

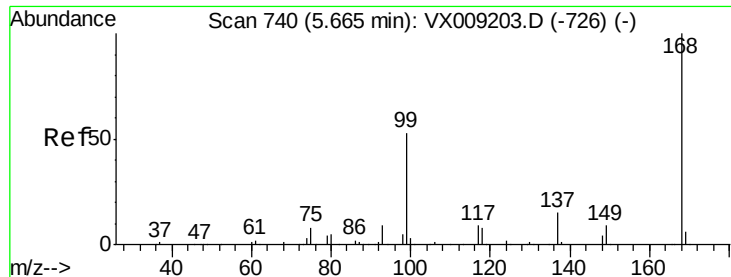
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052219\
 Data File : VX009824.D
 Acq On : 23 May 2019 00:07
 Operator : JC/SP
 Sample : K2976-03 50X
 Misc : 6.55g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 36 Sample Multiplier: 1

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

Quant Time: May 31 07:53:15 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	5.67	168	176553	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	282322	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	261632	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	126258	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	121023	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
35) Dibromofluoromethane	5.50	113	87055	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.10%	
50) Toluene-d8	8.71	98	364945	50.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.86%	
62) 4-Bromofluorobenzene	11.13	95	138610	53.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.48%	
Target Compounds						
					Qvalue	
68) m/p-Xylenes	10.36	106	15270	4.338	ug/l	92
73) Isopropylbenzene	11.02	105	87422	9.522	ug/l	99
78) n-propylbenzene	11.36	91	266844	25.449	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	381691	49.373	ug/l	99
83) tert-Butylbenzene	11.77	119	19060	2.534	ug/l	87
84) 1,2,4-Trimethylbenzene	11.80	105	1351306	174.145	ug/l	98
85) sec-Butylbenzene	11.94	105	152690	17.125	ug/l #	76
86) p-Isopropyltoluene	12.06	119	136180	16.990	ug/l	99
89) n-Butylbenzene	12.38	91	214317	29.583	ug/l #	52

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009824.D

Acq: 23 May 2019 00:07

Instrument :

MSVOA_X

ClientSampleId :

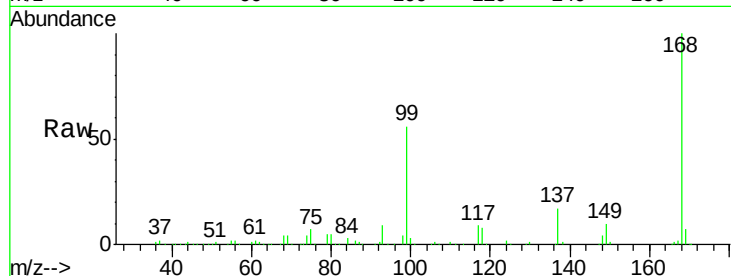
EP1-SB-E3-4R(14-17)

Tot Ion:168 Resp: 176553

Ion Ratio Lower Upper

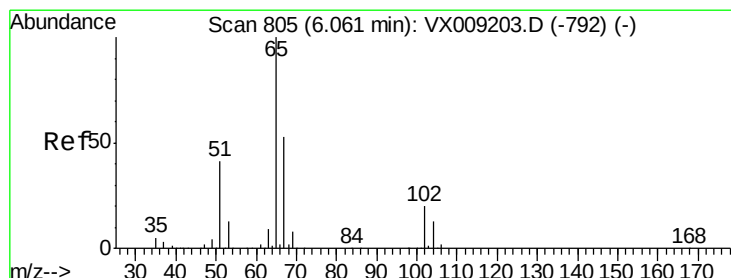
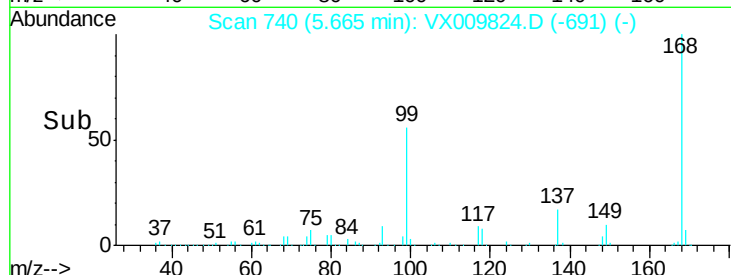
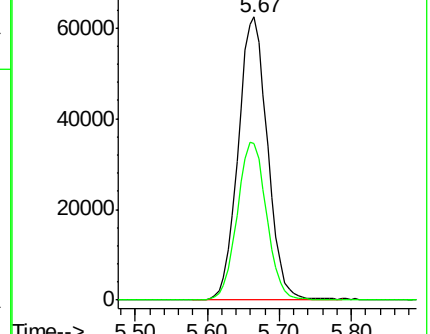
168 100

99 55.5 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: 50.214 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009824.D

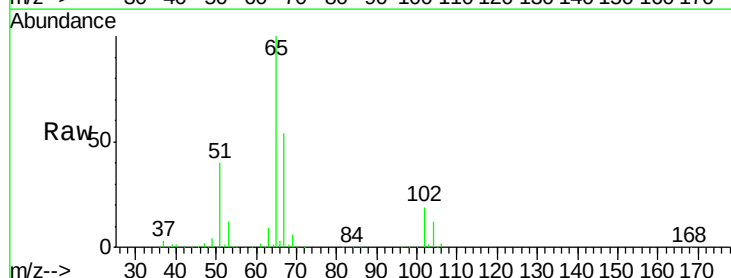
Acq: 23 May 2019 00:07

Tgt Ion: 65 Resp: 121023

Ion Ratio Lower Upper

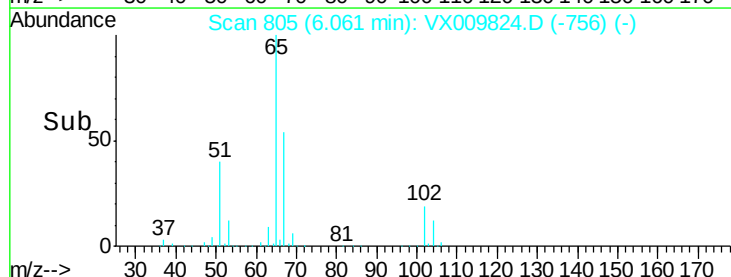
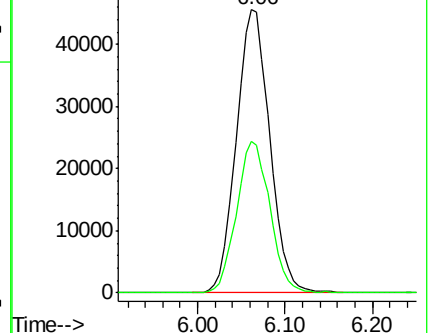
65 100

