

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060618\
 Data File : VX002363.D
 Acq On : 06 Jun 2018 19:56
 Operator : JC/MD
 Sample : J3312-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 W-13

Quant Time: Jun 07 05:04:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	227654	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	324117	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	295979	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	172355	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	152750	46.69	ug/l	0.00
Spiked Amount			Recovery	=	93.38%	
35) Dibromofluoromethane	5.51	113	113739	44.62	ug/l	0.00
Spiked Amount			Recovery	=	89.24%	
50) Toluene-d8	8.72	98	464787	47.57	ug/l	0.00
Spiked Amount			Recovery	=	95.14%	
62) 4-Bromofluorobenzene	11.14	95	163876	43.50	ug/l	0.00
Spiked Amount			Recovery	=	87.00%	

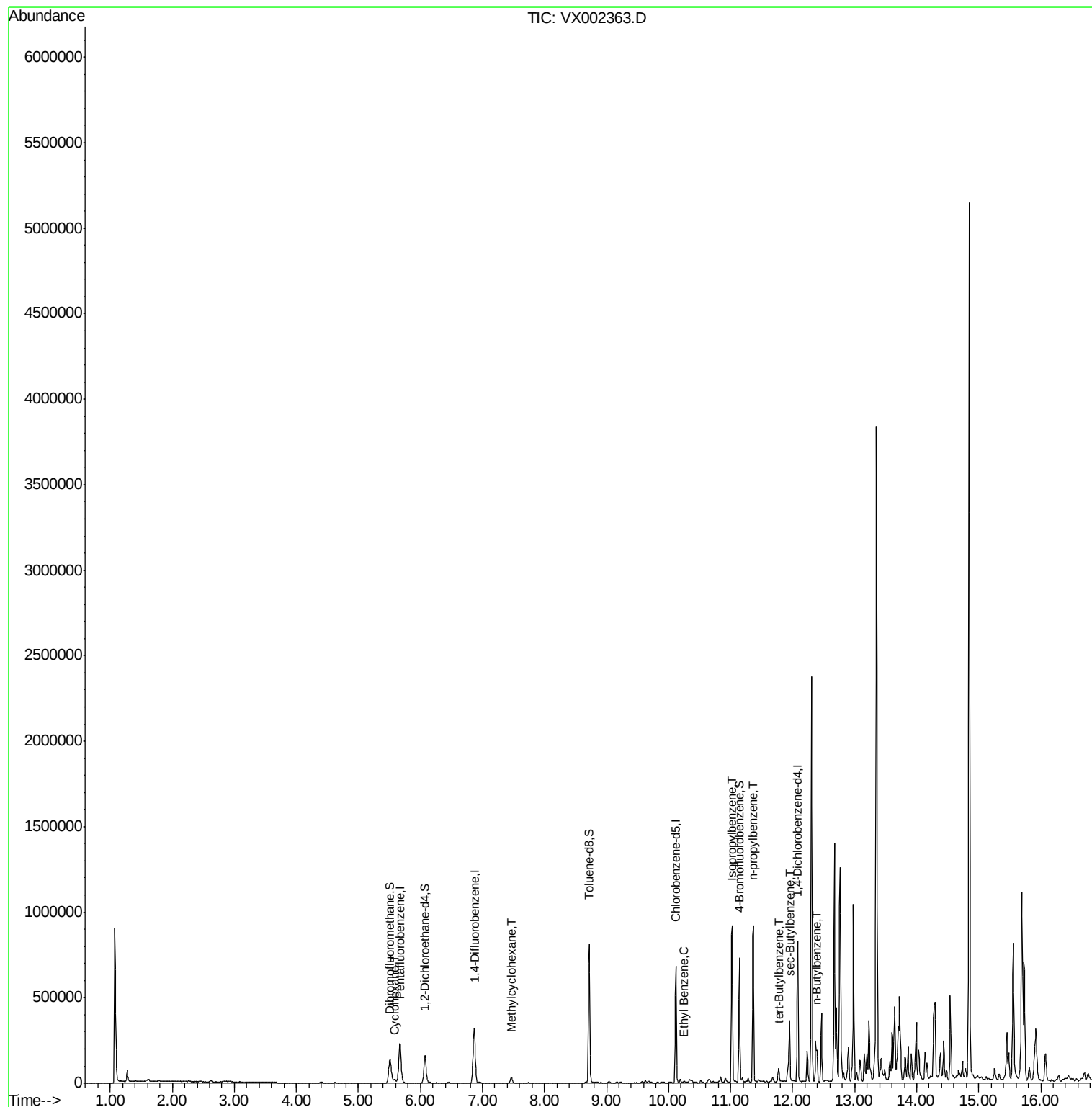
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.57	56	12582	3.06	ug/l	# 94
39) Methylcyclohexane	7.46	83	13469	3.45	ug/l	96
67) Ethyl Benzene	10.26	91	2605	0.21	ug/l	92
73) Isopropylbenzene	11.02	105	475937	39.70	ug/l	100
78) n-propylbenzene	11.37	91	555203	41.66	ug/l	99
83) tert-Butylbenzene	11.77	119	28425	2.84	ug/l	92
85) sec-Butylbenzene	11.95	105	178773	15.23	ug/l	85
89) n-Butylbenzene	12.39	91	82391	9.19	ug/l	# 75

