

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031519\
 Data File : VX008129.D
 Acq On : 16 Mar 2019 01:44
 Operator : JC/SP
 Sample : K1894-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RFK-RMAB-MW13-GW

Quant Time: Mar 16 02:30:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 03:56:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	250070	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	378600	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	360544	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	183679	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	124807	49.48	ug/l	0.00
Spiked Amount			Recovery	=	98.96%	
35) Dibromofluoromethane	5.51	113	121966	50.80	ug/l	0.00
Spiked Amount			Recovery	=	101.60%	
50) Toluene-d8	8.71	98	450354	49.32	ug/l	0.00
Spiked Amount			Recovery	=	98.64%	
62) 4-Bromofluorobenzene	11.13	95	169312	51.76	ug/l	0.00
Spiked Amount			Recovery	=	103.52%	

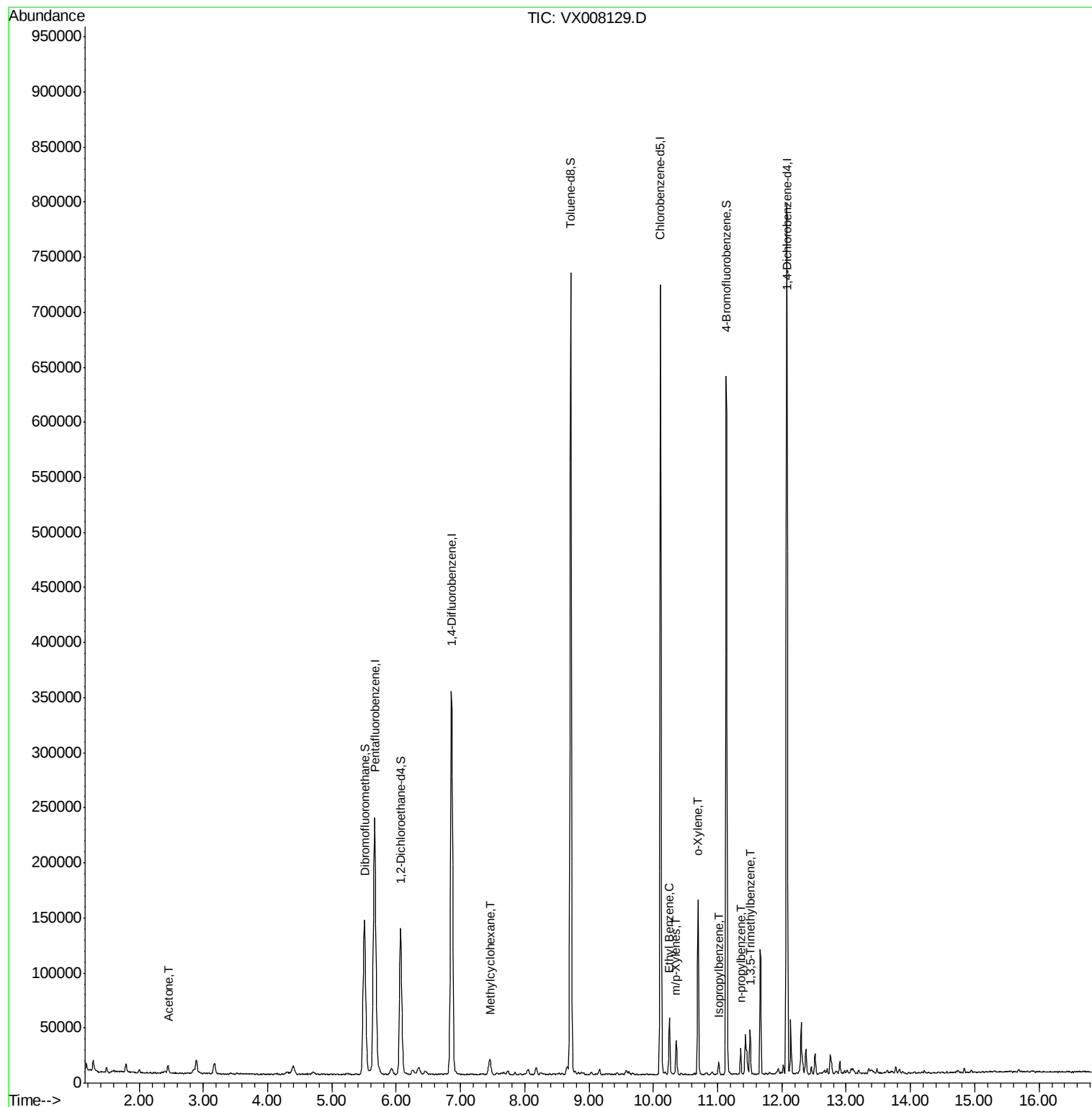
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	7443	6.250	ug/l	93
39) Methylcyclohexane	7.46	83	5969	1.499	ug/l	93
67) Ethyl Benzene	10.25	91	29229	2.468	ug/l	97
68) m/p-Xylenes	10.36	106	7823	1.726	ug/l	98
69) o-Xylene	10.70	106	37373	8.460	ug/l	97
73) Isopropylbenzene	11.02	105	5761	0.490	ug/l	98
78) n-propylbenzene	11.36	91	14165	1.097	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	17366	1.791	ug/l	99

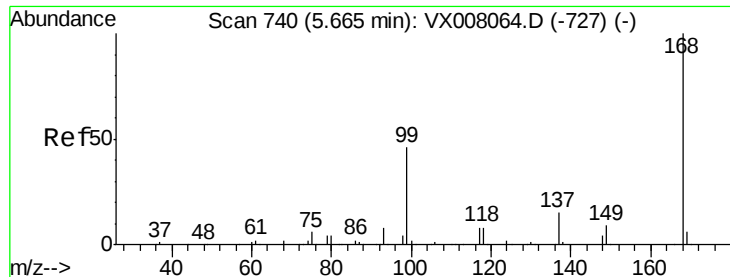
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 03:56:35 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX008129.D

Acq: 16 Mar 2019 01:44

Instrument :

