

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX052319\
 Data File : VX009865.D
 Acq On : 23 May 2019 17:51
 Operator : JC/SP
 Sample : K2976-16DL 250X
 Misc : 6.04g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-MW-IR(17-20)DL

Quant Time: May 31 23:01:15 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

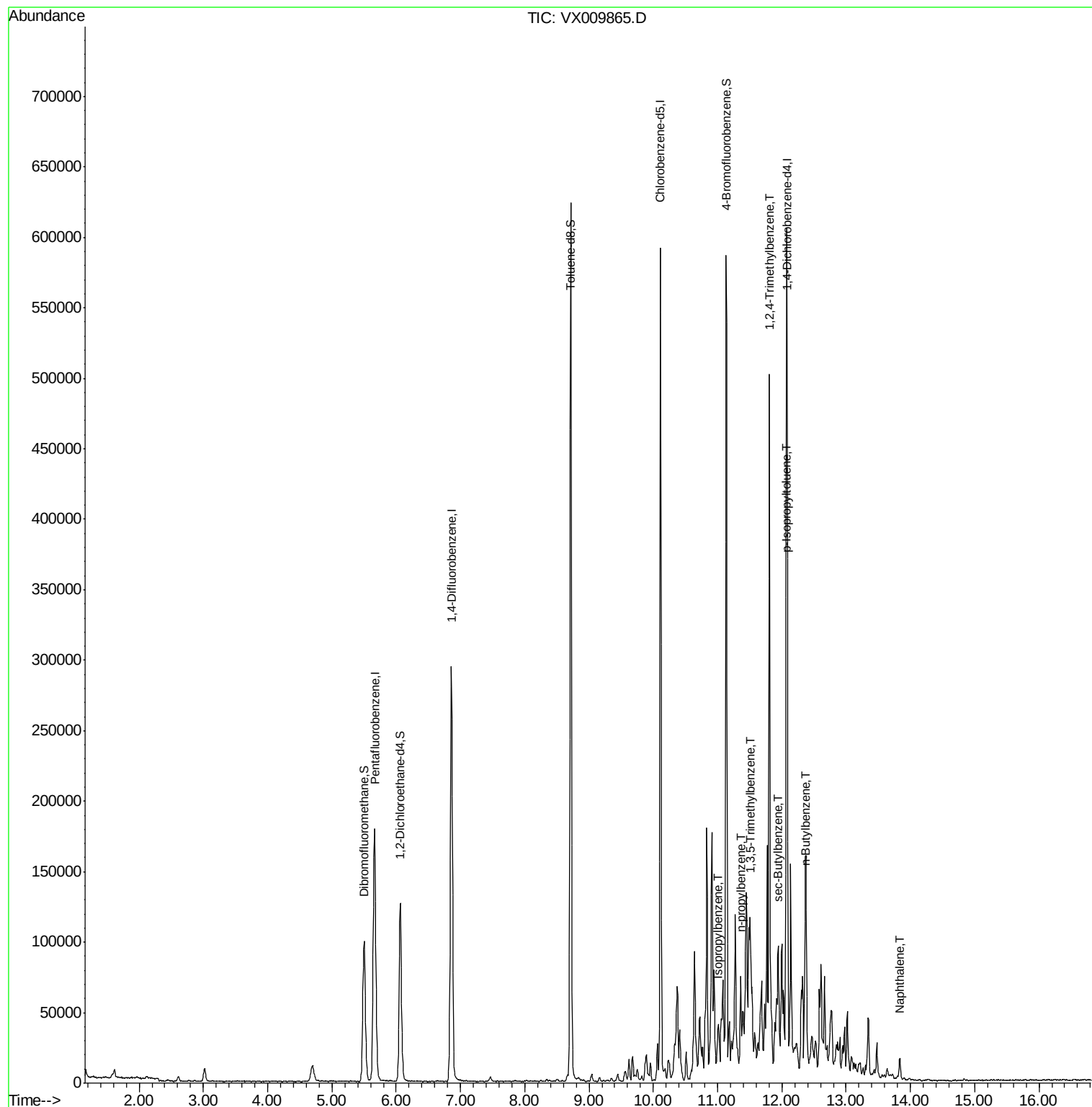
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	174425	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	281263	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	255355	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	116243	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	119417	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
35) Dibromofluoromethane	5.50	113	84480	47.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.56%	
50) Toluene-d8	8.71	98	356461	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.88%	
62) 4-Bromofluorobenzene	11.13	95	128730	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.26%	
Target Compounds						
					Qvalue	
73) Isopropylbenzene	11.02	105	11843	1.401	ug/l	100
78) n-propylbenzene	11.36	91	35701	3.698	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	34748	4.882	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	186173	26.059	ug/l	100
85) sec-Butylbenzene	11.94	105	19749	2.406	ug/l	100
86) p-Isopropyltoluene	12.06	119	20018	2.713	ug/l	97
89) n-Butylbenzene	12.38	91	22524	3.377	ug/l #	52
95) Naphthalene	13.83	128	9431	1.113	ug/l	97

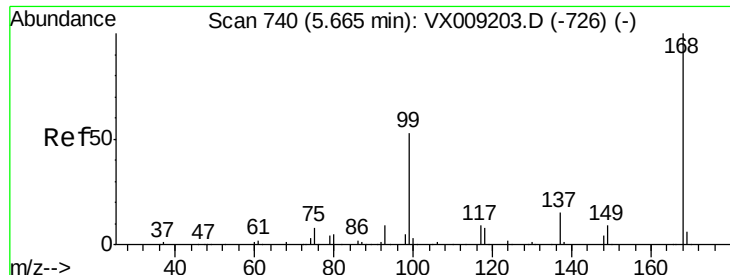
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX052319\
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EP1-SB-MW-IR(17-20)DL

Quant Time: May 31 23:01:15 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009865.D

Acq: 23 May 2019 17:51

Instrument :

MSVOA_X

ClientSampleId :