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

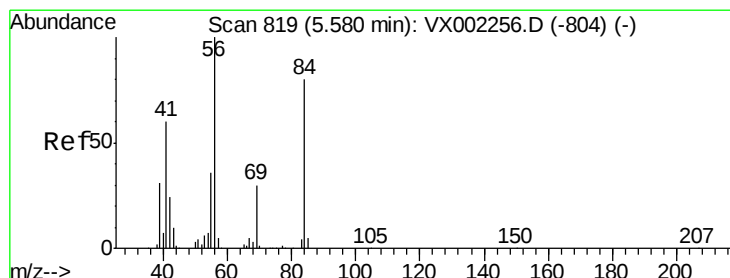
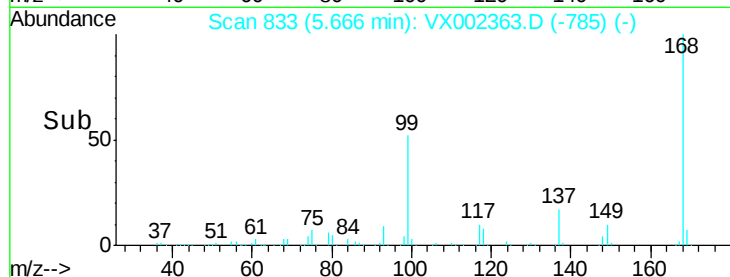
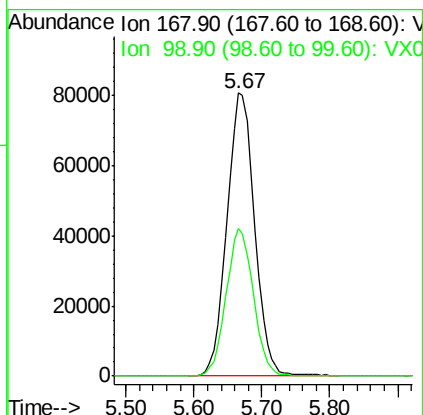
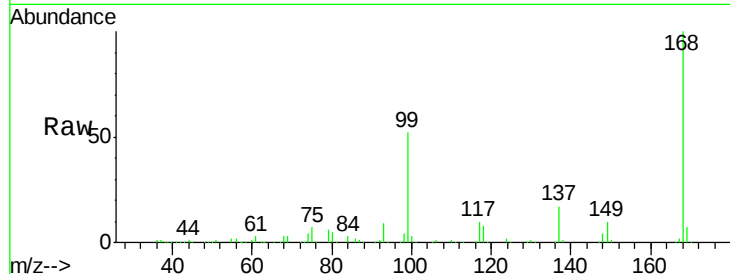




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.01 min
Lab File: VX002363.D
Acq: 06 Jun 2018 19:56

