

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011719\
 Data File : VX007082.D
 Acq On : 17 Jan 2019 12:16
 Operator : JC/SP
 Sample : K1010-05ME
 Misc : 4.67g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OK-01-011519-BME

Quant Time: Jan 18 09:26:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	509405	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	767749	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	723887	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	409063	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	267620	50.27	ug/l	0.00
Spiked Amount			Recovery	=	100.54%	
35) Dibromofluoromethane	5.51	113	224327	45.63	ug/l	0.00
Spiked Amount			Recovery	=	91.26%	
50) Toluene-d8	8.71	98	910250	50.58	ug/l	0.00
Spiked Amount			Recovery	=	101.16%	
62) 4-Bromofluorobenzene	11.14	95	351376	56.01	ug/l	0.00
Spiked Amount			Recovery	=	112.02%	

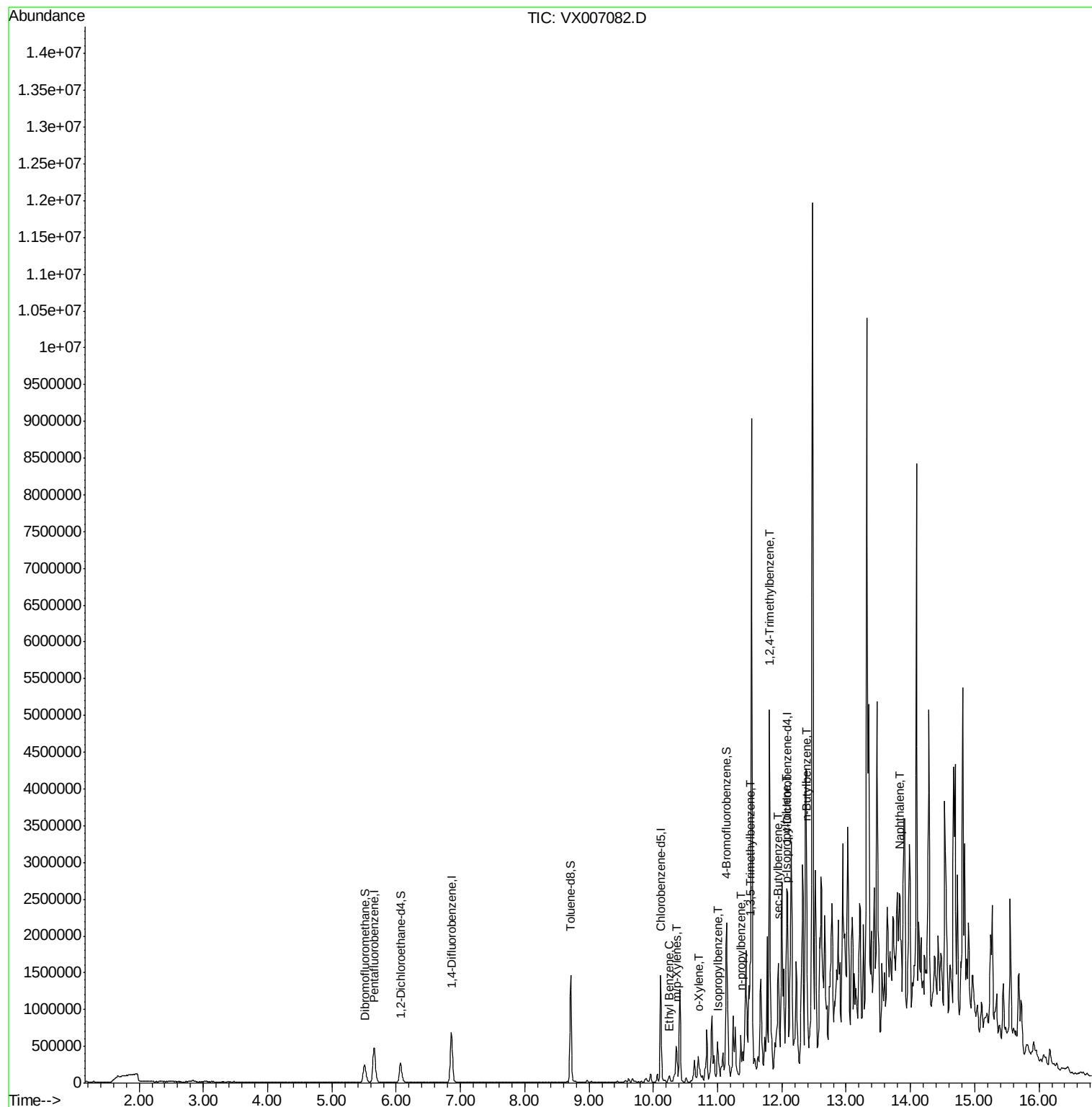
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
67) Ethyl Benzene	10.25	91	42295	1.623	ug/l	98
68) m/p-Xylenes	10.36	106	107550	10.473	ug/l	100
69) o-Xylene	10.70	106	73479	7.337	ug/l	99
73) Isopropylbenzene	11.02	105	91565	3.174	ug/l	94
78) n-propylbenzene	11.36	91	330819	10.447	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	509938	21.158	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1992336	82.204	ug/l	99
85) sec-Butylbenzene	11.94	105	327813	11.415	ug/l	80
86) p-Isopropyltoluene	12.07	119	311081	12.110	ug/l	99
89) n-Butylbenzene	12.39	91	702671	32.088	ug/l #	60
95) Naphthalene	13.83	128	883850	29.989	ug/l #	94

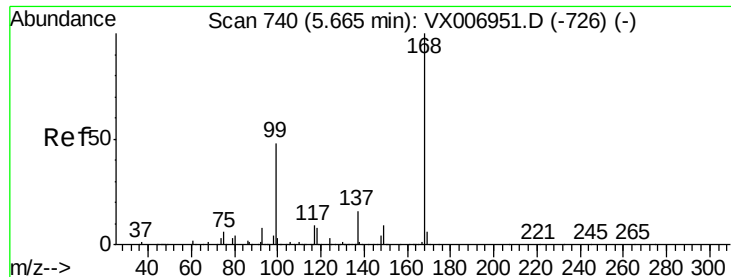
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX011719\
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Quant Time: Jan 18 09:26:20 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX007082.D

