

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081619\
 Data File : VX011593.D
 Acq On : 16 Aug 2019 19:56
 Operator : JC/SP
 Sample : K4368-01RE
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-0134RE

Quant Time: Aug 19 03:43:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

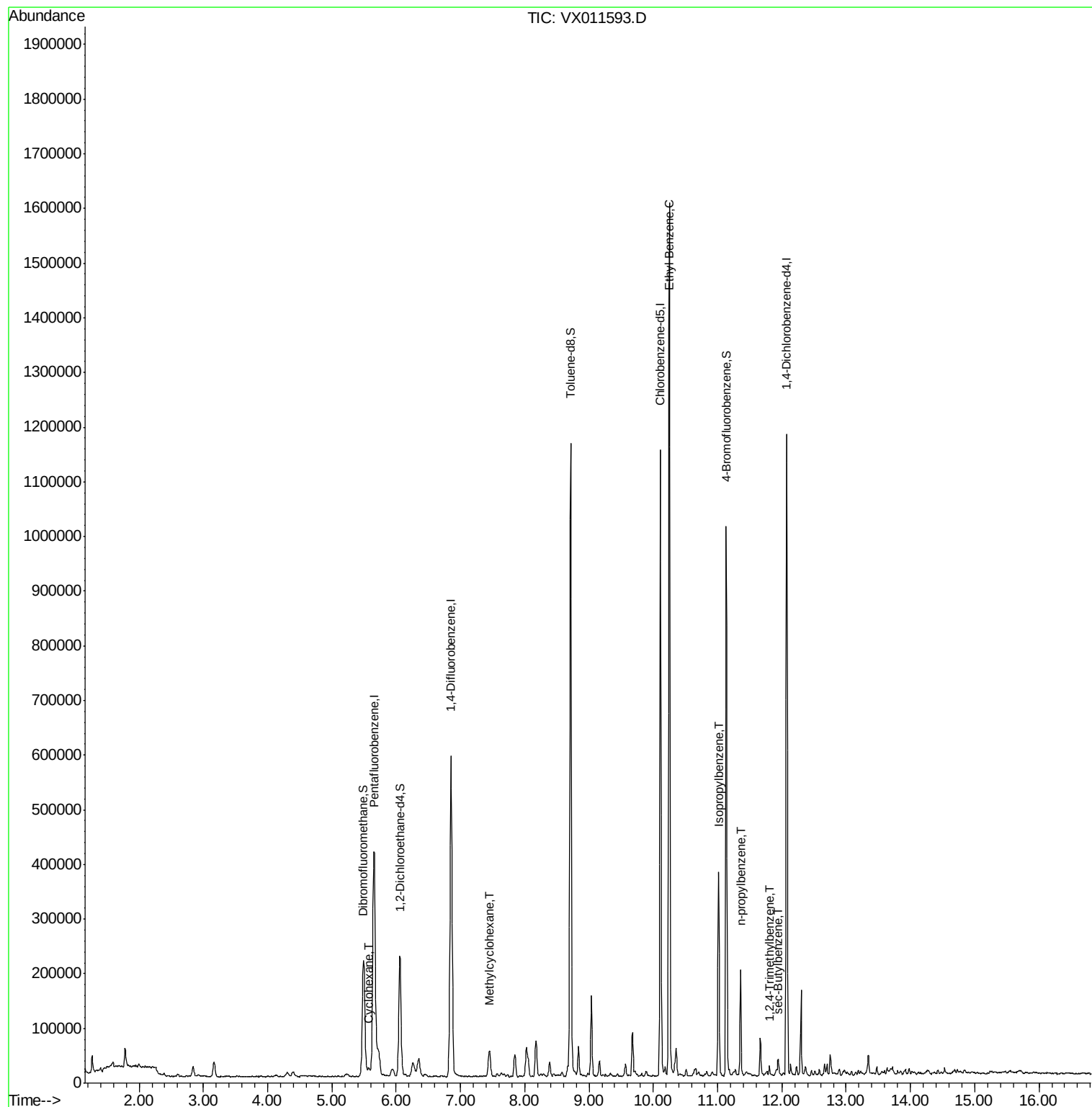
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	454141	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	622295	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	551638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	270566	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	212977	50.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.14%	
35) Dibromofluoromethane	5.49	113	182724	44.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.78%	
50) Toluene-d8	8.71	98	705314	55.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.22%	
62) 4-Bromofluorobenzene	11.13	95	252501	47.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.34%	
Target Compounds						
31) Cyclohexane	5.57	56	9076	1.453	ug/l	95
39) Methylcyclohexane	7.46	83	18348	2.792	ug/l #	77
67) Ethyl Benzene	10.25	91	942331	47.989	ug/l	98
73) Isopropylbenzene	11.02	105	207016	11.791	ug/l	100
78) n-propylbenzene	11.36	91	120558	6.368	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	7392	0.499	ug/l	97
85) sec-Butylbenzene	11.94	105	15613	0.921	ug/l	81

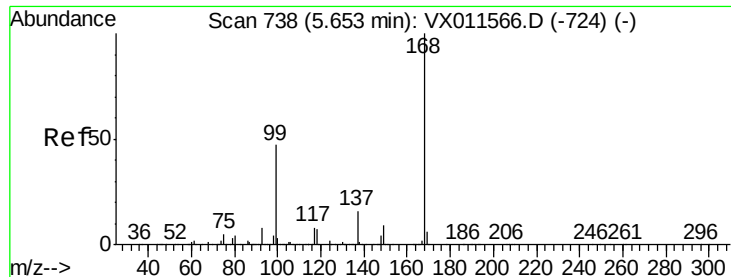
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 16 04:15:26 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: VX011593.D

Acq: 16 Aug 2019 19:56

Instrument :

MSVOA_X

ClientSampleId :