MSVOA_X

ClientSampleId :

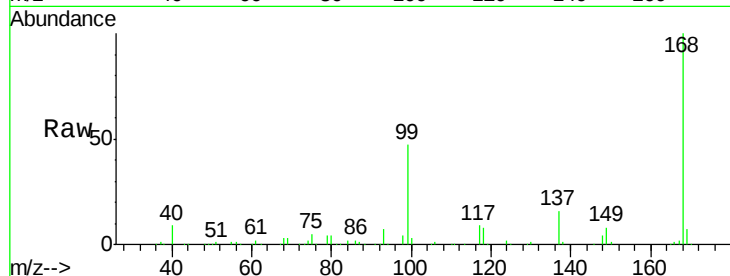
RFK-RMAB-MW13-GW

Tot Ion:168 Resp: 250070

Ion Ratio Lower Upper

168 100

99 46.5 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

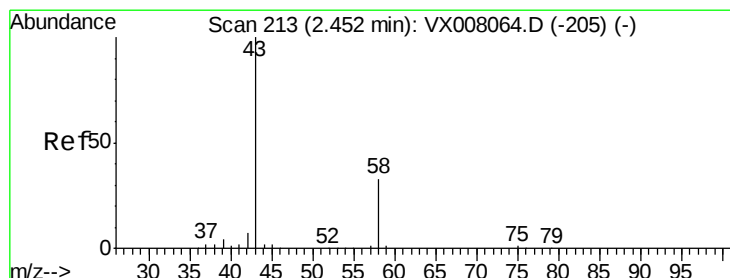
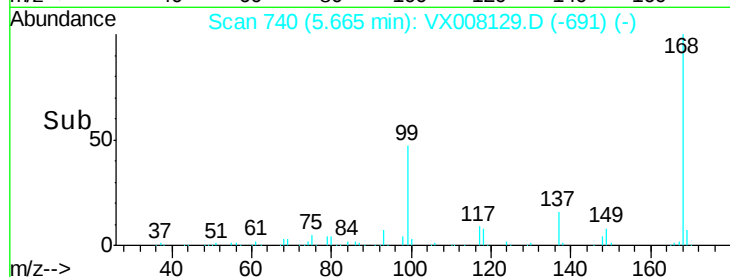
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#16