Acq: 17 Jan 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

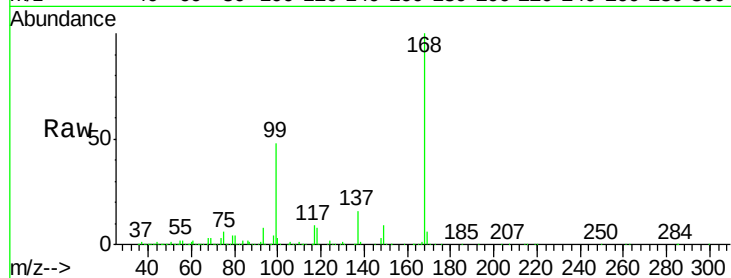
OK-01-011519-BME

Tot Ion:168 Resp: 509405

Ion Ratio Lower Upper

168 100

99 47.6 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

200000

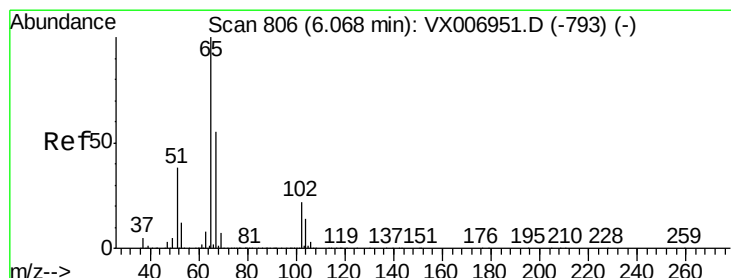
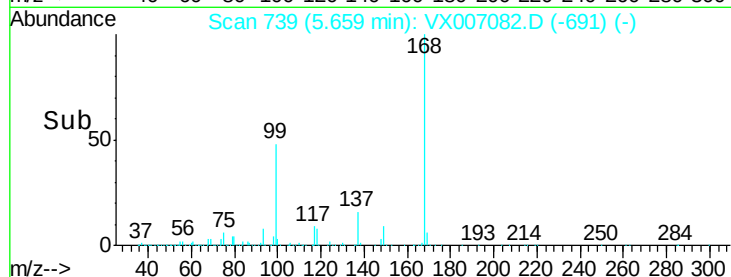
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.269 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007082.D

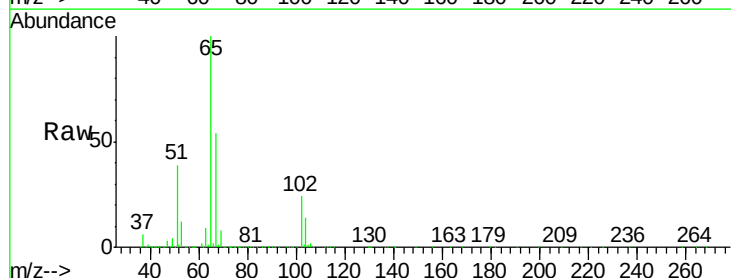
Acq: 17 Jan 2019 12:16

Tgt Ion: 65 Resp: 267620

Ion Ratio Lower Upper

65 100

67 52.0 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

100000

80000

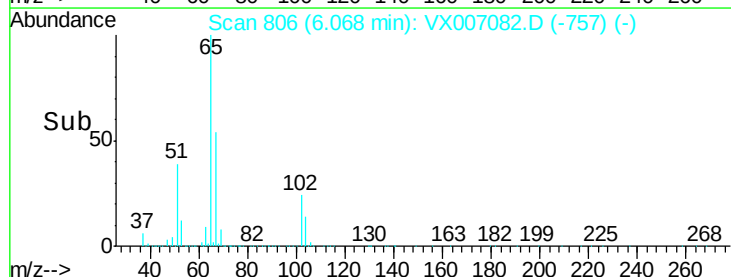
60000

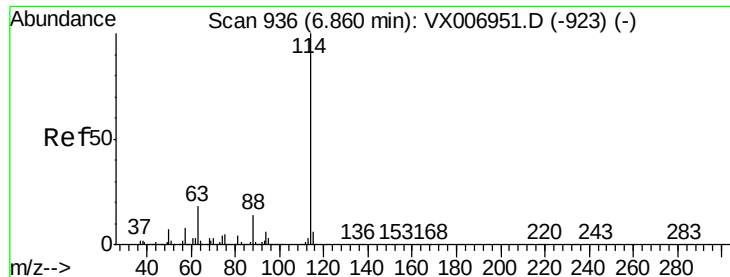
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007082.D

Acq: 17 Jan 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

OK-01-011519-BME

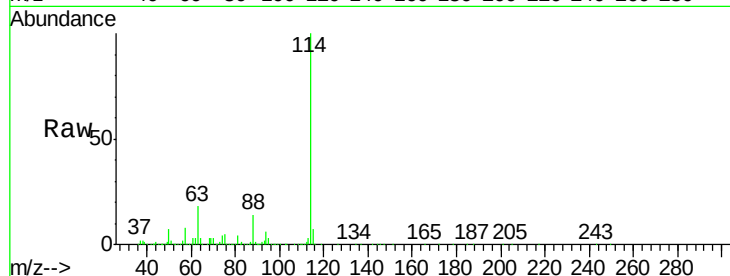
Tot Ion:114 Resp: 767749

Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.8

88 14.1 0.0 28.8



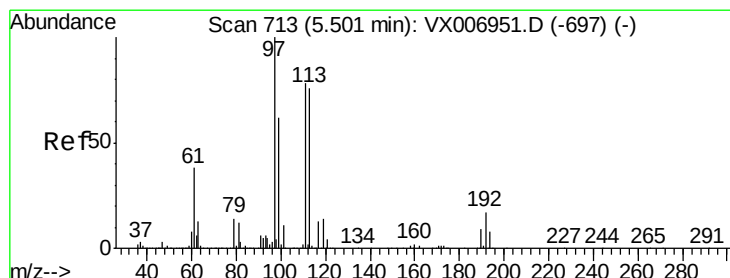
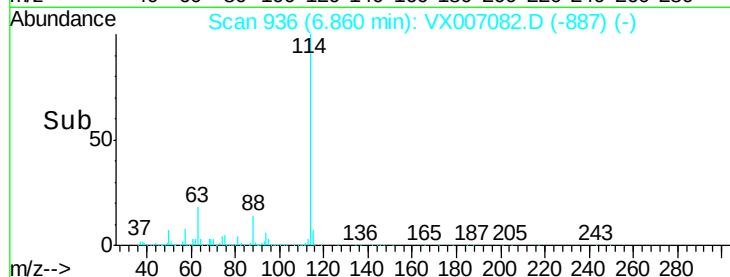
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

Time--> 6.70 6.80 6.90 7.00



#35

Dibromofluoromethane

Concen: 45.626 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007082.D

Acq: 17 Jan 2019 12:16

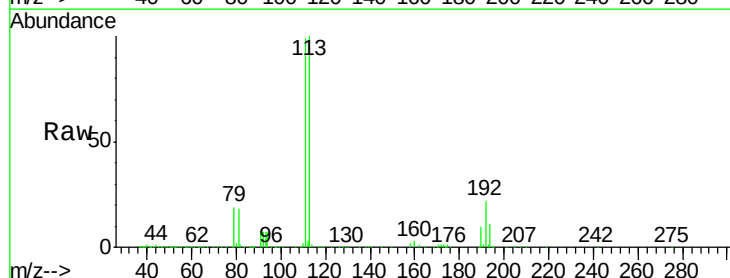
Tgt Ion:113 Resp: 224327

Ion Ratio Lower Upper

113 100

111 103.4 81.6 122.4

192 22.5 16.7 25.1



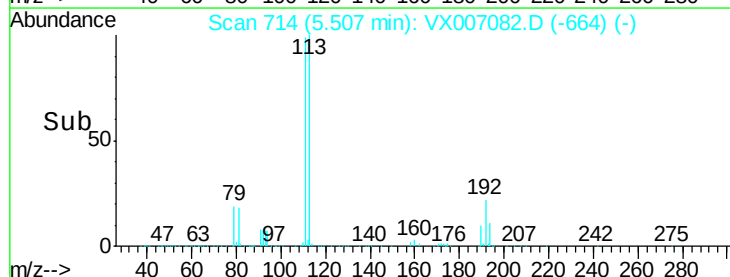
Abundance Ion 112.80 (112.50 to 113.50): V