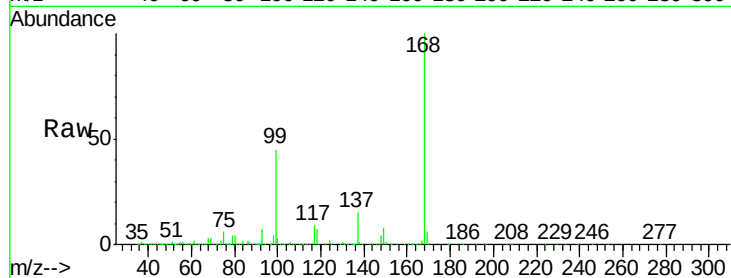
PH2-0134RE

Tot Ion:168 Resp: 454141

Ion Ratio Lower Upper

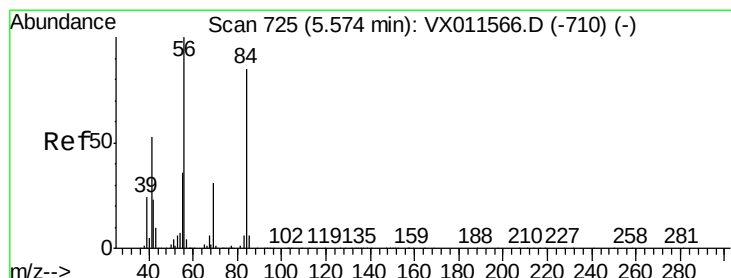
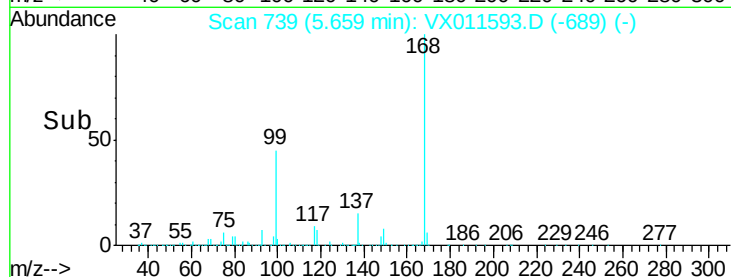
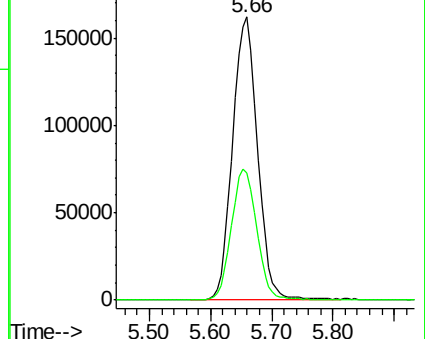
168 100

99 44.6 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#31

Cyclohexane

Concen: 1.453 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX011593.D

Acq: 16 Aug 2019 19:56

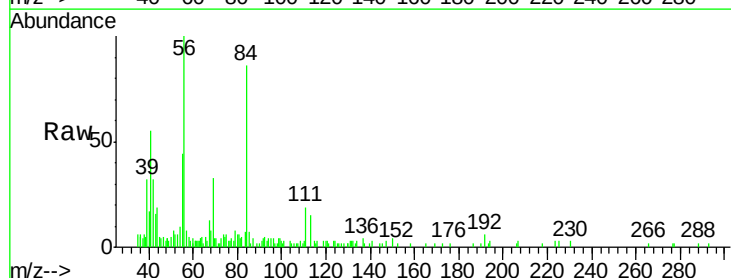
Tgt Ion: 56 Resp: 9076

Ion Ratio Lower Upper

56 100

69 25.5 24.8 37.2

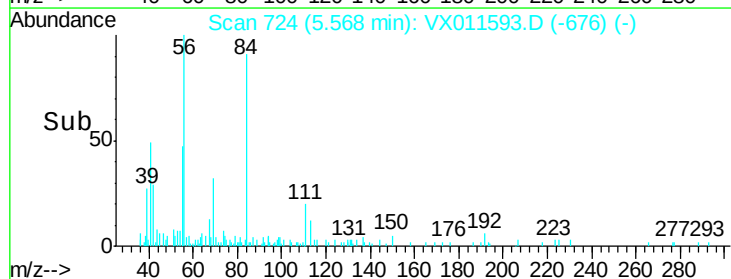
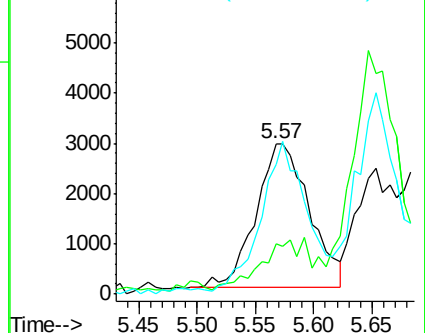
84 87.3 67.9 101.9