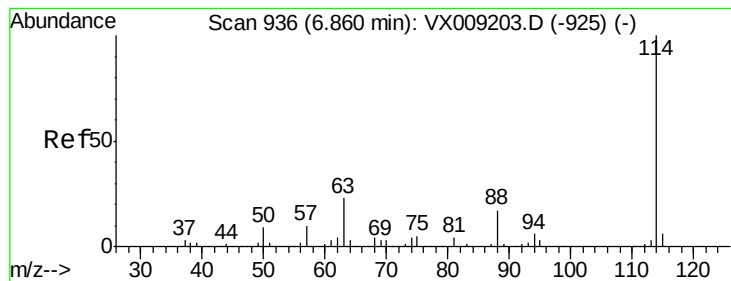
67 53.5 0.0 106.6



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: VX009824.D

Acq: 23 May 2019 00:07

Instrument :

MSVOA_X

ClientSampleId :

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

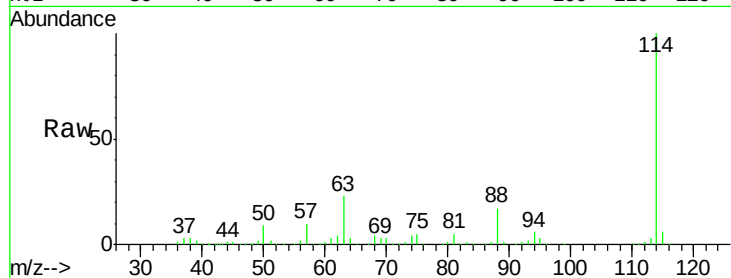
Tot Ion:114 Resp: 282322

Ion Ratio Lower Upper

114 100

63 23.2 0.0 45.6

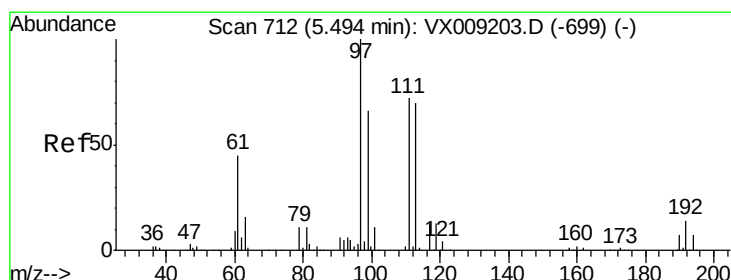
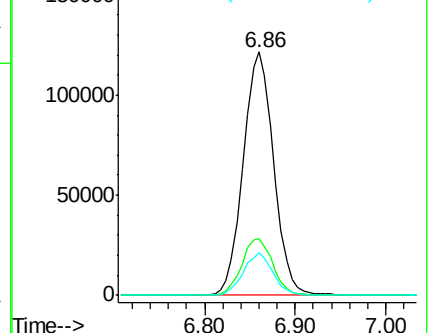
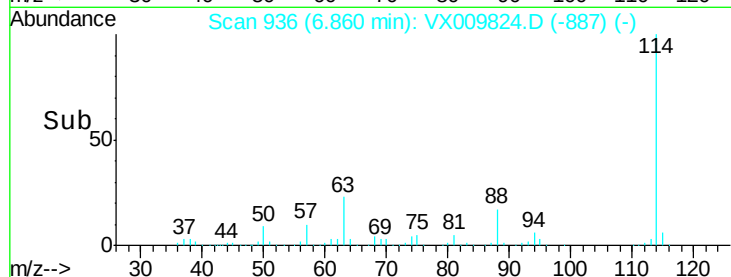
88 17.4 0.0 33.2



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: 49.051 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009824.D

Acq: 23 May 2019 00:07

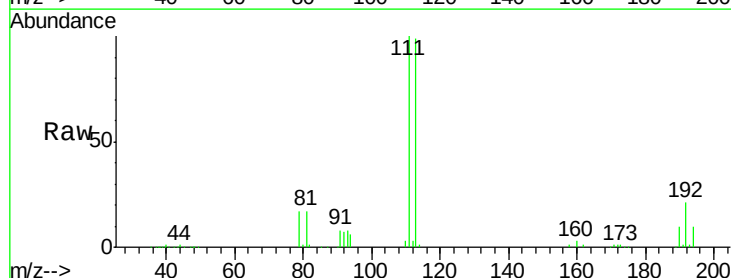
Tgt Ion:113 Resp: 87055

Ion Ratio Lower Upper

113 100

111 102.8 82.8 124.2

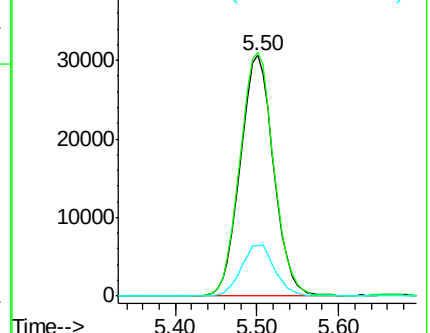
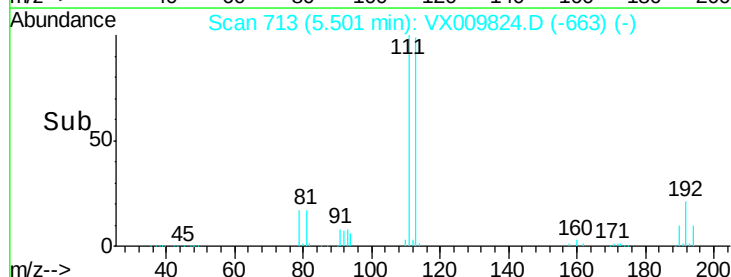
192 21.4 17.0 25.6