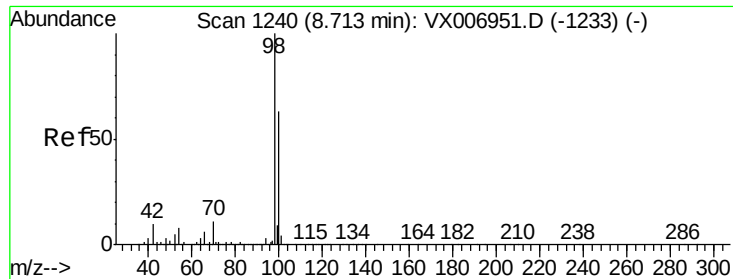
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

5.51

Time--> 5.40 5.50 5.60

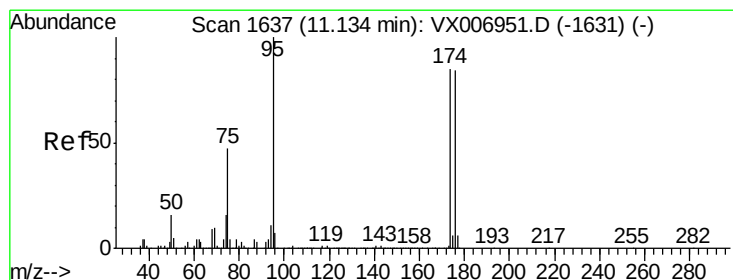
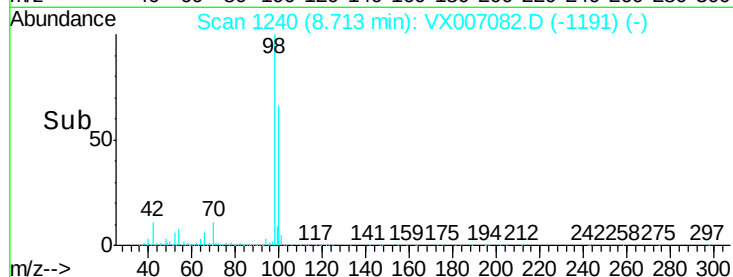
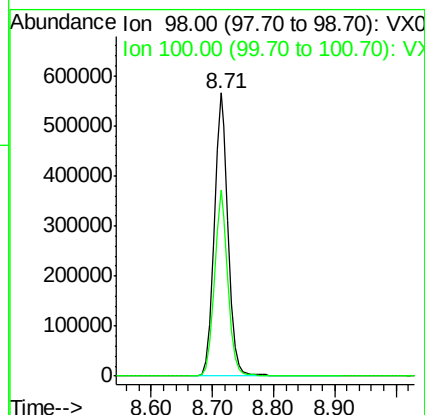
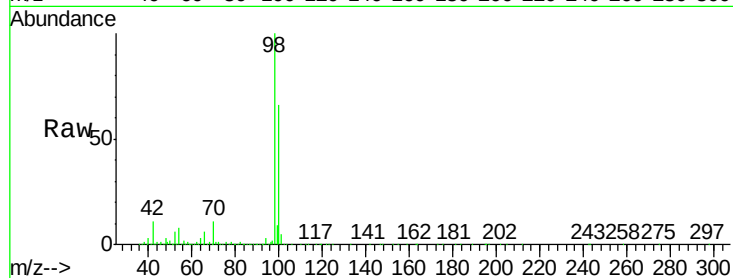




#50
Toluene-d8
Concen: 50.580 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007082.D
Acq: 17 Jan 2019 12:16

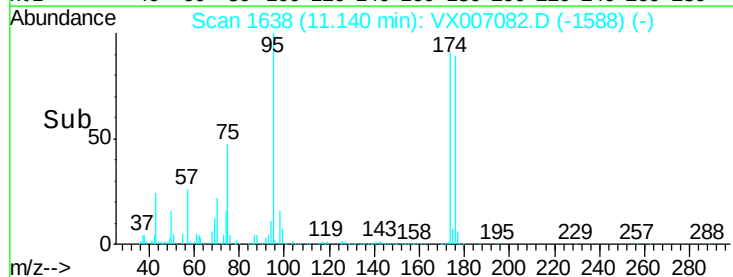
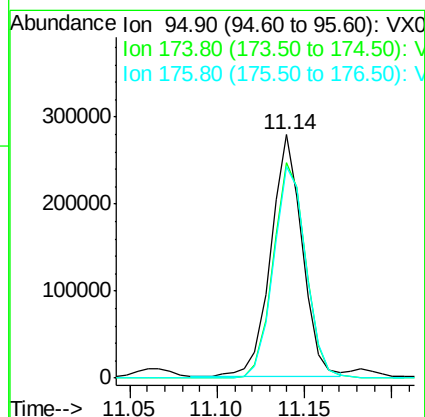
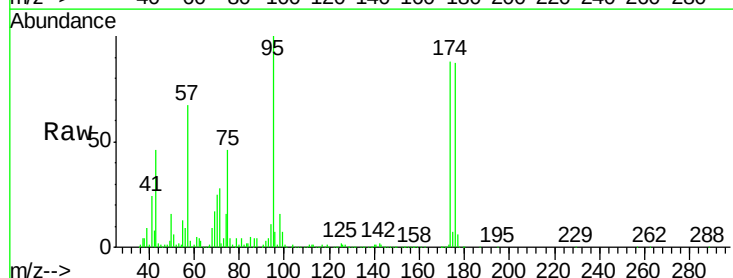
Instrument :
MSVOA_X
ClientSampleId :
OK-01-011519-BME

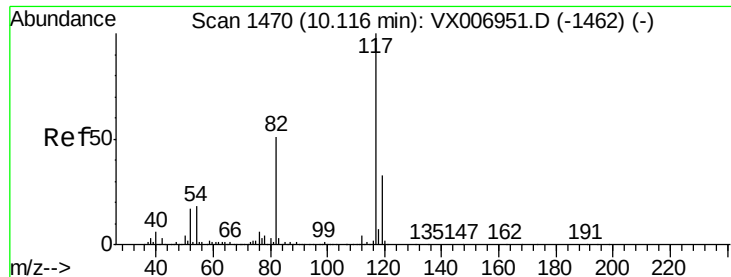
Tot Ion: 98 Resp: 910250
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 56.005 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.01 min
Lab File: VX007082.D
Acq: 17 Jan 2019 12:16

