

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061319\
 Data File : VX010276.D
 Acq On : 13 Jun 2019 16:36
 Operator : JC/SP
 Sample : K3274-05ME
 Misc : 4.85g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-13 0.5-1.0 060719ME

Quant Time: Jun 14 04:04:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

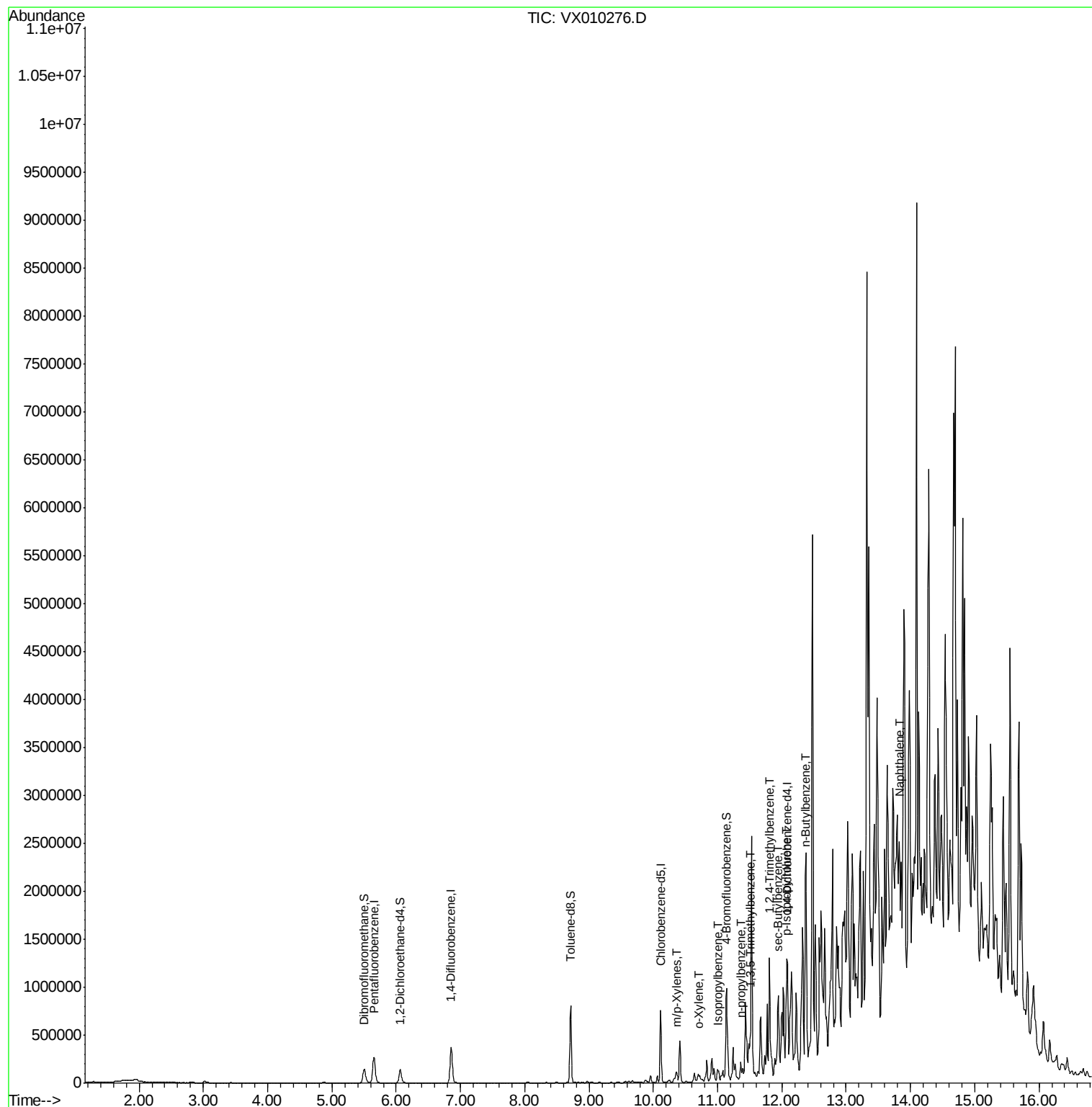
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	290394	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	442345	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	391010	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	209460	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	129733	45.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.54%	
35) Dibromofluoromethane	5.50	113	130978	48.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.00%	
50) Toluene-d8	8.71	98	508739	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
62) 4-Bromofluorobenzene	11.14	95	181635	47.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.12%	
Target Compounds						
					Qvalue	
68) m/p-Xylenes	10.36	106	23933	4.502	ug/l	87
69) o-Xylene	10.70	106	19301	3.652	ug/l	86
73) Isopropylbenzene	11.02	105	46263	3.164	ug/l	96
78) n-propylbenzene	11.36	91	115710	7.108	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	131969	10.716	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	489740	39.369	ug/l	94
85) sec-Butylbenzene	11.94	105	252874	17.413	ug/l	91
86) p-Isopropyltoluene	12.07	119	145499	10.960	ug/l	97
89) n-Butylbenzene	12.38	91	271670	23.773	ug/l #	25
95) Naphthalene	13.83	128	473640	29.853	ug/l #	91

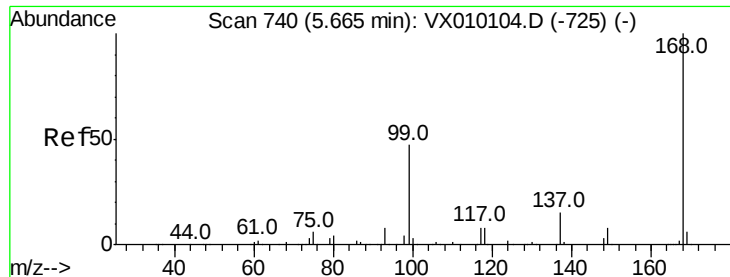
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-13 0.5-1.0 060719ME

Quant Time: Jun 14 04:04:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX010276.D

Acq: 13 Jun 2019 16:36

Instrument :

MSVOA_X

ClientSampleId :