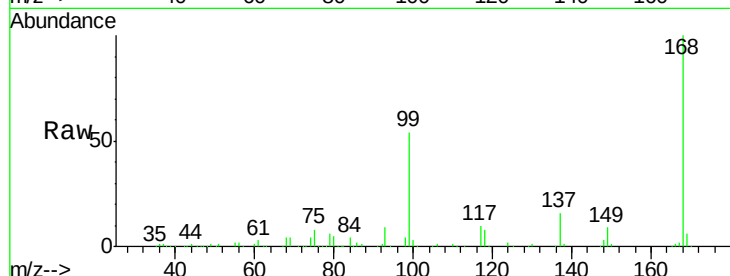
EP1-SB-MW-IR(17-20)DL

Tot Ion:168 Resp: 174425

Ion Ratio Lower Upper

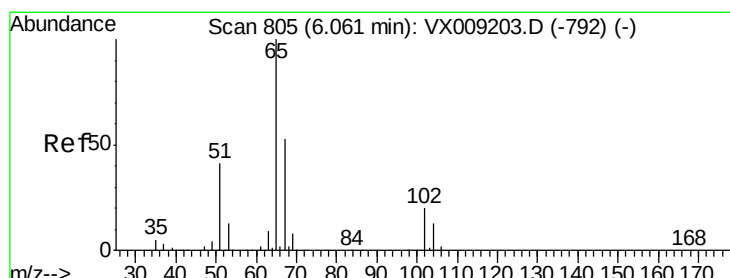
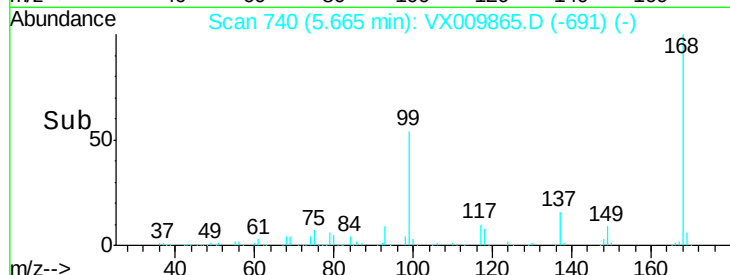
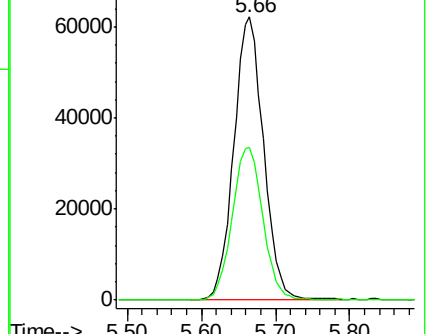
168 100

99 53.9 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: 50.152 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009865.D

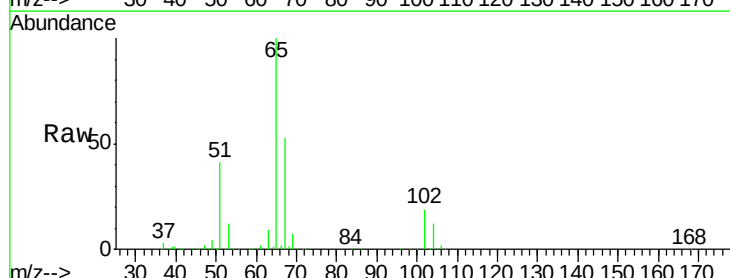
Acq: 23 May 2019 17:51

Tgt Ion: 65 Resp: 119417

Ion Ratio Lower Upper

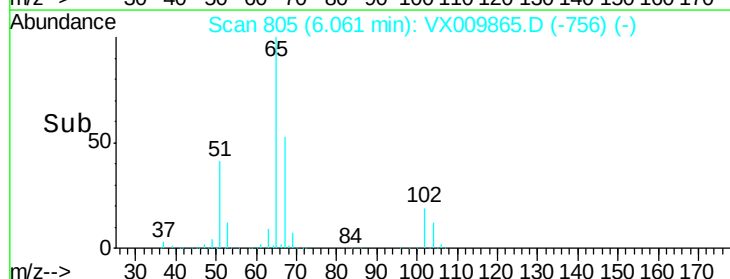
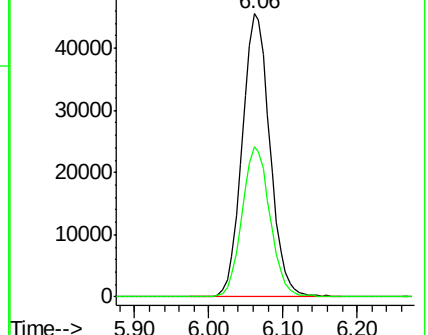
65 100

