

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080619\
 Data File : VX011350.D
 Acq On : 06 Aug 2019 14:46
 Operator : JC/SP
 Sample : K4155-01
 Misc : 1.0uL/10mL/100uL/10mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TS-01_080219

Quant Time: Aug 07 01:48:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	204747	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	290973	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	245983	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	142273	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	97164	47.12	ug/l	0.00
Spiked Amount			Recovery	=	94.24%	
35) Dibromofluoromethane	5.49	113	79514	41.86	ug/l	0.00
Spiked Amount			Recovery	=	83.72%	
50) Toluene-d8	8.71	98	347415	48.45	ug/l	0.00
Spiked Amount			Recovery	=	96.90%	
62) 4-Bromofluorobenzene	11.13	95	133712	52.23	ug/l	0.00
Spiked Amount			Recovery	=	104.46%	

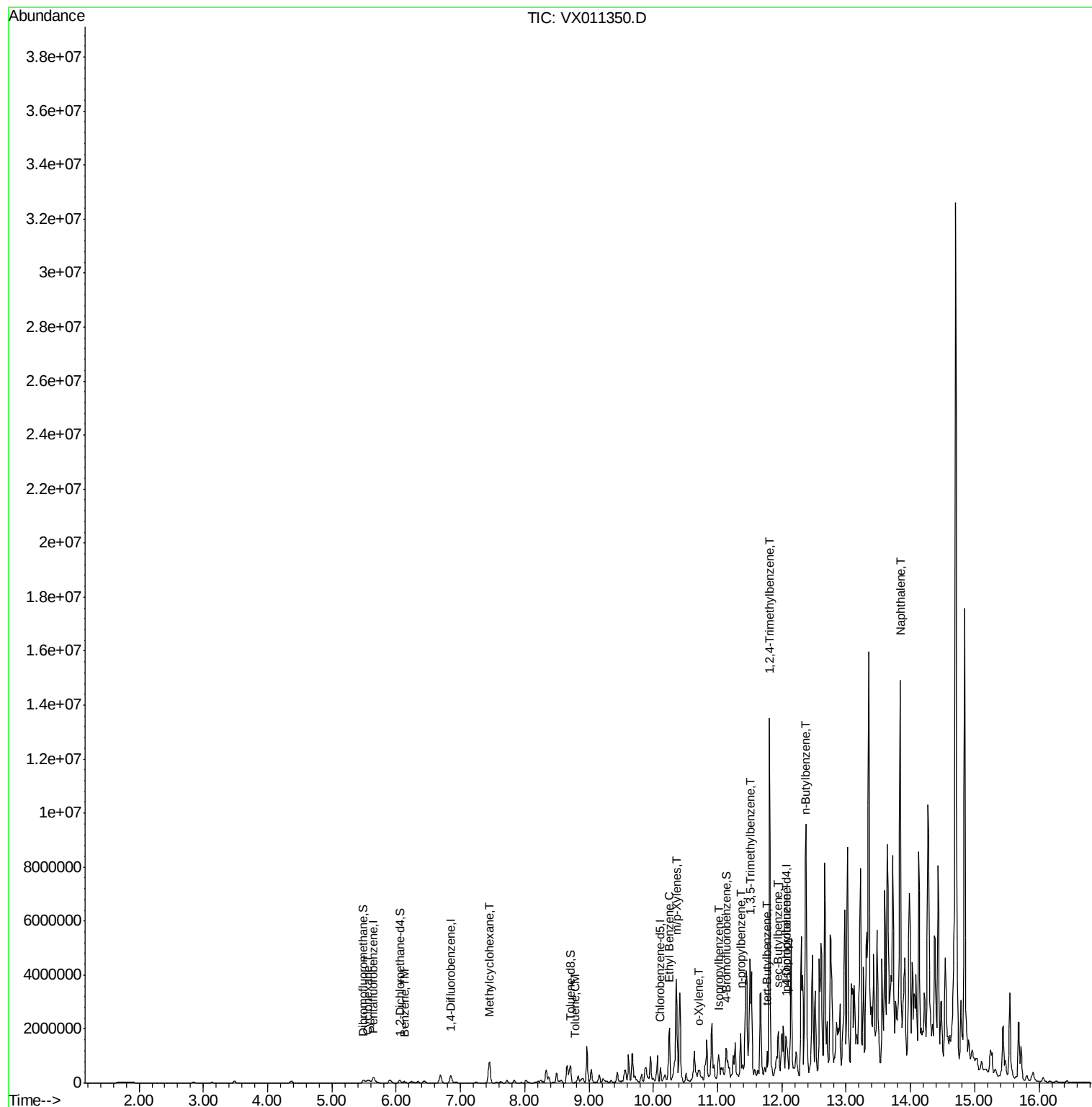
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.56	56	78478	29.555	ug/l	90
39) Methylcyclohexane	7.45	83	369818	122.810	ug/l	98
40) Benzene	6.12	78	68098	8.983	ug/l	99
52) Toluene	8.78	92	6886	1.374	ug/l	87
67) Ethyl Benzene	10.25	91	1059731	119.975	ug/l	99
68) m/p-Xylenes	10.36	106	815189	238.598	ug/l	97
69) o-Xylene	10.69	106	62219	18.535	ug/l	99
73) Isopropylbenzene	11.02	105	433287	44.529	ug/l	100
78) n-propylbenzene	11.36	91	1015036	93.803	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1719123	211.054	ug/l	99
83) tert-Butylbenzene	11.77	119	34698	4.343	ug/l	93
84) 1,2,4-Trimethylbenzene	11.81	105	5702293	703.136	ug/l	98
85) sec-Butylbenzene	11.94	105	587341	61.193	ug/l	96
86) p-Isopropyltoluene	12.06	119	531037	60.140	ug/l	99
89) n-Butylbenzene	12.38	91	1386517	182.259	ug/l #	32
95) Naphthalene	13.84	128	8921528	960.320	ug/l	96

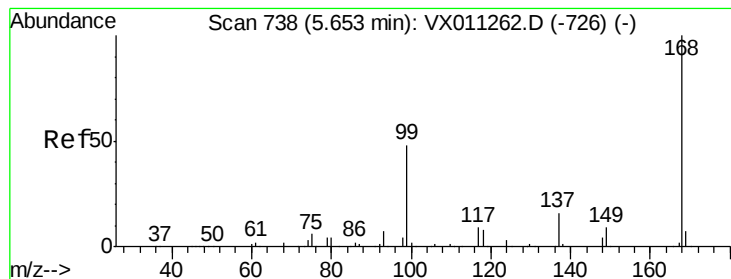
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080619\
Data File : VX011350.D
Acq On : 06 Aug 2019 14:46
Operator : JC/SP
Sample : K4155-01
Misc : 1.0g/10mL/100uL/10mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TS-01_080219

Quant Time: Aug 07 01:48:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 737

Delta R.T. -0.01 min

Lab File: VX011350.D

Acq: 06 Aug 2019 14:46

Instrument :

MSVOA_X

ClientSampleId :

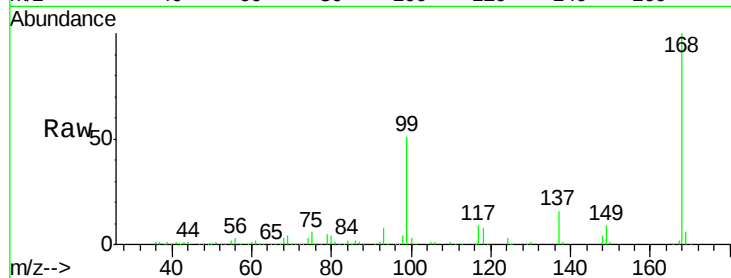
TS-01_080219

Tot Ion:168 Resp: 204747

Ion Ratio Lower Upper

168 100

99 51.4 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

60000

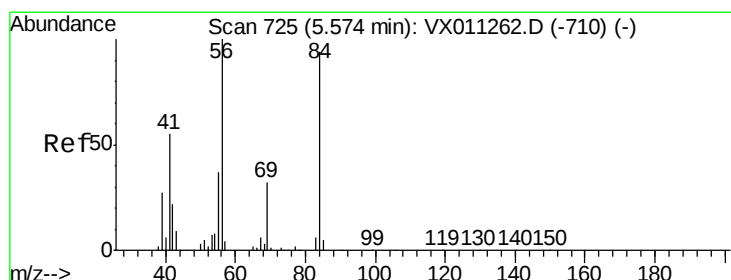
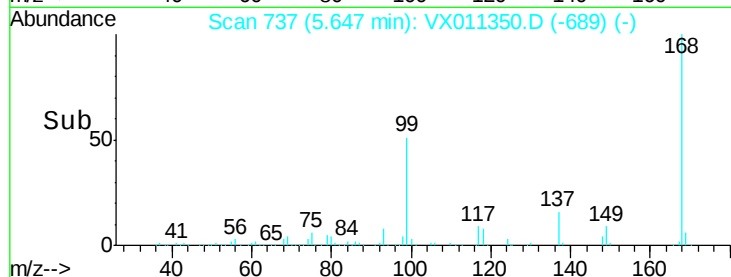
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#31