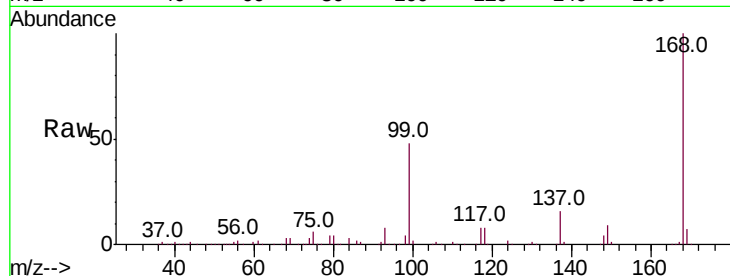
SB-13 0.5-1.0 060719ME

Tot Ion:168 Resp: 290394

Ion Ratio Lower Upper

168 100

99 47.9 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

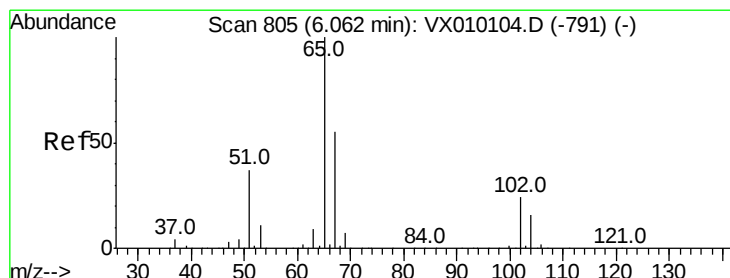
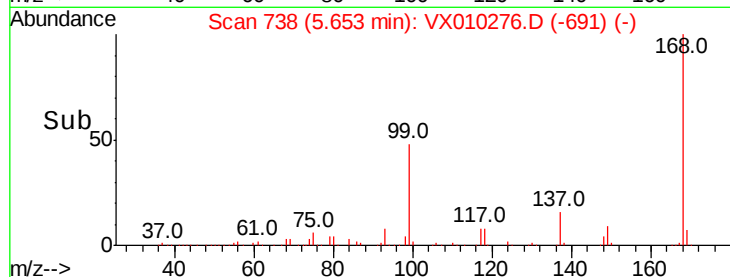
20000

0

5.65

5.50 5.60 5.70 5.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.768 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010276.D

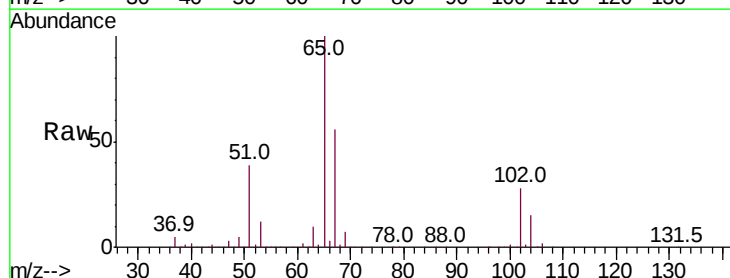
Acq: 13 Jun 2019 16:36

Tgt Ion: 65 Resp: 129733

Ion Ratio Lower Upper

65 100

67 55.4 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

50000

40000

30000

20000

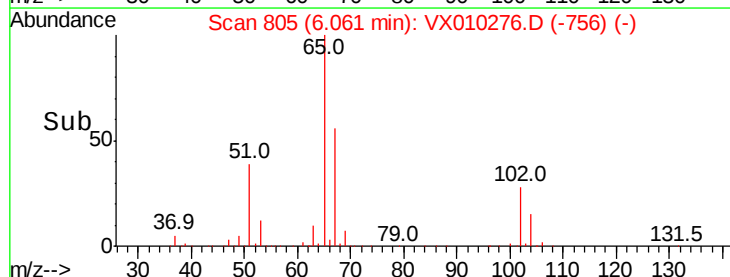
10000

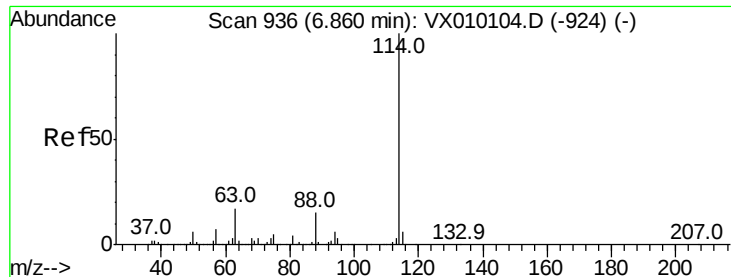
0

6.06

5.90 6.00 6.10 6.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010276.D

Acq: 13 Jun 2019 16:36

Instrument :

MSVOA_X

ClientSampleId :

SB-13 0.5-1.0 060719ME

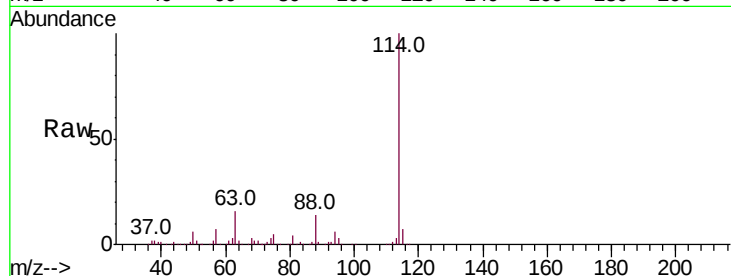
Tot Ion:114 Resp: 442345

Ion Ratio Lower Upper

114 100

63 16.2 0.0 47.4

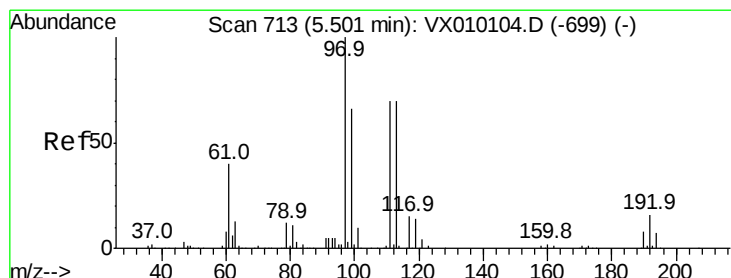
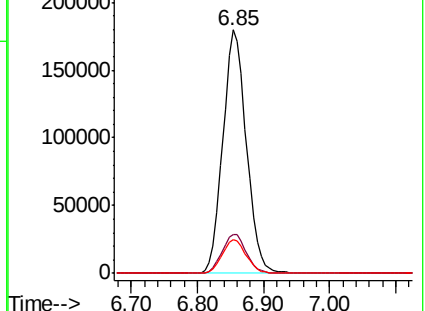
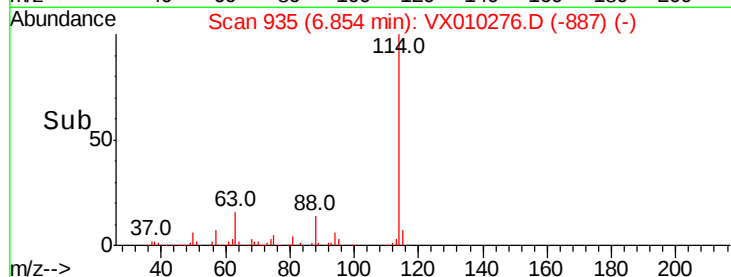
88 13.7 0.0 33.0



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: 48.004 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010276.D

