

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052319\
 Data File : VX009864.D
 Acq On : 23 May 2019 17:28
 Operator : JC/SP
 Sample : K2976-03DL 250X
 Misc : 6.55g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-E3-4R(14-17)DL

Quant Time: May 31 08:14:06 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

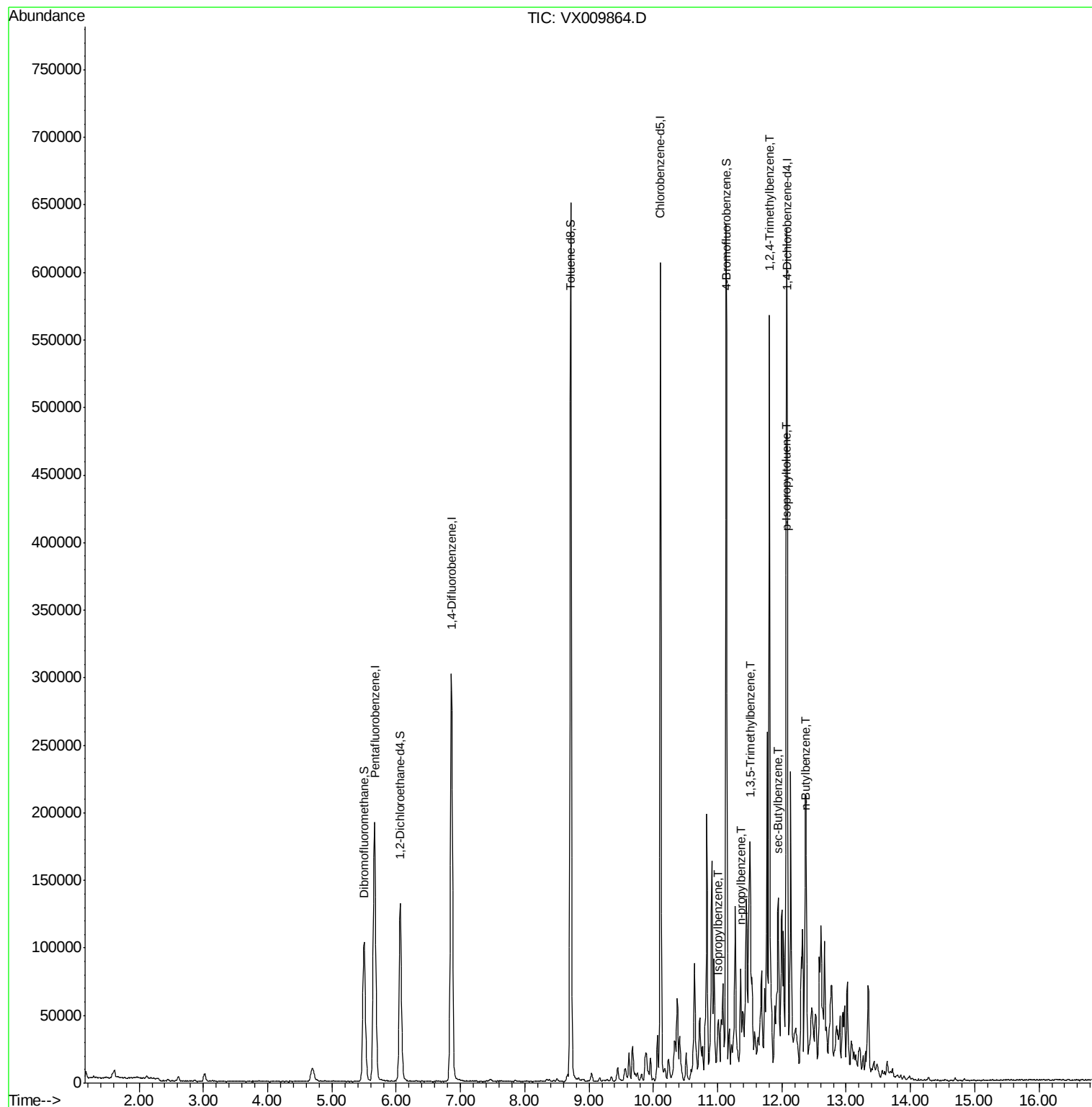
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	183094	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	293742	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	265764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	120800	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	125651	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
35) Dibromofluoromethane	5.50	113	88826	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
50) Toluene-d8	8.71	98	372903	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
62) 4-Bromofluorobenzene	11.13	95	131755	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
Target Compounds						
					Qvalue	
73) Isopropylbenzene	11.02	105	13294	1.513	ug/l	97
78) n-propylbenzene	11.36	91	41298	4.117	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	58420	7.898	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	208839	28.129	ug/l	100
85) sec-Butylbenzene	11.94	105	24783	2.905	ug/l	99
86) p-Isopropyltoluene	12.06	119	21205	2.765	ug/l	98
89) n-Butylbenzene	12.38	91	33132	4.780	ug/l #	52

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

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EP1-SB-E3-4R(14-17)DL

Quant Time: May 31 08:14:06 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: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009864.D

Acq: 23 May 2019 17:28

Instrument :

MSVOA_X

ClientSampleId :