Cyclohexane

Concen: 29.555 ug/l

RT: 5.56 min Scan# 723

Delta R.T. -0.01 min

Lab File: VX011350.D

Acq: 06 Aug 2019 14:46

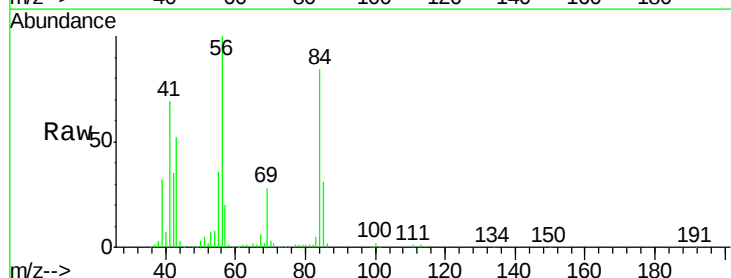
Tgt Ion: 56 Resp: 78478

Ion Ratio Lower Upper

56 100

69 25.6 25.5 38.3

84 84.8 75.0 112.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

5.56

25000

20000

15000

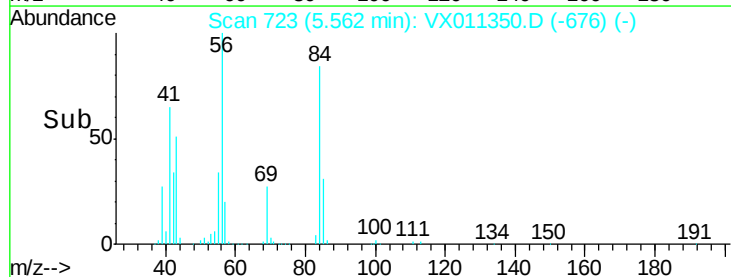
10000

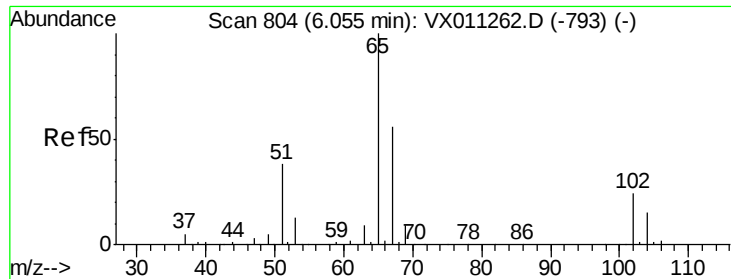
5000

0

Time-->

5.50 5.60





#33

1,2-Dichloroethane-d4

Concen: 47.123 ug/l

RT: 6.05 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX011350.D

Acq: 06 Aug 2019 14:46

Instrument :

MSVOA_X

ClientSampleId :

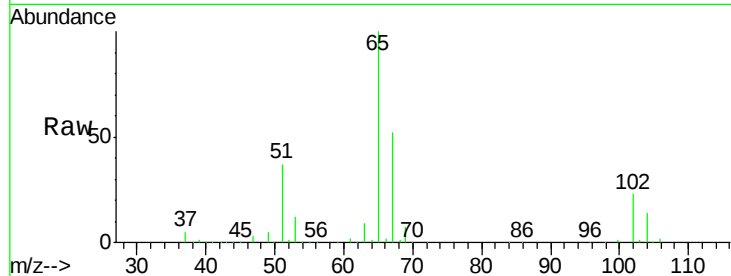
TS-01_080219

Tot Ion: 65 Resp: 97164

Ion Ratio Lower Upper

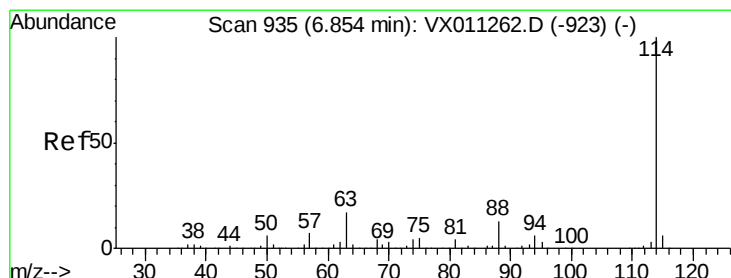
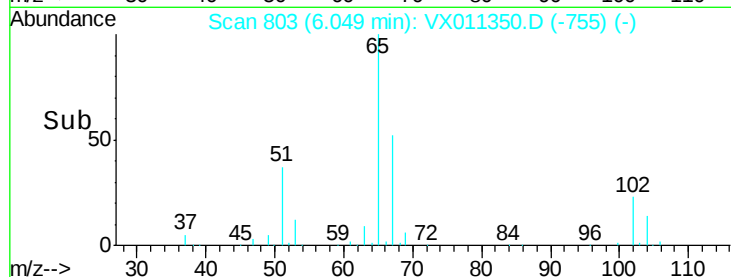
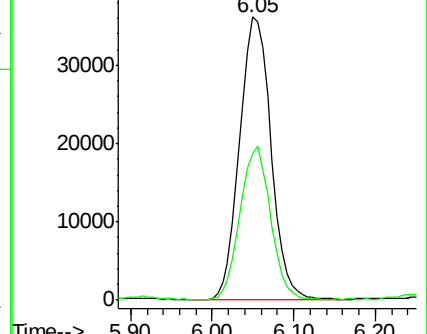
65 100

67 53.0 0.0 110.6



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: 6.85 min Scan# 934

Delta R.T. -0.01 min

Lab File: VX011350.D

Acq: 06 Aug 2019 14:46

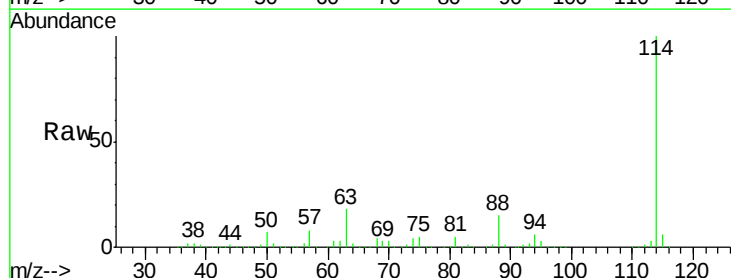
Tgt Ion: 114 Resp: 290973

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.0

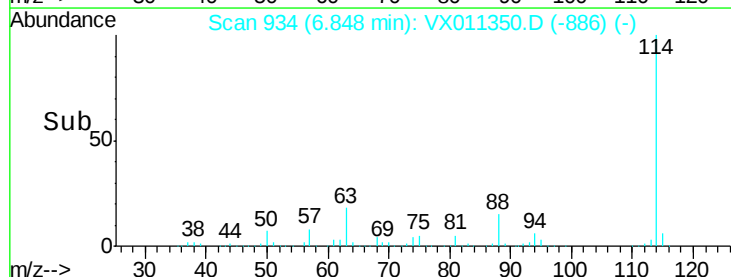
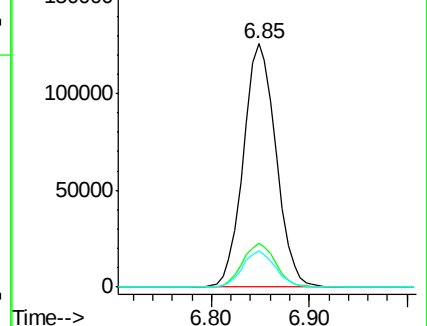
88 14.8 0.0 26.4

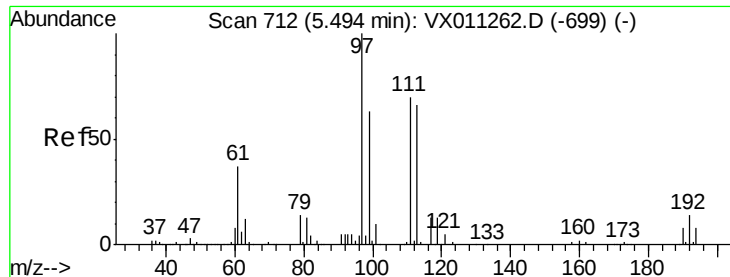


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 41.856 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011350.D

Acq: 06 Aug 2019 14:46

Instrument :

MSVOA_X

ClientSampleId :