Acetone

Concen: 6.250 ug/l

RT: 2.45 min Scan# 213

Delta R.T. -0.00 min

Lab File: VX008129.D

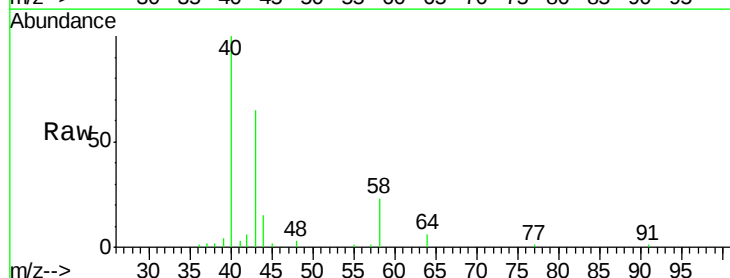
Acq: 16 Mar 2019 01:44

Tgt Ion: 43 Resp: 7443

Ion Ratio Lower Upper

43 100

58 35.8 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

5000

4000

3000

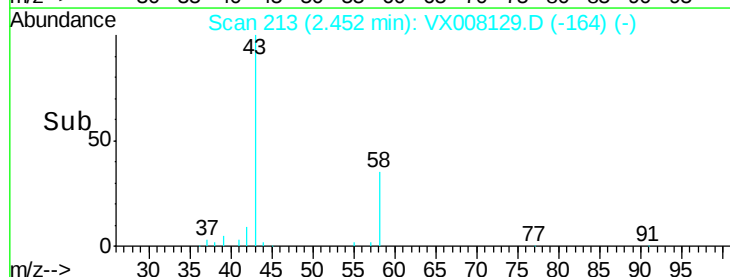
2000

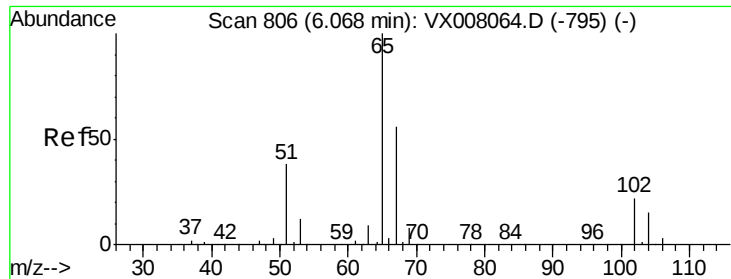
1000

0

Time-->

2.40 2.45 2.50 2.55

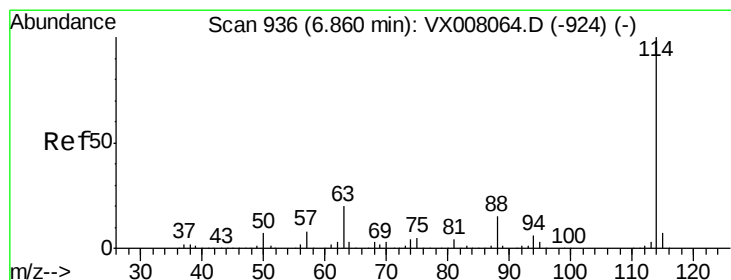
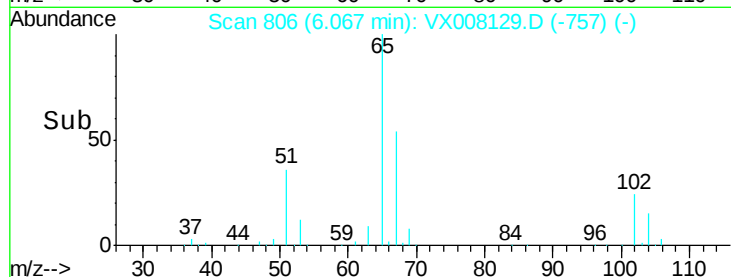
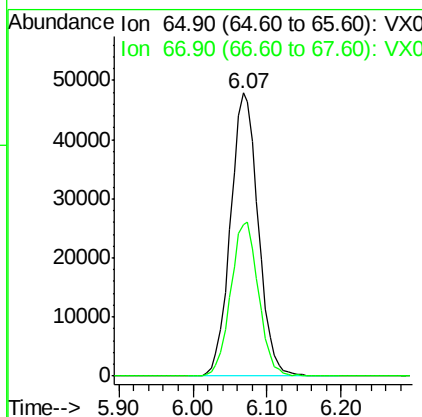
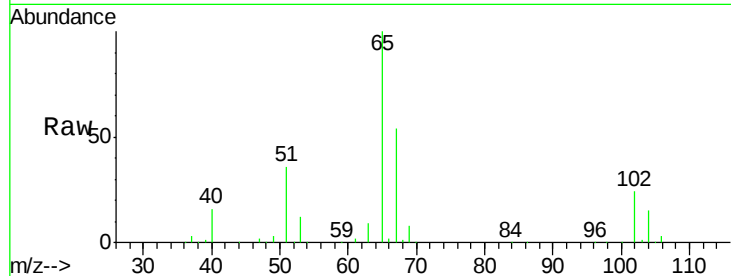




#33
 1,2-Dichloroethane-d4
 Concen: 49.476 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX008129.D
 Acq: 16 Mar 2019 01:44

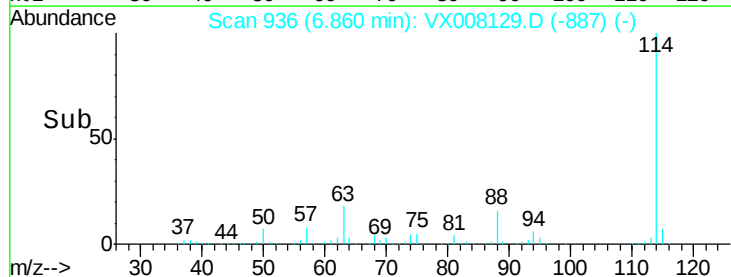
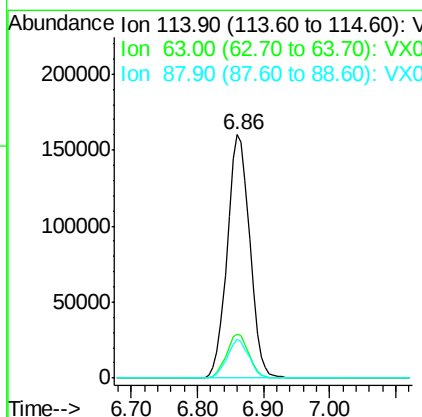
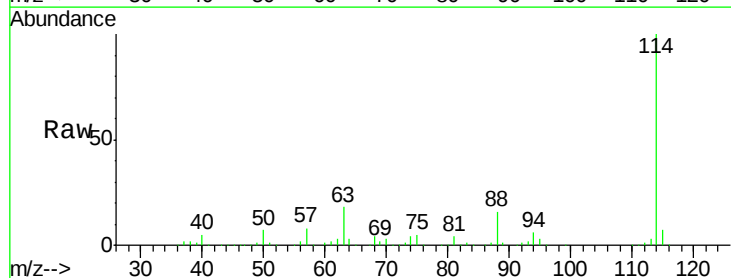
Instrument :
 MSVOA_X
 ClientSampleId :
 RFK-RMAB-MW13-GW

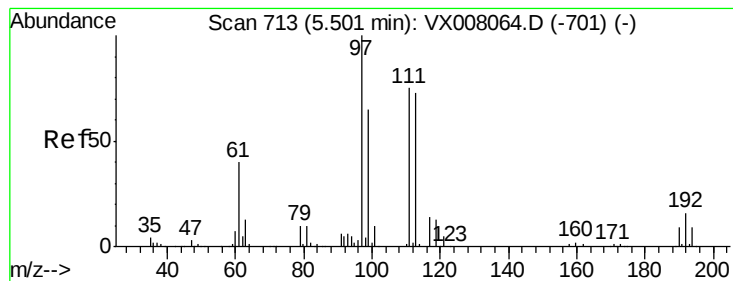
Tot Ion: 65 Resp: 124807
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008129.D
 Acq: 16 Mar 2019 01:44

Tgt Ion: 114 Resp: 378600
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 39.8
 88 15.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.801 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX008129.D

Acq: 16 Mar 2019 01:44

Instrument :

MSVOA_X

ClientSampleId :