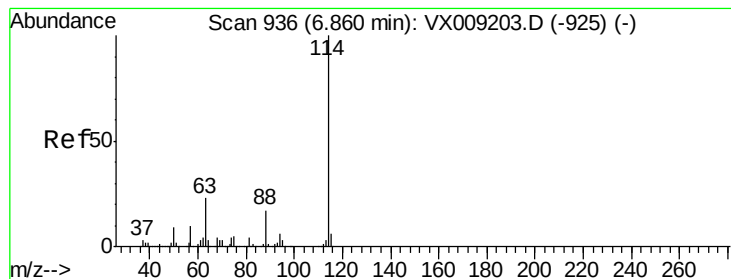
67 53.3 0.0 106.6



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: VX009865.D

Acq: 23 May 2019 17:51

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-MW-IR(17-20)DL

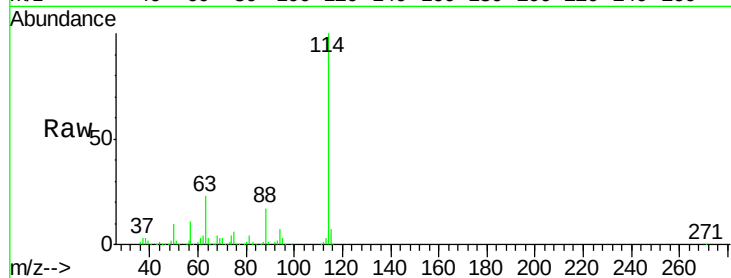
Tot Ion:114 Resp: 281263

Ion Ratio Lower Upper

114 100

63 23.3 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

150000

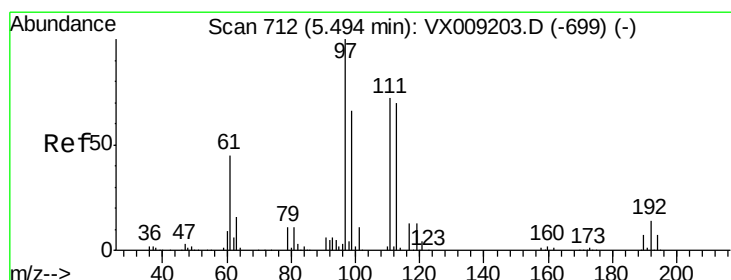
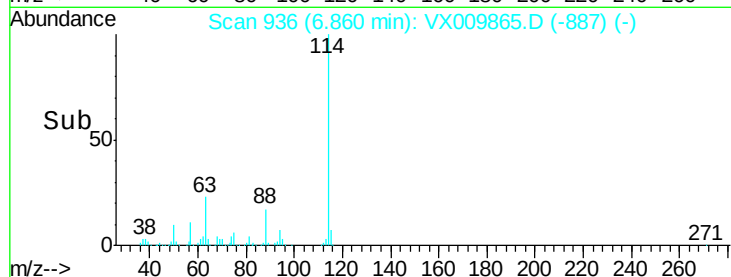
100000

50000

0

6.86

6.70 6.80 6.90 7.00



#35

Dibromofluoromethane

Concen: 47.779 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009865.D

Acq: 23 May 2019 17:51

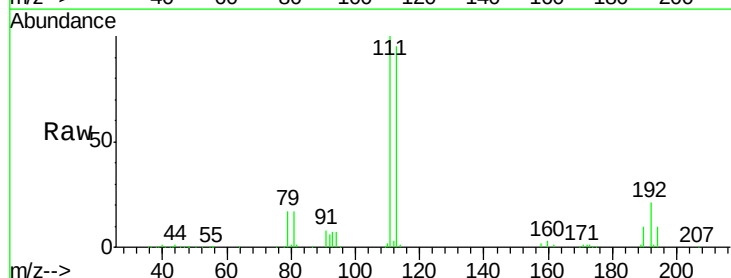
Tgt Ion:113 Resp: 84480

Ion Ratio Lower Upper

113 100

111 103.7 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

40000

30000

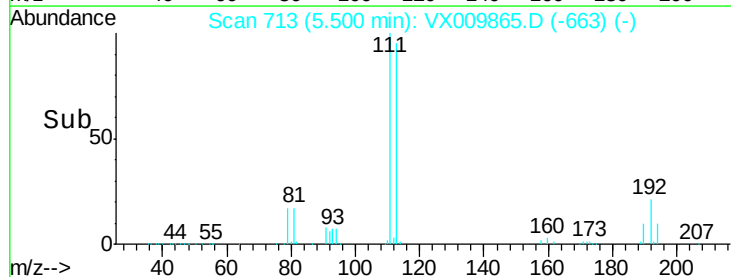
20000

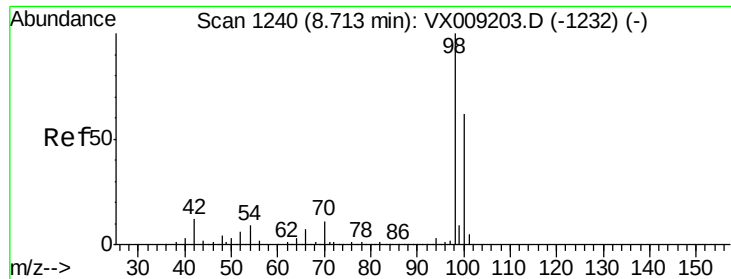
10000

0

5.50

5.40 5.50 5.60





#50

Toluene-d8

Concen: 49.936 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009865.D

Acq: 23 May 2019 17:51

Instrument :

MSVOA_X

ClientSampleId :