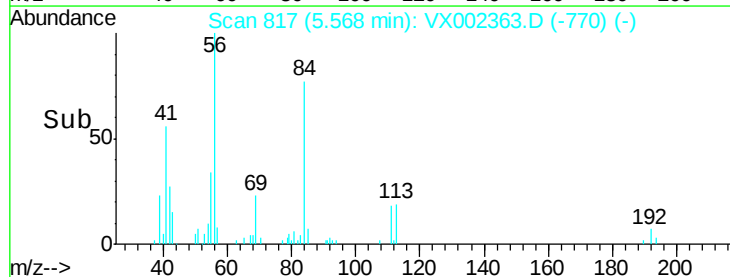
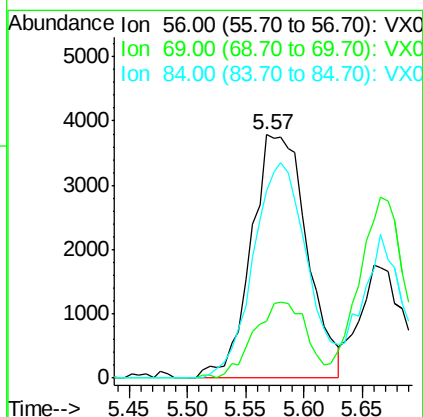
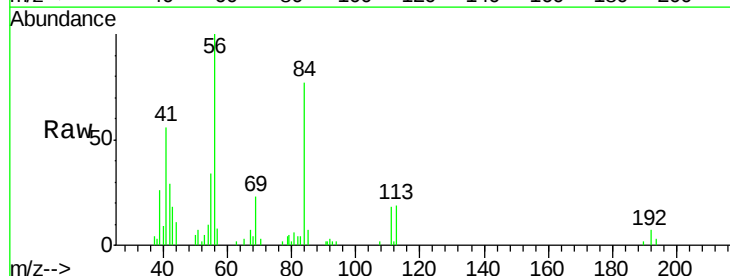
Instrument :
MSVOA_X
ClientSampled :
W-13

Tot Ion:168 Resp: 227654
Ion Ratio Lower Upper
168 100
99 52.2 39.3 58.9



#31
Cyclohexane
Concen: 3.06 ug/l
RT: 5.57 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX002363.D
Acq: 06 Jun 2018 19:56

Tgt Ion: 56 Resp: 12582
Ion Ratio Lower Upper
56 100
69 23.2 23.7 35.5#
84 77.1 64.1 96.1

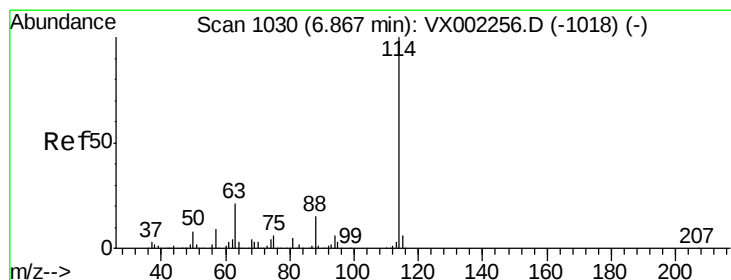
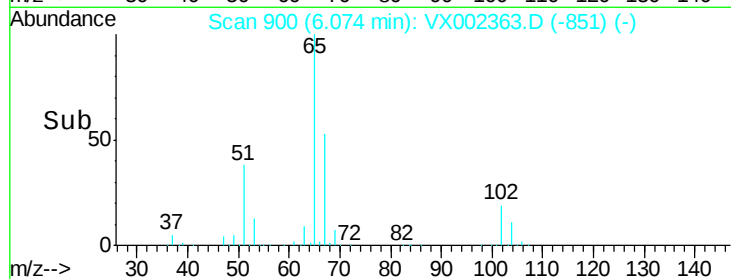
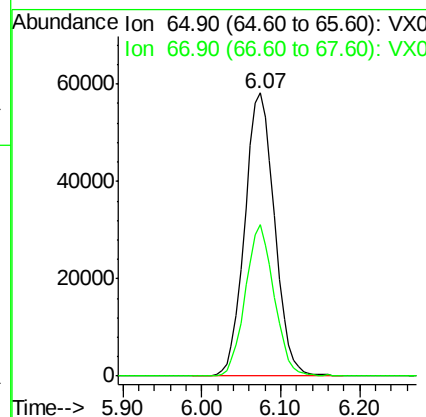
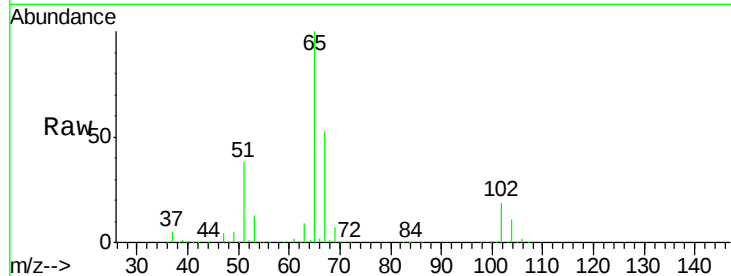