RFK-RMAB-MW13-GW

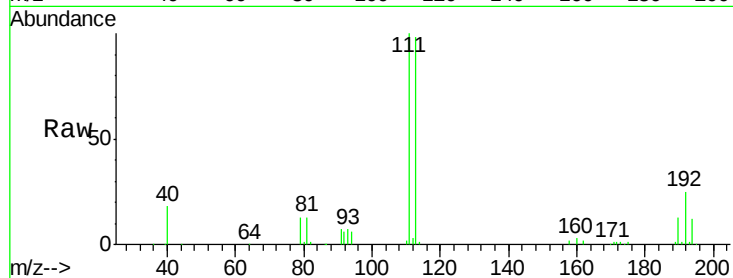
Tot Ion:113 Resp: 121966

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

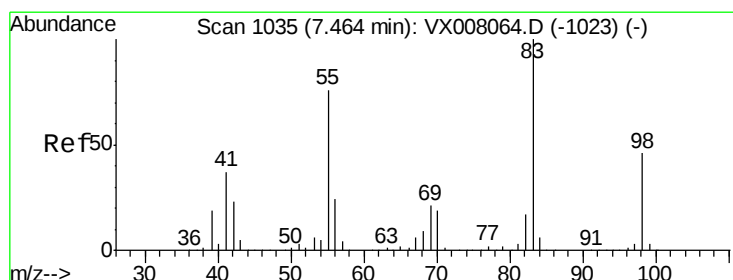
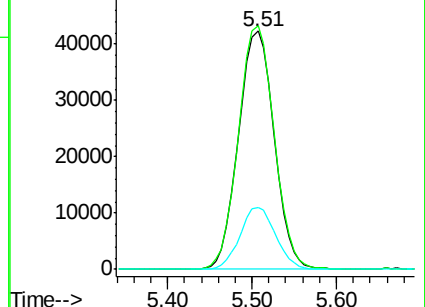
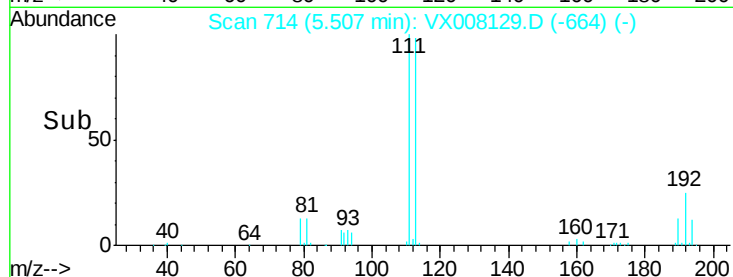
192 26.0 19.4 29.0



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: 1.499 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX008129.D

Acq: 16 Mar 2019 01:44

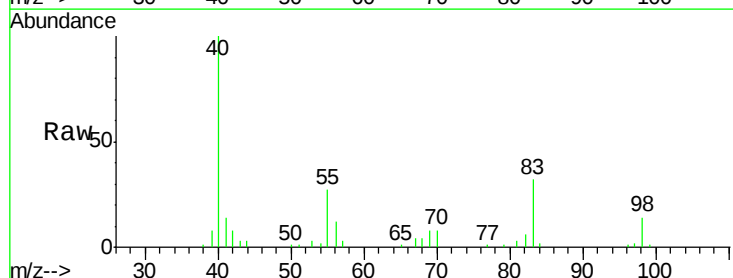
Tgt Ion: 83 Resp: 5969

Ion Ratio Lower Upper

83 100

55 84.2 60.4 90.6

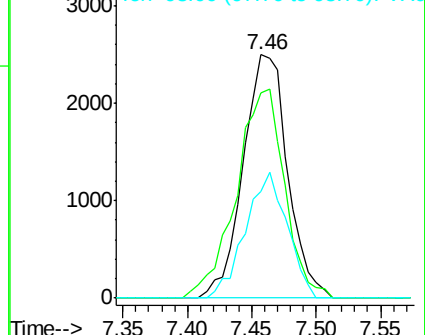
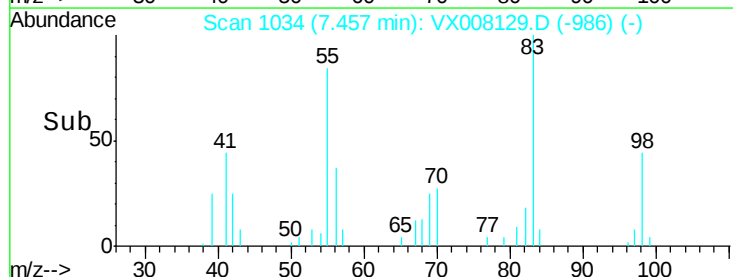
98 44.0 36.5 54.7

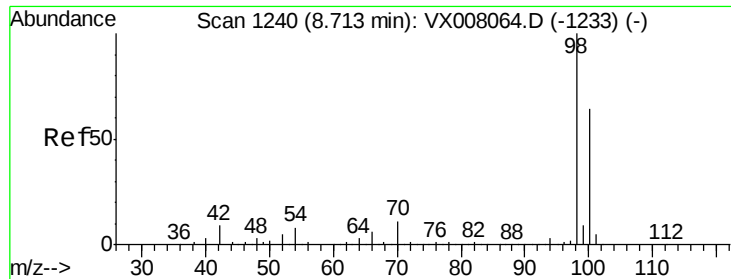


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#50

Toluene-d8

Concen: 49.320 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008129.D

Acq: 16 Mar 2019 01:44

Instrument :

MSVOA_X

ClientSampleId :

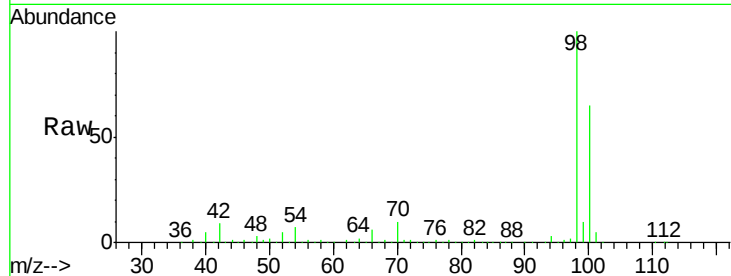
RFK-RMAB-MW13-GW

Tot Ion: 98 Resp: 450354

Ion Ratio Lower Upper

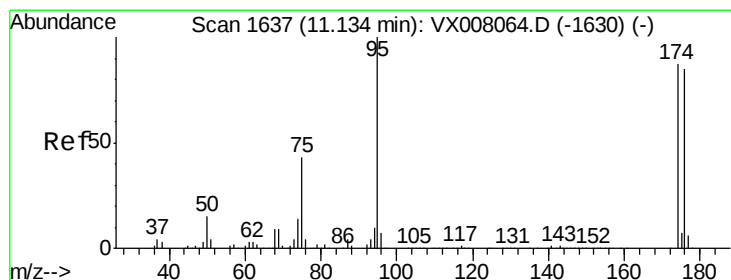
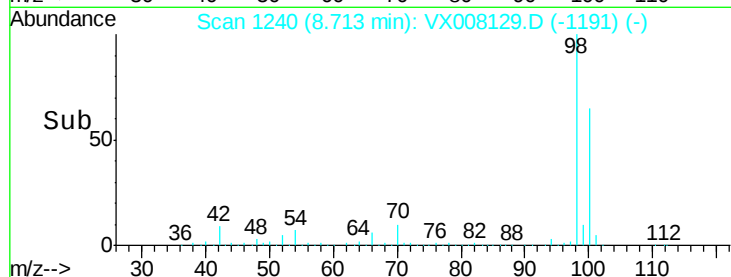
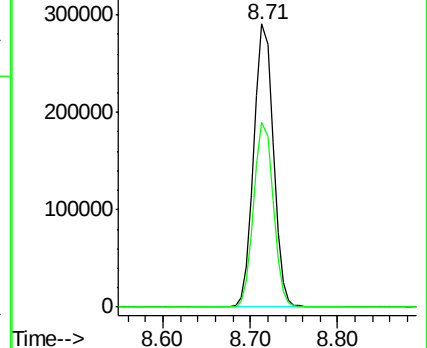
98 100