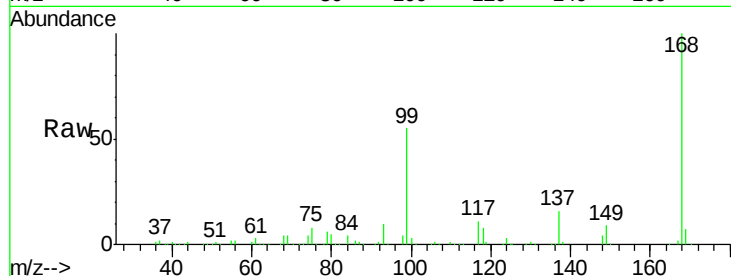
EP1-SB-E3-4R(14-17)DL

Tot Ion:168 Resp: 183094

Ion Ratio Lower Upper

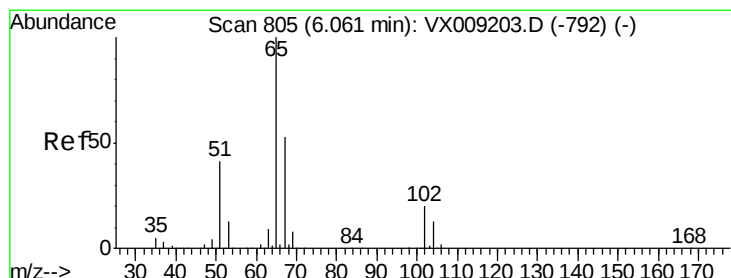
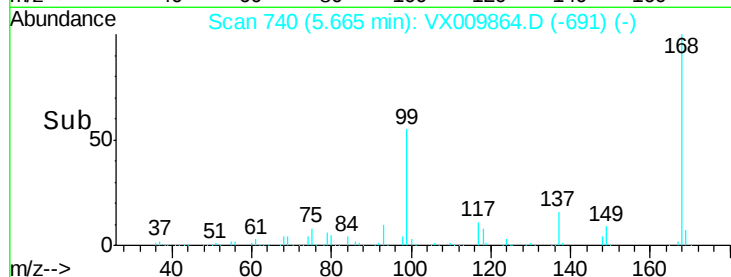
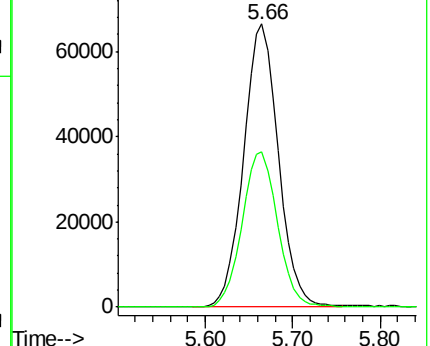
168 100

99 54.9 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: 50.271 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009864.D

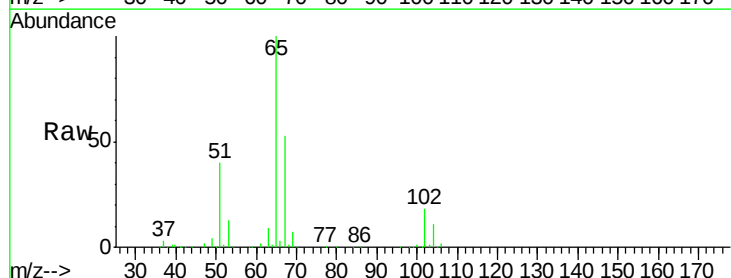
Acq: 23 May 2019 17:28

Tgt Ion: 65 Resp: 125651

Ion Ratio Lower Upper

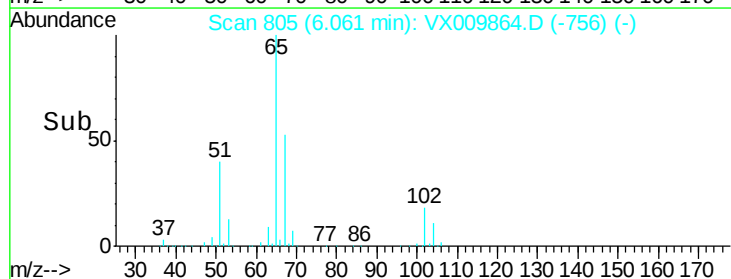
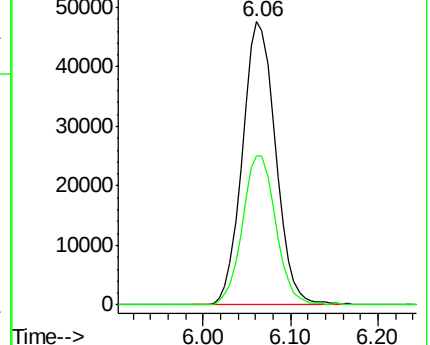
65 100