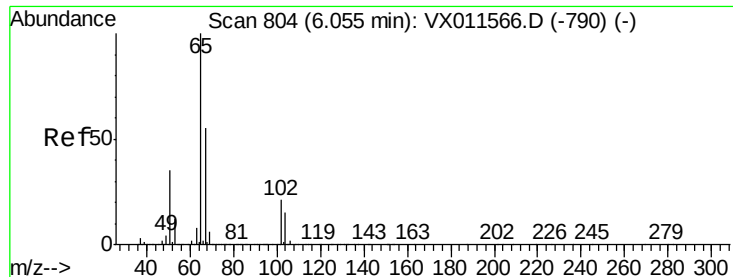


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

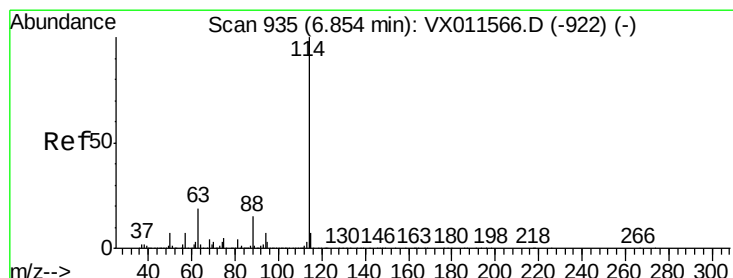
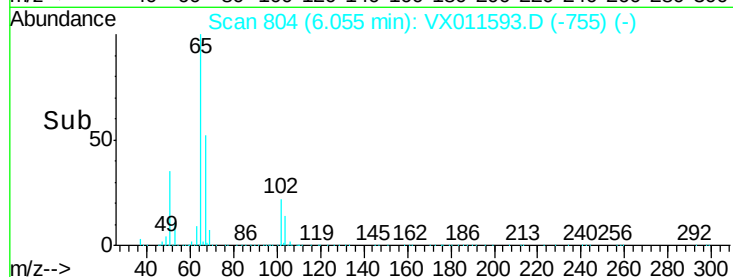
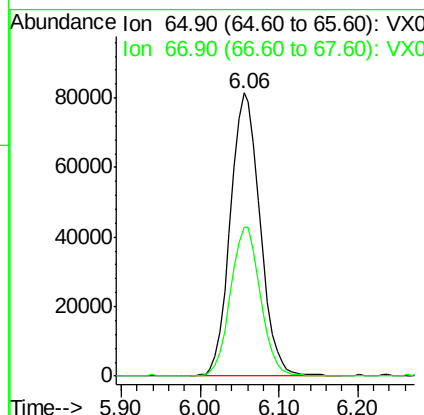
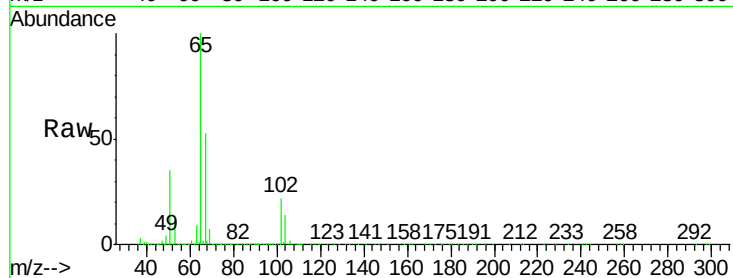




#33
 1,2-Dichloroethane-d4
 Concen: 50.570 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011593.D
 Acq: 16 Aug 2019 19:56

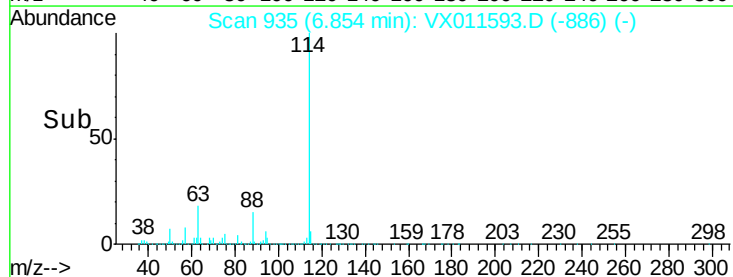
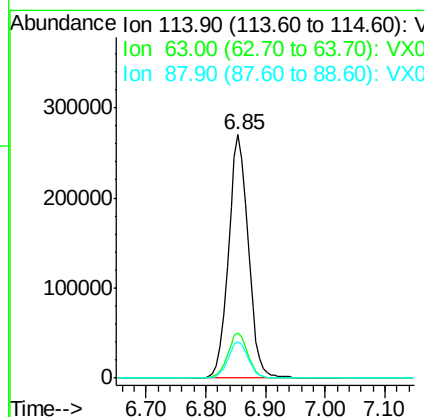
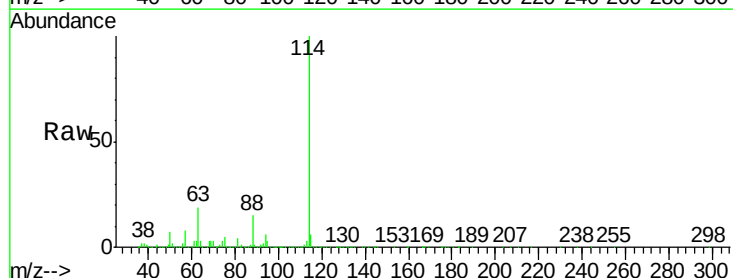
Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-0134RE

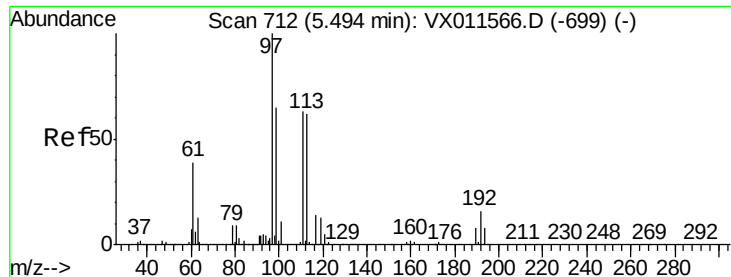
Tot Ion: 65 Resp: 212977
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011593.D
 Acq: 16 Aug 2019 19:56

Tgt Ion: 114 Resp: 622295
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 37.8
 88 14.9 0.0 30.2





#35

Dibromofluoromethane

Concen: 44.893 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011593.D

Acq: 16 Aug 2019 19:56

Instrument :

MSVOA_X

ClientSampleId :