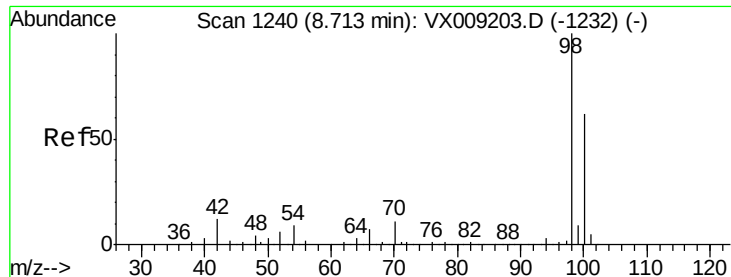


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.933 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009824.D

Acq: 23 May 2019 00:07

Instrument :

MSVOA_X

ClientSampleId :

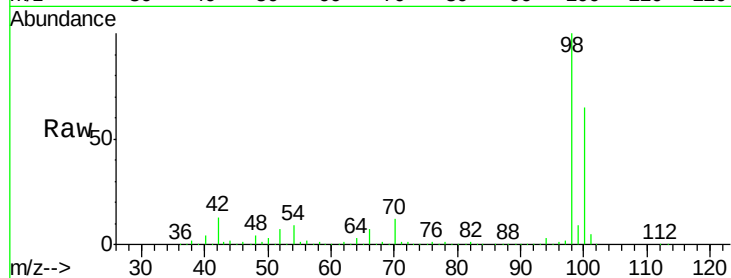
EP1-SB-E3-4R(14-17)

Tot Ion: 98 Resp: 364945

Ion Ratio Lower Upper

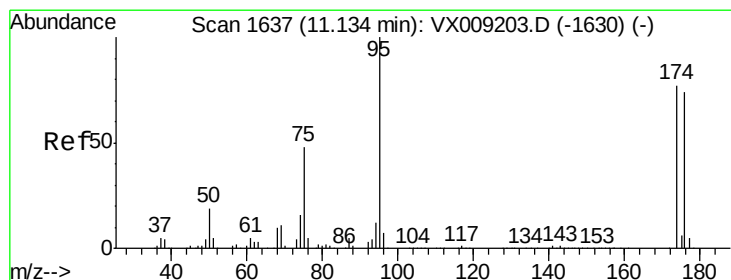
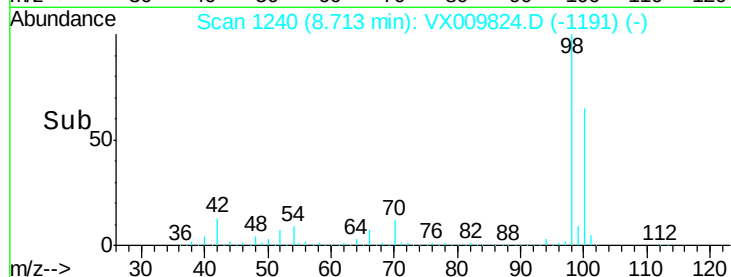
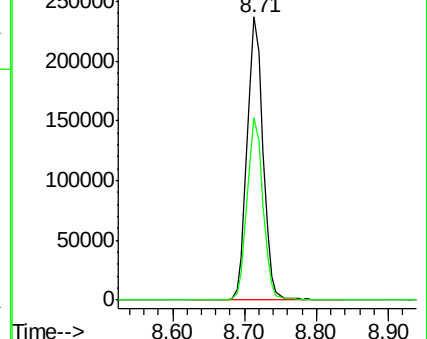
98 100

100 64.3 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: 53.238 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009824.D

Acq: 23 May 2019 00:07

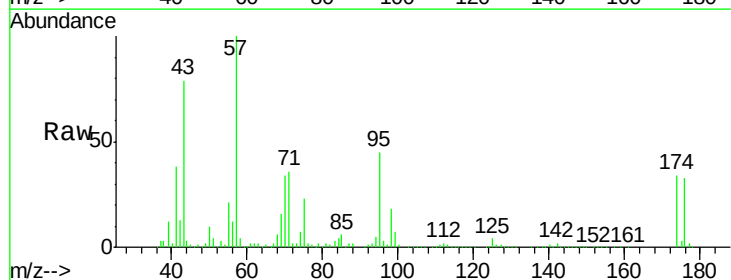
Tgt Ion: 95 Resp: 138610

Ion Ratio Lower Upper

95 100

174 77.1 0.0 161.6

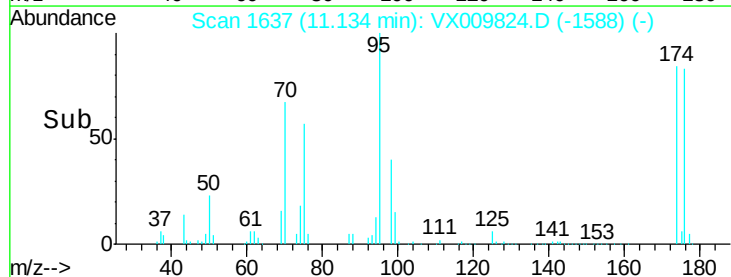
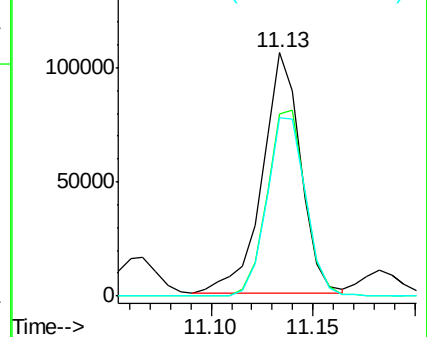
176 75.1 0.0 159.2