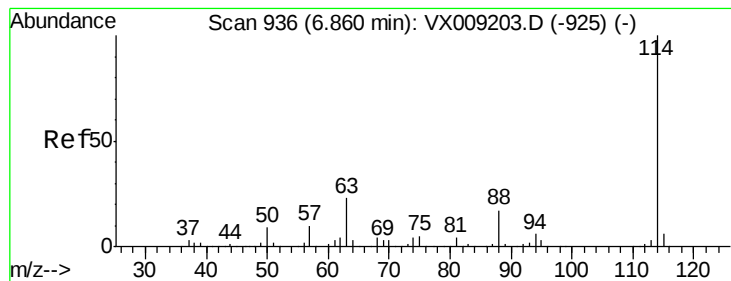
67 53.1 0.0 106.6



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: VX009864.D

Acq: 23 May 2019 17:28

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-E3-4R(14-17)DL

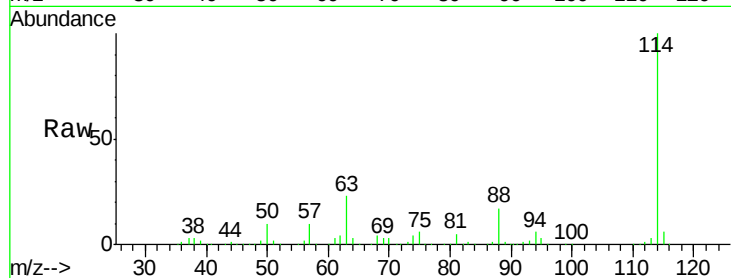
Tot Ion:114 Resp: 293742

Ion Ratio Lower Upper

114 100

63 23.1 0.0 45.6

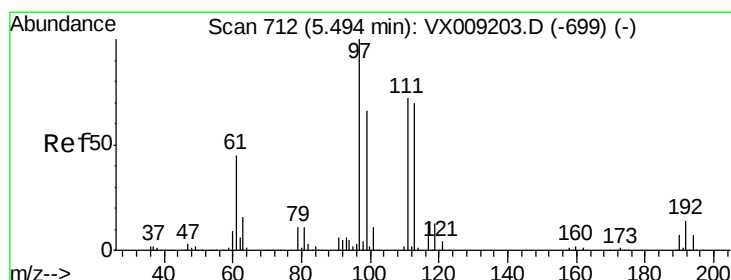
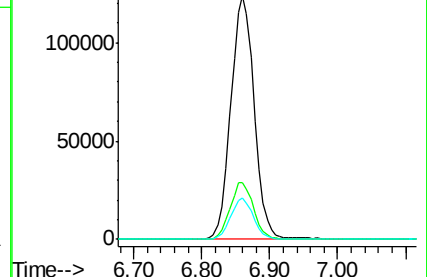
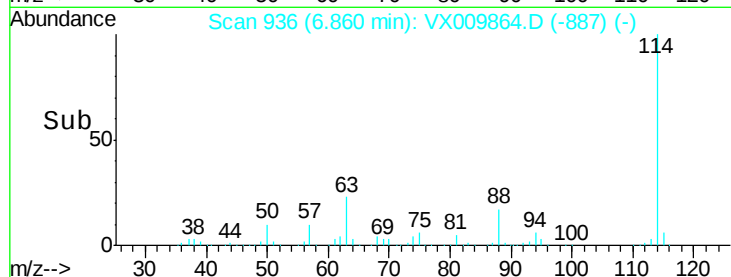
88 17.1 0.0 33.2



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: 48.103 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009864.D

Acq: 23 May 2019 17:28

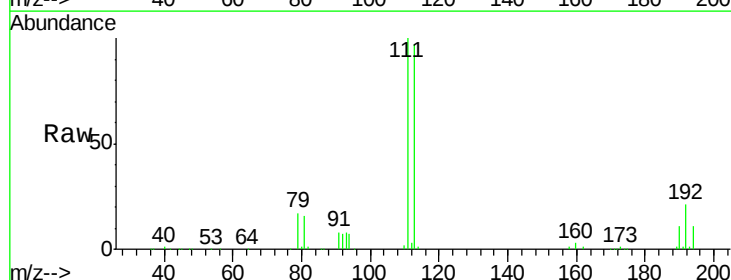
Tgt Ion:113 Resp: 88826

Ion Ratio Lower Upper

113 100

111 102.9 82.8 124.2

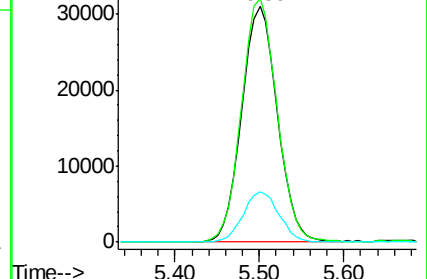
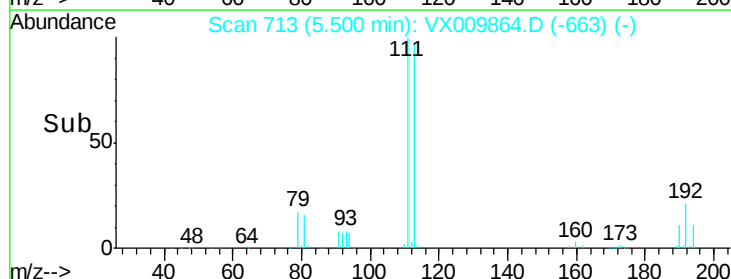
192 21.5 17.0 25.6

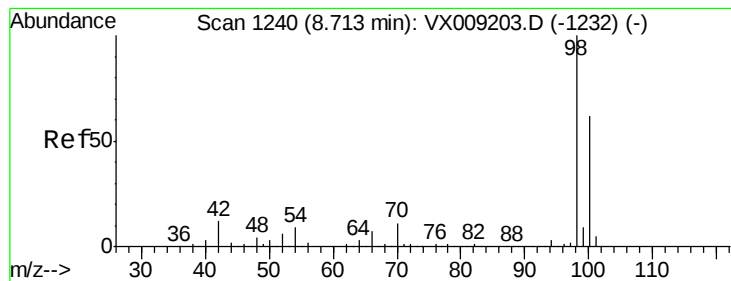


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.020 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009864.D

Acq: 23 May 2019 17:28

Instrument :

MSVOA_X

ClientSampleId :