Tgt Ion: 95 Resp: 351376
Ion Ratio Lower Upper
95 100
174 91.9 0.0 182.2
176 90.5 0.0 178.8

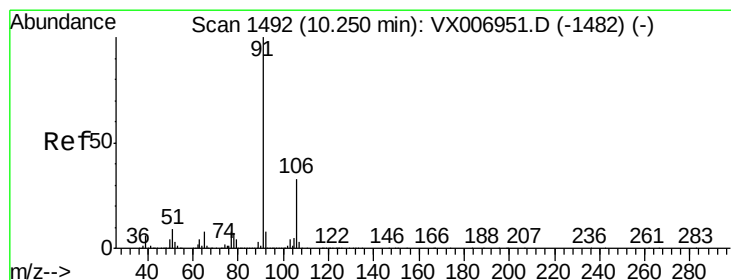
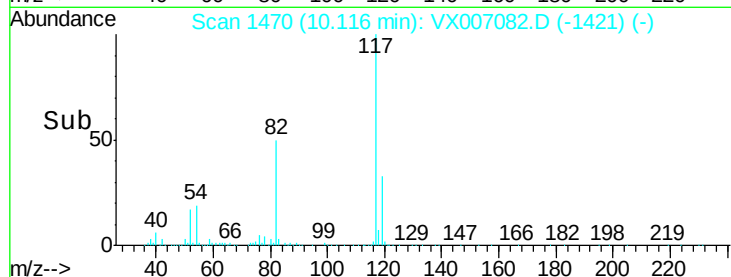
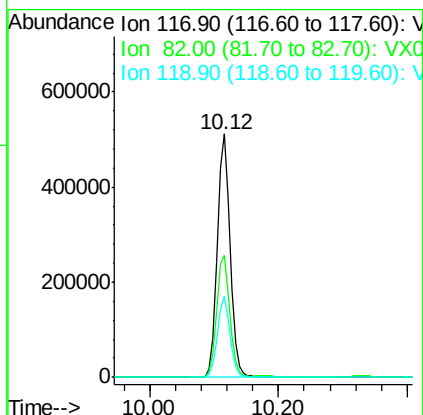
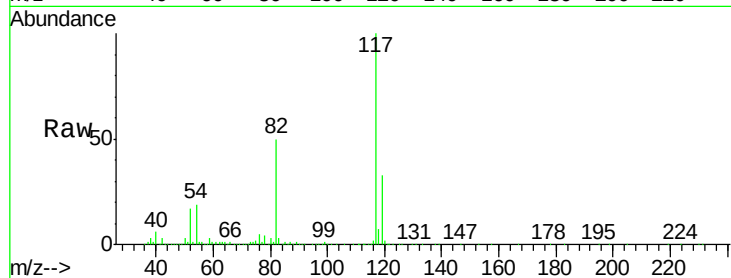




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX007082.D
Acq: 17 Jan 2019 12:16

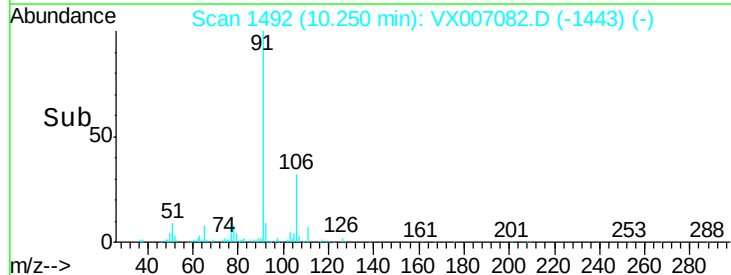
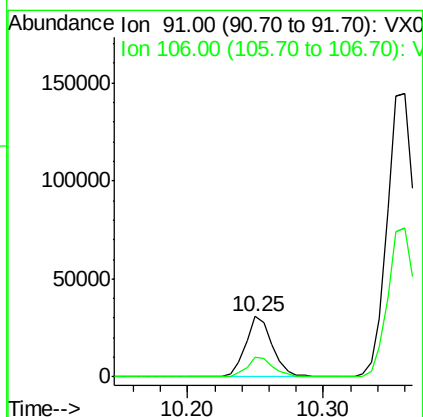
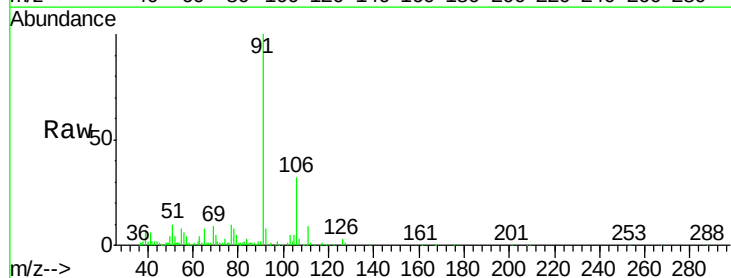
Instrument :
MSVOA_X
ClientSampleId :
OK-01-011519-BME

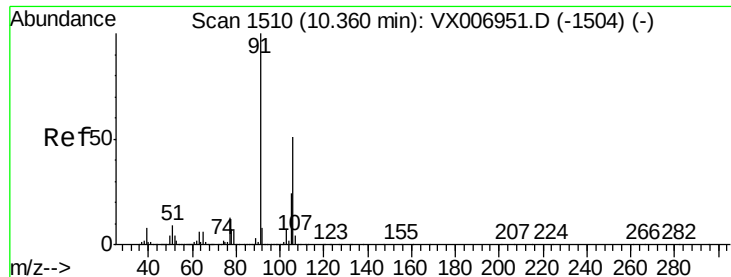
Tot Ion:117 Resp: 723887
Ion Ratio Lower Upper
117 100
82 50.2 41.0 61.6
119 33.1 25.4 38.0



#67
Ethyl Benzene
Concen: 1.623 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007082.D
Acq: 17 Jan 2019 12:16