Acq: 13 Jun 2019 16:36

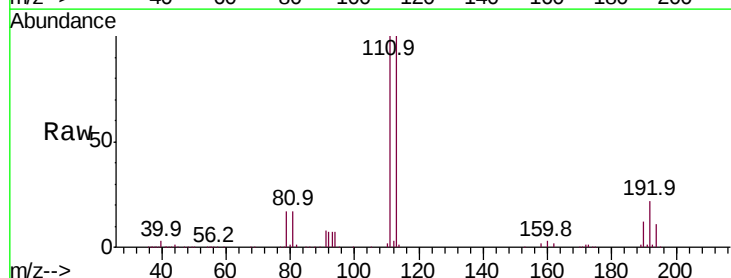
Tgt Ion:113 Resp: 130978

Ion Ratio Lower Upper

113 100

111 101.1 82.2 123.2

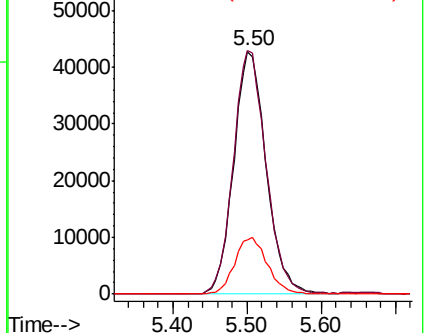
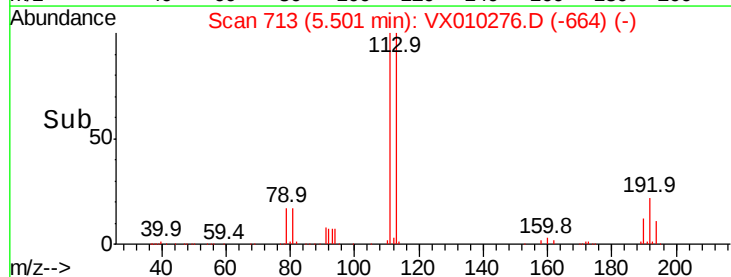
192 23.5 17.1 25.7

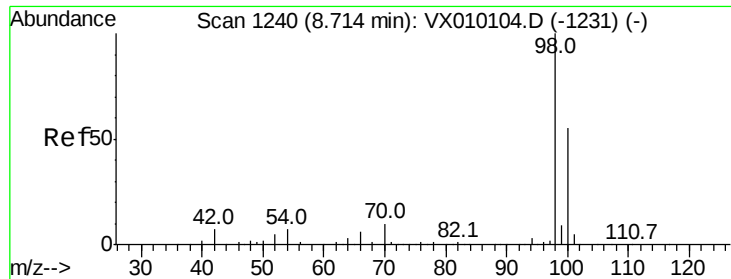


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.750 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010276.D

Acq: 13 Jun 2019 16:36

Instrument :

MSVOA_X

ClientSampleId :

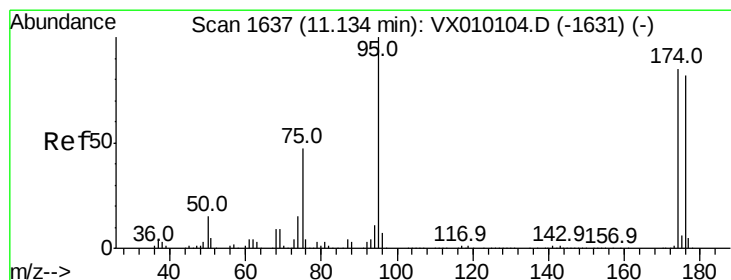
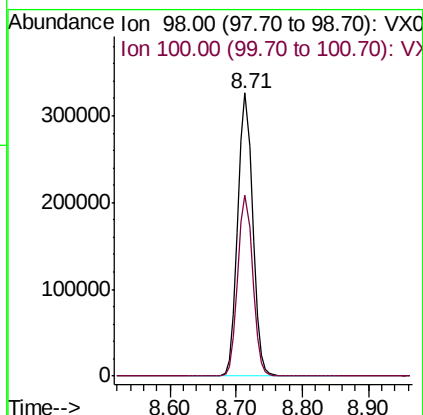
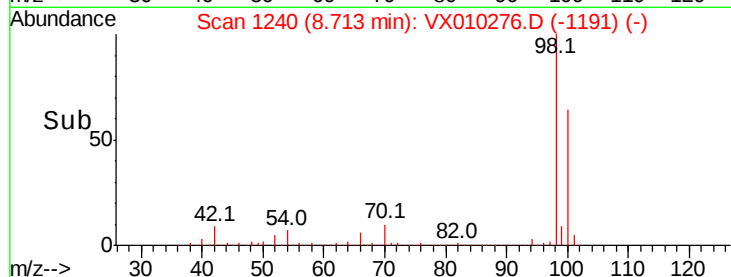
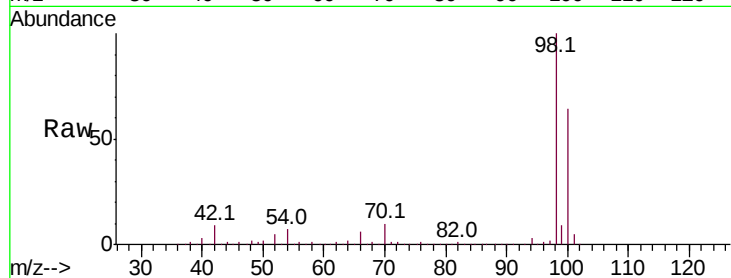
SB-13 0.5-1.0_060719ME

Tot Ion: 98 Resp: 508739

Ion Ratio Lower Upper

98 100

100 64.3 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 47.561 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX010276.D

Acq: 13 Jun 2019 16:36

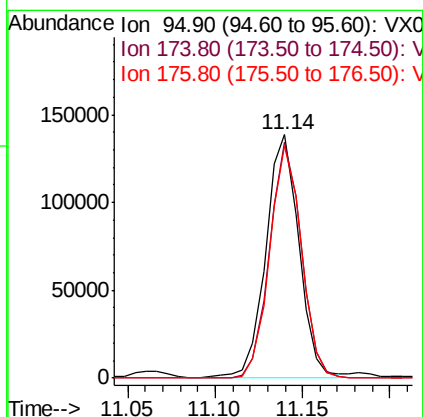
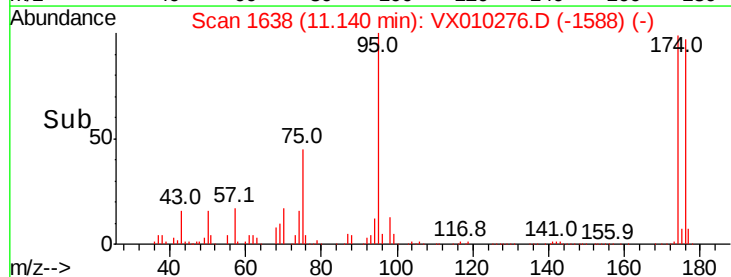
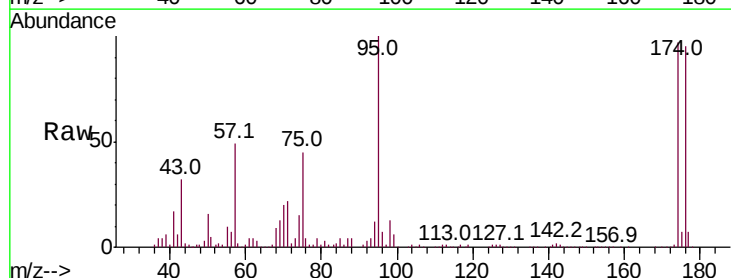
Tgt Ion: 95 Resp: 181635