#33
 1,2-Dichloroethane-d4
 Concen: 46.69 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002363.D
 Acq: 06 Jun 2018 19:56

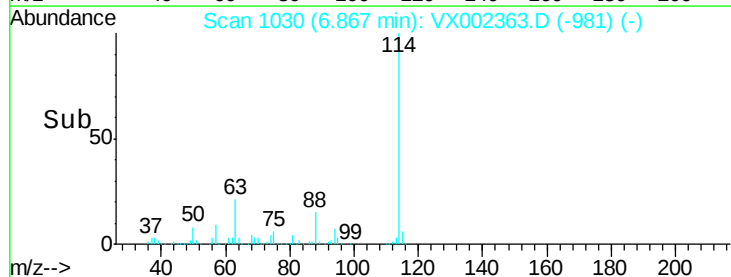
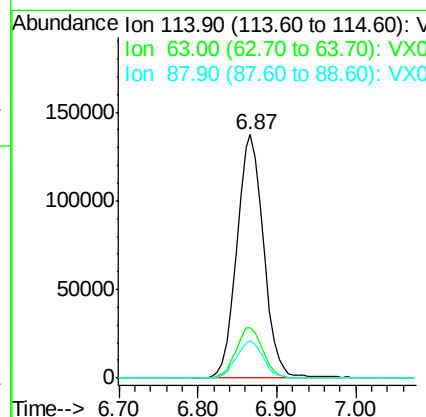
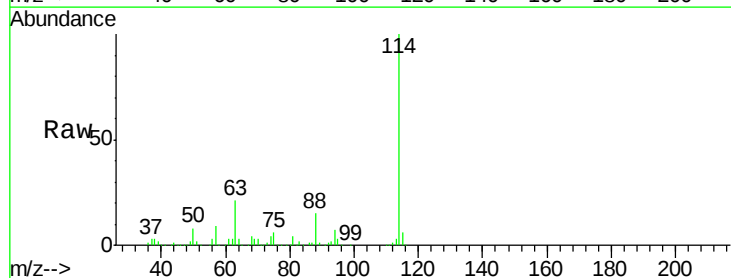
Instrument :
 MSVOA_X
 ClientSampleId :
 W-13

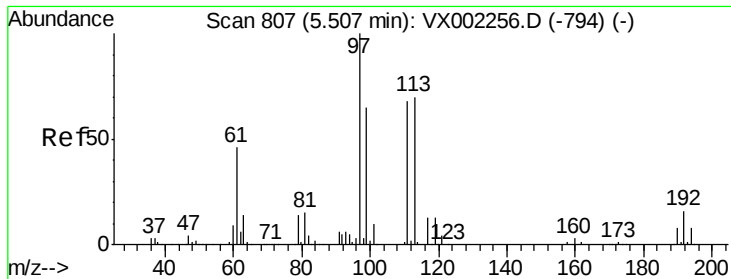
Tot Ion: 65 Resp: 152750
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002363.D
 Acq: 06 Jun 2018 19:56

Tgt Ion: 114 Resp: 324117
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 41.4
 88 15.2 0.0 30.0





#35

Dibromofluoromethane

Concen: 44.62 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002363.D

Acq: 06 Jun 2018 19:56

Instrument :

MSVOA_X

ClientSampled :