100 65.3 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 51.759 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008129.D

Acq: 16 Mar 2019 01:44

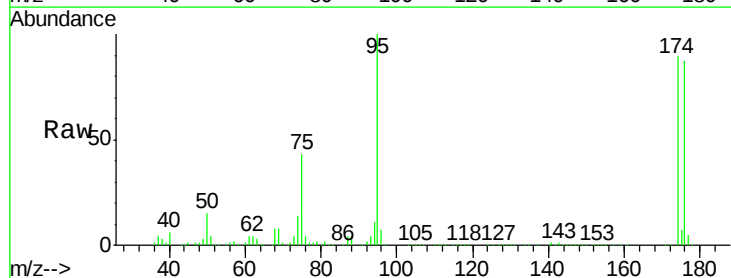
Tgt Ion: 95 Resp: 169312

Ion Ratio Lower Upper

95 100

174 97.2 0.0 182.8

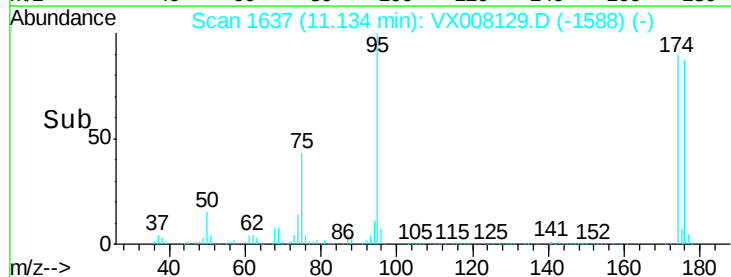
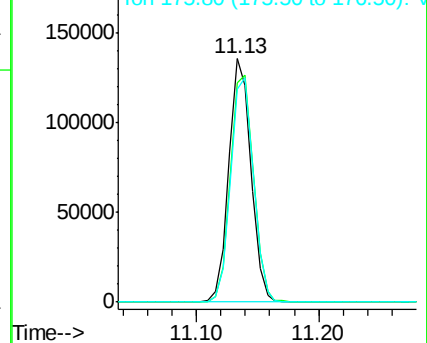
176 95.1 0.0 178.0

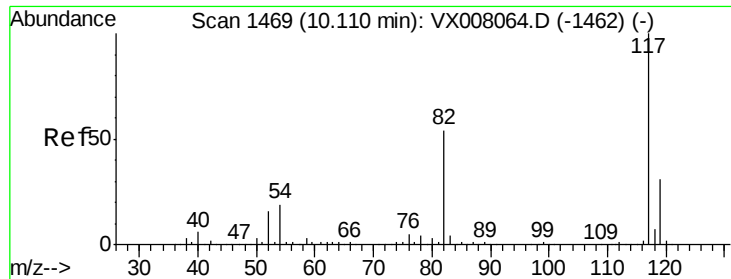


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

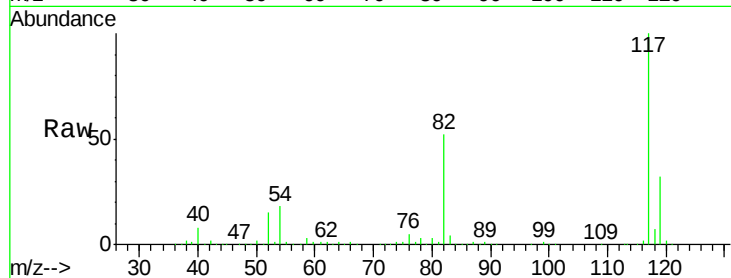




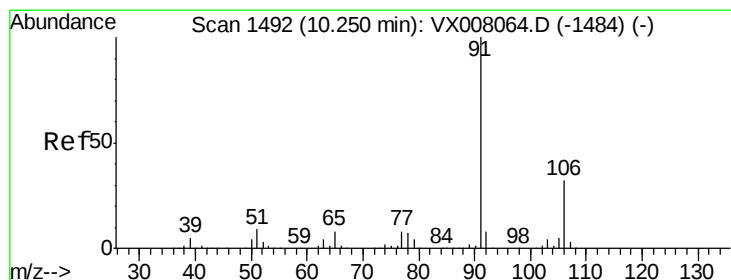
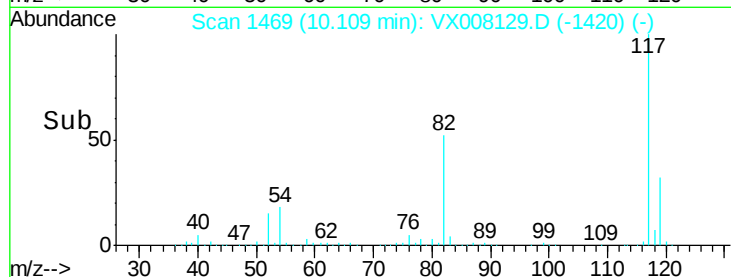
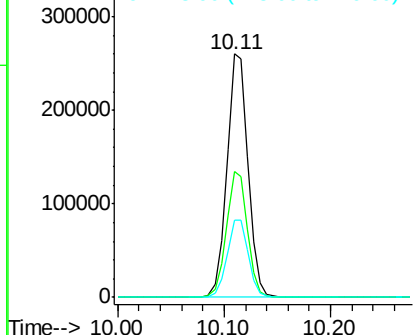
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008129.D
Acq: 16 Mar 2019 01:44