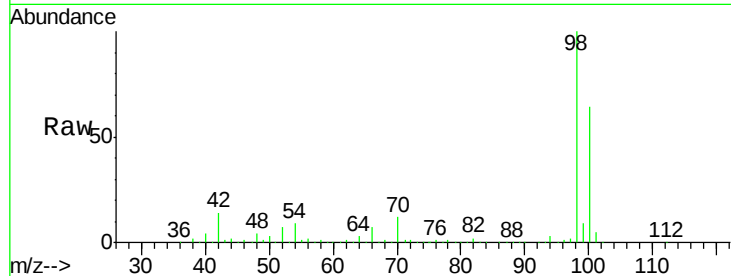
EP1-SB-E3-4R(14-17)DL

Tot Ion: 98 Resp: 372903

Ion Ratio Lower Upper

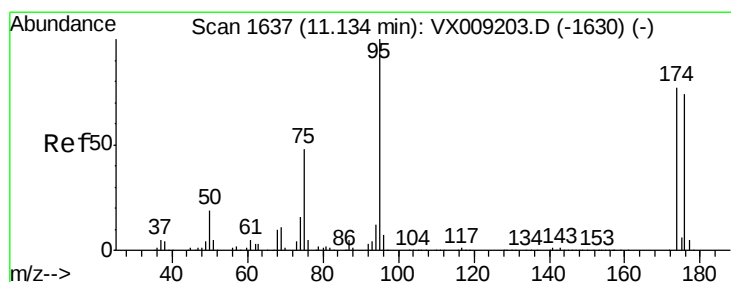
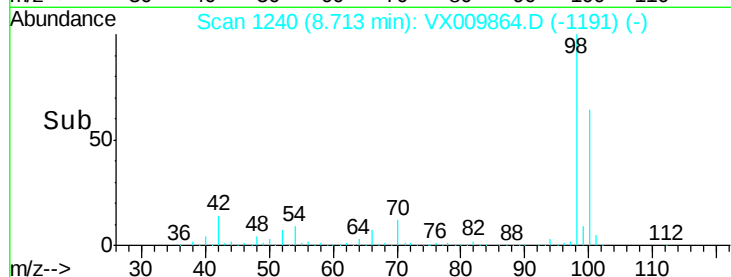
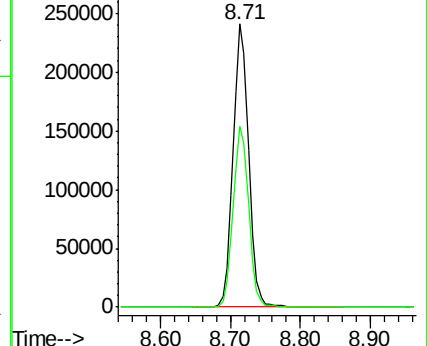
98 100

100 64.1 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: 48.638 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009864.D

Acq: 23 May 2019 17:28

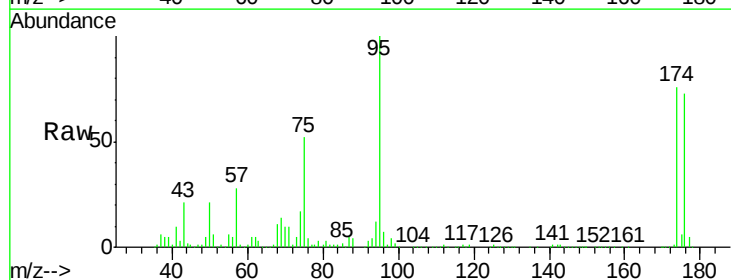
Tgt Ion: 95 Resp: 131755

Ion Ratio Lower Upper

95 100

174 80.1 0.0 161.6

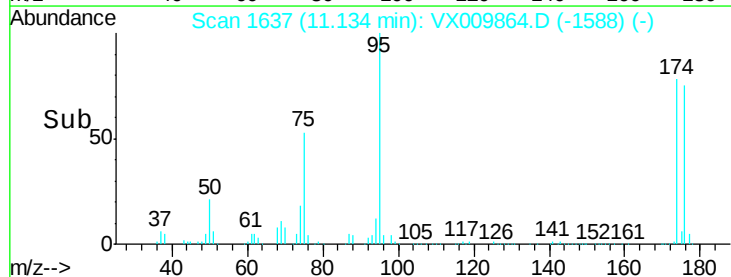
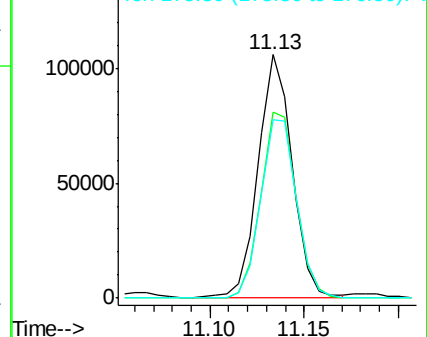
176 78.3 0.0 159.2