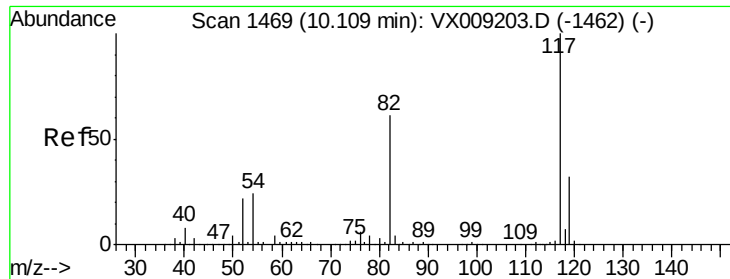


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

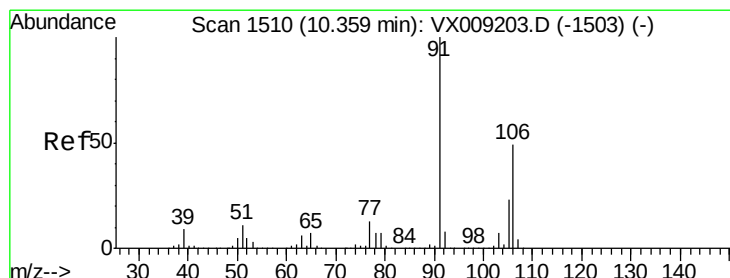
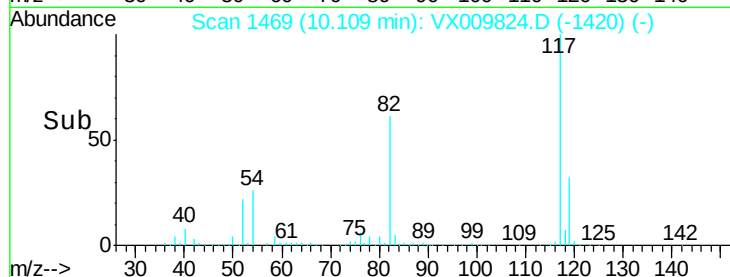
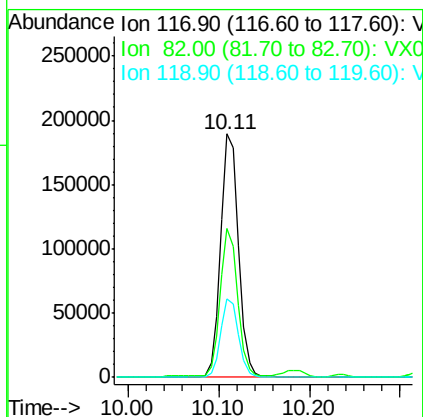
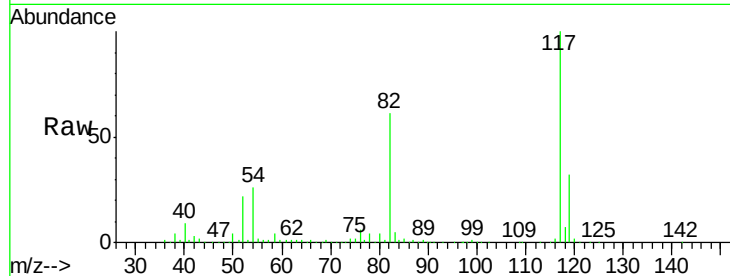




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009824.D
Acq: 23 May 2019 00:07

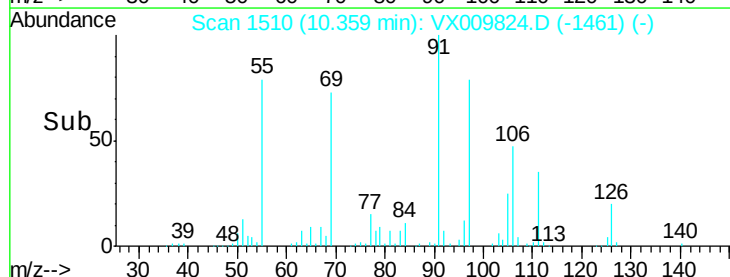
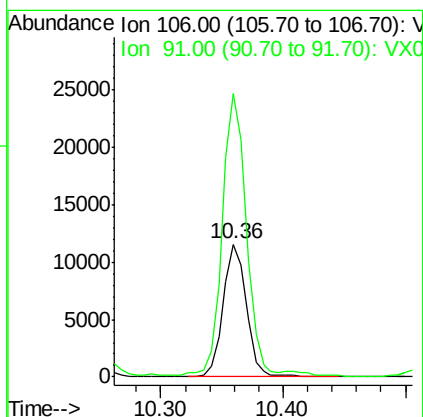
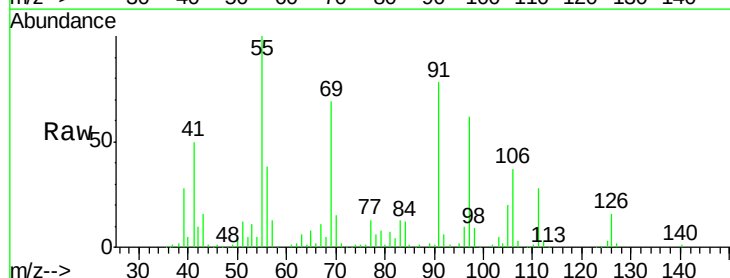
Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-E3-4R(14-17)