Instrument :
MSVOA_X
ClientSampleId :
RFK-RMAB-MW13-GW

Tot Ion:117 Resp: 360544
Ion Ratio Lower Upper
117 100
82 51.8 44.3 66.5
119 32.0 25.3 37.9

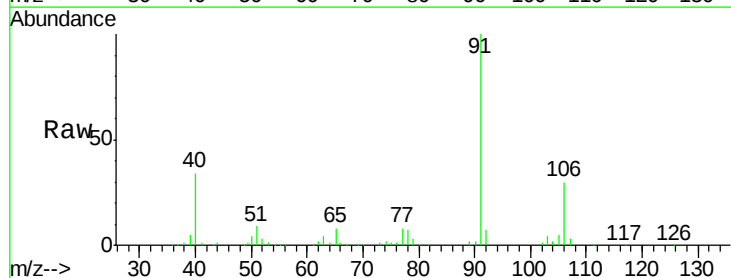


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

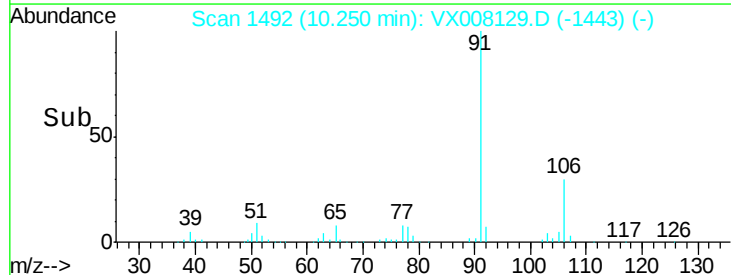
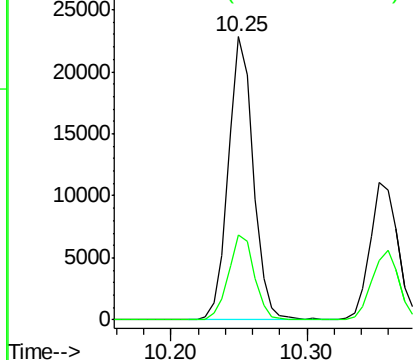


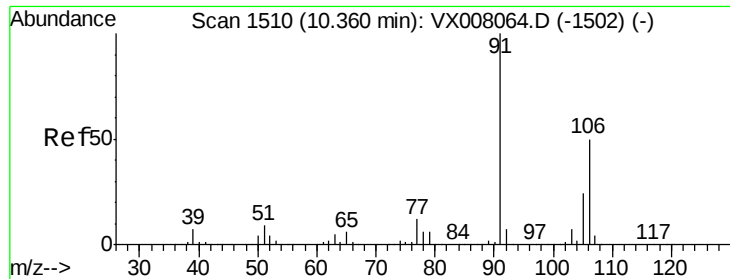
#67
Ethyl Benzene
Concen: 2.468 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008129.D
Acq: 16 Mar 2019 01:44

Tgt Ion: 91 Resp: 29229
Ion Ratio Lower Upper
91 100
106 29.9 25.2 37.8



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

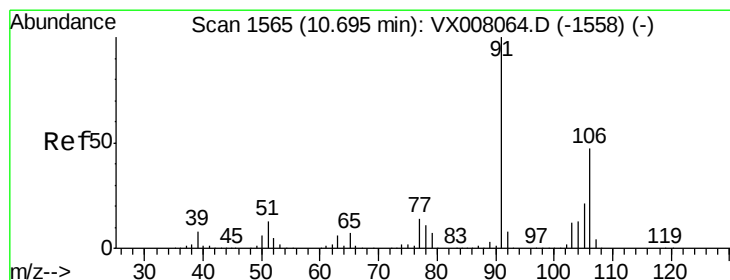
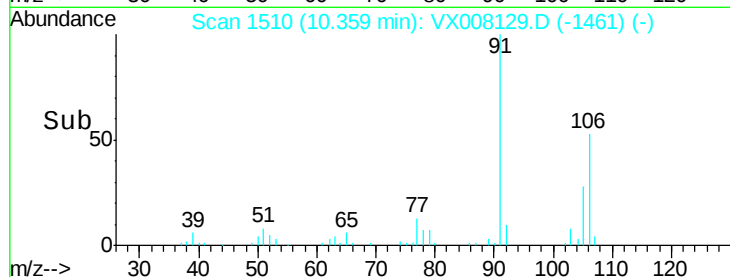
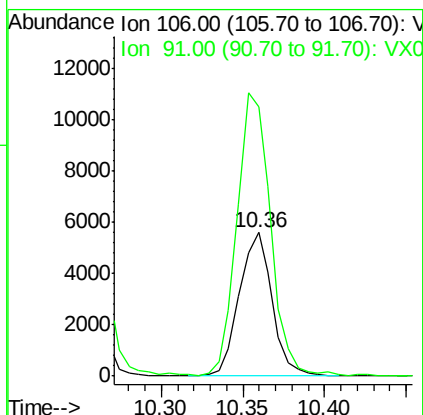
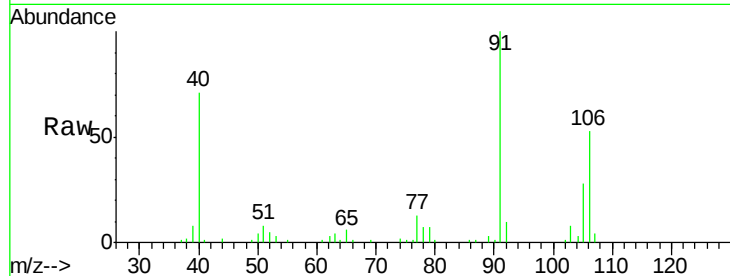