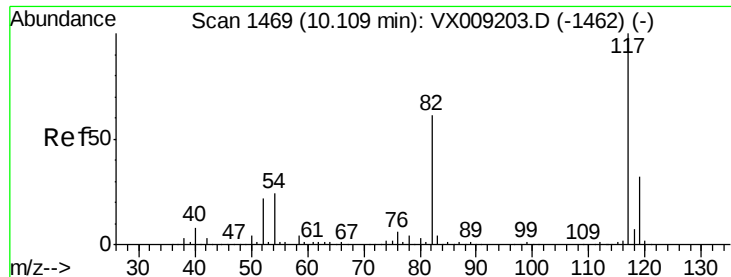


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

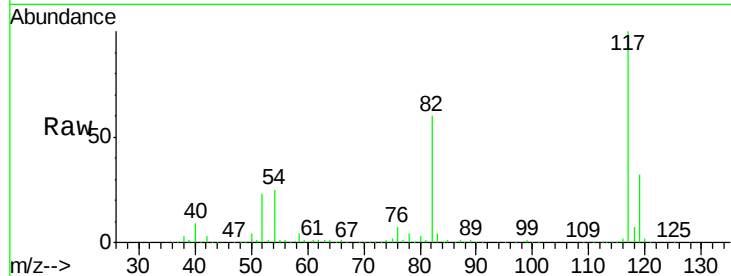




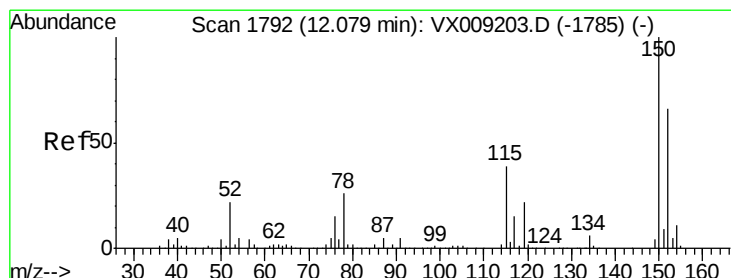
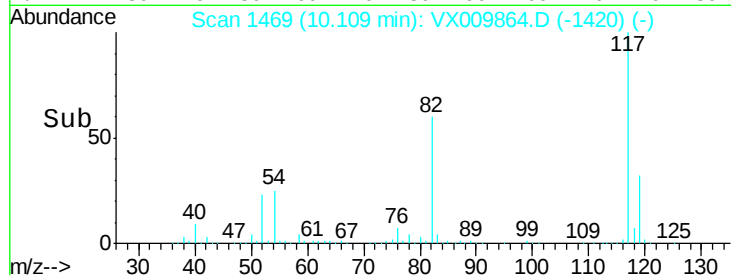
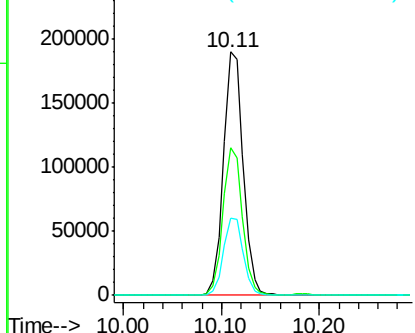
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-E3-4R(14-17)DL

Tot Ion:117 Resp: 265764
Ion Ratio Lower Upper
117 100
82 60.4 48.8 73.2
119 31.9 25.8 38.6

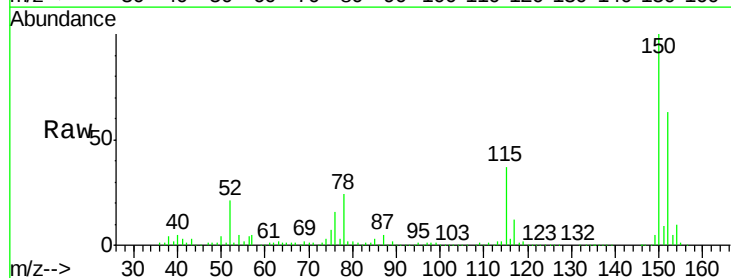


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

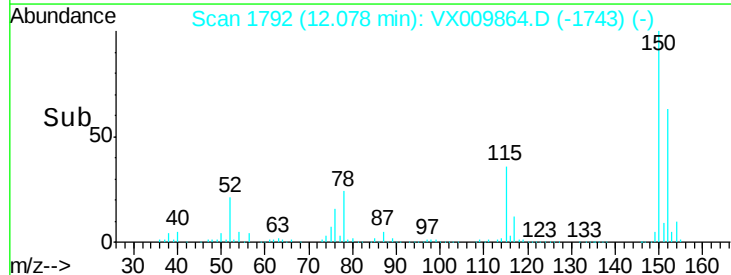
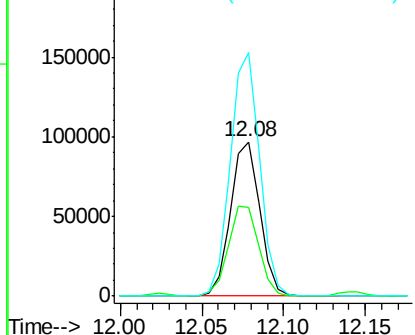


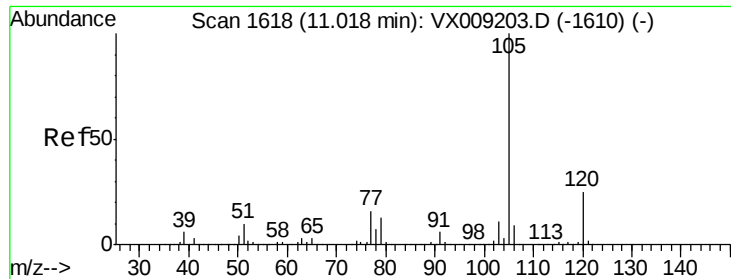
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Tgt Ion:152 Resp: 120800
Ion Ratio Lower Upper
152 100
115 60.5 41.2 123.6
150 157.7 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: 1.513 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009864.D

Acq: 23 May 2019 17:28

Instrument :

MSVOA_X

ClientSampleId :