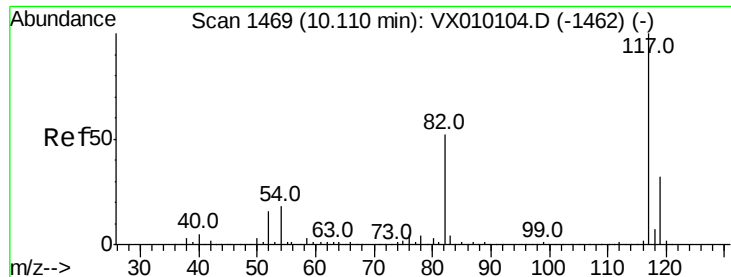
Ion Ratio Lower Upper

95 100

174 93.5 0.0 160.4

176 92.3 0.0 154.6

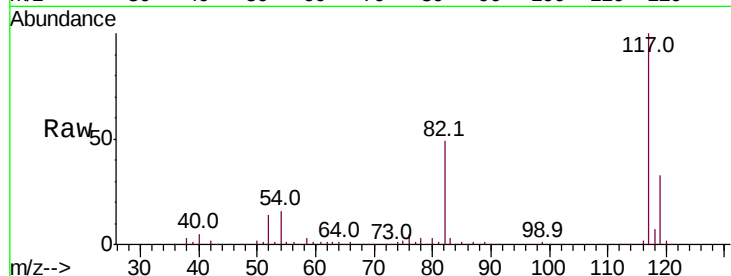




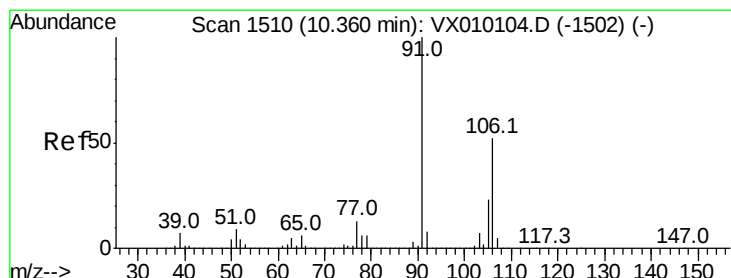
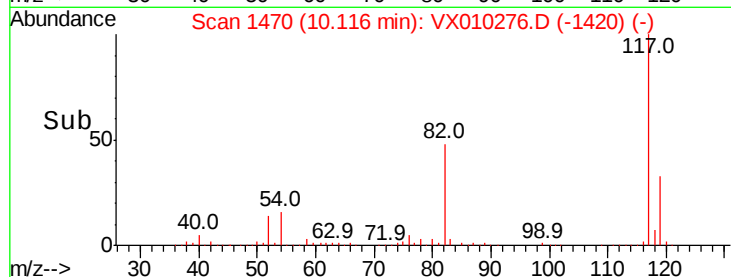
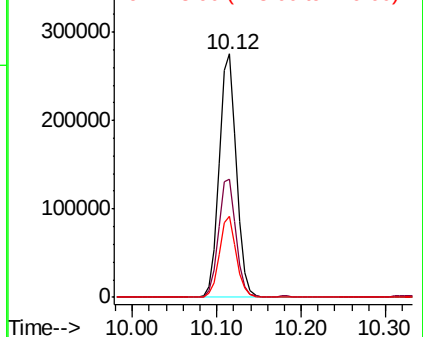
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX010276.D
Acq: 13 Jun 2019 16:36

Instrument :
MSVOA_X
ClientSampleId :
SB-13 0.5-1.0_060719ME

Tot Ion:117 Resp: 391010
Ion Ratio Lower Upper
117 100
82 48.4 49.2 73.8#
119 33.3 25.2 37.8

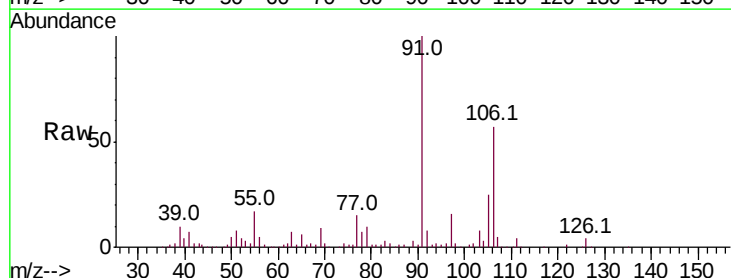


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

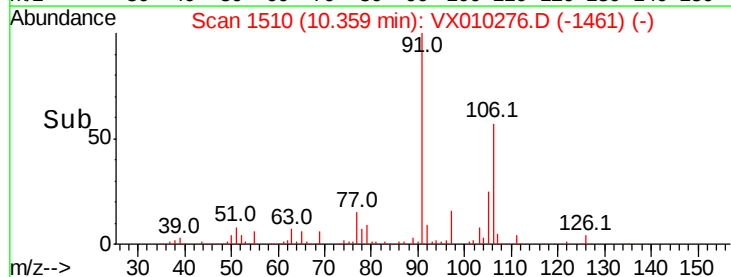
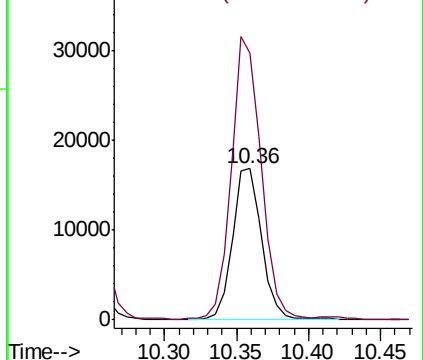


