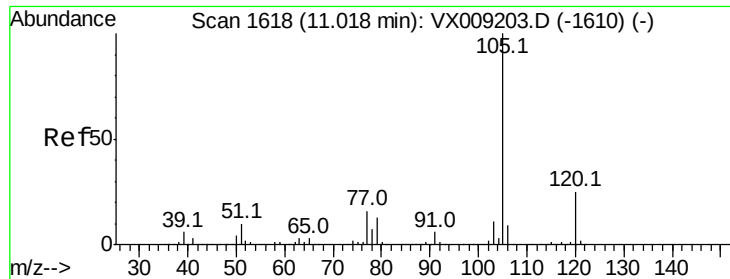
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009828.D
Acq: 23 May 2019 01:41

Tgt Ion:152 Resp: 134877
Ion Ratio Lower Upper
152 100
115 61.3 41.2 123.6
150 157.1 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: 1.915 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009828.D

Acq: 23 May 2019 01:41

Instrument :

MSVOA_X

ClientSampleId :

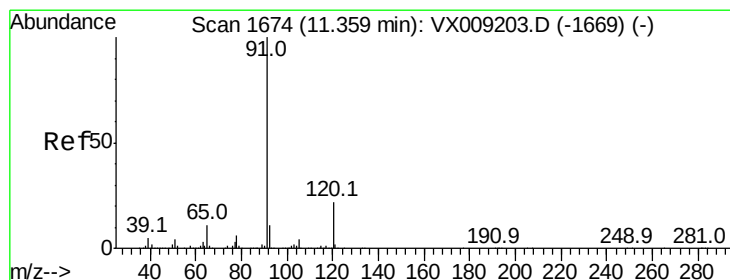
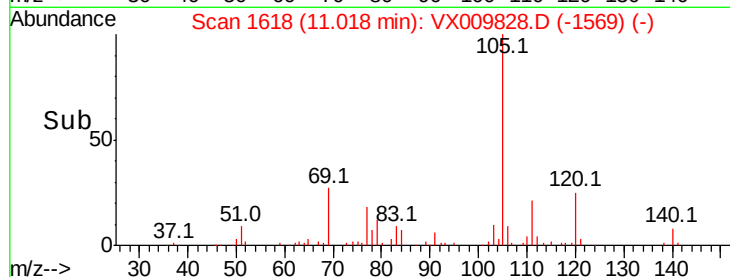
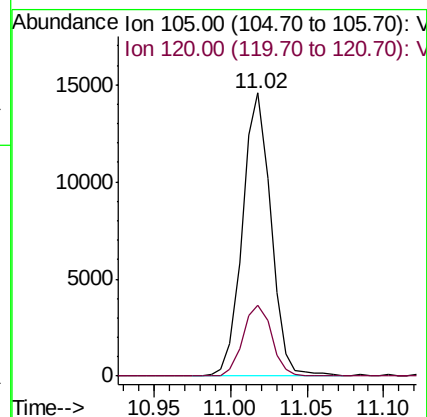
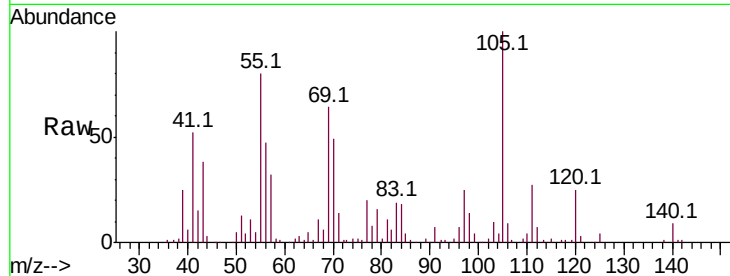
EP1-SB-E-7R(14-17)