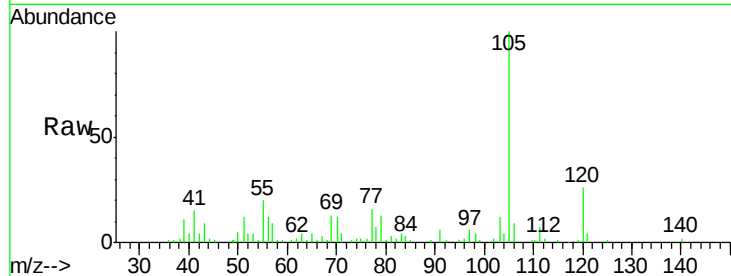
EP1-SB-E3-4R(14-17)DL

Tot Ion:105 Resp: 13294

Ion Ratio Lower Upper

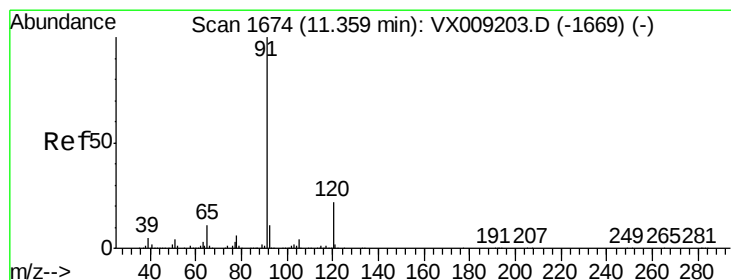
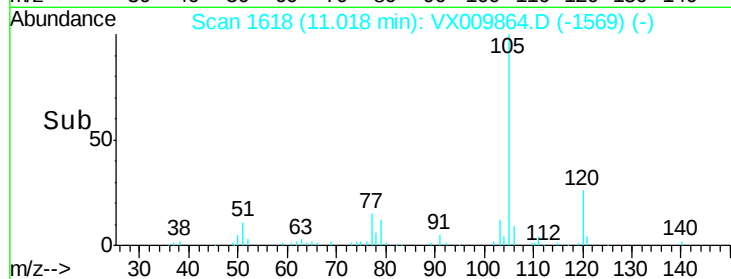
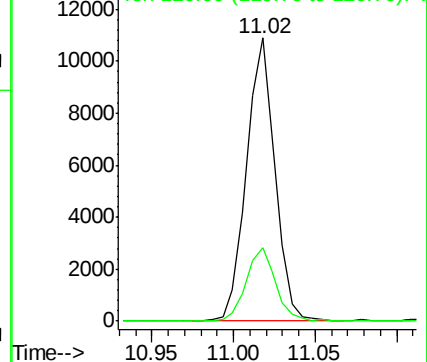
105 100

120 26.8 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: 4.117 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009864.D

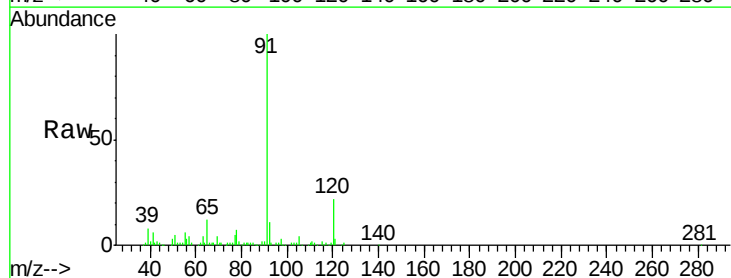
Acq: 23 May 2019 17:28

Tgt Ion: 91 Resp: 41298

Ion Ratio Lower Upper

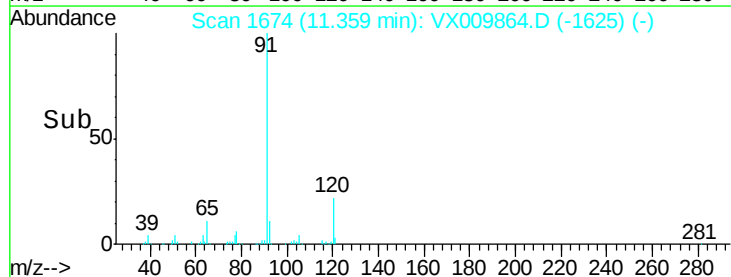
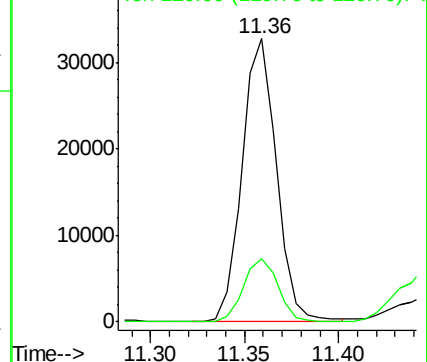
91 100

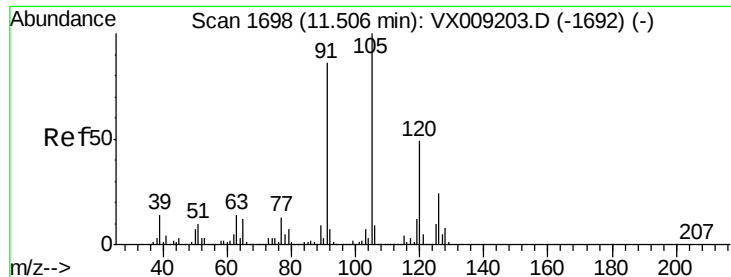
120 22.7 11.0 33.0



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: 7.898 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009864.D

Acq: 23 May 2019 17:28

Instrument :

MSVOA_X

ClientSampleId :