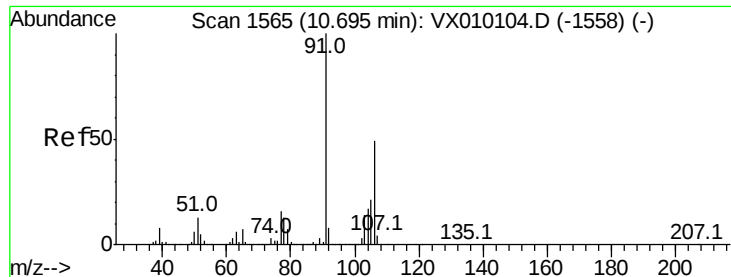
#68
m/p-Xylenes
Concen: 4.502 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010276.D
Acq: 13 Jun 2019 16:36

Tgt Ion:106 Resp: 23933
Ion Ratio Lower Upper
106 100
91 189.5 167.3 250.9



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

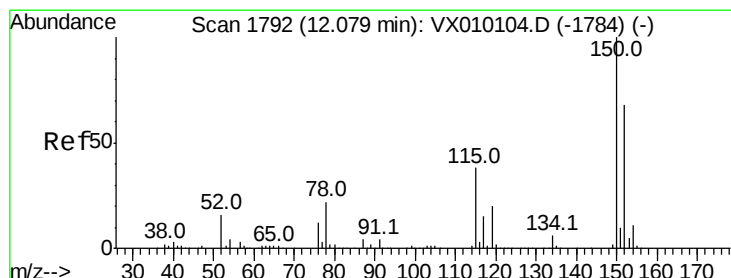
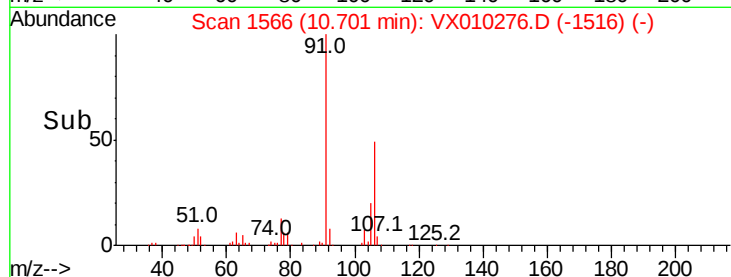
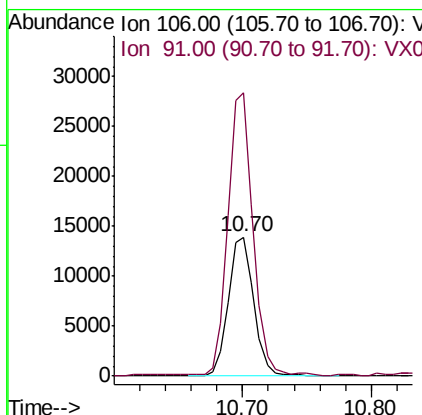
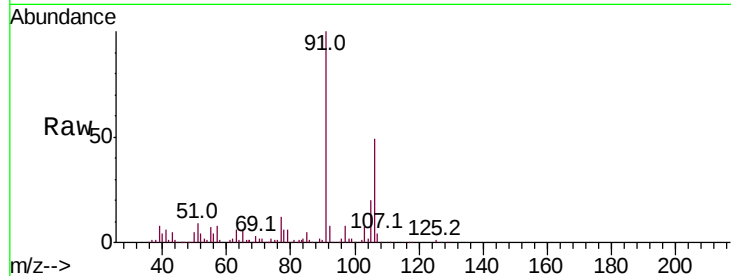




#69
o-Xylene
Concen: 3.652 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010276.D
Acq: 13 Jun 2019 16:36

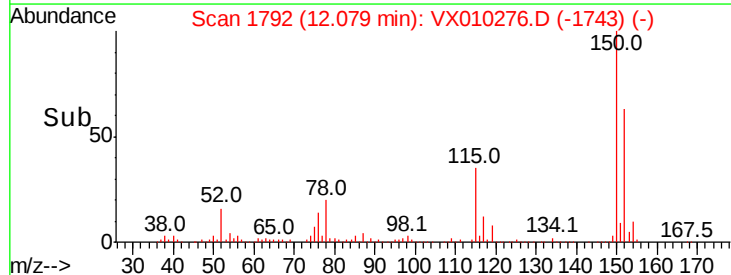
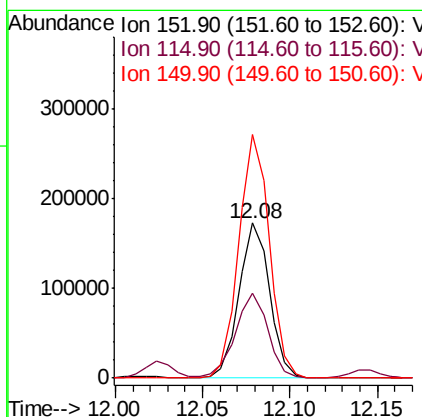
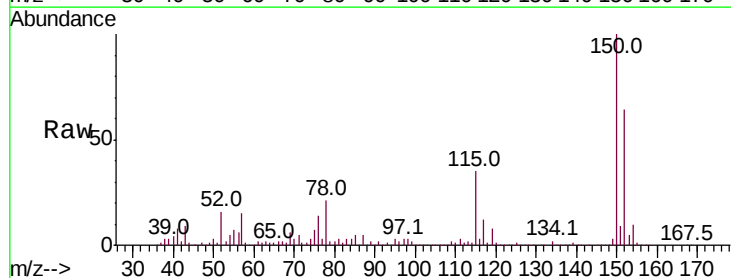
Instrument :
MSVOA_X
ClientSampleId :
SB-13 0.5-1.0_060719ME

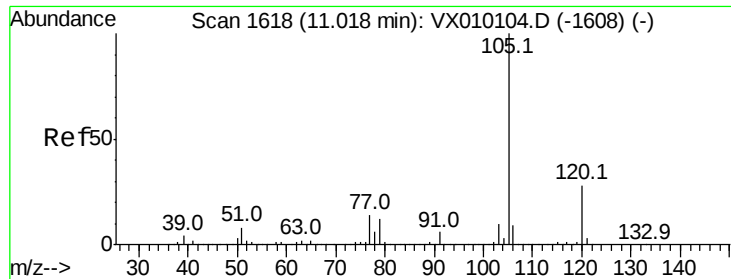
Tot Ion:106 Resp: 19301
Ion Ratio Lower Upper
106 100
91 198.4 110.4 331.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010276.D
Acq: 13 Jun 2019 16:36

Tgt Ion:152 Resp: 209460
Ion Ratio Lower Upper
152 100
115 58.4 41.4 124.2
150 157.2 0.0 345.2





#73

Isopropylbenzene

Concen: 3.164 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010276.D

Acq: 13 Jun 2019 16:36

Instrument :

MSVOA_X

ClientSampleId :