Tot Ion:105 Resp: 18779

Ion Ratio Lower Upper

105 100

120 25.4 12.8 38.3



#78

n-propylbenzene

Concen: 5.689 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009828.D

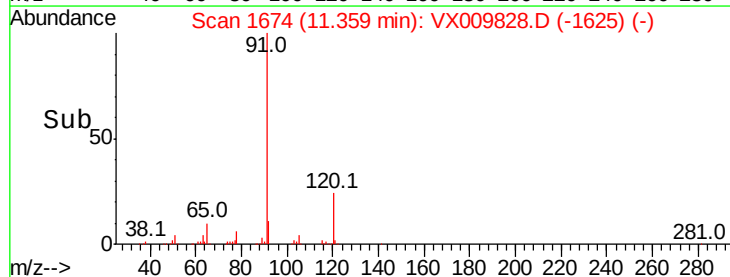
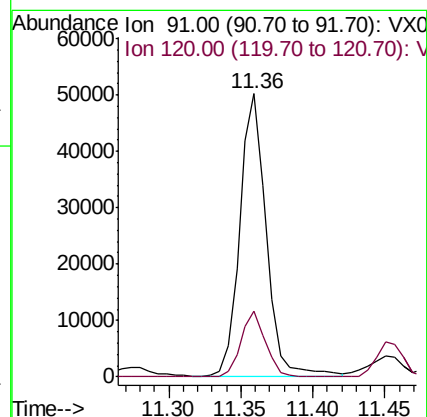
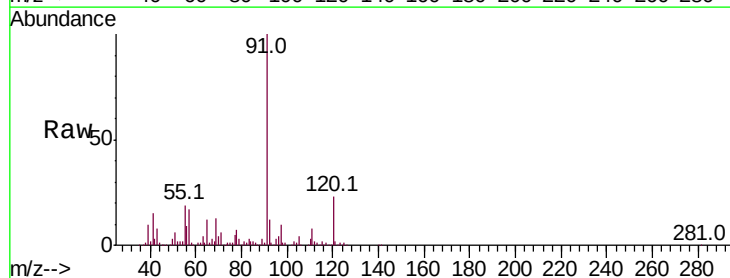
Acq: 23 May 2019 01:41

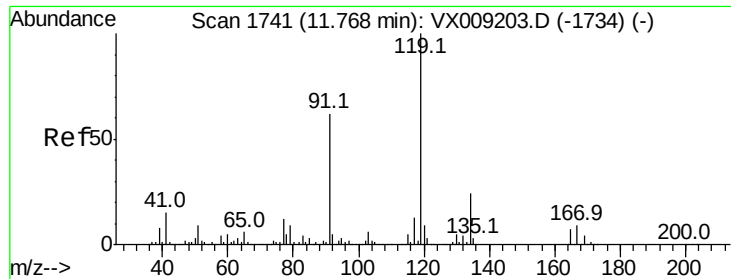
Tgt Ion: 91 Resp: 63729

Ion Ratio Lower Upper

91 100

120 21.8 11.0 33.0





#83

tert-Butylbenzene

Concen: 1.258 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX009828.D

Acq: 23 May 2019 01:41

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-E-7R(14-17)

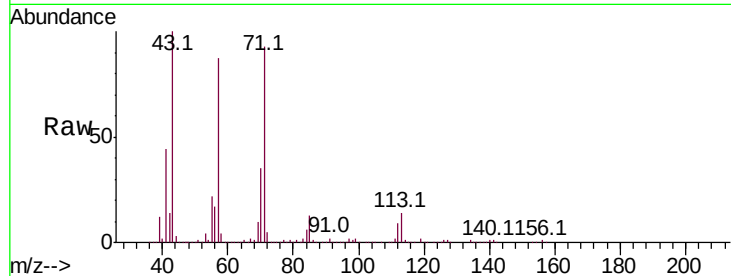
Tot Ion:119 Resp: 10105

Ion Ratio Lower Upper

119 100

91 75.1 29.5 88.5

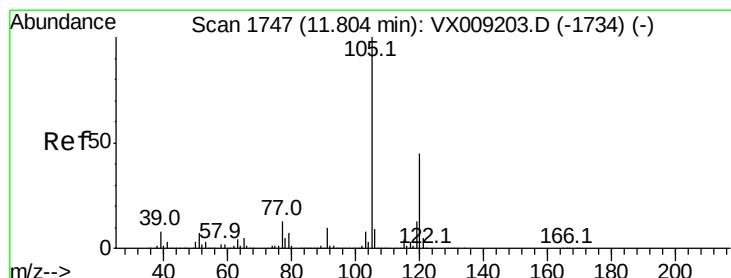
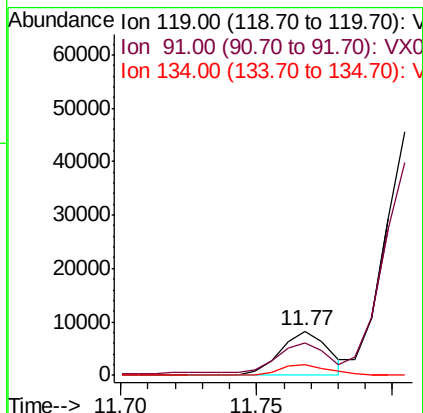
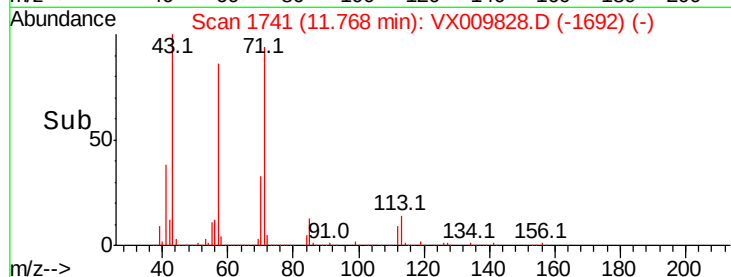
134 25.3 11.4 34.1