PH2-0134RE

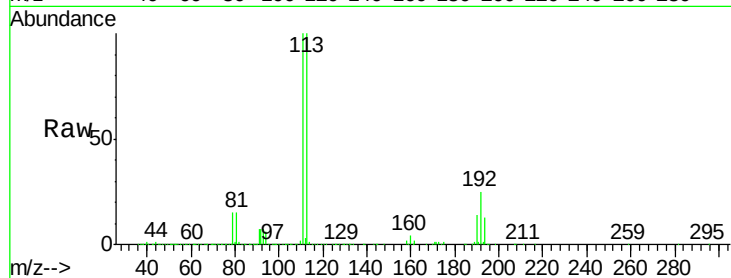
Tot Ion:113 Resp: 182724

Ion Ratio Lower Upper

113 100

111 102.0 81.1 121.7

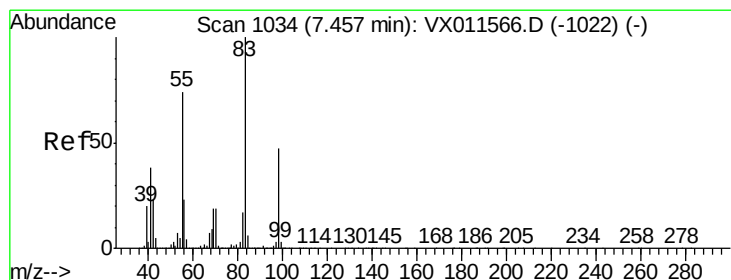
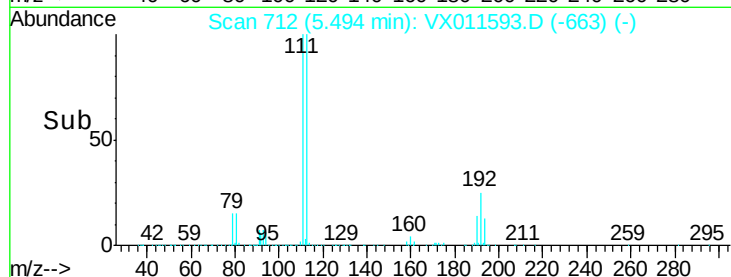
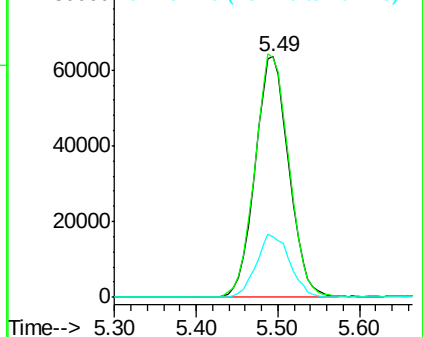
192 26.3 20.8 31.2



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: 2.792 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX011593.D

Acq: 16 Aug 2019 19:56

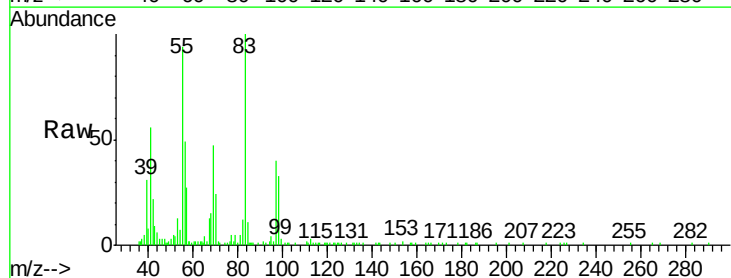
Tgt Ion: 83 Resp: 18348

Ion Ratio Lower Upper

83 100

55 93.0 58.8 88.2#

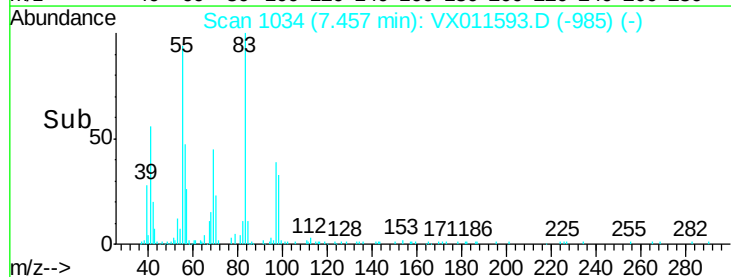
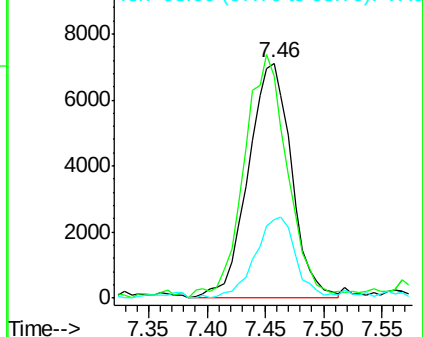
98 31.8 37.8 56.6#

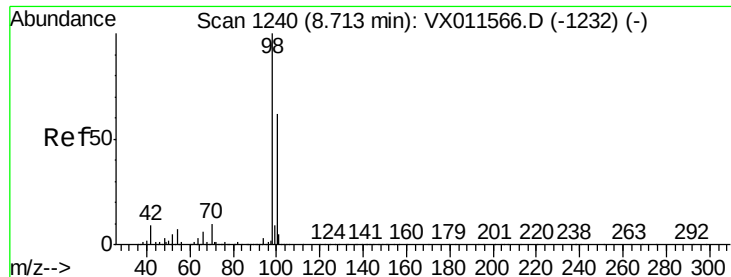


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#50

Toluene-d8

Concen: 55.614 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011593.D

Acq: 16 Aug 2019 19:56

Instrument :

MSVOA_X

ClientSampleId :