TS-01_080219

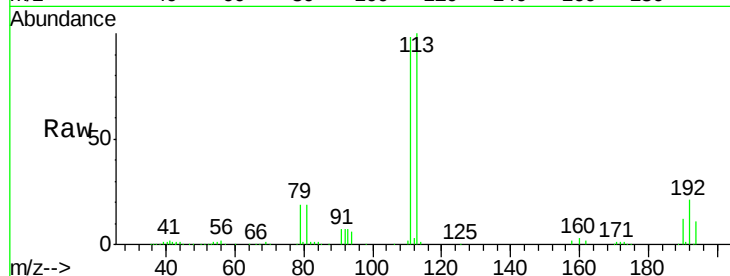
Tot Ion:113 Resp: 79514

Ion Ratio Lower Upper

113 100

111 101.7 81.9 122.9

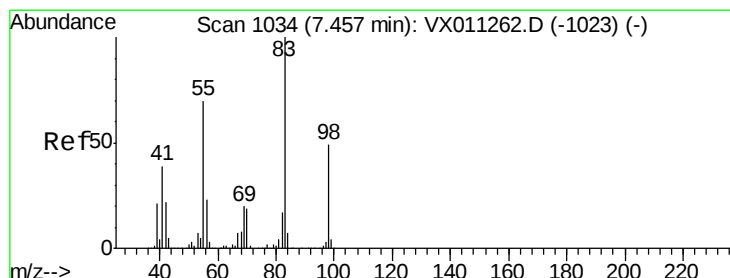
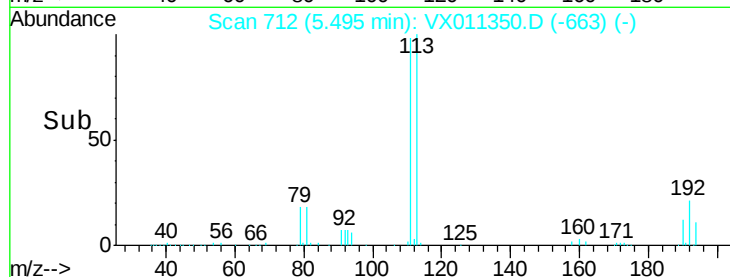
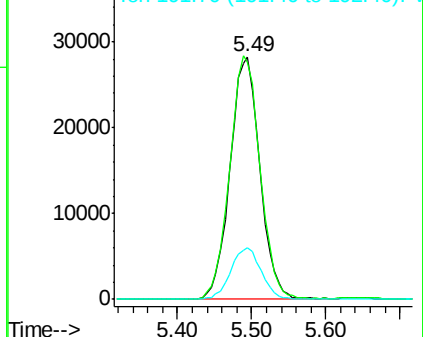
192 21.7 17.8 26.8



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



#39

Methylcyclohexane

Concen: 122.810 ug/l

RT: 7.45 min Scan# 1033

Delta R.T. -0.01 min

Lab File: VX011350.D

Acq: 06 Aug 2019 14:46

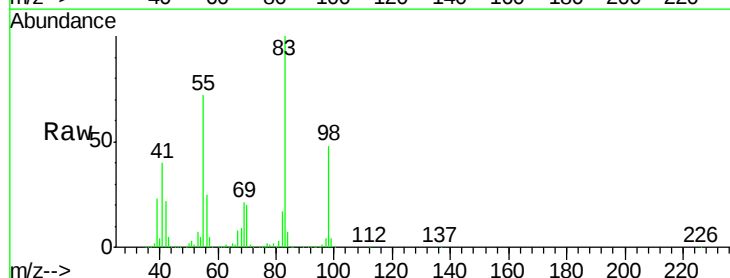
Tgt Ion: 83 Resp: 369818

Ion Ratio Lower Upper

83 100

55 71.9 56.1 84.1

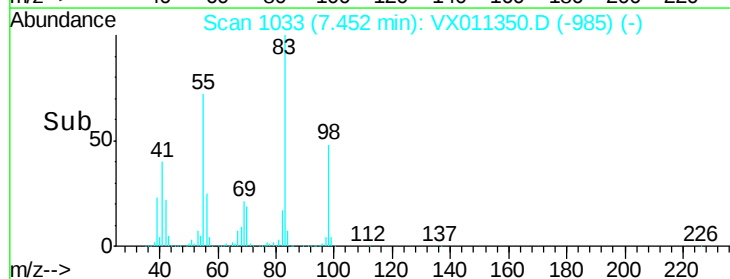
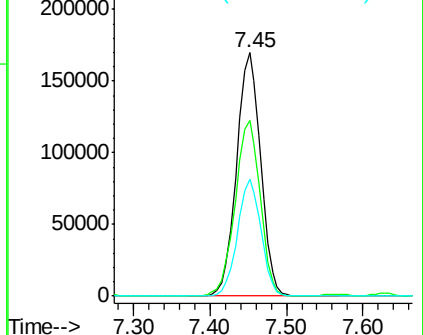
98 48.0 39.0 58.4

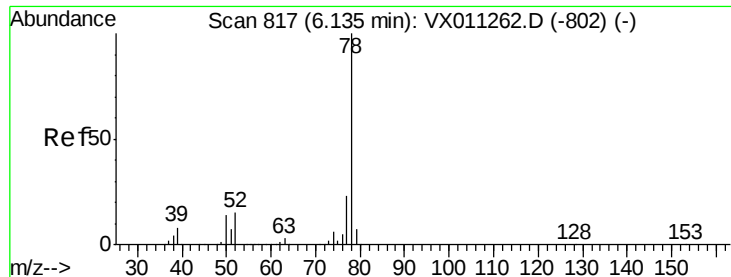


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 8.983 ug/l

RT: 6.12 min Scan# 815

Delta R.T. -0.01 min

Lab File: VX011350.D

Acq: 06 Aug 2019 14:46

Instrument :

MSVOA_X

ClientSampleId :

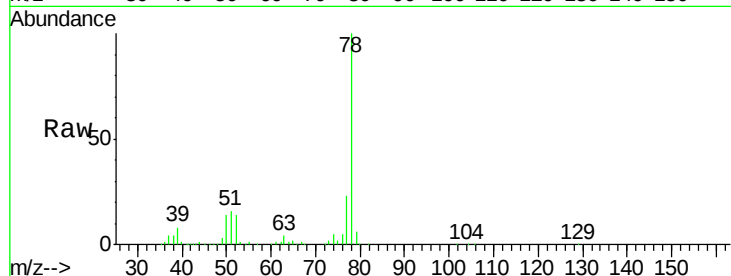
TS-01_080219

Tot Ion: 78 Resp: 68098

Ion Ratio Lower Upper

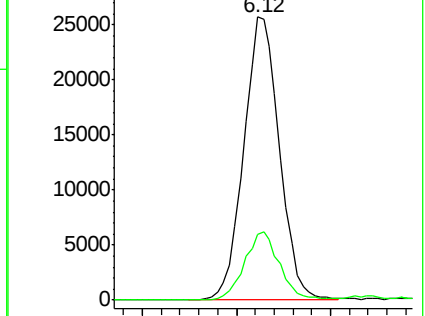
78 100

77 23.4 18.2 27.2

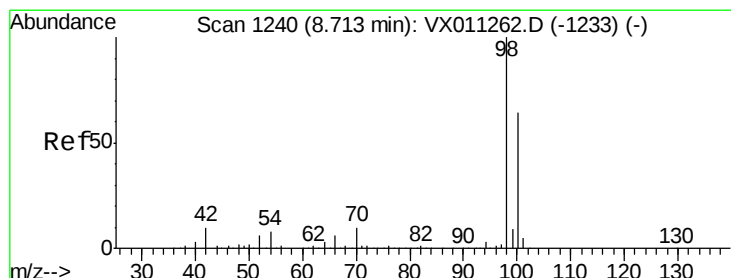
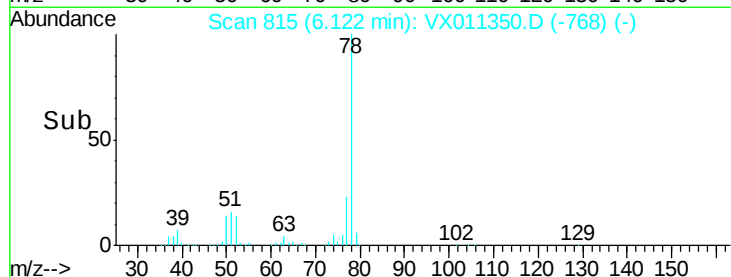


Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



Time-->



#50

Toluene-d8

Concen: 48.449 ug/l

RT: 8.71 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VX011350.D

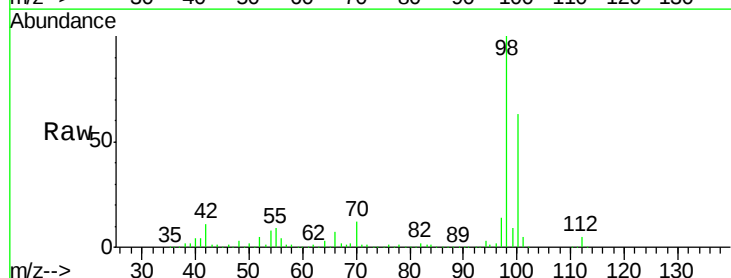
Acq: 06 Aug 2019 14:46

Tgt Ion: 98 Resp: 347415

Ion Ratio Lower Upper

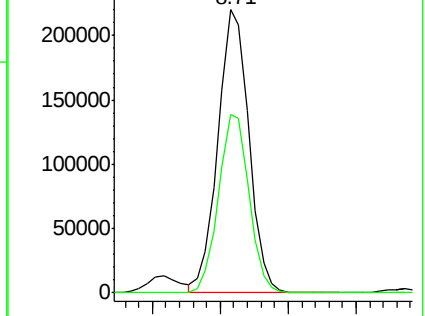
98 100

100 62.5 51.7 77.5

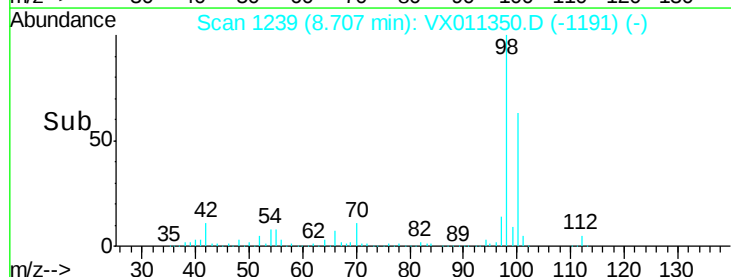


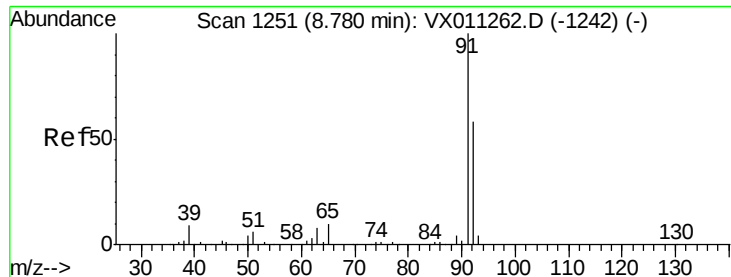
Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



Time-->





#52

Toluene

Concen: 1.374 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011350.D

Acq: 06 Aug 2019 14:46

Instrument :

MSVOA_X

ClientSampleId :

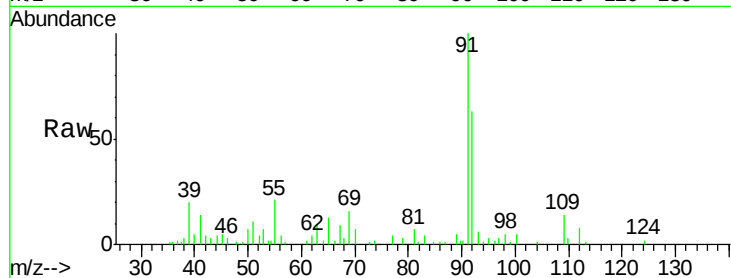
TS-01_080219

Tot Ion: 92 Resp: 6886

Ion Ratio Lower Upper

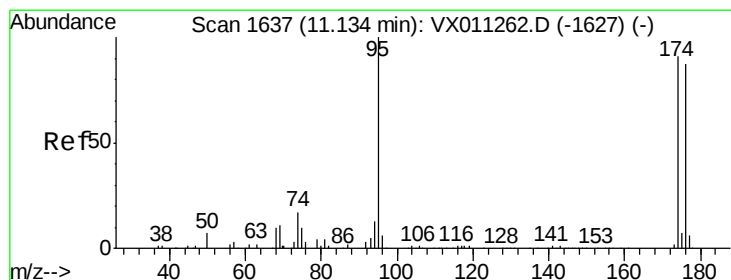
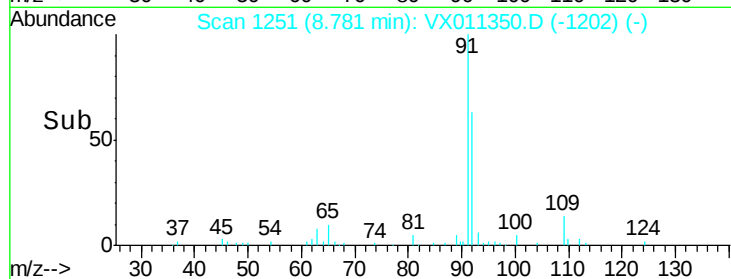
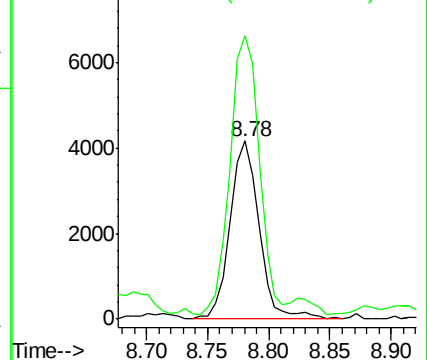
92 100

91 156.6 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 52.228 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011350.D

Acq: 06 Aug 2019 14:46

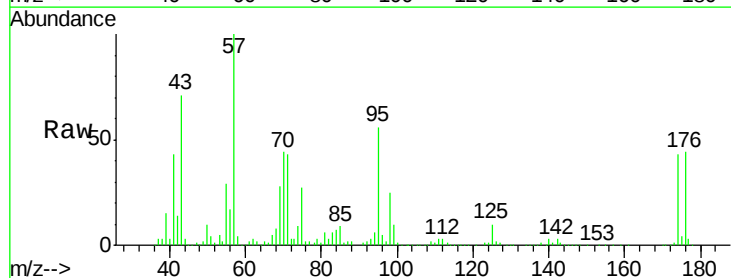
Tgt Ion: 95 Resp: 133712

Ion Ratio Lower Upper

95 100

174 79.0 0.0 191.2

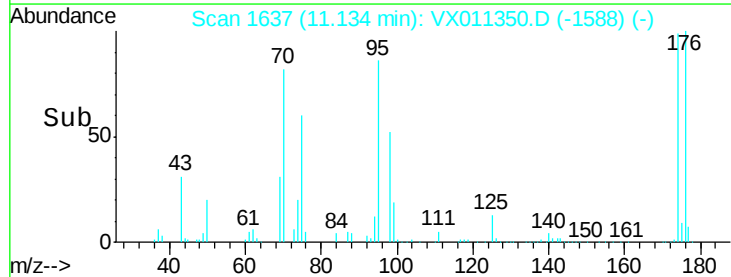
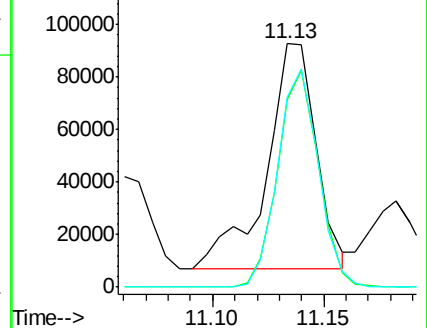
176 78.8 0.0 184.8

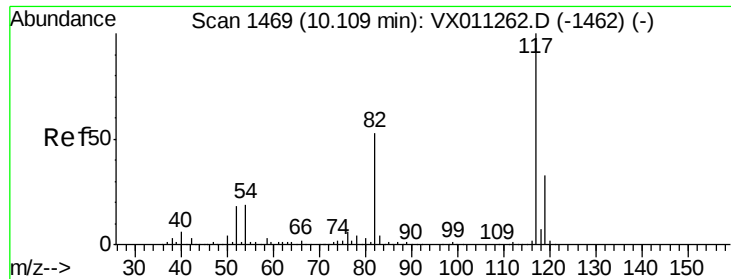


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

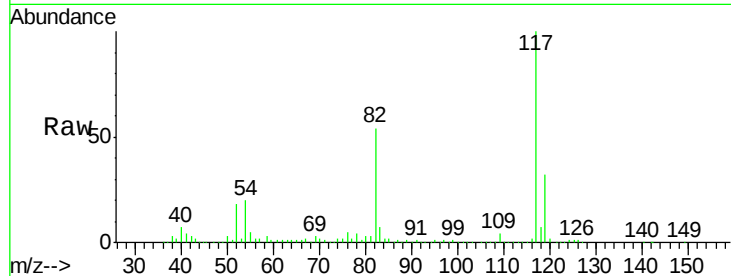




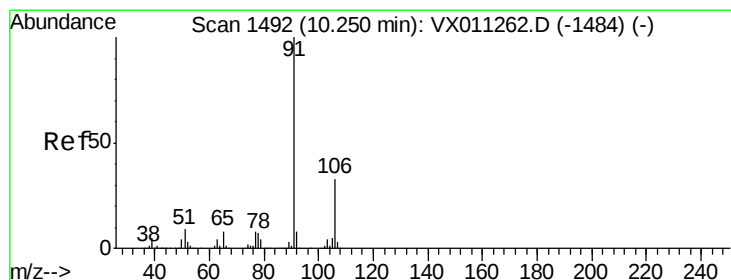
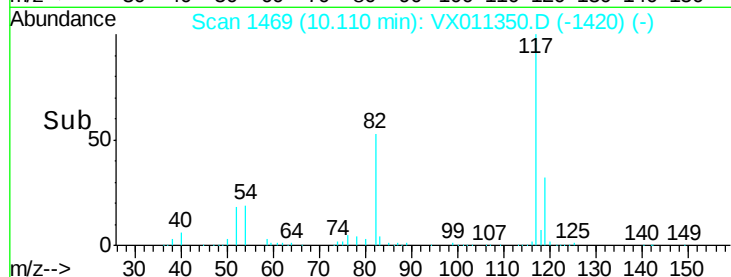
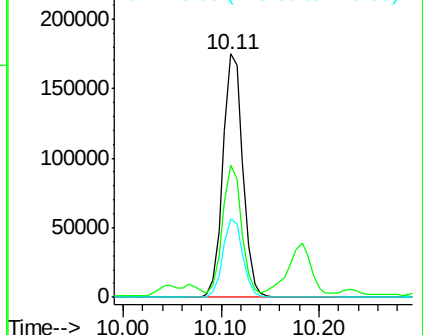
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011350.D
Acq: 06 Aug 2019 14:46