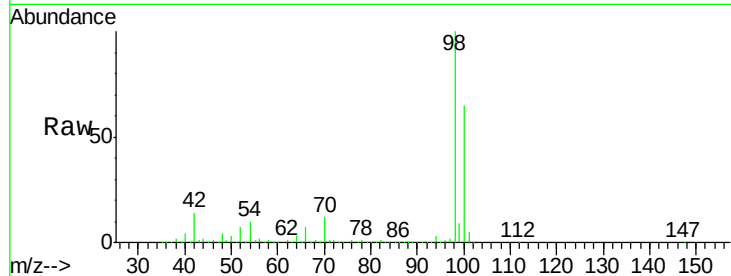
EP1-SB-MW-IR(17-20)DL

Tot Ion: 98 Resp: 356461

Ion Ratio Lower Upper

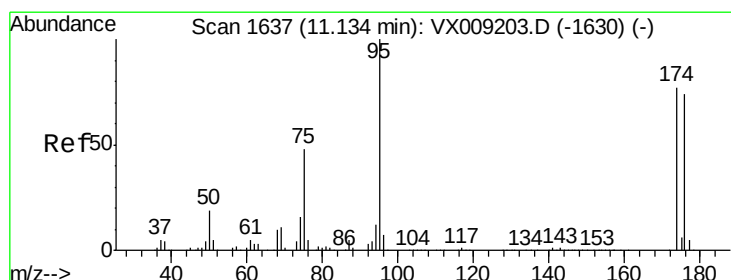
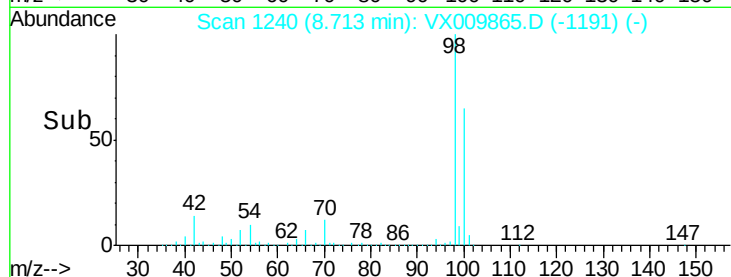
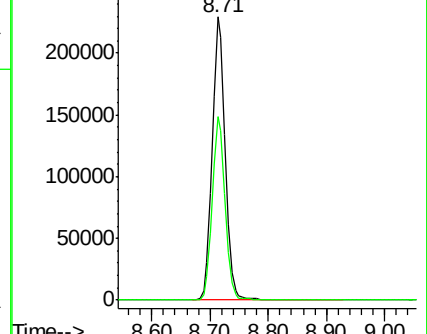
98 100

100 64.4 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: 49.630 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009865.D

Acq: 23 May 2019 17:51

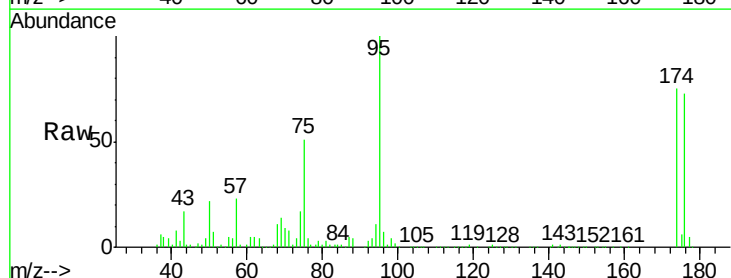
Tgt Ion: 95 Resp: 128730

Ion Ratio Lower Upper

95 100

174 80.0 0.0 161.6

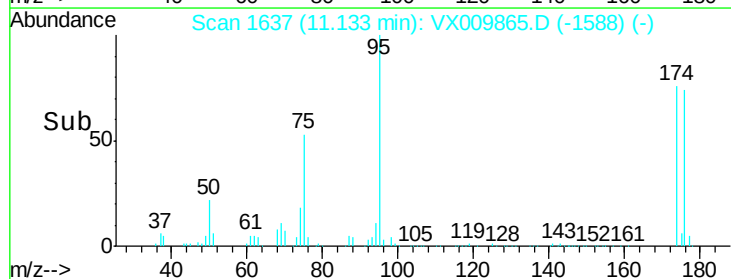
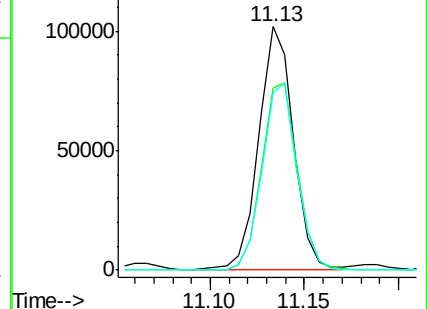
176 77.9 0.0 159.2

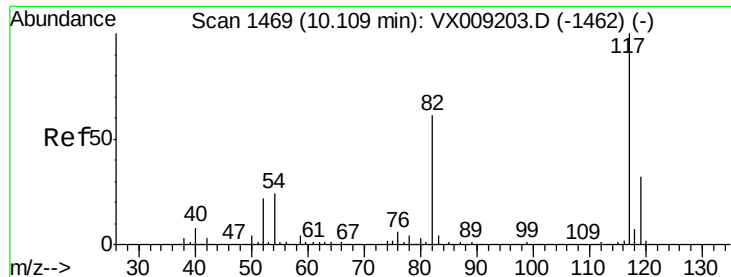


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

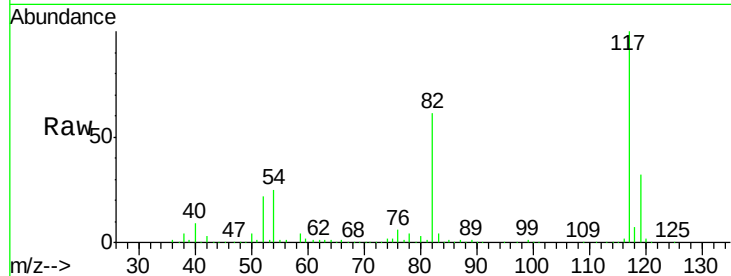




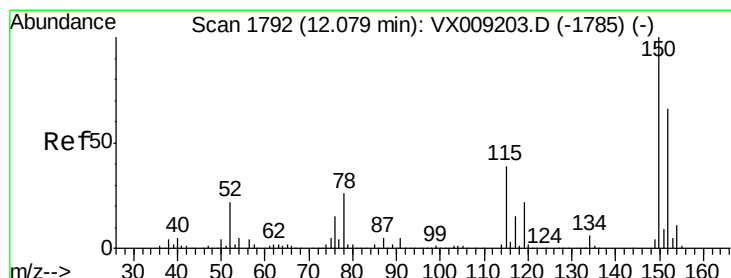
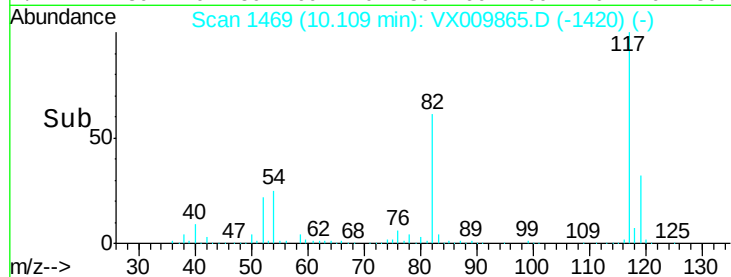
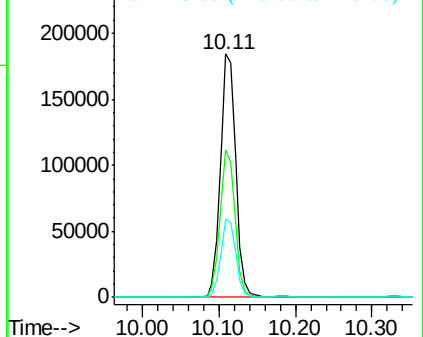
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009865.D
Acq: 23 May 2019 17:51