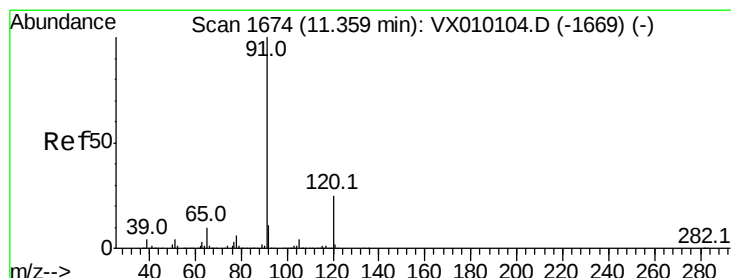
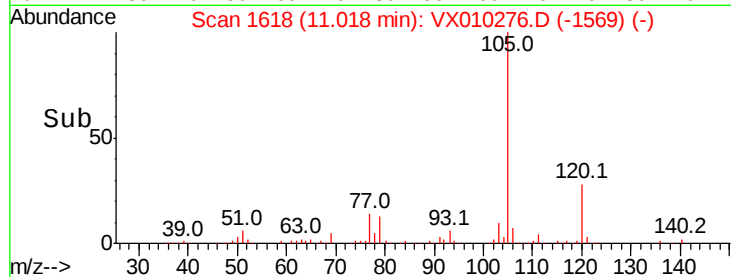
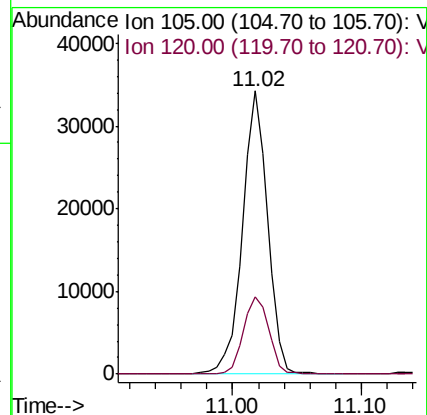
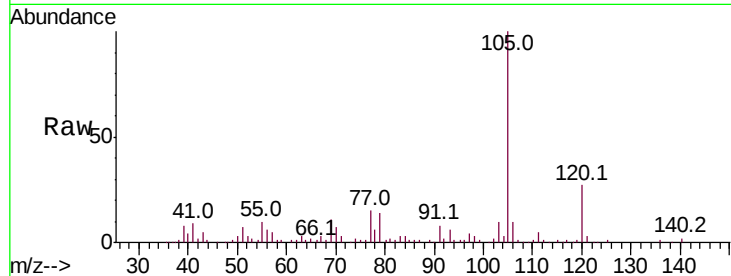
SB-13 0.5-1.0 060719ME

Tot Ion:105 Resp: 46263

Ion Ratio Lower Upper

105 100

120 27.6 12.8 38.4



#78

n-propylbenzene

Concen: 7.108 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010276.D

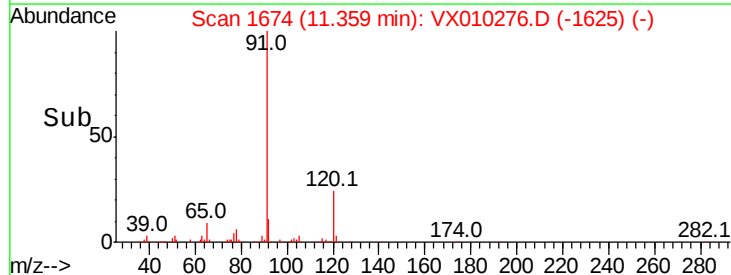
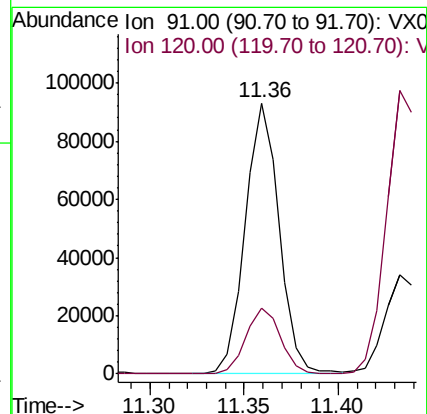
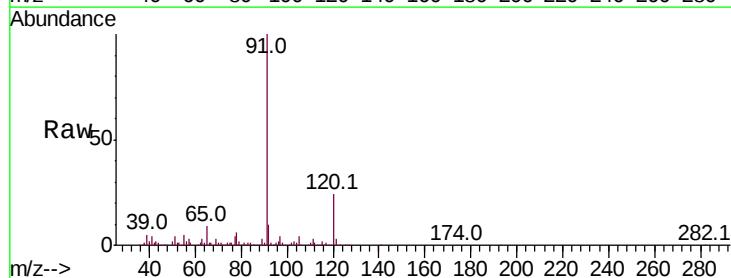
Acq: 13 Jun 2019 16:36

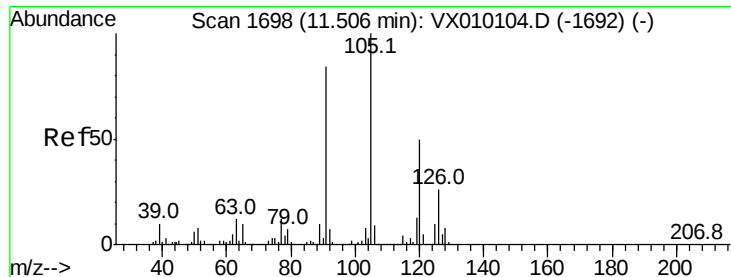
Tgt Ion: 91 Resp: 115710

Ion Ratio Lower Upper

91 100

120 24.7 11.1 33.3





#80

1,3,5-Trimethylbenzene

Concen: 10.716 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010276.D

Acq: 13 Jun 2019 16:36

Instrument :

MSVOA_X

ClientSampleId :