Instrument :
MSVOA_X
ClientSampleId :
TS-01_080219

Tot Ion:117 Resp: 245983
Ion Ratio Lower Upper
117 100
82 52.2 42.2 63.2
119 32.5 26.6 39.8

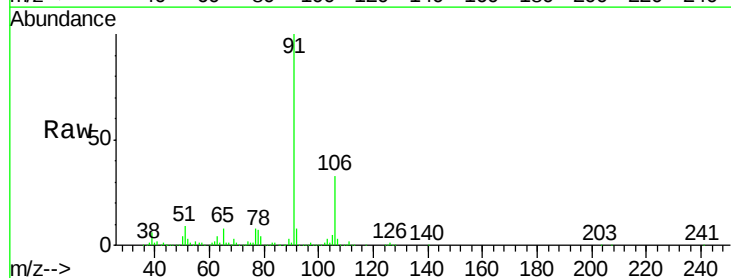


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

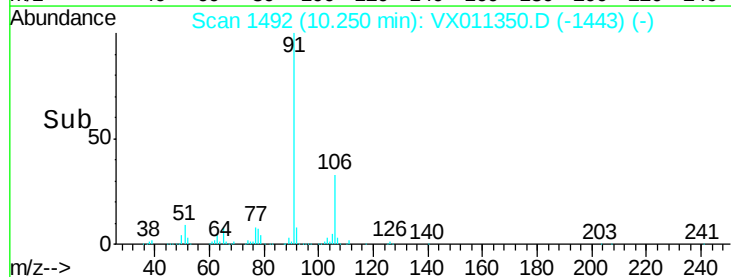
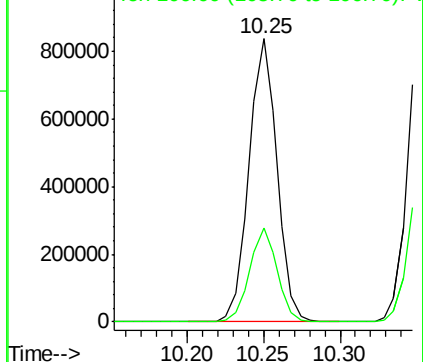


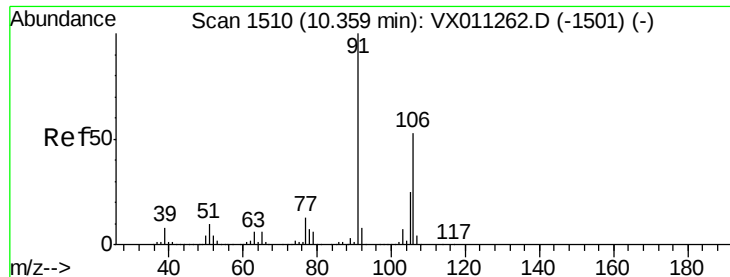
#67
Ethyl Benzene
Concen: 119.975 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011350.D
Acq: 06 Aug 2019 14:46

Tgt Ion: 91 Resp: 1059731
Ion Ratio Lower Upper
91 100
106 33.1 26.2 39.4



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

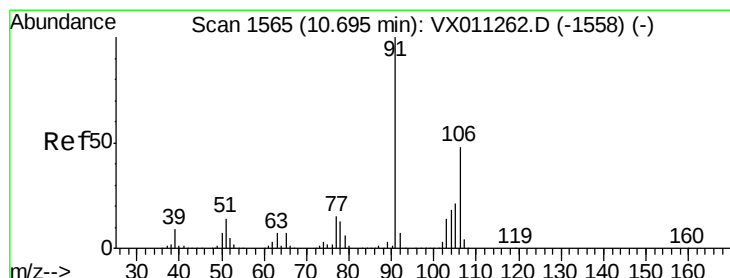
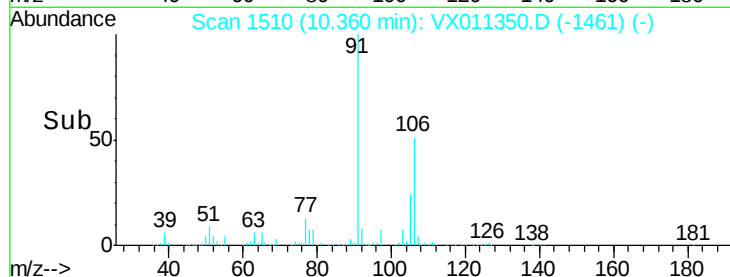
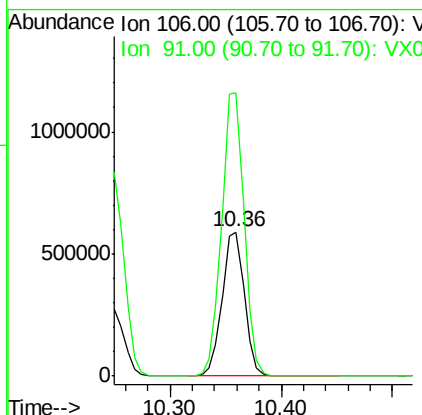
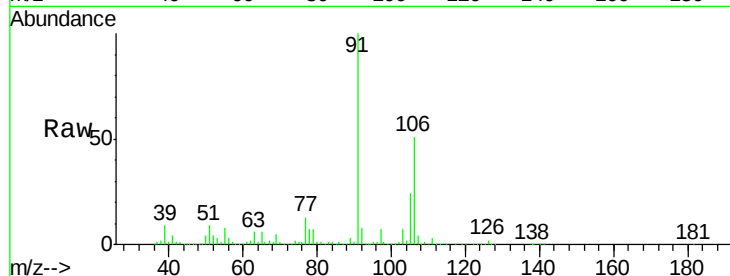




#68
m/p-Xylenes
Concen: 238.598 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX011350.D
Acq: 06 Aug 2019 14:46

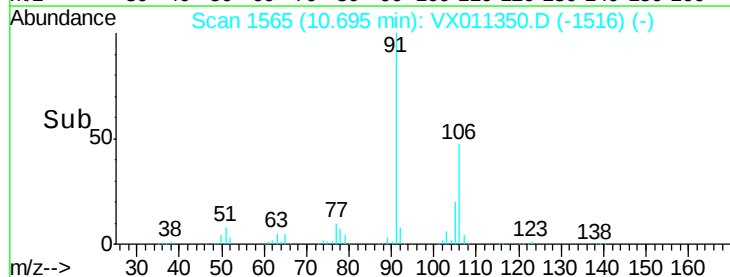
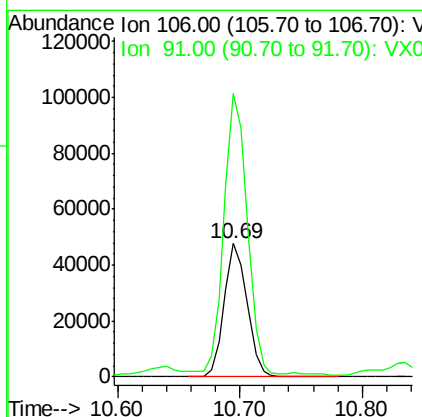
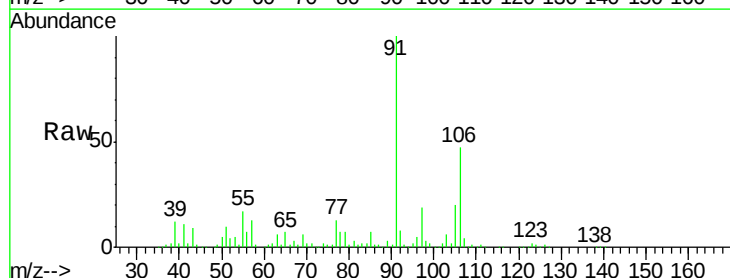
Instrument :
MSVOA_X
ClientSampleId :
TS-01_080219