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-IR(17-20)DL

Tot Ion:117 Resp: 255355
Ion Ratio Lower Upper
117 100
82 60.7 48.8 73.2
119 32.4 25.8 38.6

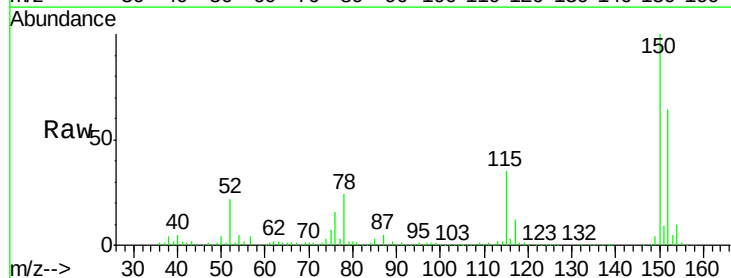


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

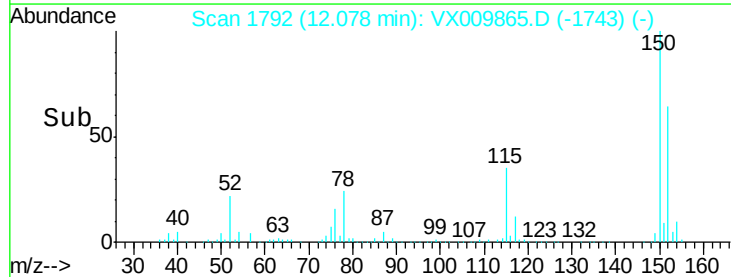
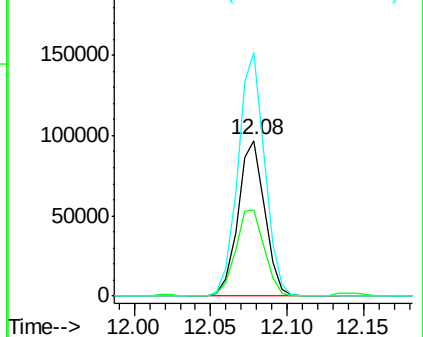


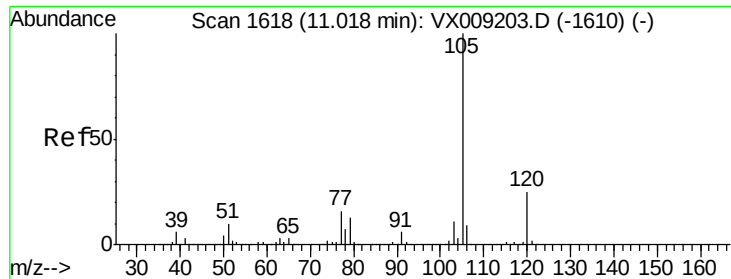
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009865.D
Acq: 23 May 2019 17:51

Tgt Ion:152 Resp: 116243
Ion Ratio Lower Upper
152 100
115 59.9 41.2 123.6
150 156.8 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: 1.401 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009865.D

Acq: 23 May 2019 17:51

Instrument :

MSVOA_X

ClientSampleId :

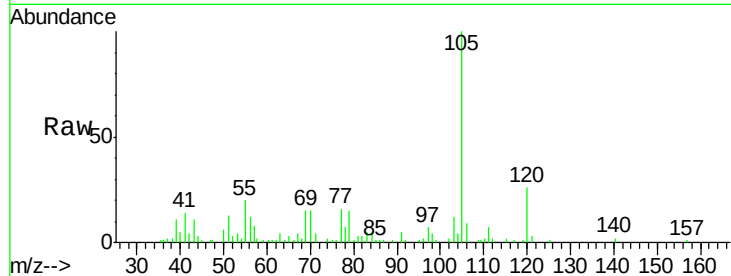
EP1-SB-MW-IR(17-20)DL

Tot Ion:105 Resp: 11843

Ion Ratio Lower Upper

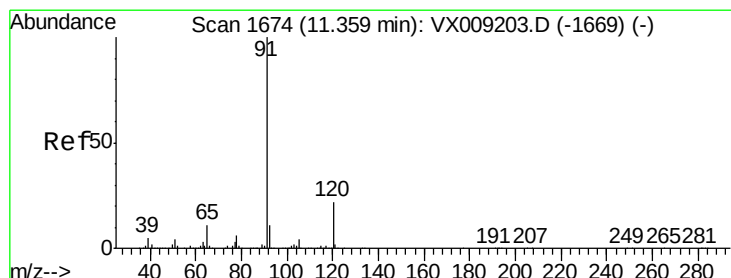
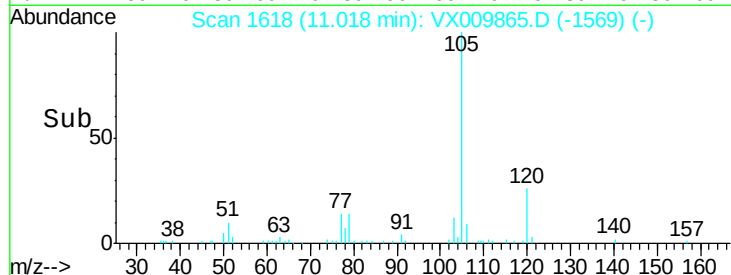
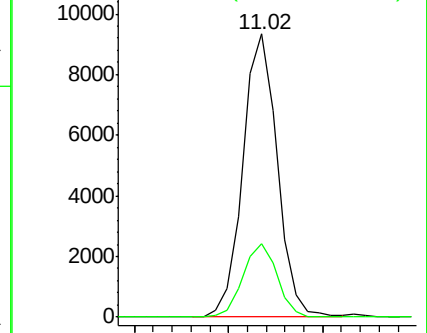
105 100