#68
m/p-Xylenes
Concen: 1.726 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008129.D
Acq: 16 Mar 2019 01:44

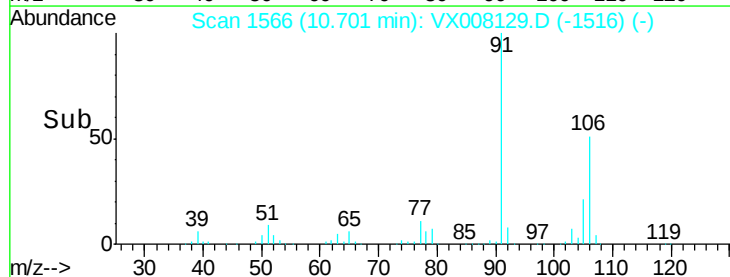
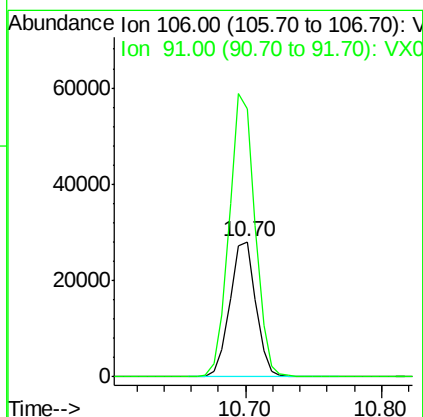
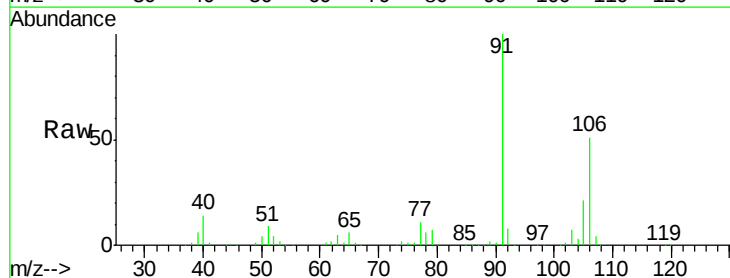
Instrument :
MSVOA_X
ClientSampleId :
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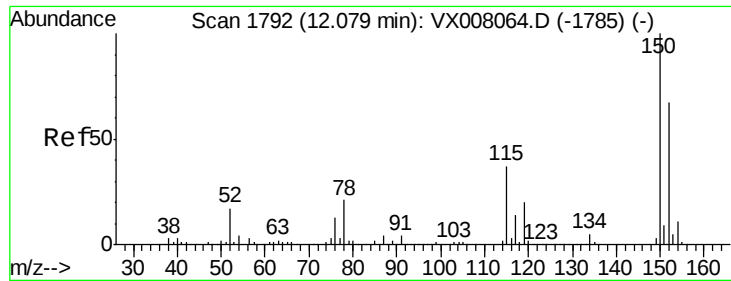
Tot Ion:106 Resp: 7823
Ion Ratio Lower Upper
106 100
91 203.2 159.8 239.6



#69
o-Xylene
Concen: 8.460 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX008129.D
Acq: 16 Mar 2019 01:44

Tgt Ion:106 Resp: 37373
Ion Ratio Lower Upper
106 100
91 208.2 106.3 318.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008129.D

Acq: 16 Mar 2019 01:44

Instrument :

MSVOA_X

ClientSampleId :

RFK-RMAB-MW13-GW

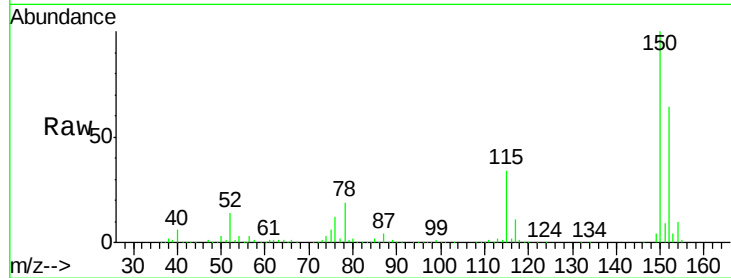
Tot Ion:152 Resp: 183679

Ion Ratio Lower Upper

152 100

115 54.1 38.6 115.7

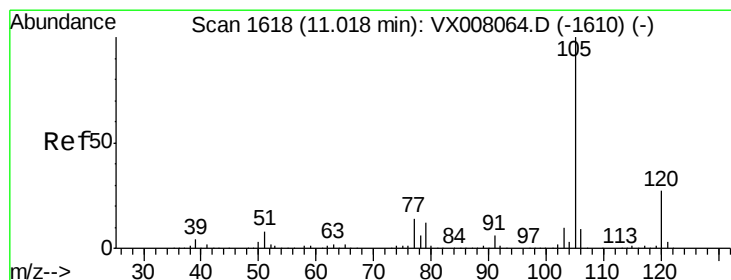
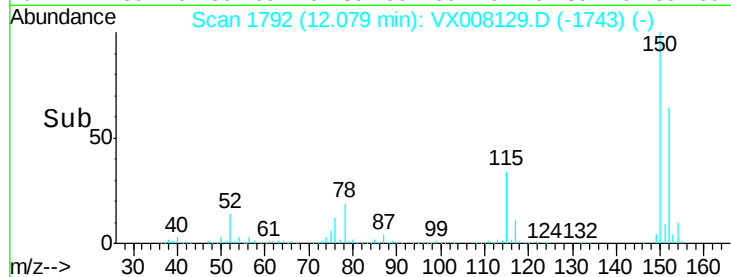
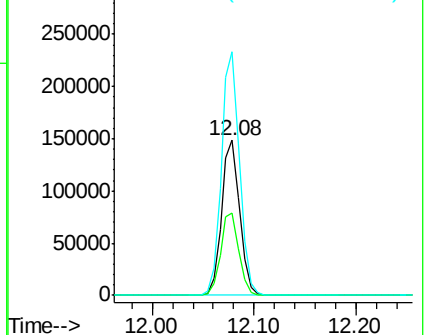
150 157.2 0.0 348.4