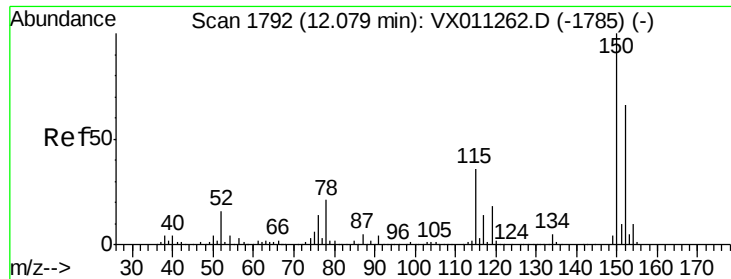
Tot Ion:106 Resp: 815189
Ion Ratio Lower Upper
106 100
91 199.7 155.9 233.9



#69
o-Xylene
Concen: 18.535 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011350.D
Acq: 06 Aug 2019 14:46

Tgt Ion:106 Resp: 62219
Ion Ratio Lower Upper
106 100
91 209.6 103.8 311.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX011350.D

Acq: 06 Aug 2019 14:46

Instrument :

MSVOA_X

ClientSampleId :

TS-01_080219

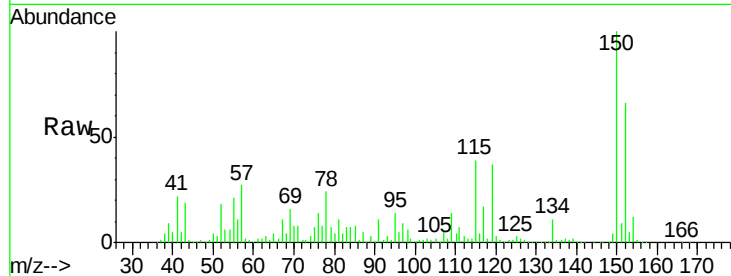
Tot Ion:152 Resp: 142273

Ion Ratio Lower Upper

152 100

115 82.8 40.0 119.9

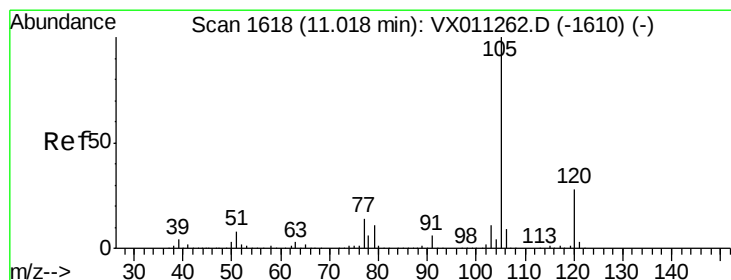
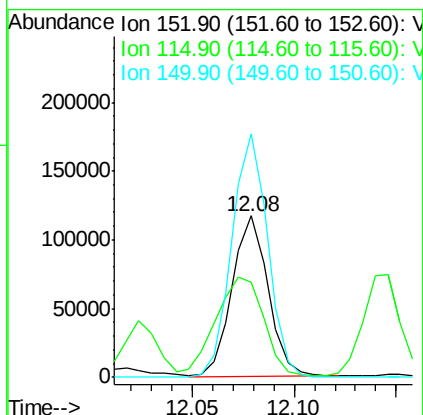
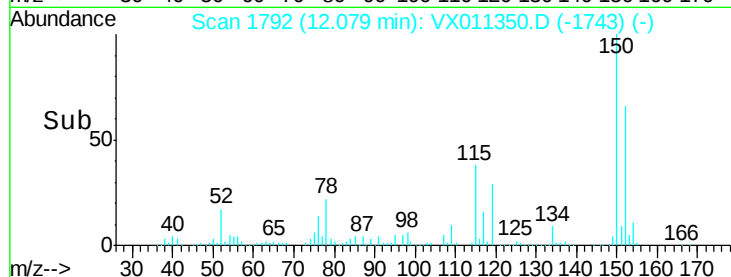
150 151.3 0.0 350.4



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: 44.529 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011350.D

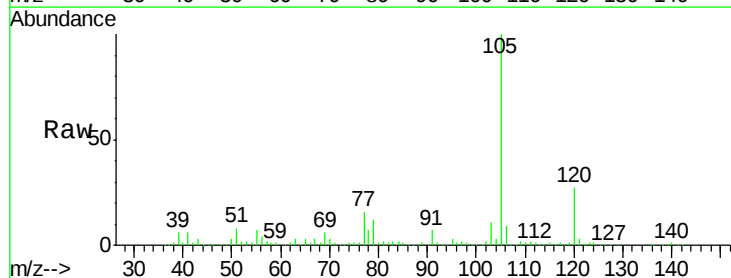
Acq: 06 Aug 2019 14:46

Tgt Ion:105 Resp: 433287

Ion Ratio Lower Upper

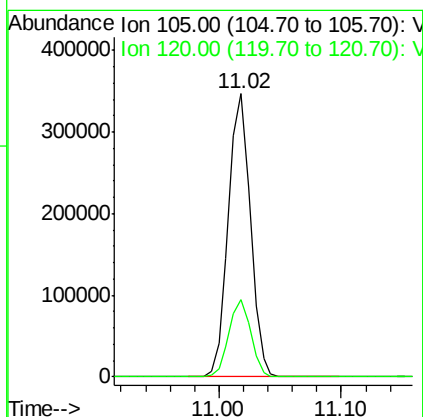
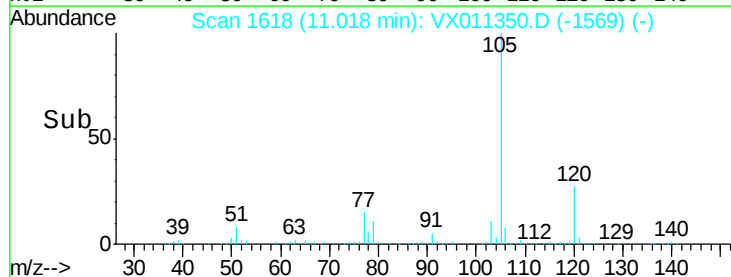
105 100

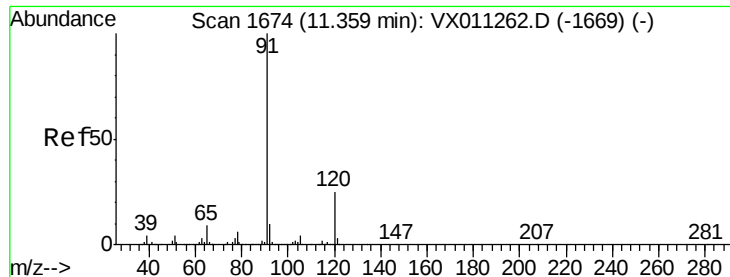
120 27.2 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 93.803 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011350.D

Acq: 06 Aug 2019 14:46

Instrument :

MSVOA_X

ClientSampleId :

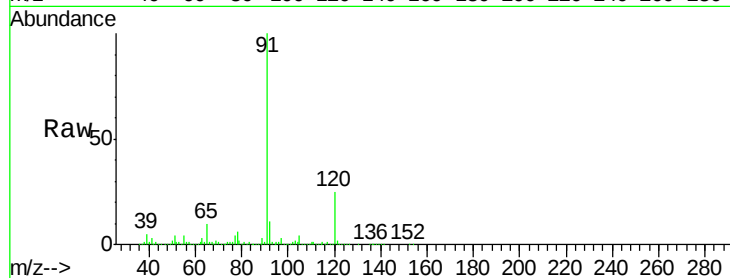
TS-01_080219

Tot Ion: 91 Resp: 1015036

Ion Ratio Lower Upper

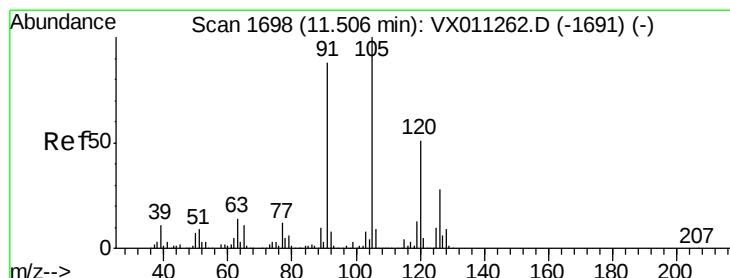
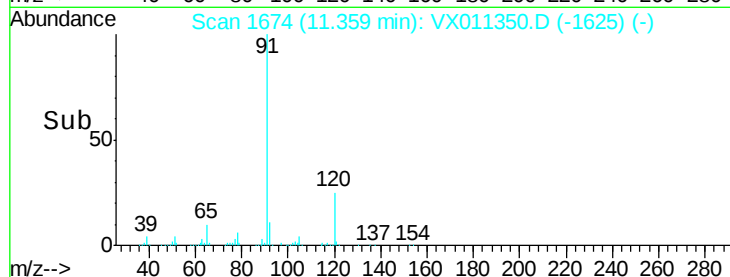
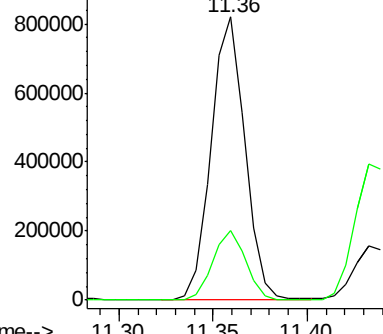
91 100