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: 53.302 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX009828.D

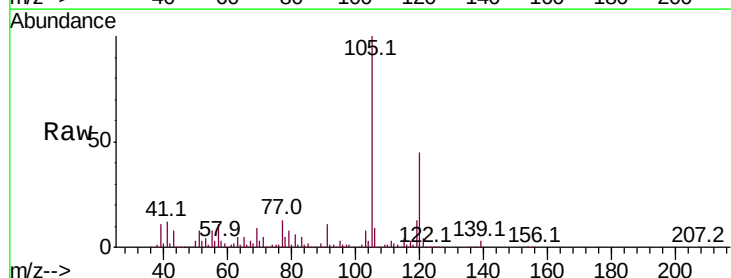
Acq: 23 May 2019 01:41

Tgt Ion:105 Resp: 441841

Ion Ratio Lower Upper

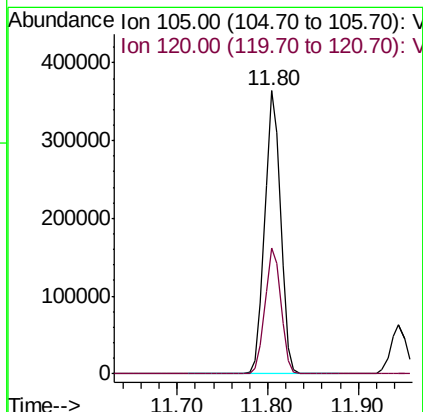
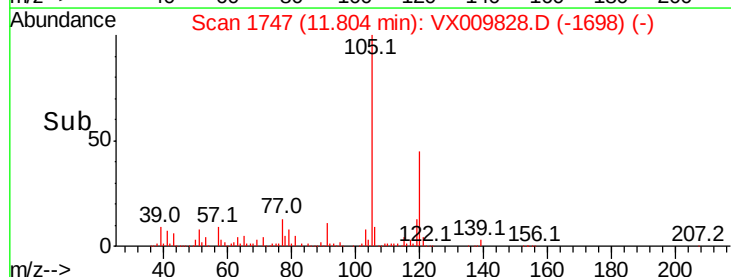
105 100

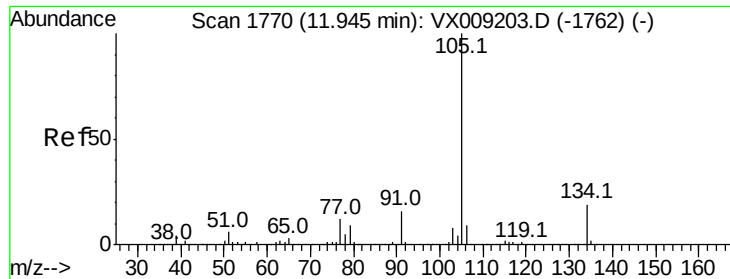
120 45.0 22.0 66.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 8.024 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009828.D

Acq: 23 May 2019 01:41

Instrument :

MSVOA_X

ClientSampleId :

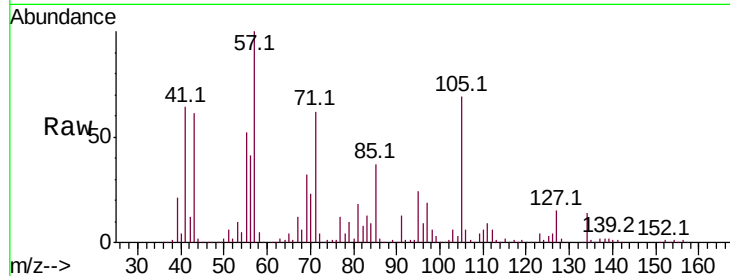
EP1-SB-E-7R(14-17)