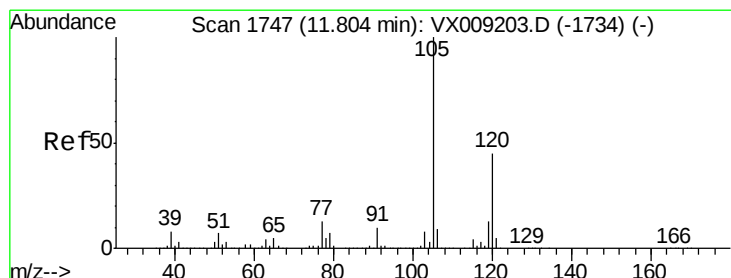
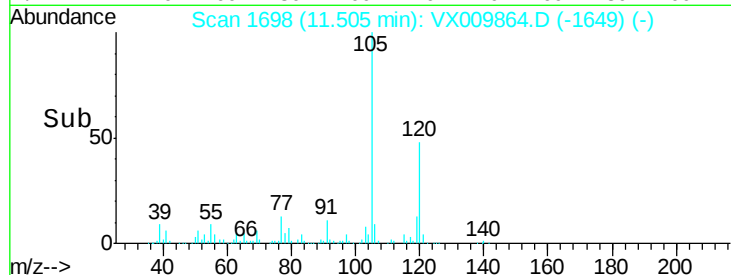
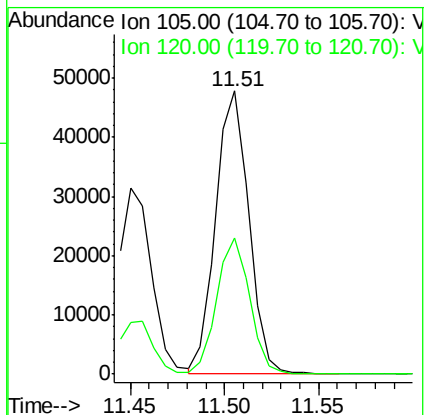
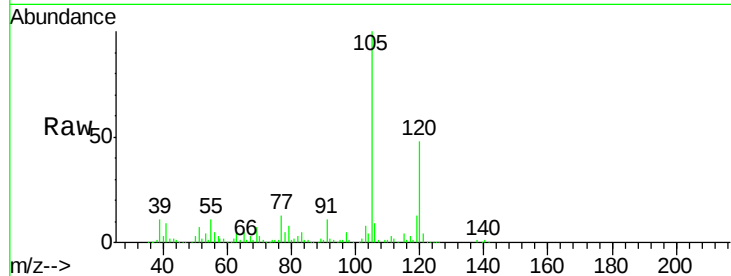
EP1-SB-E3-4R(14-17)DL

Tot Ion:105 Resp: 58420

Ion Ratio Lower Upper

105 100

120 48.1 24.3 72.9



#84

1,2,4-Trimethylbenzene

Concen: 28.129 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX009864.D

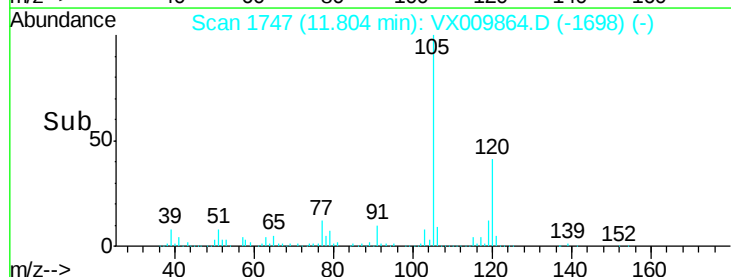
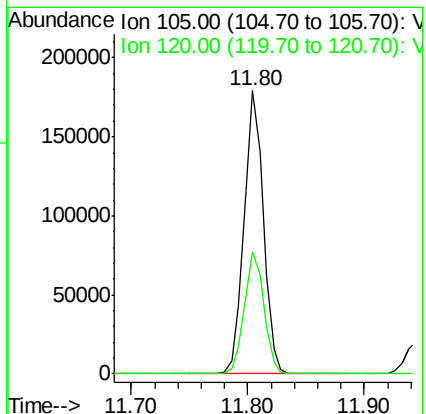
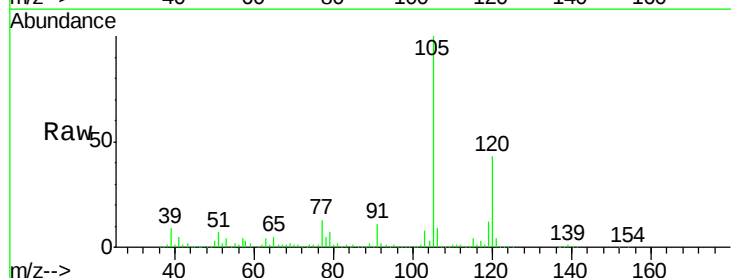
Acq: 23 May 2019 17:28

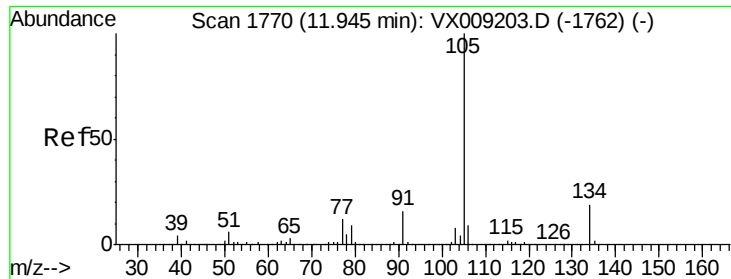
Tgt Ion:105 Resp: 208839

Ion Ratio Lower Upper

105 100

120 44.1 22.0 66.0





#85

sec-Butylbenzene

Concen: 2.905 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009864.D

Acq: 23 May 2019 17:28

Instrument :

MSVOA_X

ClientSampleId :