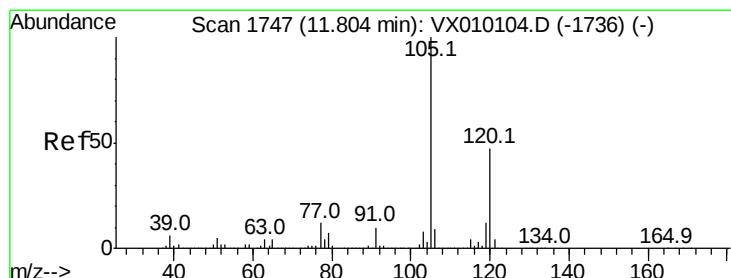
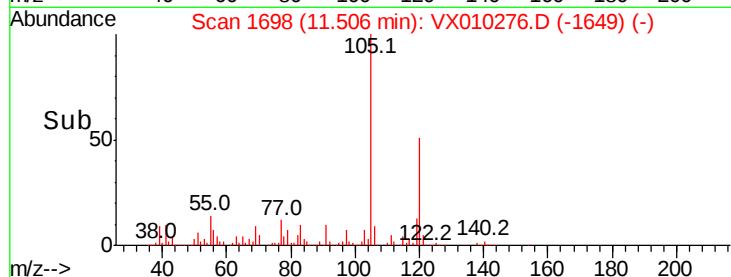
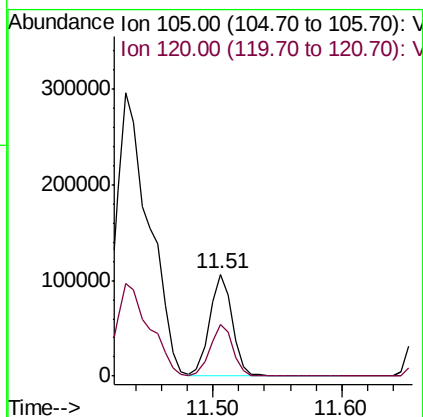
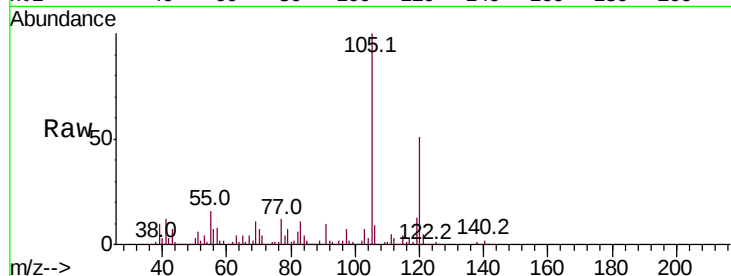
SB-13 0.5-1.0 060719ME

Tot Ion:105 Resp: 131969

Ion Ratio Lower Upper

105 100

120 50.8 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 39.369 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX010276.D

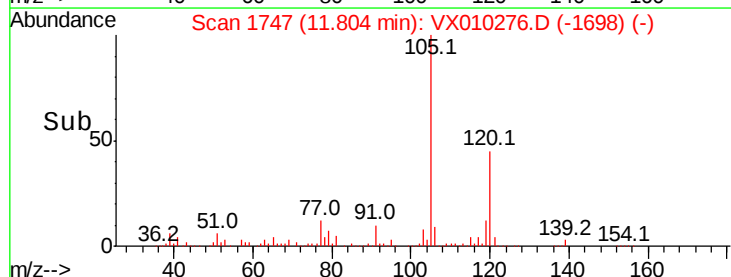
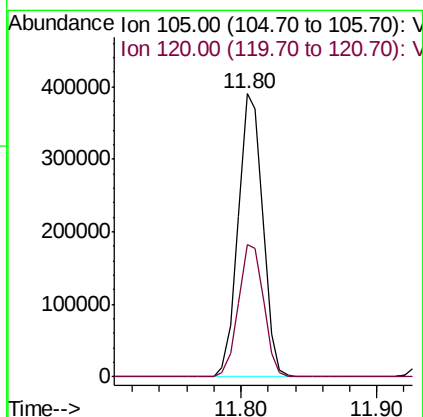
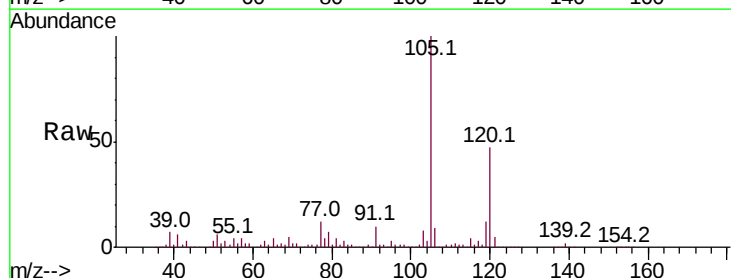
Acq: 13 Jun 2019 16:36

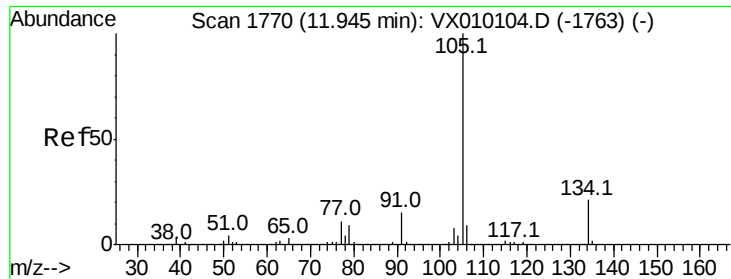
Tgt Ion:105 Resp: 489740

Ion Ratio Lower Upper

105 100

120 48.2 22.1 66.1

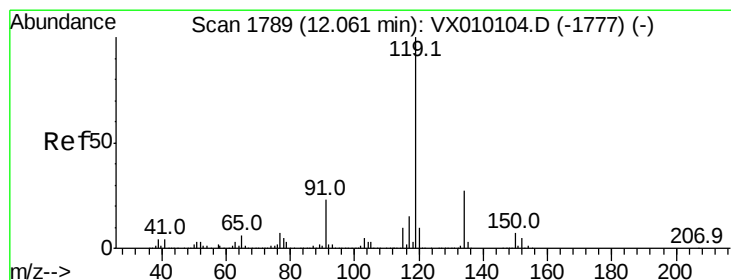
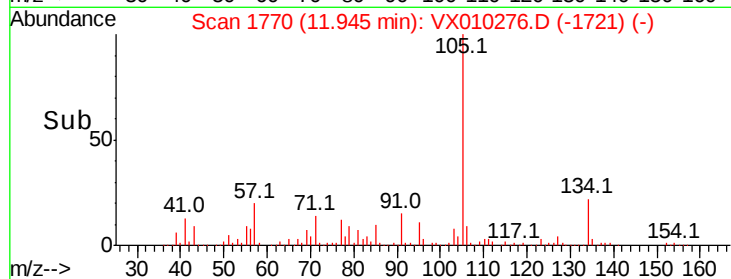
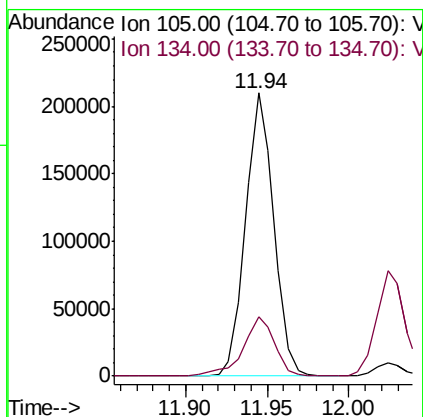
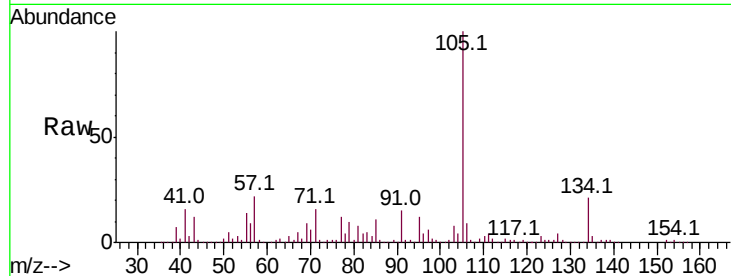