Tot Ion:105 Resp: 76426

Ion Ratio Lower Upper

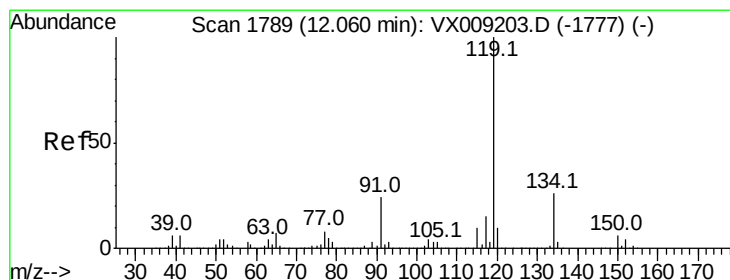
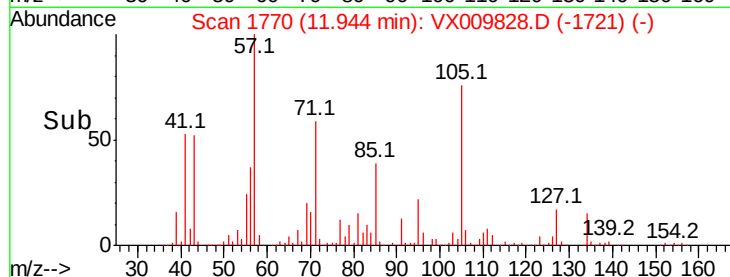
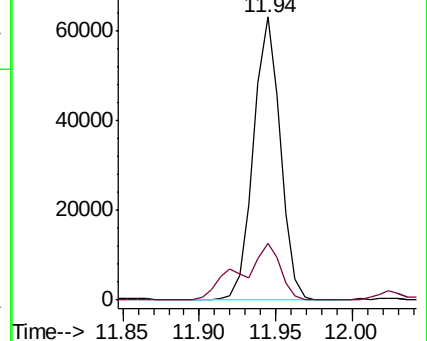
105 100

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: 7.256 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009828.D

Acq: 23 May 2019 01:41

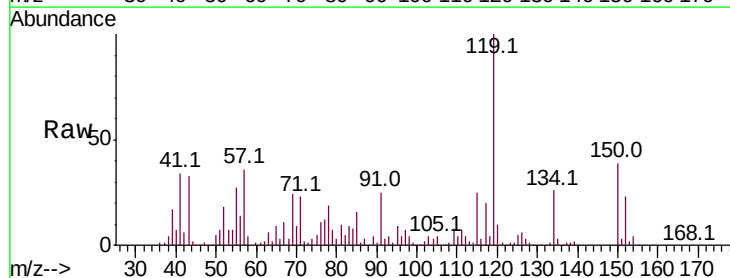
Tgt Ion:119 Resp: 62134

Ion Ratio Lower Upper

119 100

134 25.3 12.9 38.7

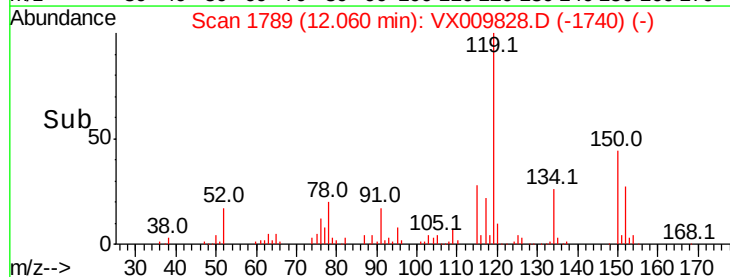
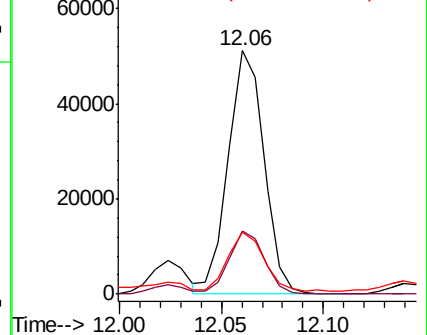
91 24.2 11.8 35.4

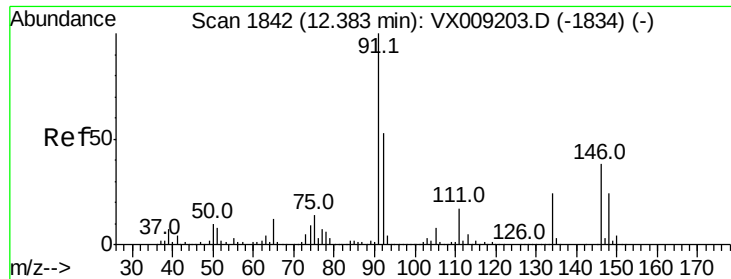


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#89

n-Butylbenzene

Concen: 12.642 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX009828.D

Acq: 23 May 2019 01:41

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-E-7R(14-17)

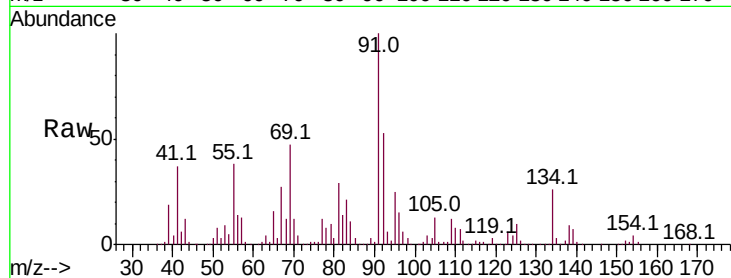
Tot Ion: 91 Resp: 97842

Ion Ratio Lower Upper

91 100

92 46.2 26.5 79.5

134 52.4 12.4 37.2#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