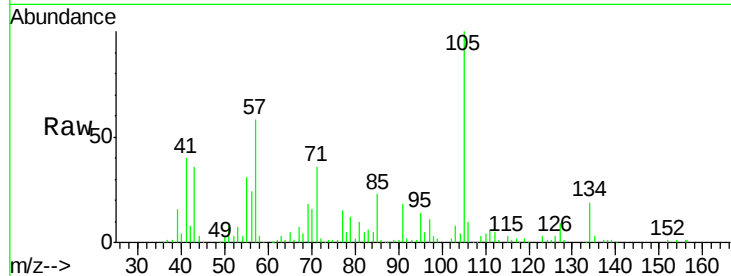
EP1-SB-E3-4R(14-17)DL

Tot Ion:105 Resp: 24783

Ion Ratio Lower Upper

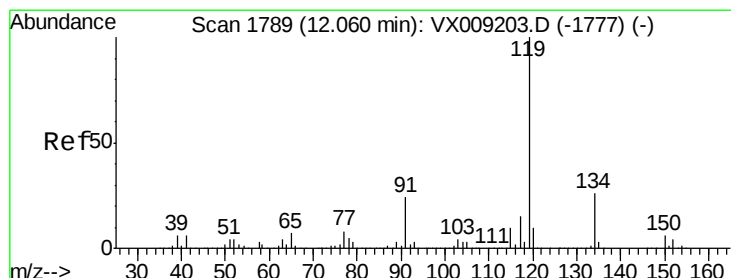
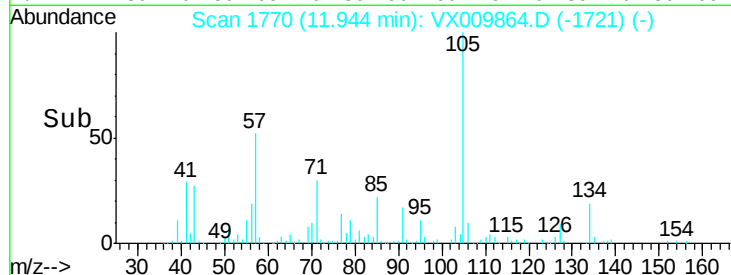
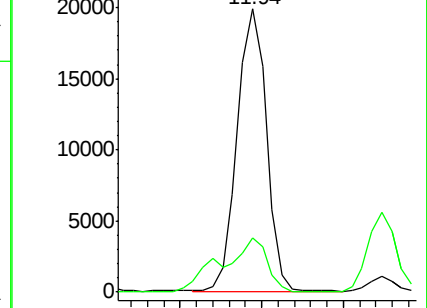
105 100

134 19.7 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: 2.765 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009864.D

Acq: 23 May 2019 17:28

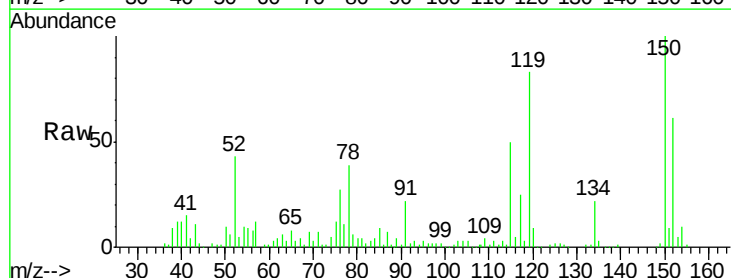
Tgt Ion:119 Resp: 21205

Ion Ratio Lower Upper

119 100

134 26.4 12.9 38.7

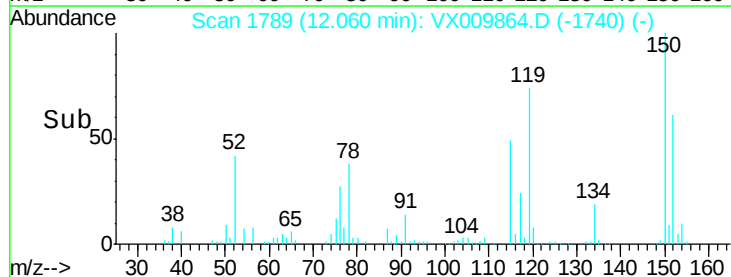
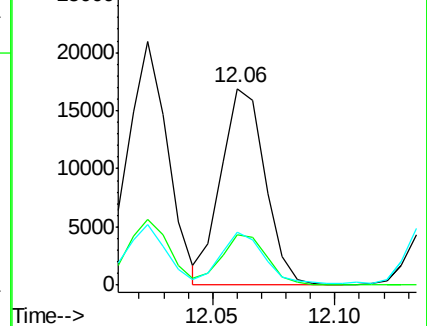
91 25.0 11.8 35.4

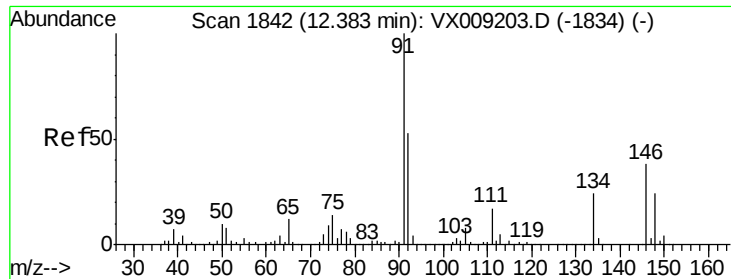


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#89

n-Butylbenzene

Concen: 4.780 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX009864.D

Acq: 23 May 2019 17:28

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-E3-4R(14-17)DL

Tot Ion: 91 Resp: 33132

Ion Ratio Lower Upper

91 100

92 38.5 26.5 79.5

134 78.8 12.4 37.2#