120 25.5 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: 3.698 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009865.D

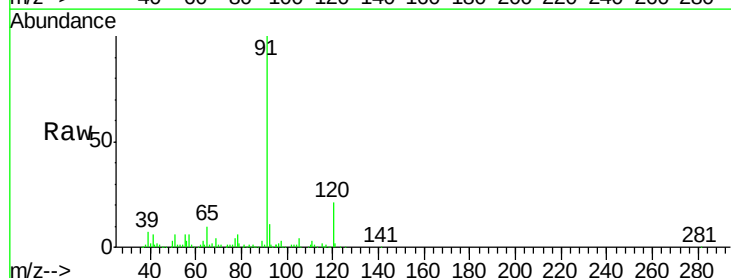
Acq: 23 May 2019 17:51

Tgt Ion: 91 Resp: 35701

Ion Ratio Lower Upper

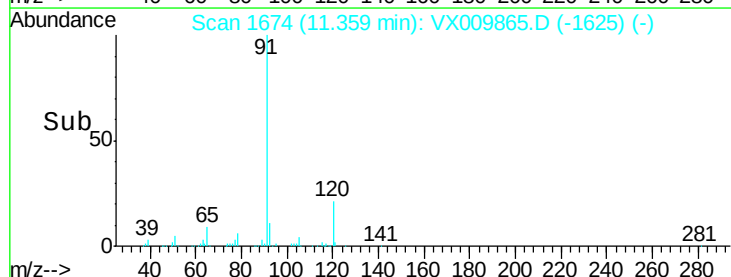
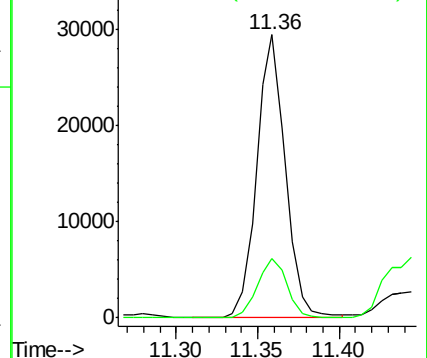
91 100

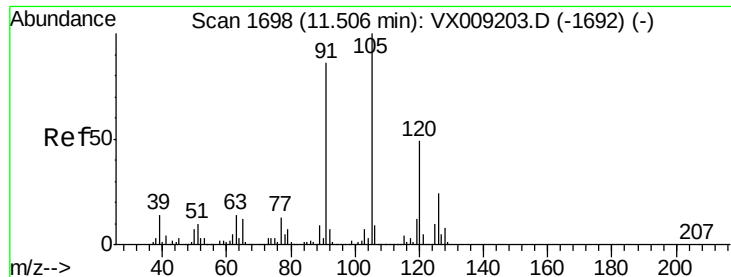
120 21.9 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 4.882 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009865.D

Acq: 23 May 2019 17:51

Instrument :

MSVOA_X

ClientSampleId :

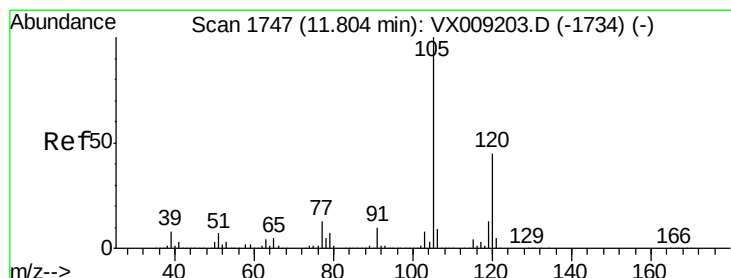
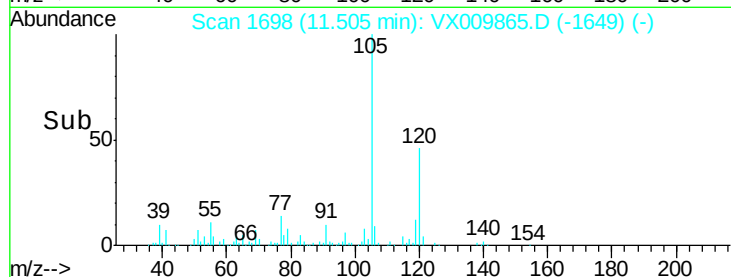
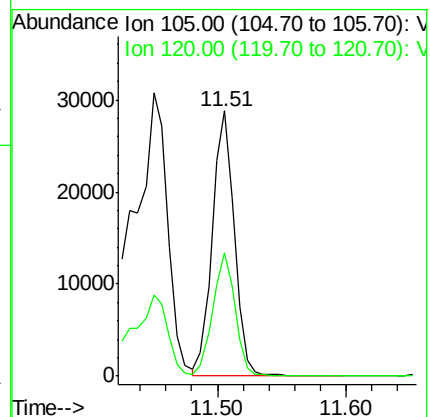
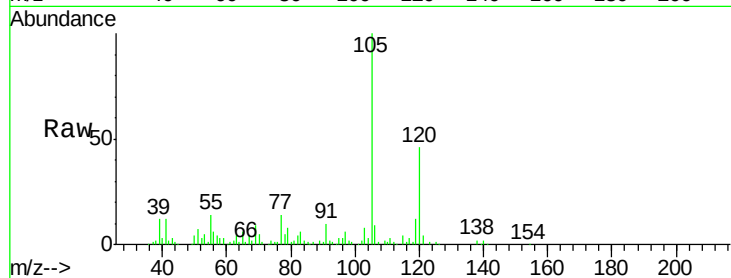
EP1-SB-MW-IR(17-20)DL