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: 0.490 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008129.D

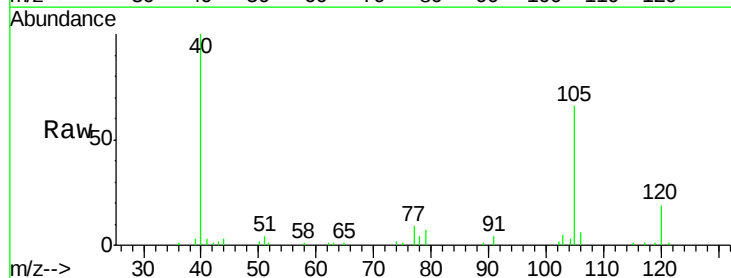
Acq: 16 Mar 2019 01:44

Tgt Ion:105 Resp: 5761

Ion Ratio Lower Upper

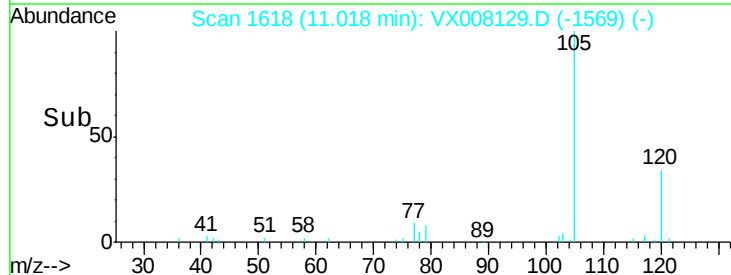
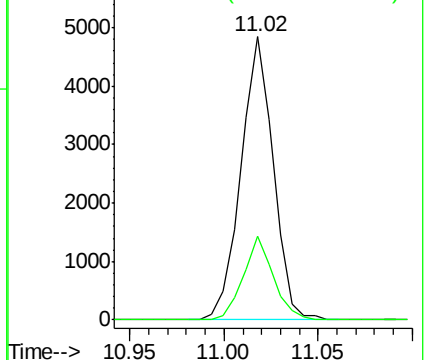
105 100

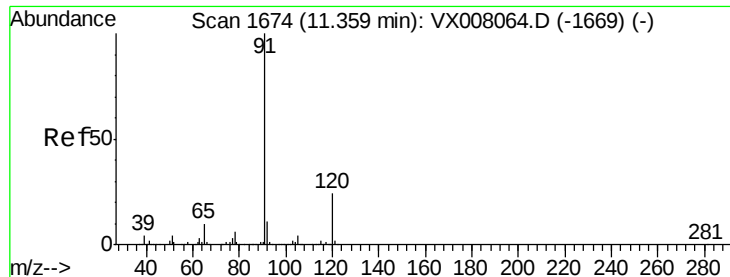
120 27.5 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 1.097 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008129.D

Acq: 16 Mar 2019 01:44

Instrument :

MSVOA_X

ClientSampleId :

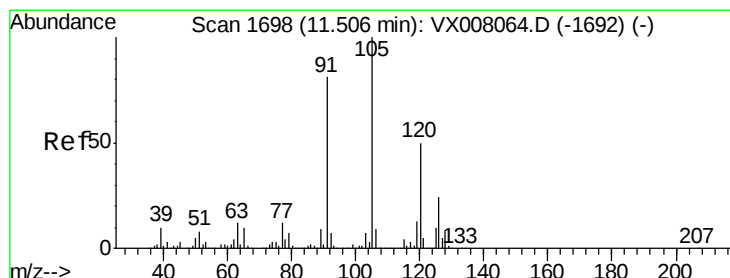
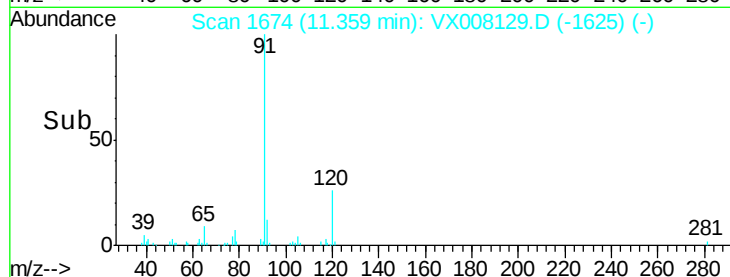
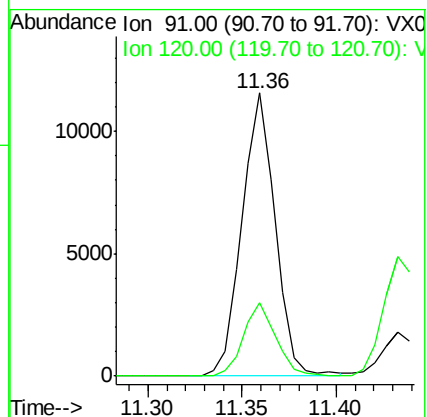
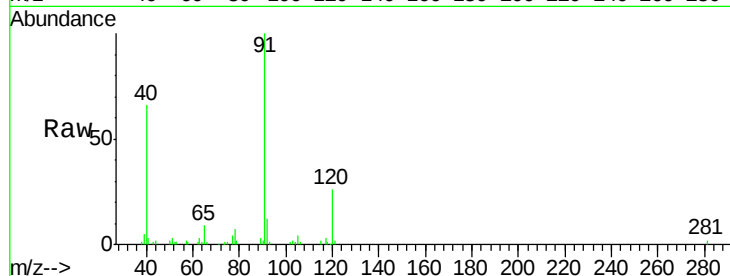
RFK-RMAB-MW13-GW

Tot Ion: 91 Resp: 14165

Ion Ratio Lower Upper

91 100

120 25.0 12.0 36.0



#80

1,3,5-Trimethylbenzene

Concen: 1.791 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008129.D

Acq: 16 Mar 2019 01:44

Tgt Ion: 105 Resp: 17366

Ion Ratio Lower Upper

105 100

120 48.7 24.9 74.6