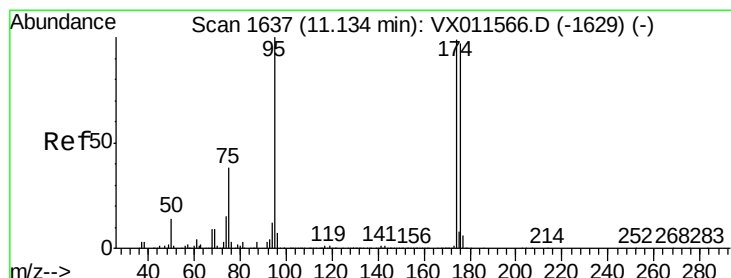
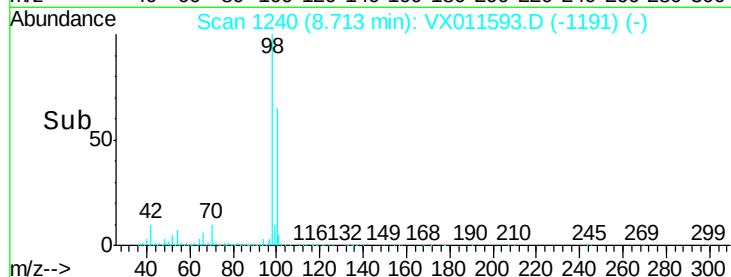
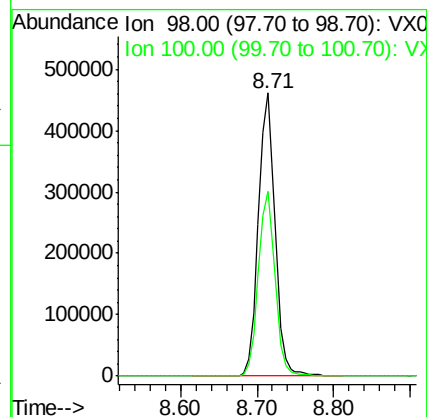
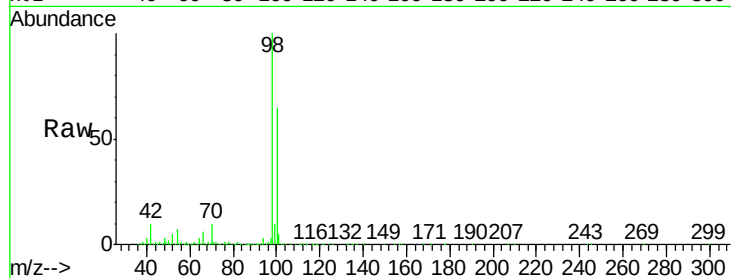
PH2-0134RE

Tot Ion: 98 Resp: 705314

Ion Ratio Lower Upper

98 100

100 65.5 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 47.170 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011593.D

Acq: 16 Aug 2019 19:56

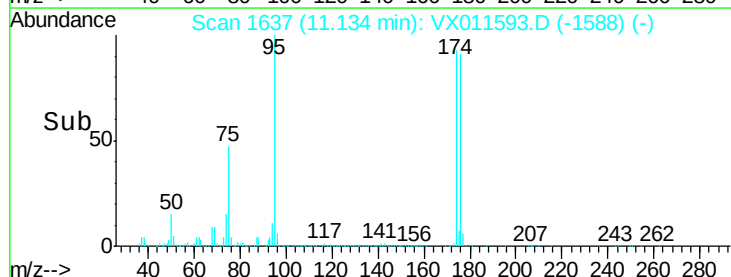
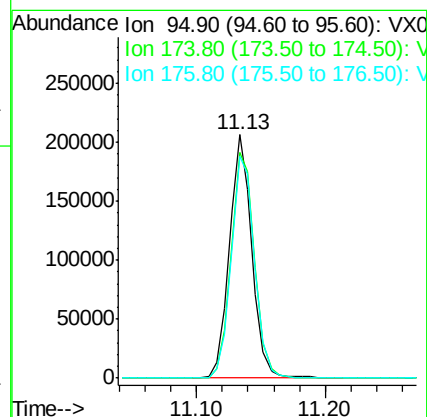
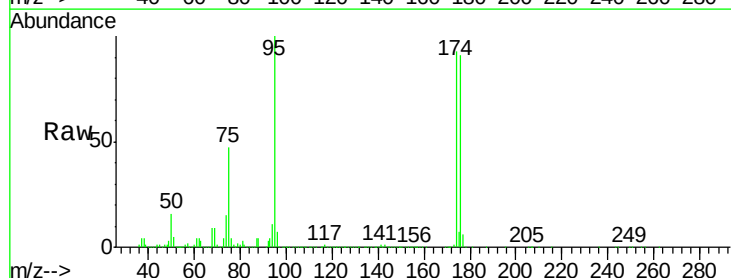
Tgt Ion: 95 Resp: 252501