Tot Ion:105 Resp: 34748

Ion Ratio Lower Upper

105 100

120 46.6 24.3 72.9



#84

1,2,4-Trimethylbenzene

Concen: 26.059 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX009865.D

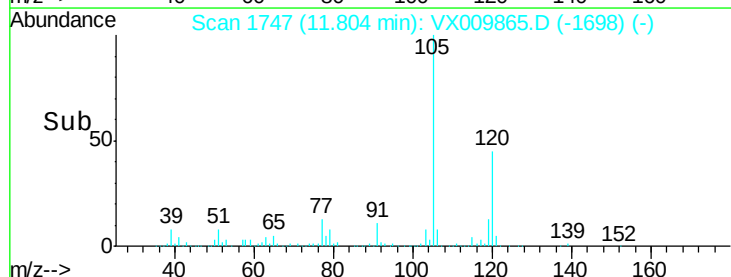
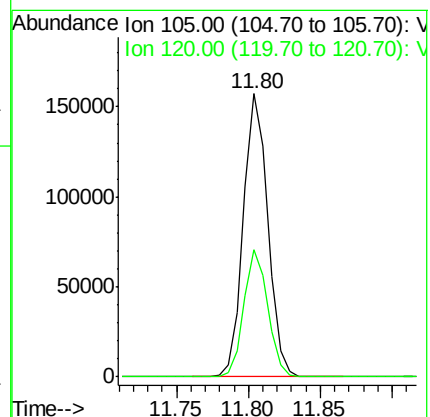
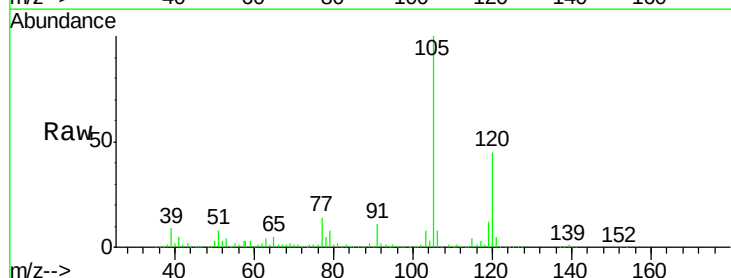
Acq: 23 May 2019 17:51

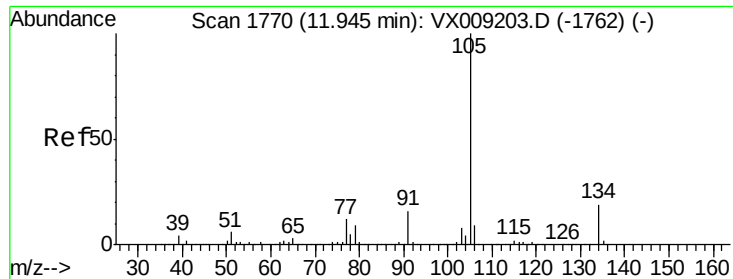
Tgt Ion:105 Resp: 186173

Ion Ratio Lower Upper

105 100

120 44.3 22.0 66.0





#85

sec-Butylbenzene

Concen: 2.406 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009865.D

Acq: 23 May 2019 17:51

Instrument :

MSVOA_X

ClientSampleId :

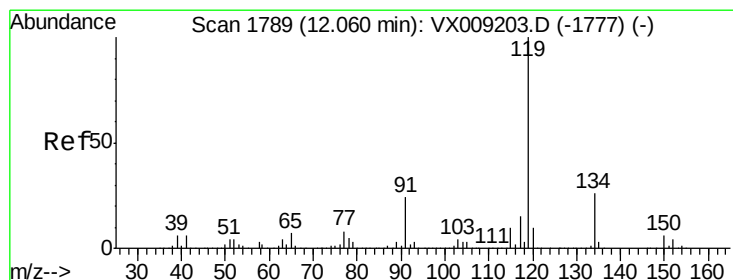
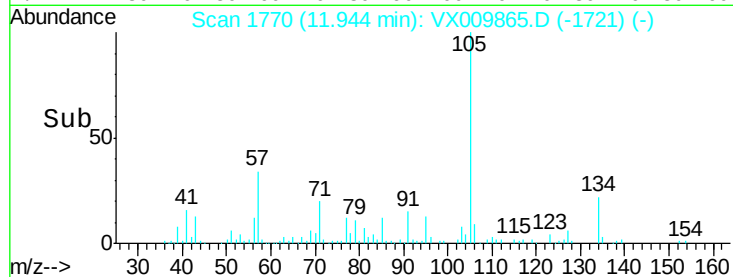
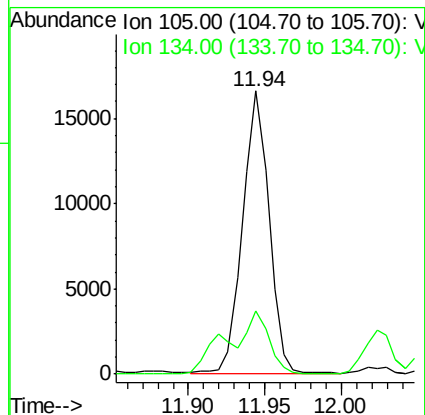
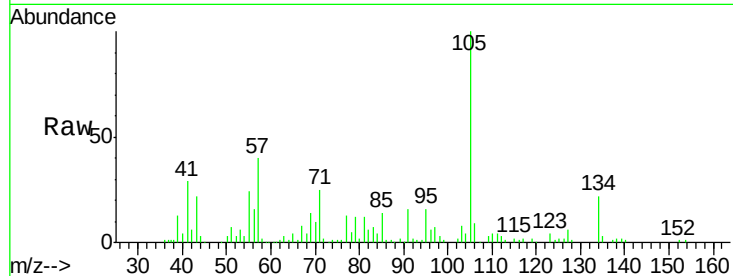
EP1-SB-MW-IR(17-20)DL