#85
 sec-Butylbenzene
 Concen: 17.413 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX010276.D
 Acq: 13 Jun 2019 16:36

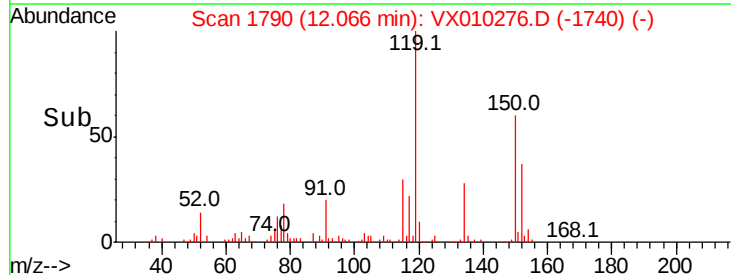
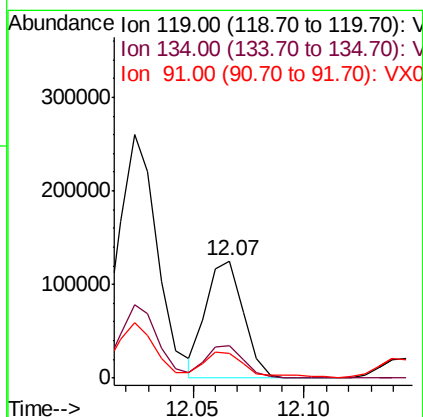
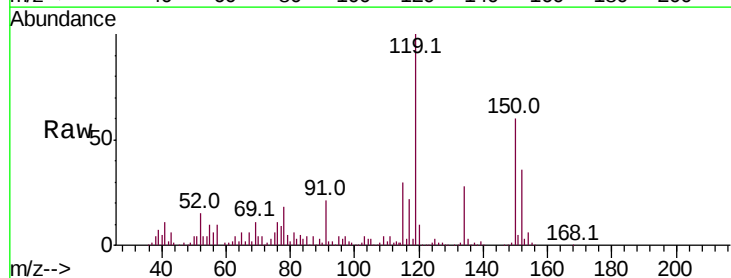
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-13 0.5-1.0 060719ME

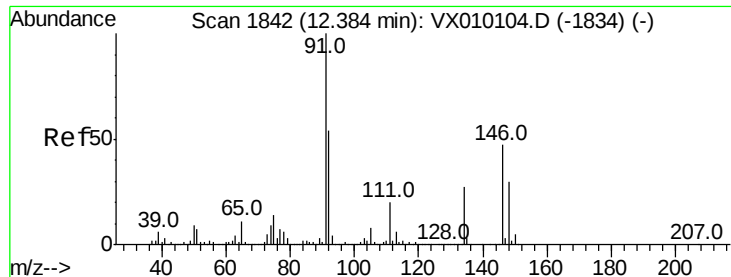
Tot Ion:105 Resp: 252874
 Ion Ratio Lower Upper
 105 100
 134 23.6 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 10.960 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.01 min
 Lab File: VX010276.D
 Acq: 13 Jun 2019 16:36

Tgt Ion:119 Resp: 145499
 Ion Ratio Lower Upper
 119 100
 134 28.3 12.9 38.6
 91 23.8 11.9 35.9





#89

n-Butylbenzene

Concen: 23.773 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX010276.D

Acq: 13 Jun 2019 16:36

Instrument :

MSVOA_X

ClientSampleId :

SB-13 0.5-1.0 060719ME

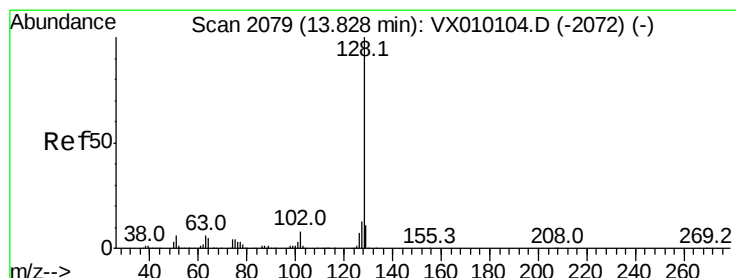
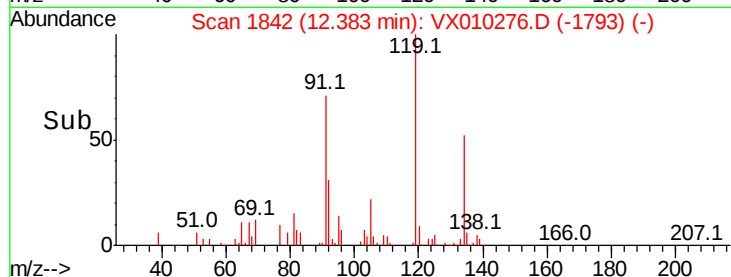
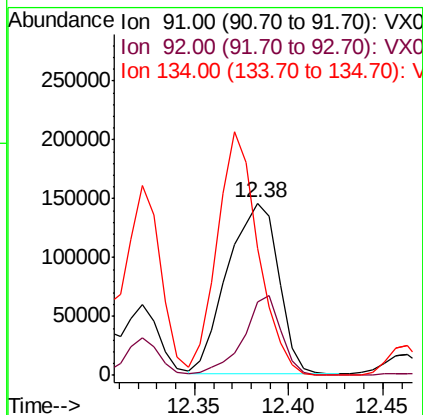
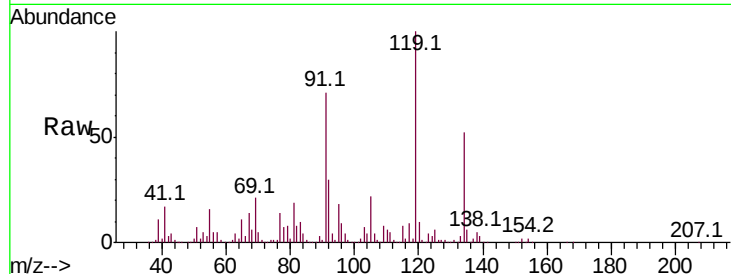
Tot Ion: 91 Resp: 271670

Ion Ratio Lower Upper

91 100

92 34.4 26.3 78.8

134 114.4 12.3 36.8#



#95

Naphthalene

Concen: 29.853 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX010276.D

Acq: 13 Jun 2019 16:36

Tgt Ion:128 Resp: 473640

Ion Ratio Lower Upper

128 100

127 14.6 10.6 16.0

129 16.8 8.8 13.2#