Tgt Ion: 91 Resp: 42295
Ion Ratio Lower Upper
91 100
106 32.0 26.4 39.6





#68

m/p-Xylenes

Concen: 10.473 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007082.D

Acq: 17 Jan 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

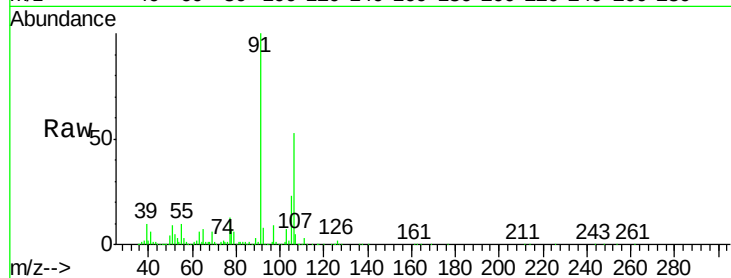
OK-01-011519-BME

Tot Ion:106 Resp: 107550

Ion Ratio Lower Upper

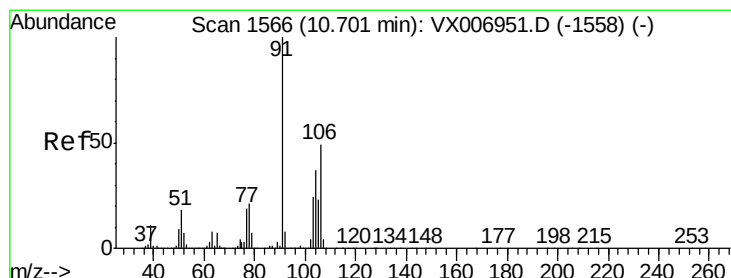
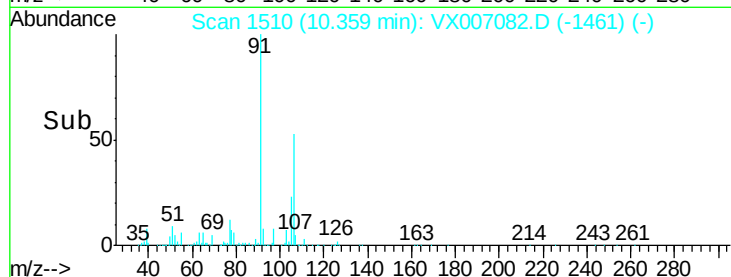
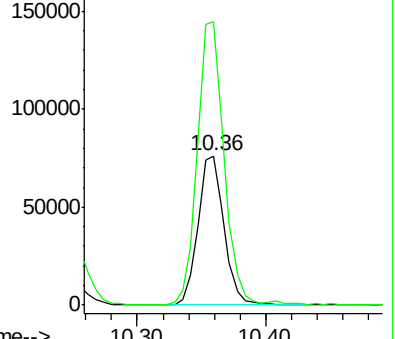
106 100

91 194.3 155.8 233.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 7.337 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VX007082.D

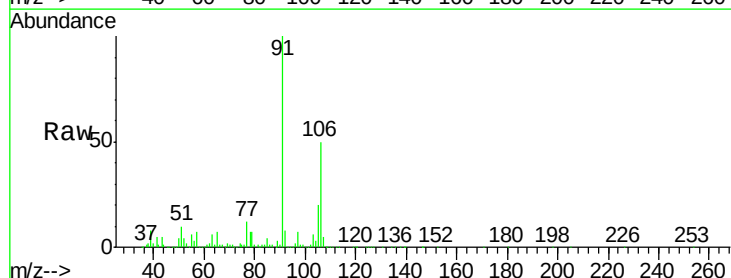
Acq: 17 Jan 2019 12:16

Tgt Ion:106 Resp: 73479

Ion Ratio Lower Upper

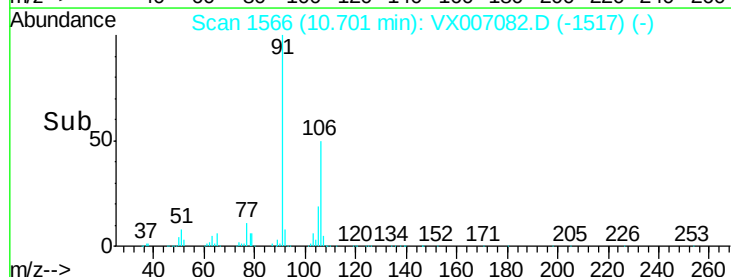
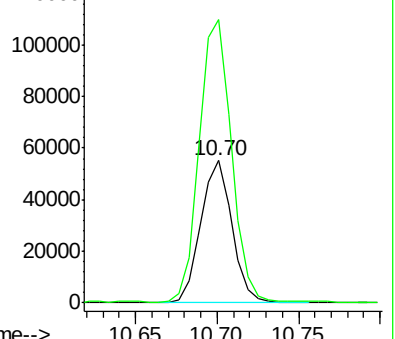
106 100

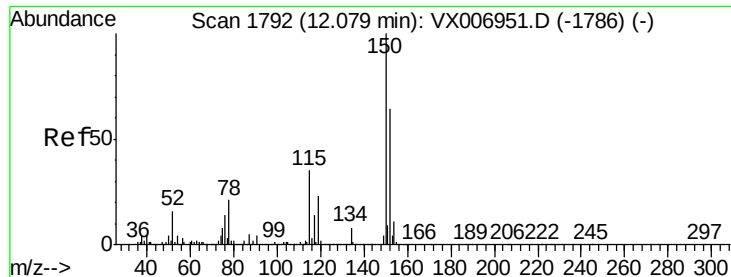
91 203.4 101.3 303.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



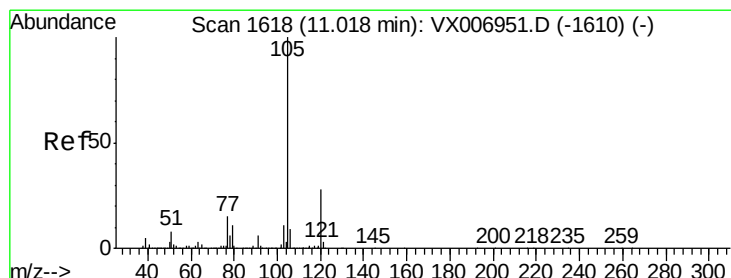
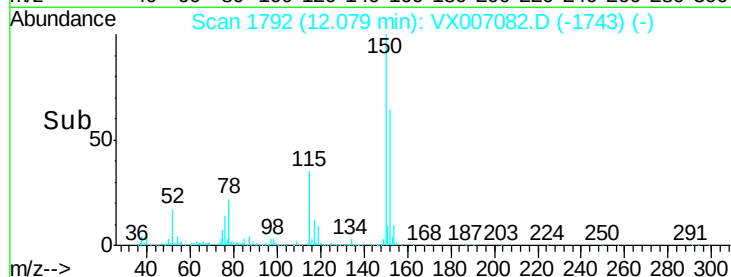
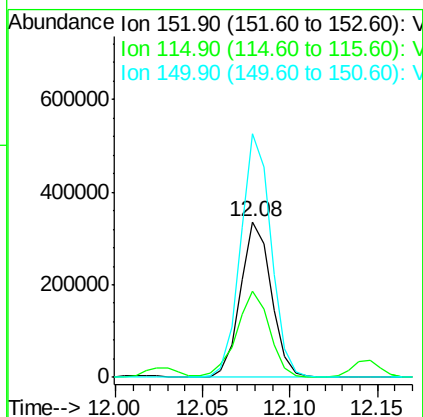
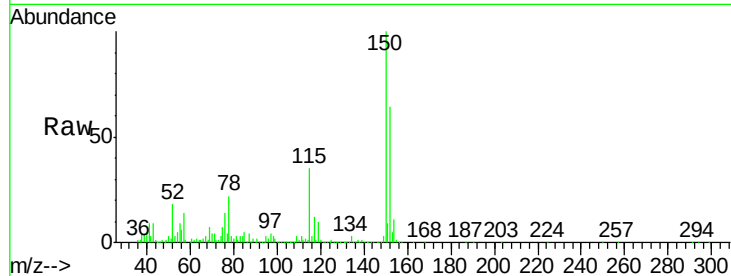