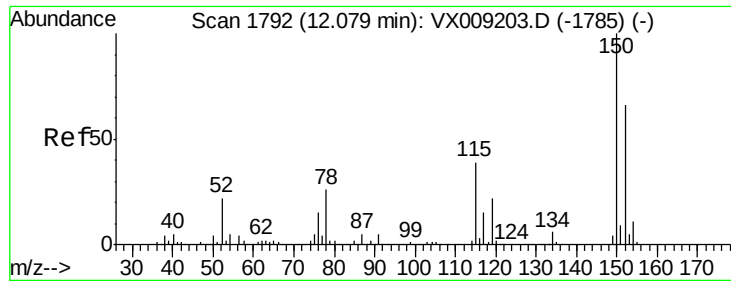
Tot Ion:117 Resp: 261632
Ion Ratio Lower Upper
117 100
82 60.8 48.8 73.2
119 32.1 25.8 38.6



#68
m/p-Xylenes
Concen: 4.338 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009824.D
Acq: 23 May 2019 00:07

Tgt Ion:106 Resp: 15270
Ion Ratio Lower Upper
106 100
91 216.6 164.0 246.0



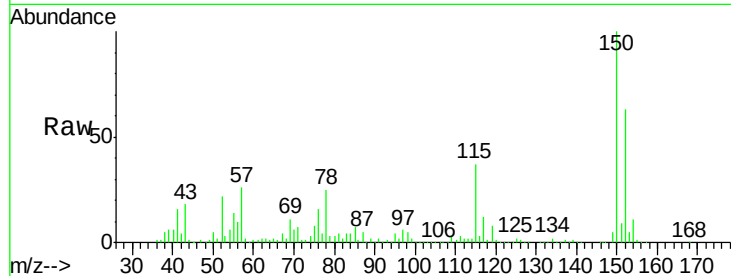


#72

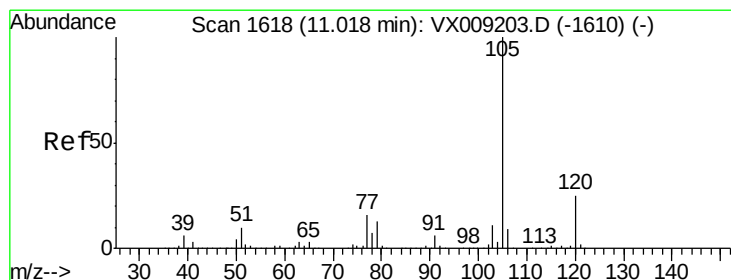
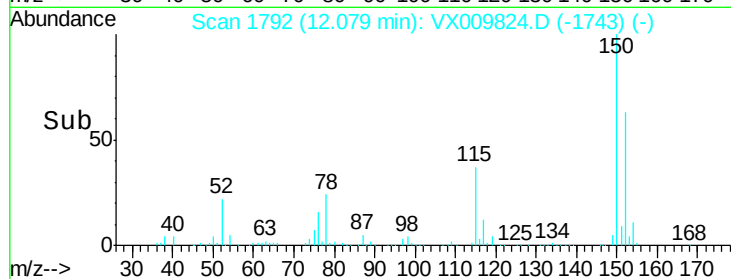
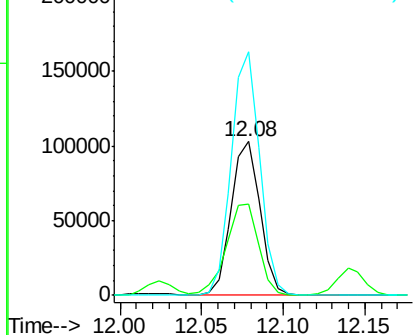
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009824.D
Acq: 23 May 2019 00:07

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

Tot Ion:152 Resp: 126258
Ion Ratio Lower Upper
152 100
115 66.3 41.2 123.6
150 156.4 0.0 346.4



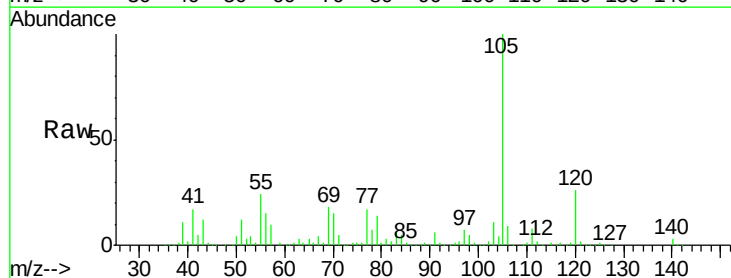
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



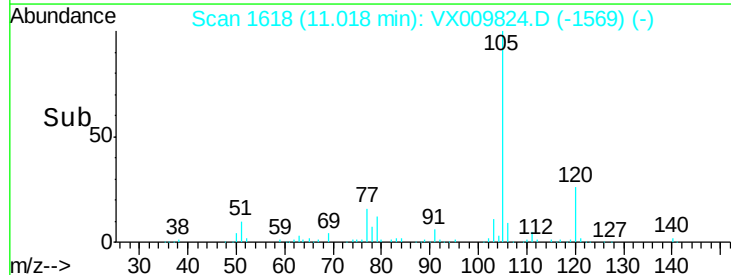
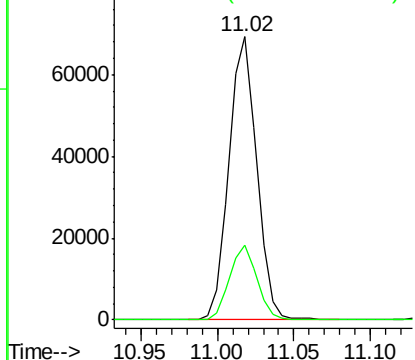
#73

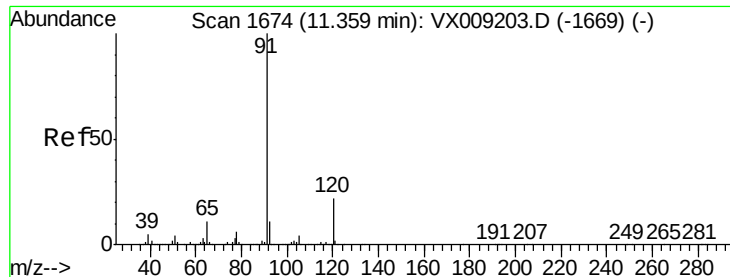
Isopropylbenzene
Concen: 9.522 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX009824.D
Acq: 23 May 2019 00:07