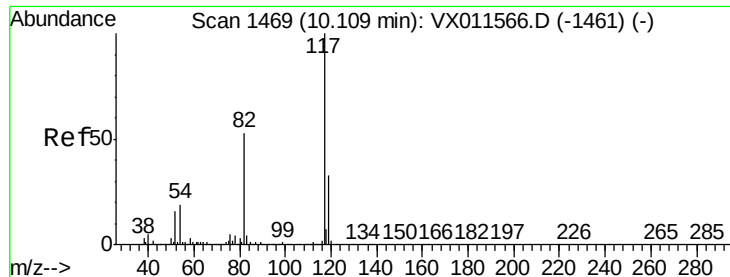
Ion Ratio Lower Upper

95 100

174 97.0 0.0 200.6

176 95.0 0.0 196.6

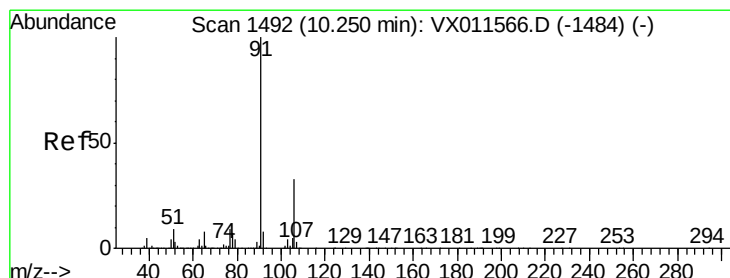
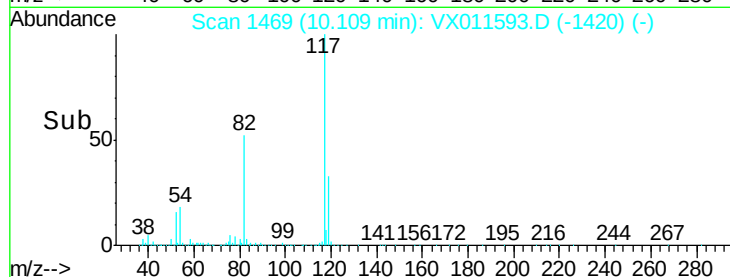
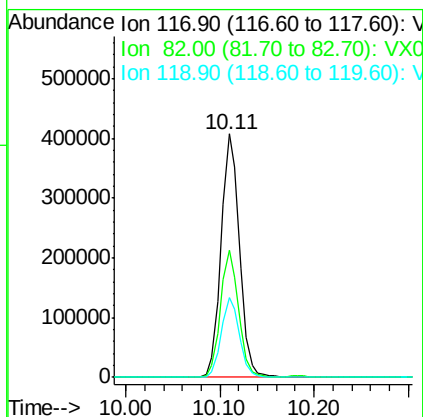
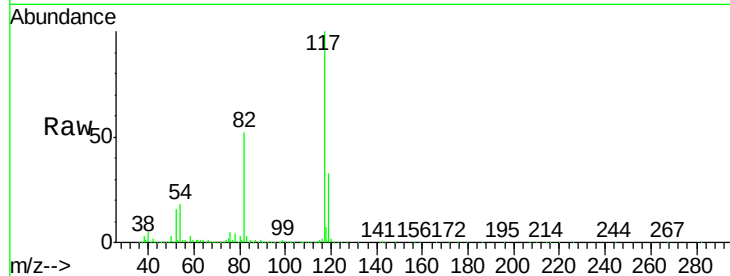




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011593.D
Acq: 16 Aug 2019 19:56

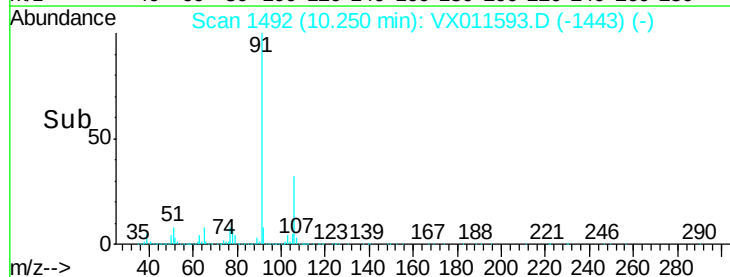
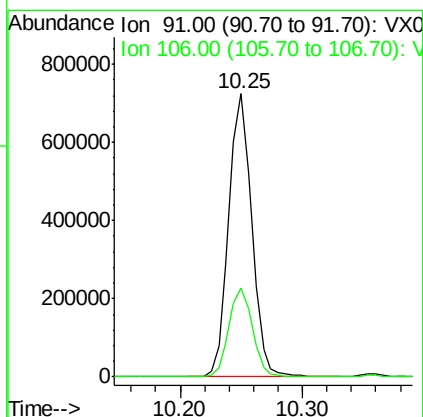
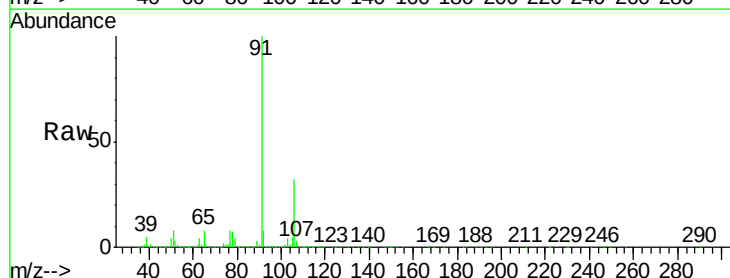
Instrument :
MSVOA_X
ClientSampled :
PH2-0134RE

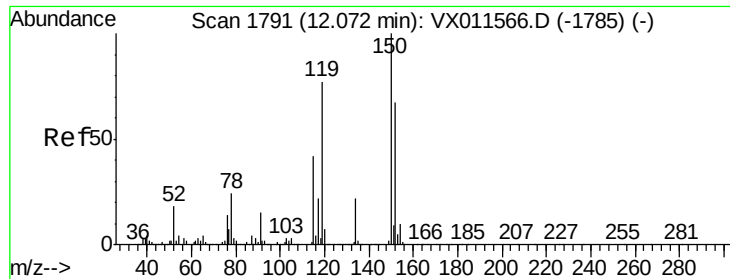
Tot Ion:117 Resp: 551638
Ion Ratio Lower Upper
117 100
82 52.1 42.0 63.0
119 32.7 26.5 39.7



#67
Ethyl Benzene
Concen: 47.989 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011593.D
Acq: 16 Aug 2019 19:56