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007082.D
Acq: 17 Jan 2019 12:16

Instrument :
MSVOA_X
ClientSampleId :
OK-01-011519-BME

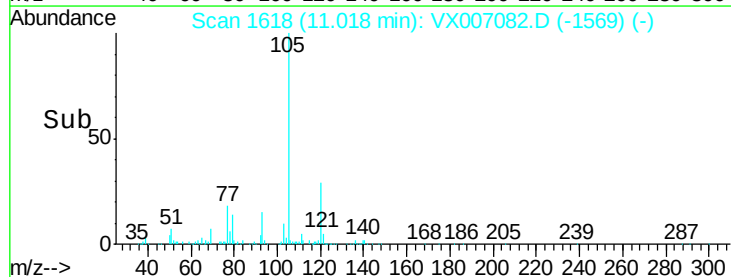
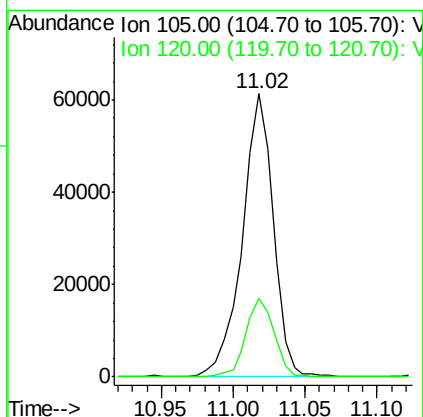
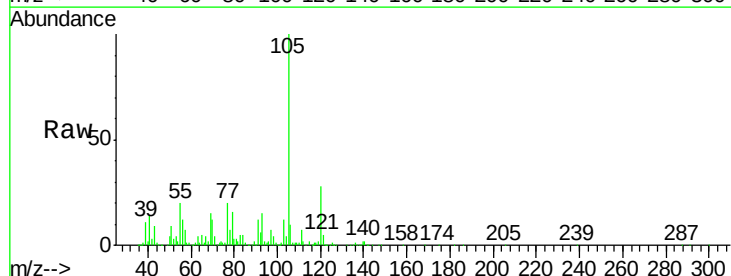
Tot Ion	Ratio	Lower	Upper
152	100		
115	58.9	39.1	117.2
150	155.6	0.0	344.8

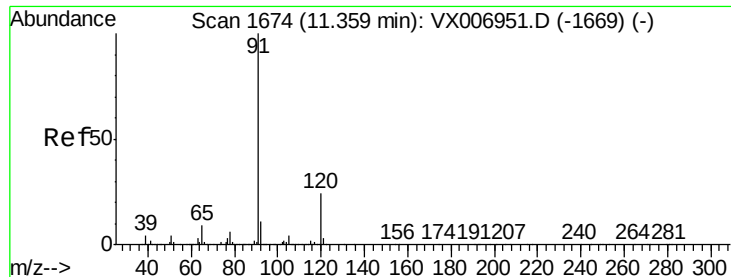


#73

Isopropylbenzene
Concen: 3.174 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX007082.D
Acq: 17 Jan 2019 12:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.1	14.1	42.4





#78

n-propylbenzene

Concen: 10.447 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007082.D

Acq: 17 Jan 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

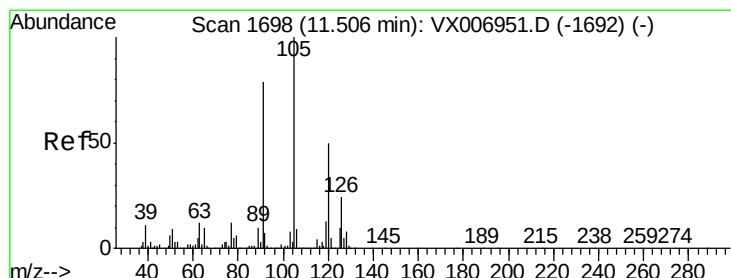
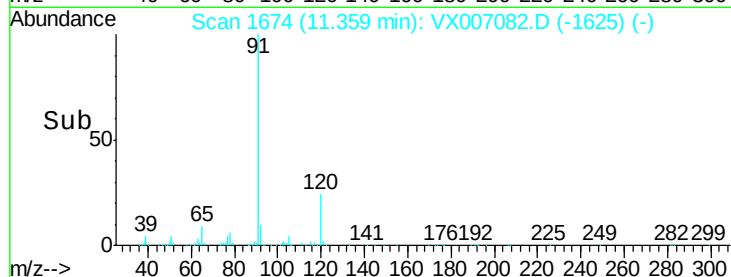
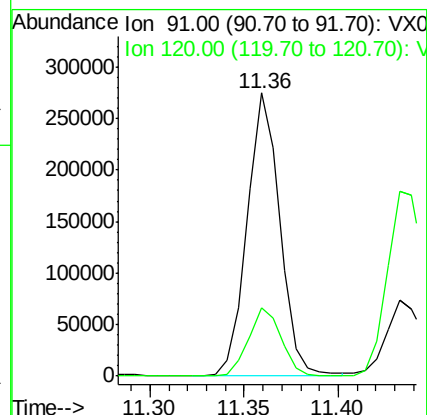
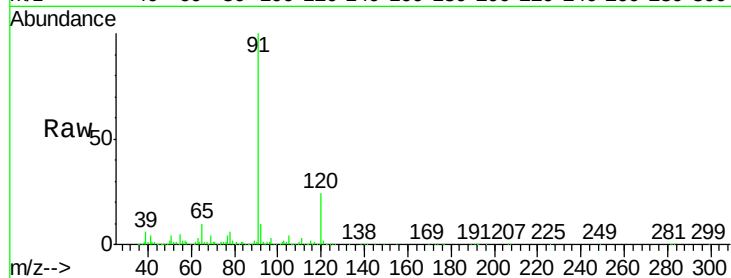
OK-01-011519-BME