120 24.0 12.4 37.0



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: 211.054 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011350.D

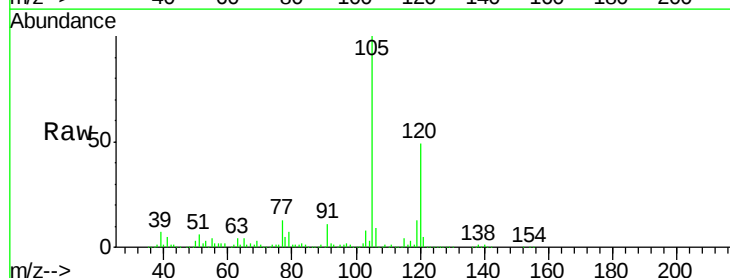
Acq: 06 Aug 2019 14:46

Tgt Ion:105 Resp: 1719123

Ion Ratio Lower Upper

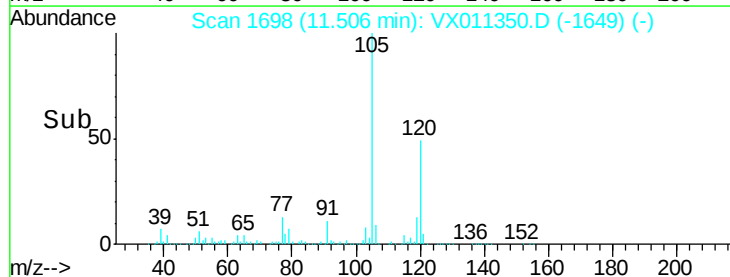
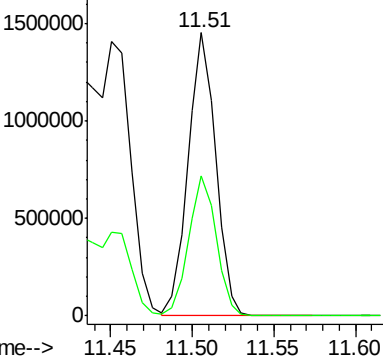
105 100

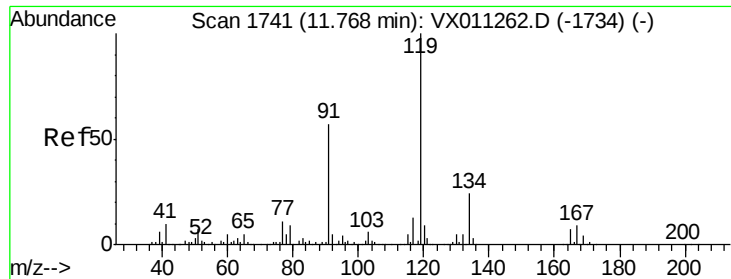
120 49.3 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#83

tert-Butylbenzene

Concen: 4.343 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX011350.D

Acq: 06 Aug 2019 14:46

Instrument :

MSVOA_X

ClientSampleId :

TS-01_080219

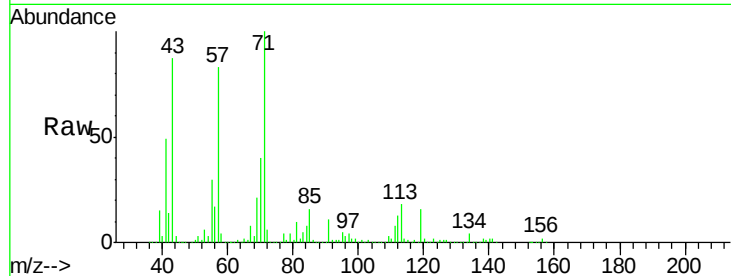
Tot Ion:119 Resp: 34698

Ion Ratio Lower Upper

119 100

91 60.7 28.0 84.0

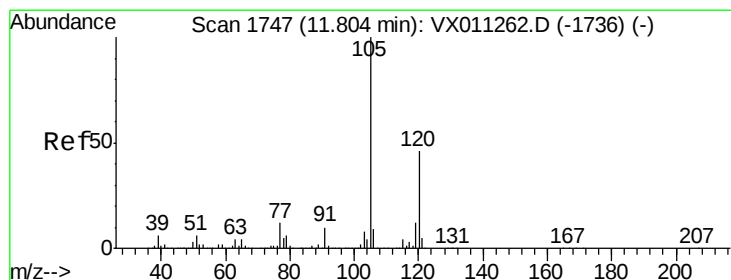
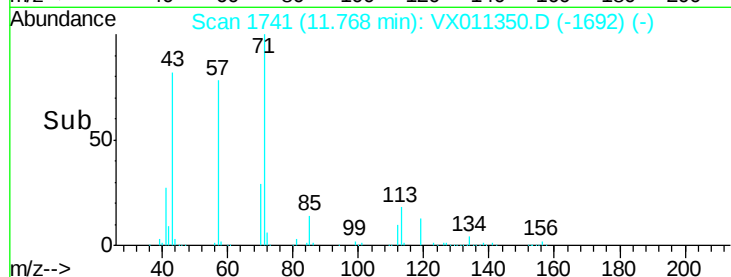
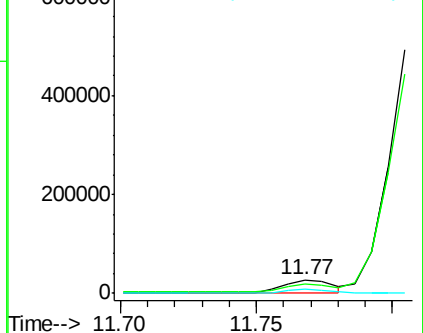
134 27.9 11.9 35.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 703.136 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VX011350.D

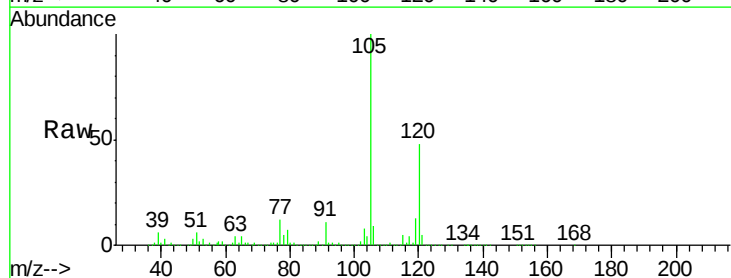
Acq: 06 Aug 2019 14:46

Tgt Ion:105 Resp: 5702293

Ion Ratio Lower Upper

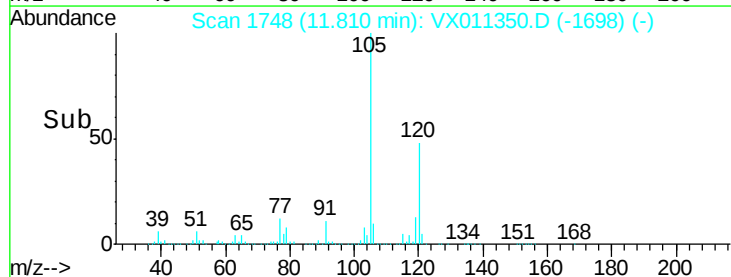
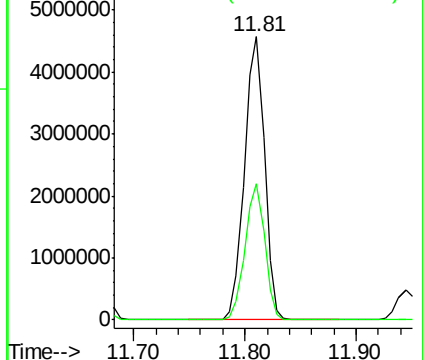
105 100

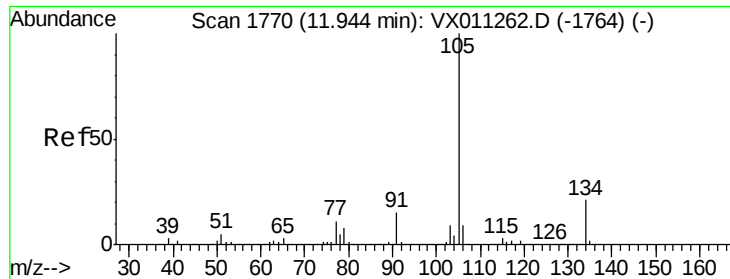
120 47.3 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