Tgt Ion: 91 Resp: 942331
Ion Ratio Lower Upper
91 100
106 31.6 26.0 39.0

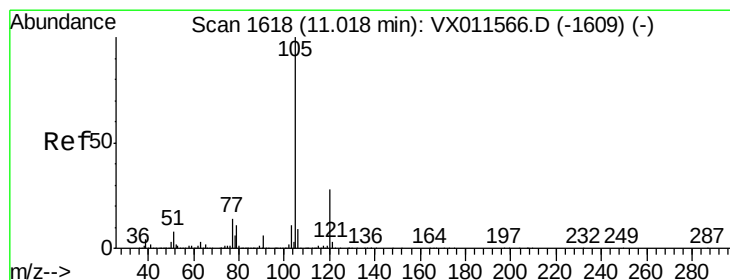
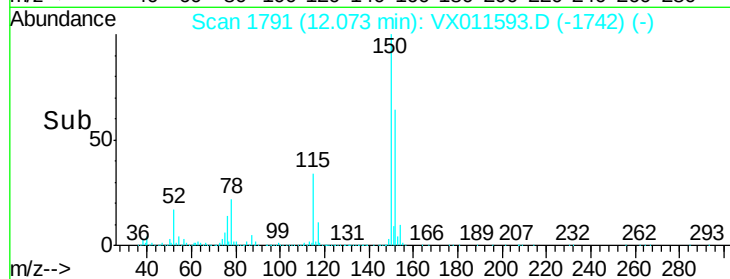
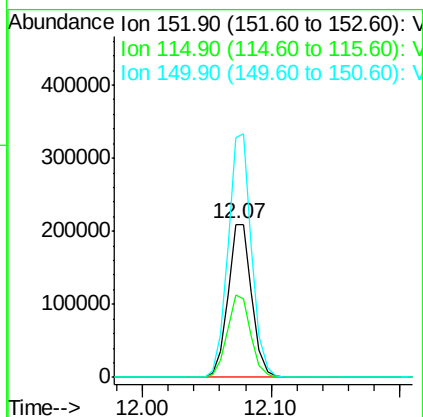
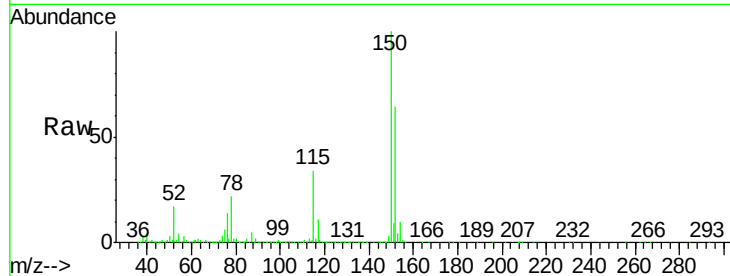




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX011593.D
 Acq: 16 Aug 2019 19:56

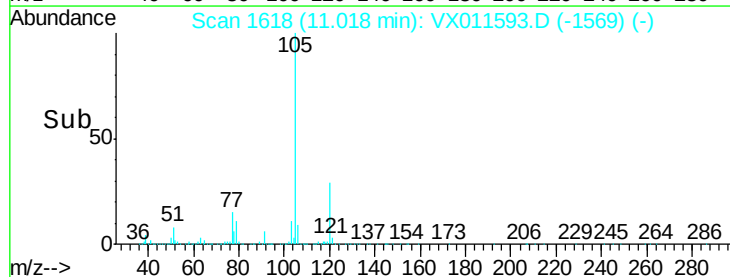
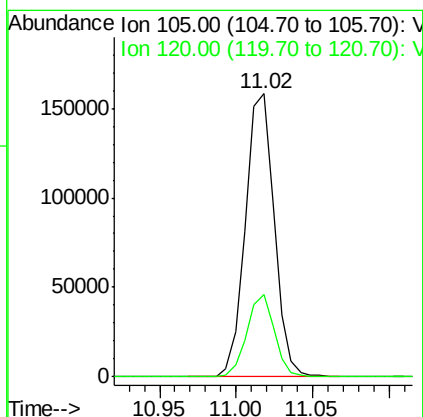
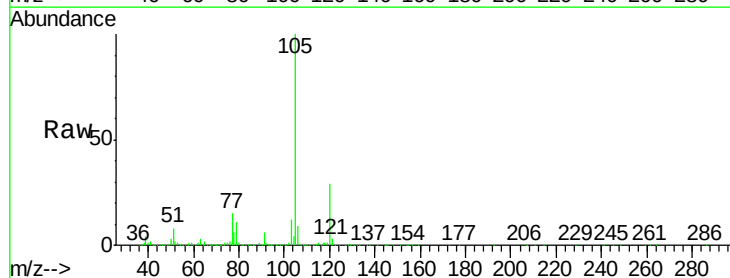
Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-0134RE

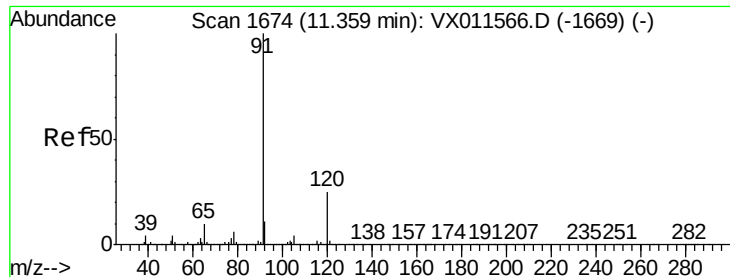
Tot Ion	Ratio	Lower	Upper
152	100		
115	53.1	37.3	111.9
150	157.3	0.0	346.2



#73
 Isopropylbenzene
 Concen: 11.791 ug/l
 RT: 11.02 min Scan# 1618
 Delta R.T. 0.00 min
 Lab File: VX011593.D
 Acq: 16 Aug 2019 19:56

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.9	14.0	41.9





#78

n-propylbenzene

Concen: 6.368 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011593.D

Acq: 16 Aug 2019 19:56

Instrument :

MSVOA_X

ClientSampled :