Tot Ion: 91 Resp: 330819

Ion Ratio Lower Upper

91 100

120 24.4 12.7 38.0



#80

1,3,5-Trimethylbenzene

Concen: 21.158 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007082.D

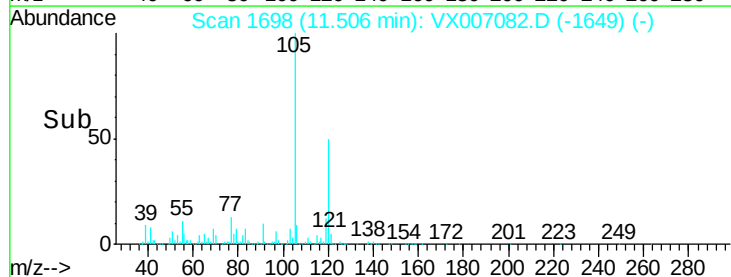
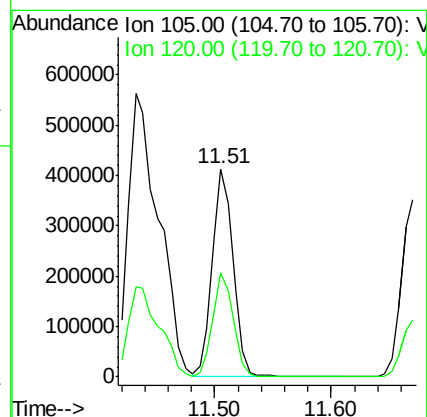
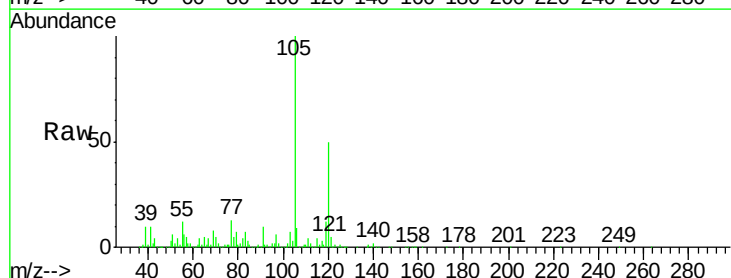
Acq: 17 Jan 2019 12:16

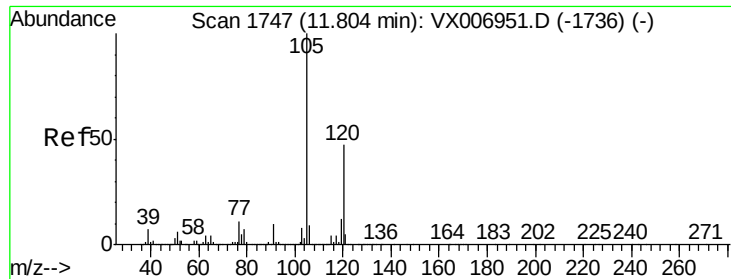
Tgt Ion: 105 Resp: 509938

Ion Ratio Lower Upper

105 100

120 49.2 25.1 75.3





#84

1,2,4-Trimethylbenzene

Concen: 82.204 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VX007082.D

Acq: 17 Jan 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

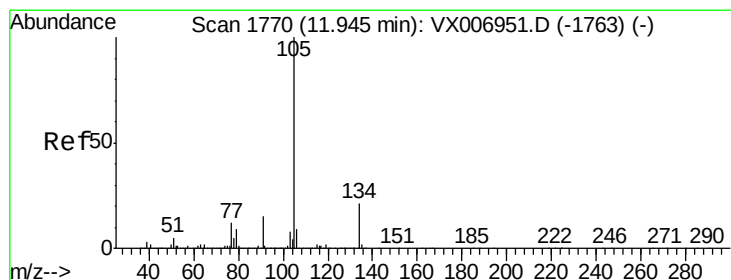
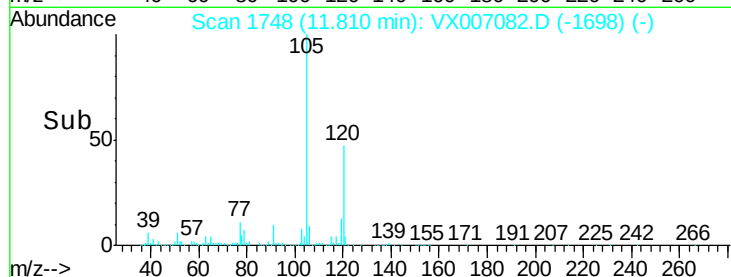
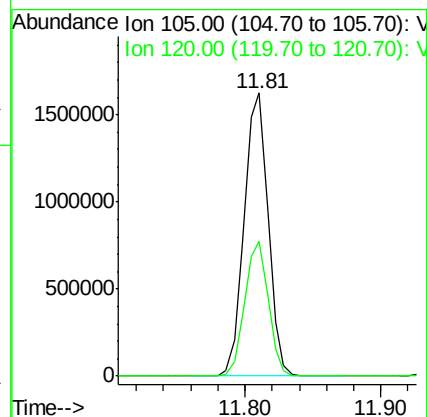
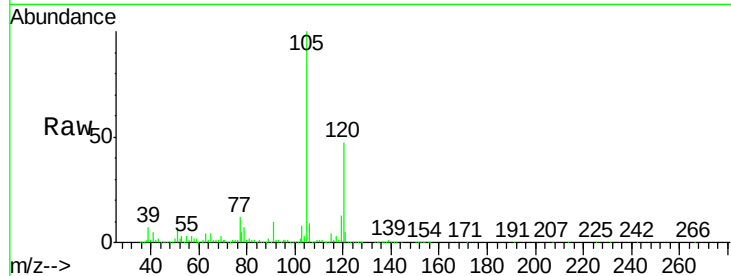
OK-01-011519-BME

Tot Ion:105 Resp: 1992336

Ion Ratio Lower Upper

105 100

120 47.2 23.2 69.6



#85

sec-Butylbenzene

Concen: 11.415 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007082.D

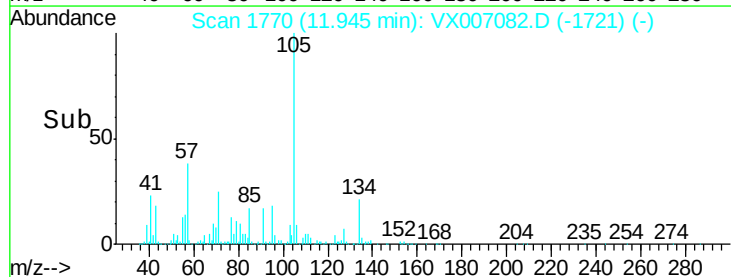
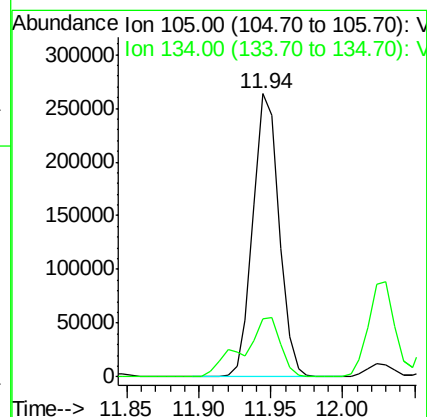
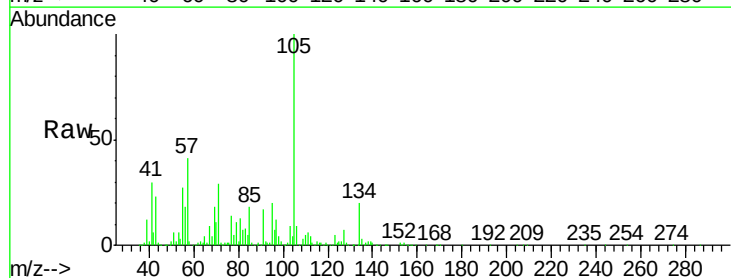
Acq: 17 Jan 2019 12:16