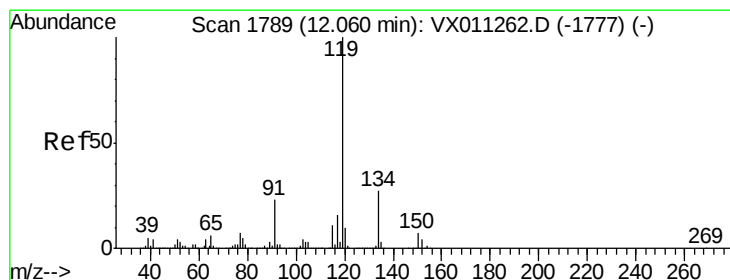
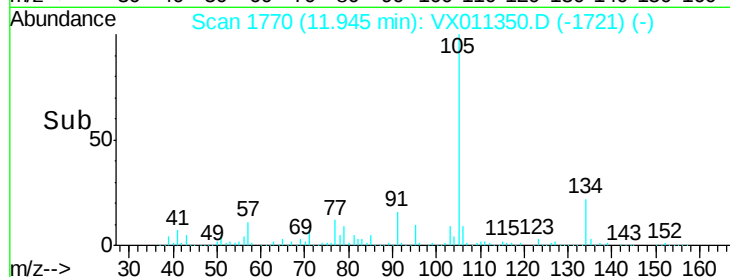
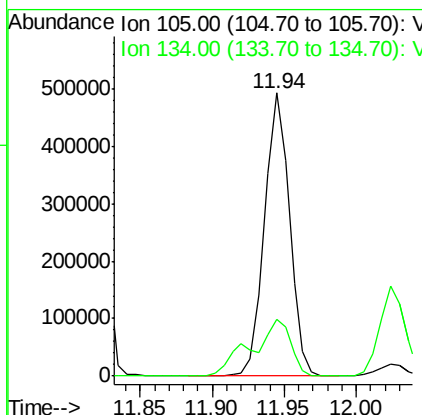
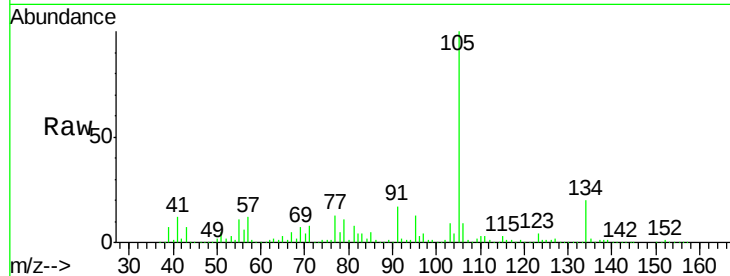




#85
 sec-Butylbenzene
 Concen: 61.193 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX011350.D
 Acq: 06 Aug 2019 14:46

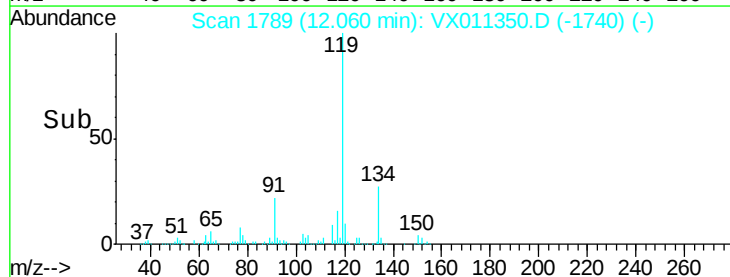
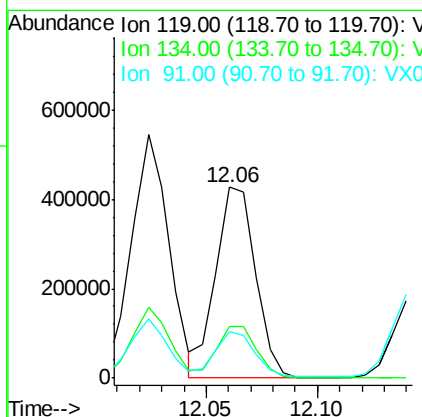
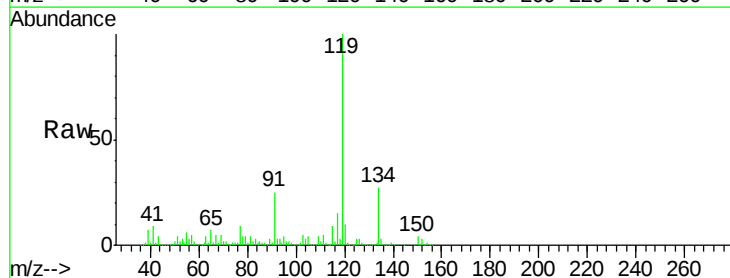
Instrument :
 MSVOA_X
 ClientSampled :
 TS-01_080219

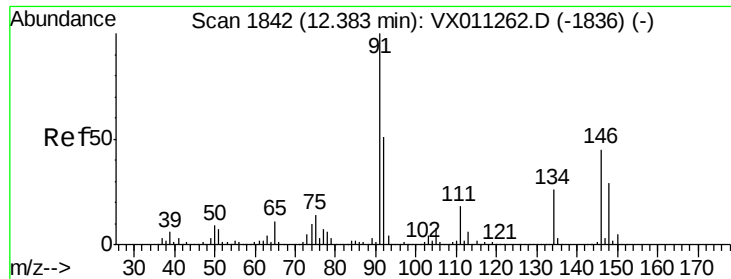
Tot Ion:105 Resp: 587341
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 60.140 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX011350.D
 Acq: 06 Aug 2019 14:46

Tgt Ion:119 Resp: 531037
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.7 41.0
 91 23.5 11.4 34.2

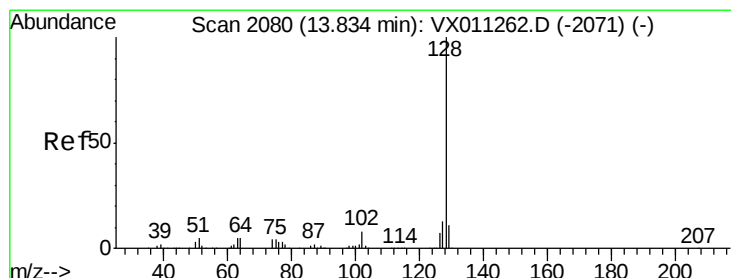
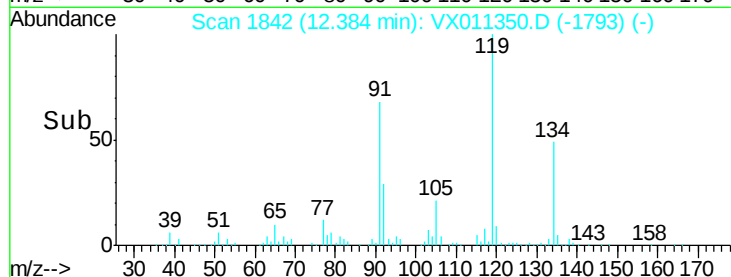
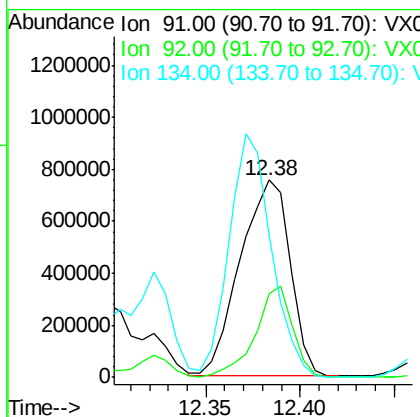
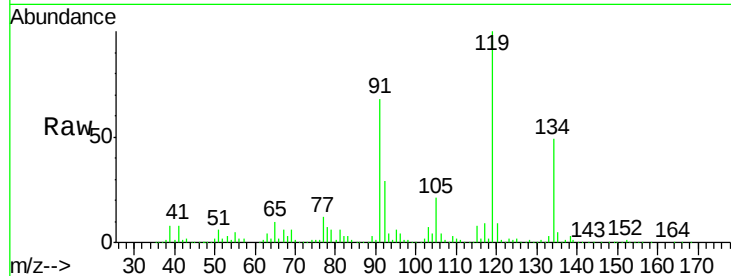




#89
n-Butylbenzene
Concen: 182.259 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011350.D
Acq: 06 Aug 2019 14:46

Instrument :
MSVOA_X
ClientSampled :
TS-01_080219

Tot Ion: 91 Resp: 1386517
Ion Ratio Lower Upper
91 100
92 34.3 25.8 77.3
134 104.8 13.7 41.0#



#95
Naphthalene
Concen: 960.320 ug/l
RT: 13.84 min Scan# 2081
Delta R.T. 0.01 min
Lab File: VX011350.D
Acq: 06 Aug 2019 14:46

Tgt Ion: 128 Resp: 8921528
Ion Ratio Lower Upper
128 100
127 14.2 10.4 15.6
129 13.2 8.9 13.3