Tot Ion:105 Resp: 19749

Ion Ratio Lower Upper

105 100

134 19.2 9.7 28.9



#86

p-Isopropyltoluene

Concen: 2.713 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009865.D

Acq: 23 May 2019 17:51

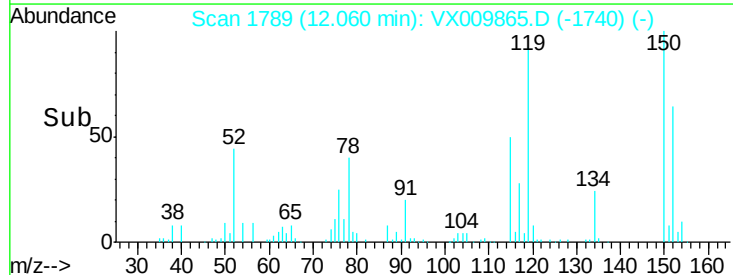
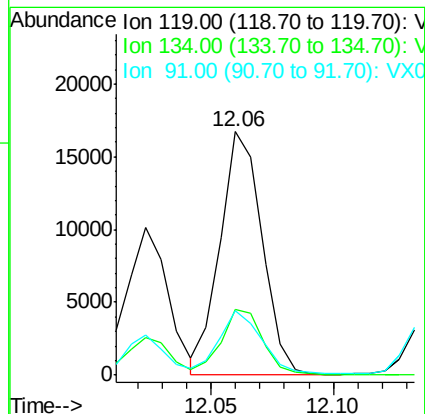
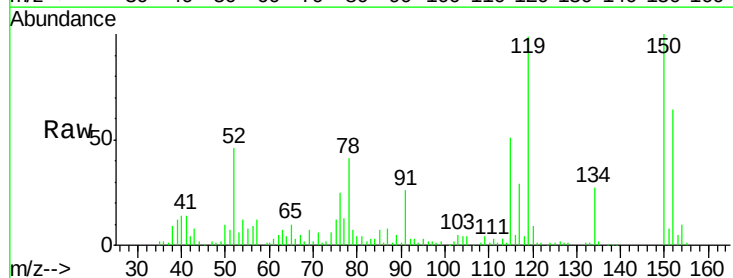
Tgt Ion:119 Resp: 20018

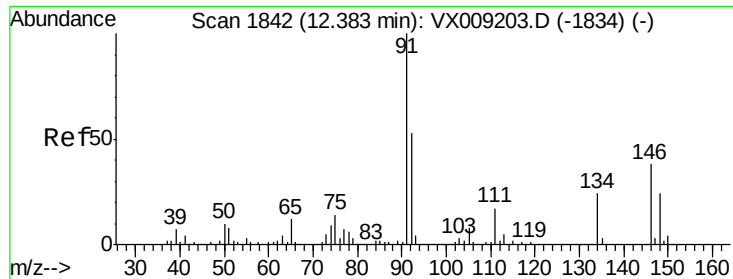
Ion Ratio Lower Upper

119 100

134 27.2 12.9 38.7

91 25.6 11.8 35.4





#89

n-Butylbenzene

Concen: 3.377 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX009865.D

Acq: 23 May 2019 17:51

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-MW-IR(17-20)DL

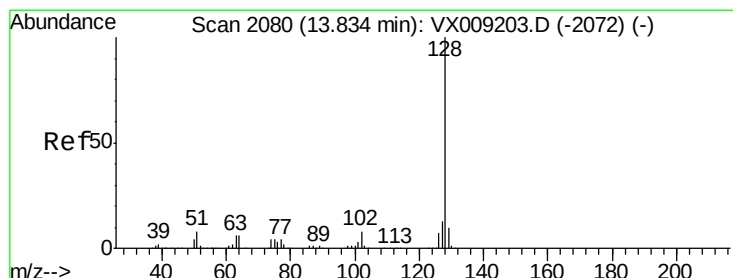
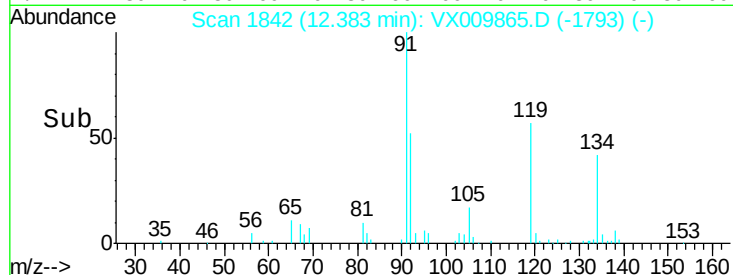
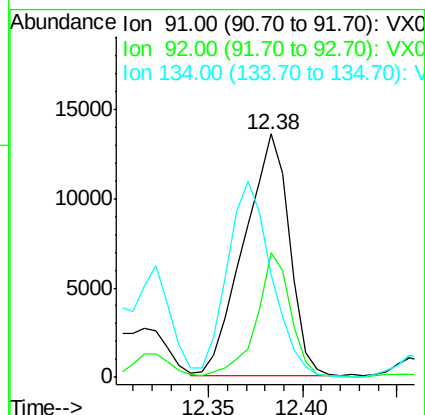
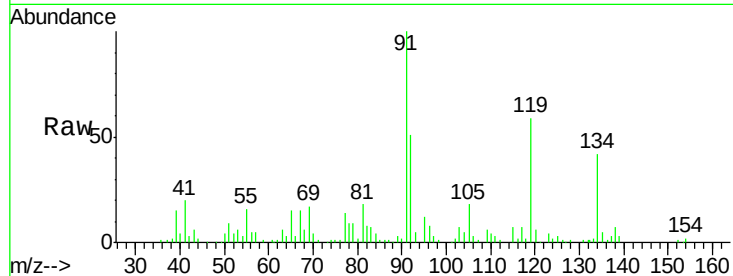
Tot Ion: 91 Resp: 22524

Ion Ratio Lower Upper

91 100

92 39.2 26.5 79.5

134 79.0 12.4 37.2#



#95

Naphthalene

Concen: 1.113 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009865.D

Acq: 23 May 2019 17:51

Tgt Ion: 128 Resp: 9431

Ion Ratio Lower Upper

128 100

127 14.0 10.4 15.6

129 12.1 8.6 13.0