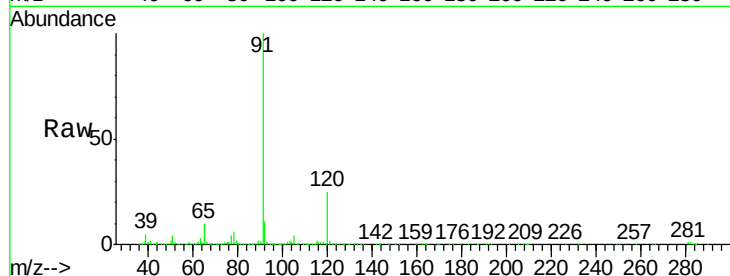
PH2-0134RE

Tot Ion: 91 Resp: 120558

Ion Ratio Lower Upper

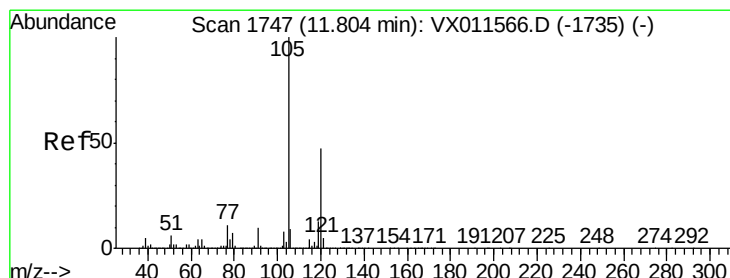
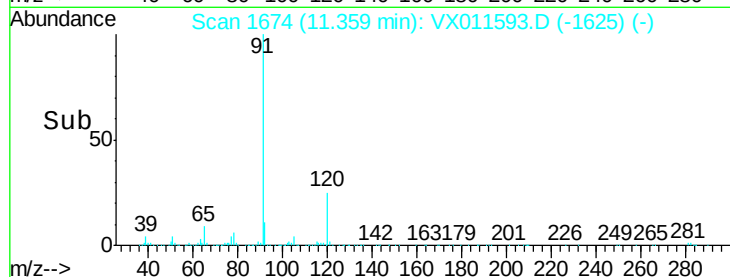
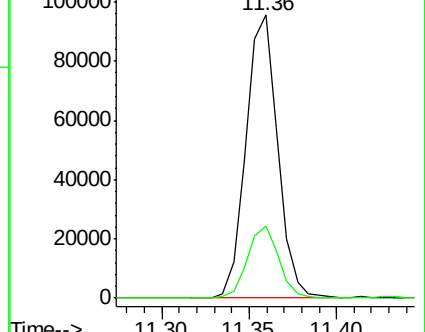
91 100

120 25.1 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX011566.D (-1669) (-)

Ion 120.00 (119.70 to 120.70): VX011566.D (-1669) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.499 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX011593.D

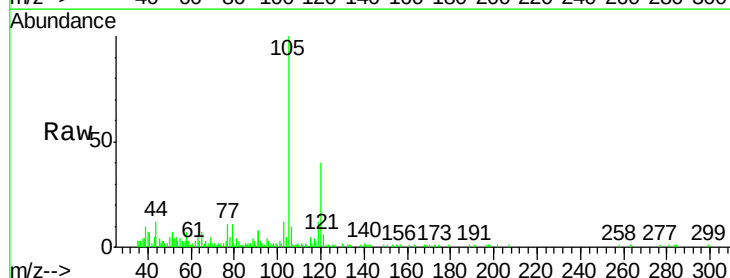
Acq: 16 Aug 2019 19:56

Tgt Ion: 105 Resp: 7392

Ion Ratio Lower Upper

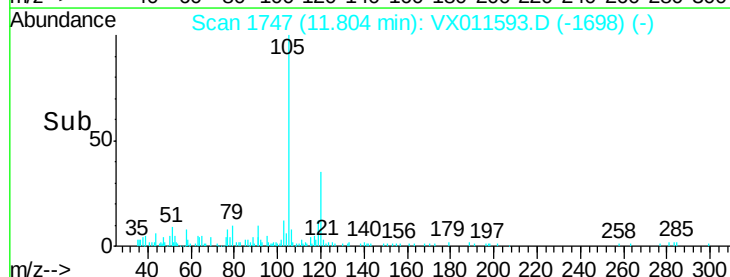
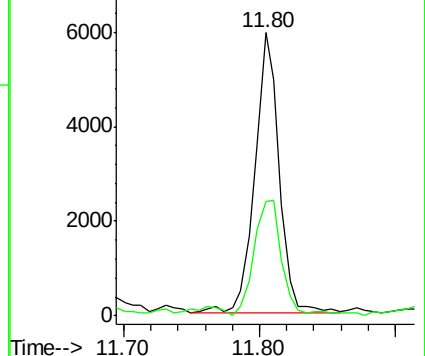
105 100

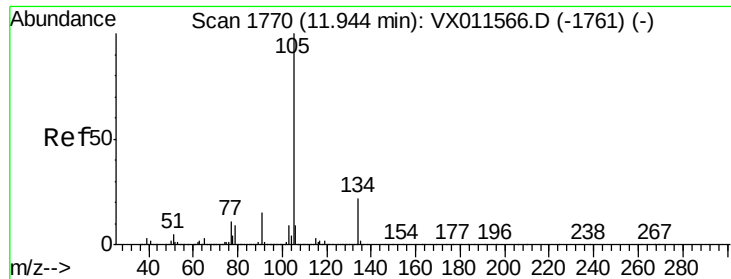
120 48.9 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): VX011566.D (-1735) (-)

Ion 120.00 (119.70 to 120.70): VX011566.D (-1735) (-)





#85
 sec-Butylbenzene
 Concen: 0.921 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX011593.D
 Acq: 16 Aug 2019 19:56

Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-0134RE

Tot Ion:105 Resp: 15613
 Ion Ratio Lower Upper
 105 100
 134 30.5 10.8 32.4