Tgt Ion:105 Resp: 87422
Ion Ratio Lower Upper
105 100
120 26.0 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: 25.449 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009824.D

Acq: 23 May 2019 00:07

Instrument :

MSVOA_X

ClientSampleId :

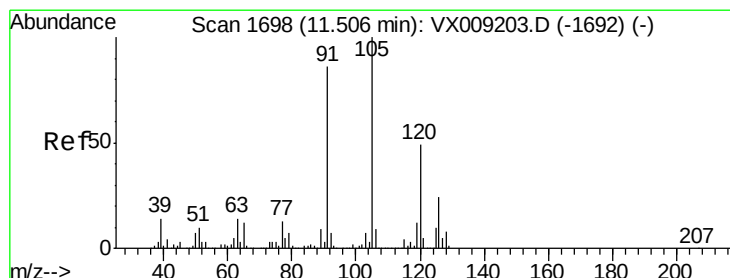
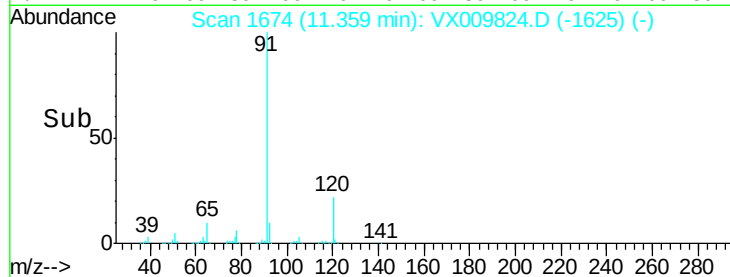
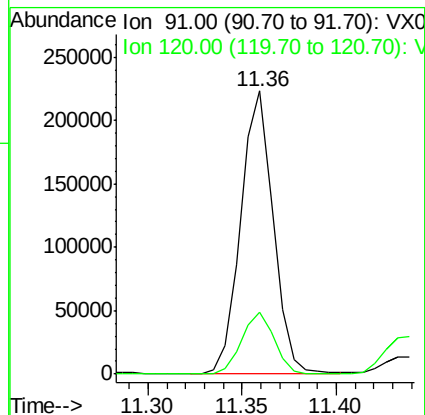
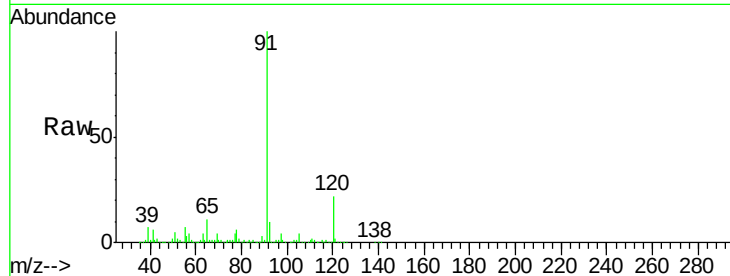
EP1-SB-E3-4R(14-17)

Tot Ion: 91 Resp: 266844

Ion Ratio Lower Upper

91 100

120 21.7 11.0 33.0



#80

1,3,5-Trimethylbenzene

Concen: 49.373 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009824.D

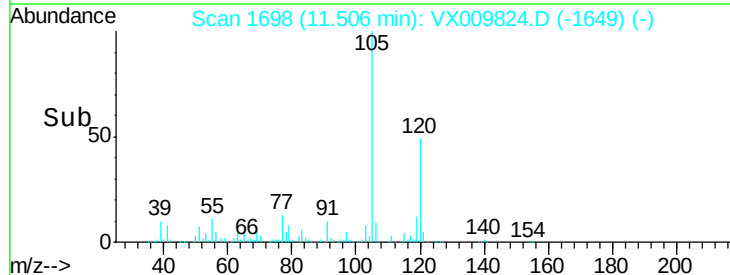
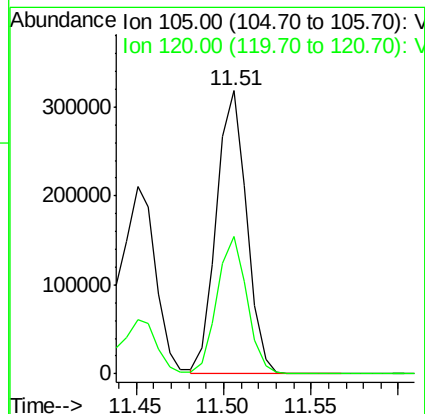
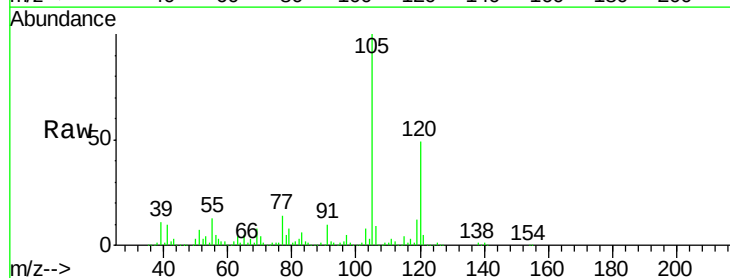
Acq: 23 May 2019 00:07

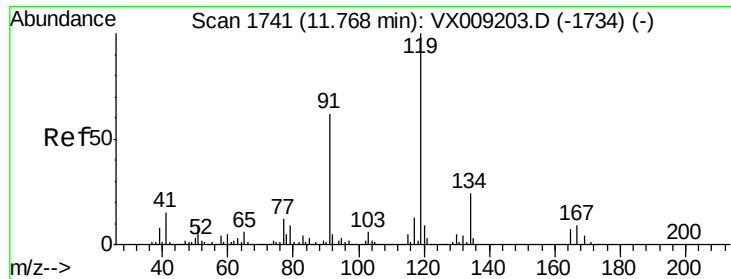
Tgt Ion:105 Resp: 381691

Ion Ratio Lower Upper

105 100

120 48.2 24.3 72.9





#83

tert-Butylbenzene

Concen: 2.534 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX009824.D

Acq: 23 May 2019 00:07

Instrument :