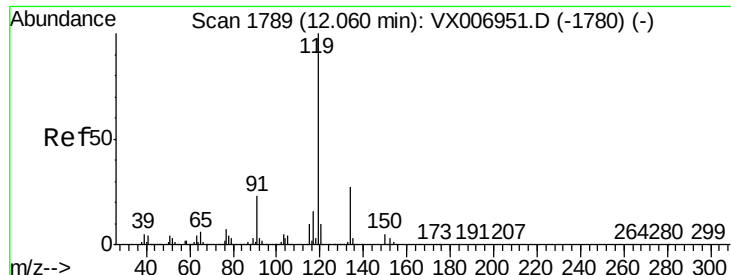
Tgt Ion:105 Resp: 327813

Ion Ratio Lower Upper

105 100

134 30.6 10.7 31.9

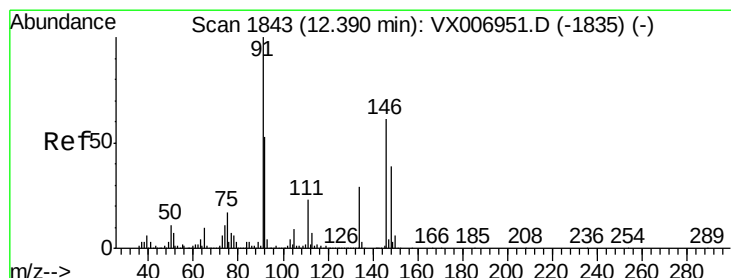
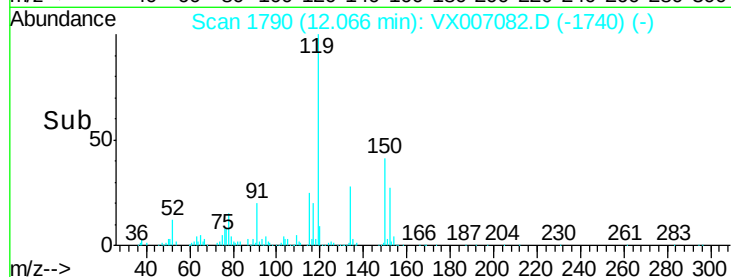
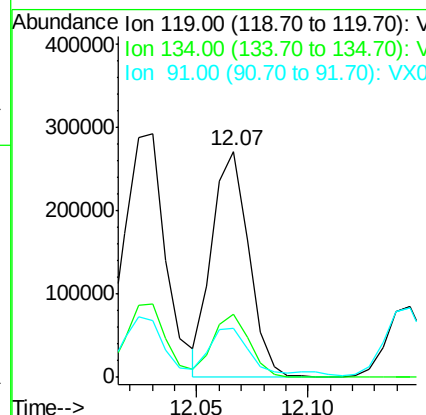
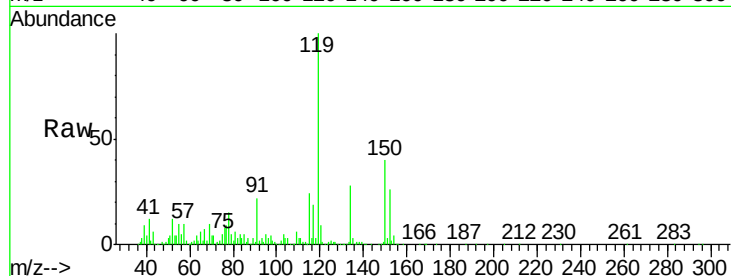




#86
 p-Isopropyltoluene
 Concen: 12.110 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.01 min
 Lab File: VX007082.D
 Acq: 17 Jan 2019 12:16

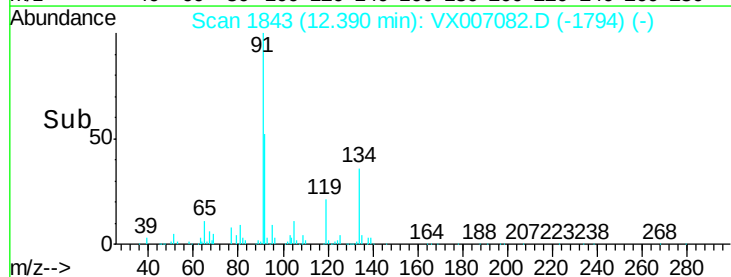
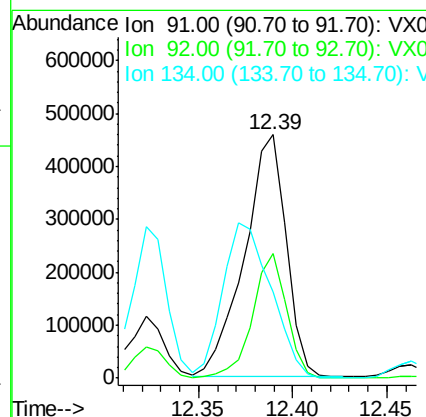
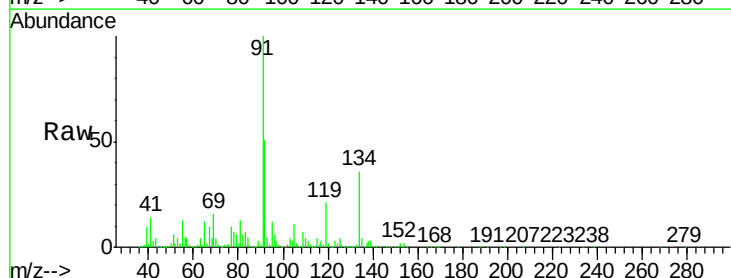
Instrument :
 MSVOA_X
 ClientSampleId :
 OK-01-011519-BME

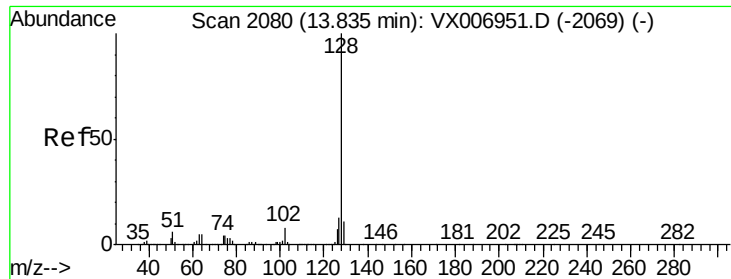
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.8	14.0	41.9
91	23.9	11.3	33.9



#89
 n-Butylbenzene
 Concen: 32.088 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007082.D
 Acq: 17 Jan 2019 12:16

Tgt Ion	Ratio	Lower	Upper
91	100		
92	42.0	26.8	80.4
134	74.2	14.4	43.2





#95
Naphthalene
Concen: 29.989 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007082.D
Acq: 17 Jan 2019 12:16

Instrument :
MSVOA_X
ClientSampleId :
OK-01-011519-BME

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.1	15.1
129	14.2	8.6	13.0