MSVOA_X

ClientSampleId :

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

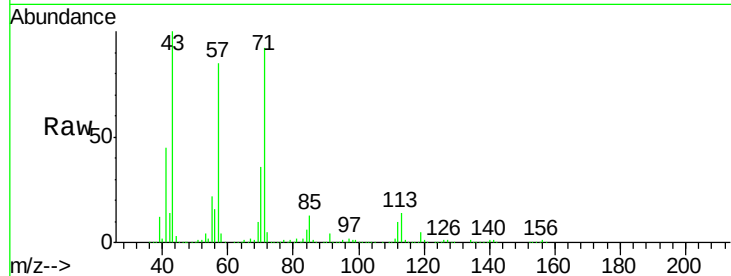
Tot Ion:119 Resp: 19060

Ion Ratio Lower Upper

119 100

91 71.7 29.5 88.5

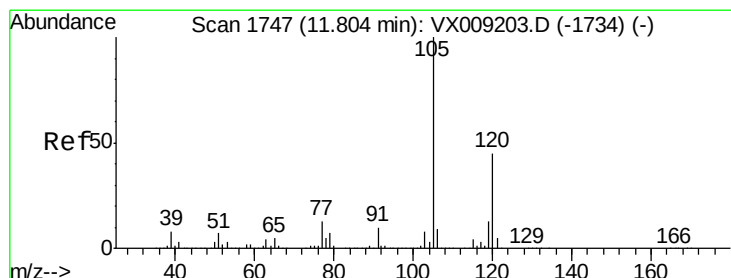
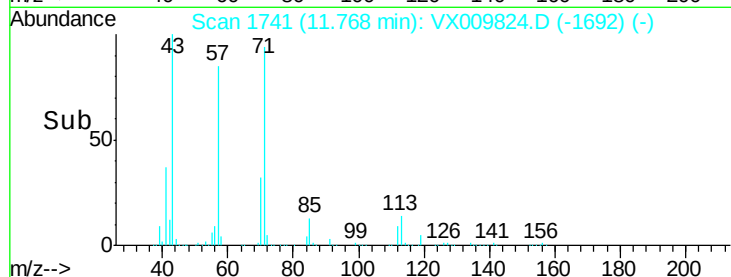
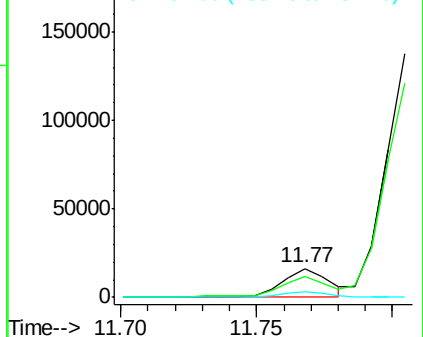
134 23.3 11.4 34.1



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: 174.145 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX009824.D

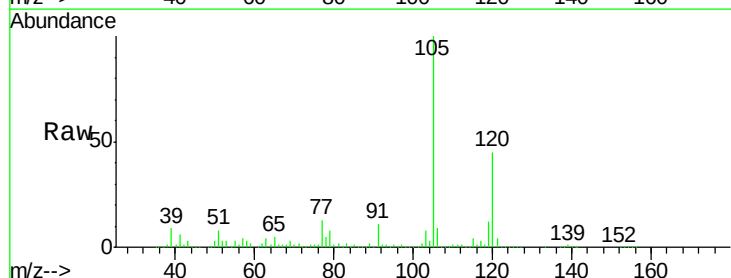
Acq: 23 May 2019 00:07

Tgt Ion:105 Resp: 1351306

Ion Ratio Lower Upper

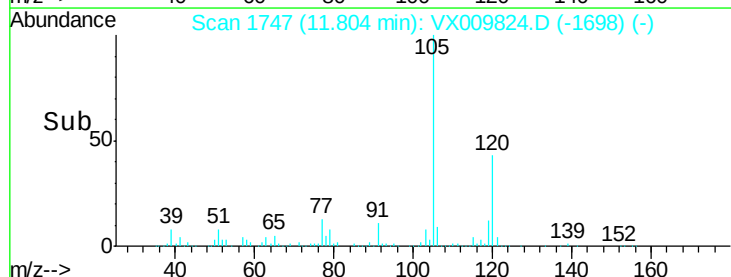
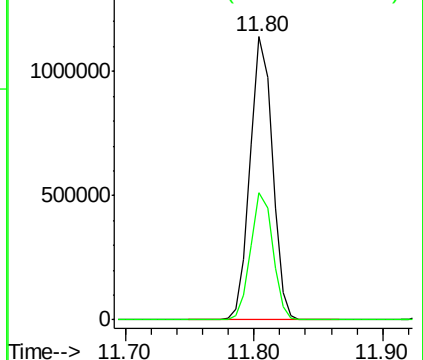
105 100

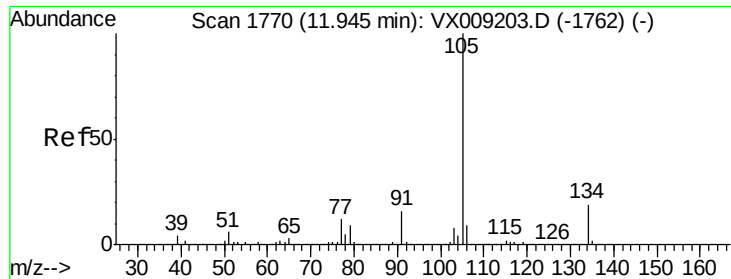
120 45.1 22.0 66.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 17.125 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009824.D

Acq: 23 May 2019 00:07

Instrument :

MSVOA_X

ClientSampleId :

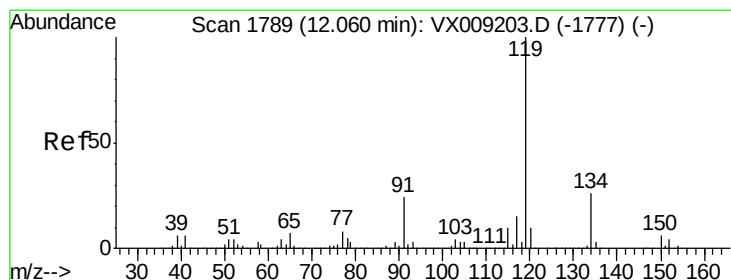
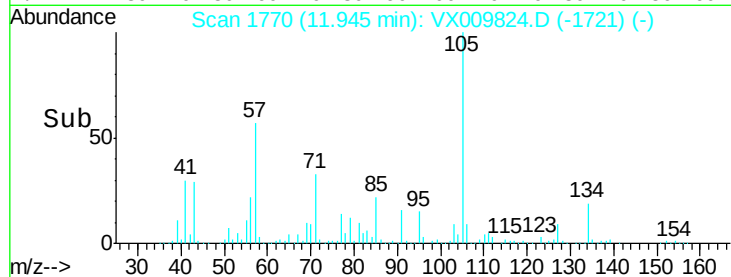
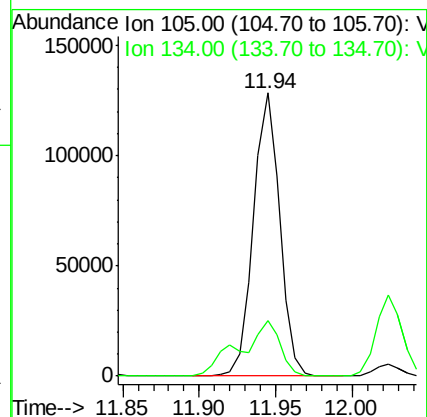
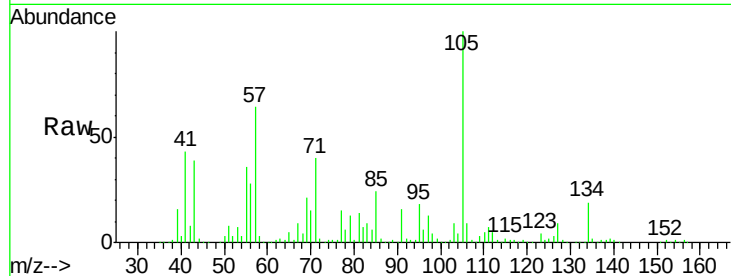
EP1-SB-E3-4R(14-17)

Tot Ion:105 Resp: 152690

Ion Ratio Lower Upper

105 100

134 30.4 9.7 28.9#



#86

p-Isopropyltoluene

Concen: 16.990 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009824.D

Acq: 23 May 2019 00:07

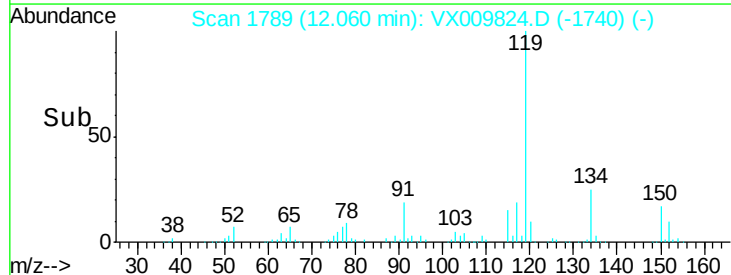
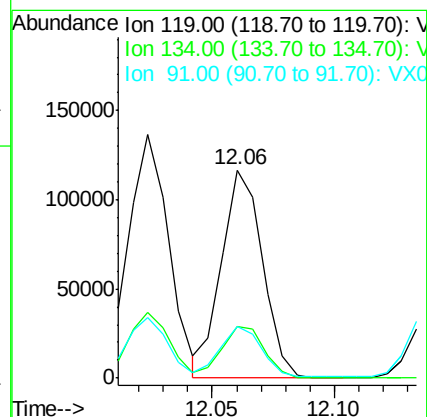
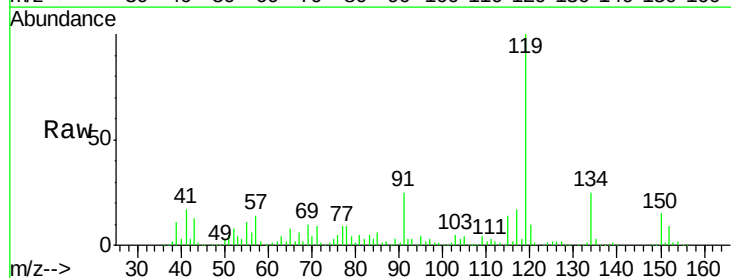
Tgt Ion:119 Resp: 136180

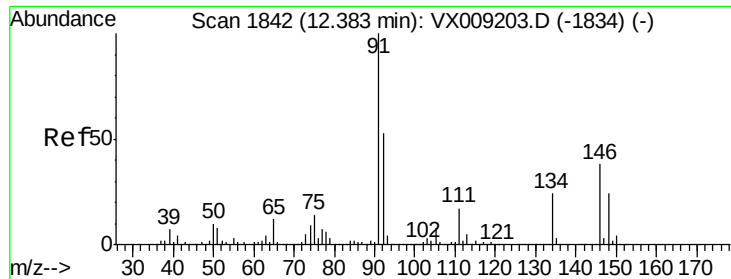
Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.7

91 24.2 11.8 35.4





#89

n-Butylbenzene

Concen: 29.583 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX009824.D

Acq: 23 May 2019 00:07

Instrument :

MSVOA_X

ClientSampleId :

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

Tot Ion: 91 Resp: 214317

Ion Ratio Lower Upper

91 100

92 38.8 26.5 79.5

134 78.6 12.4 37.2#