W-13

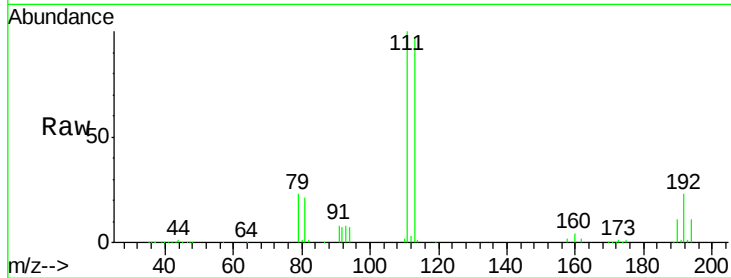
Tot Ion:113 Resp: 113739

Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.0

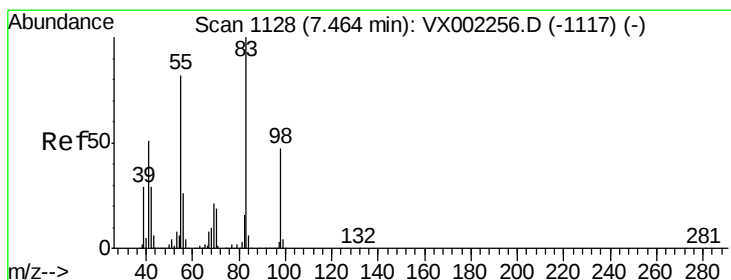
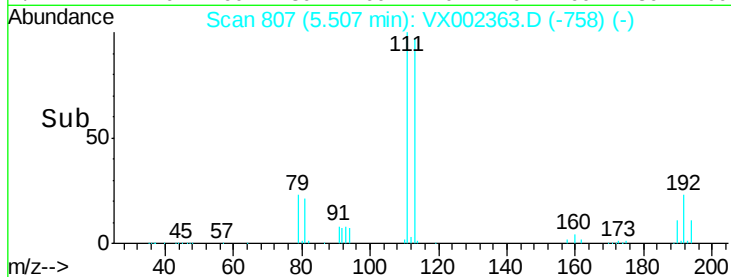
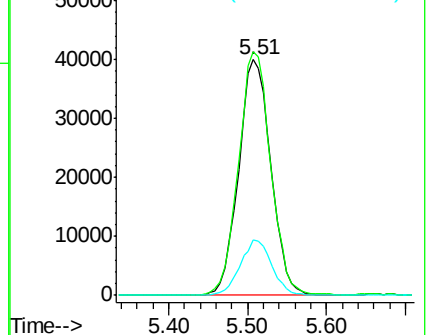
192 23.0 19.1 28.7



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



#39

Methylcyclohexane

Concen: 3.45 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX002363.D

Acq: 06 Jun 2018 19:56

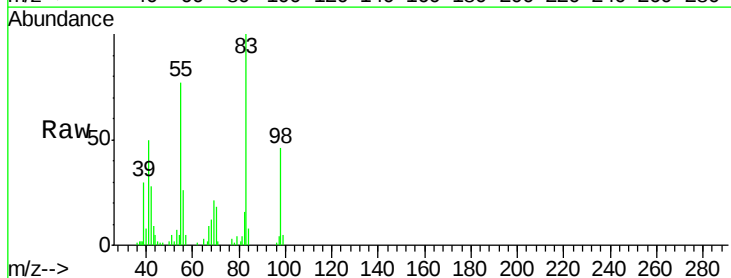
Tgt Ion: 83 Resp: 13469

Ion Ratio Lower Upper

83 100

55 76.4 65.4 98.0

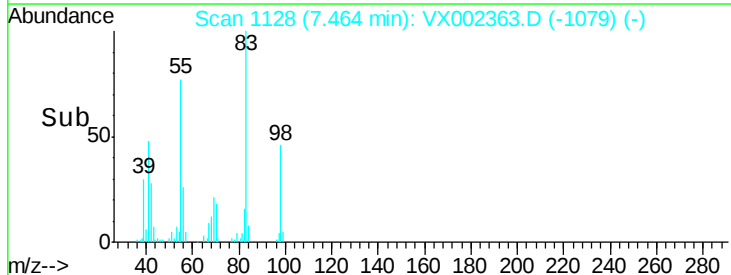
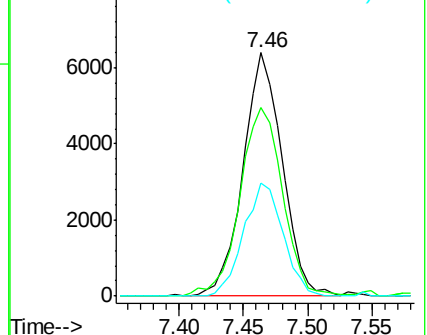
98 46.2 37.4 56.0

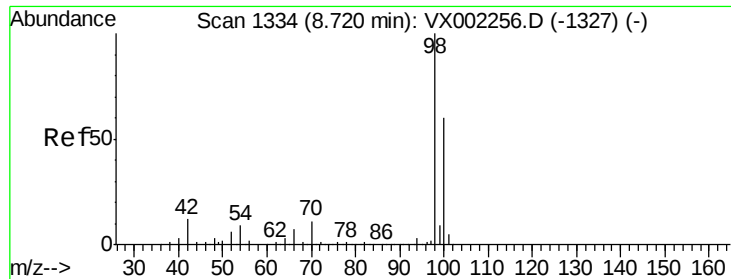


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#50

Toluene-d8

Concen: 47.57 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002363.D

Acq: 06 Jun 2018 19:56

Instrument :

MSVOA_X

ClientSampleId :

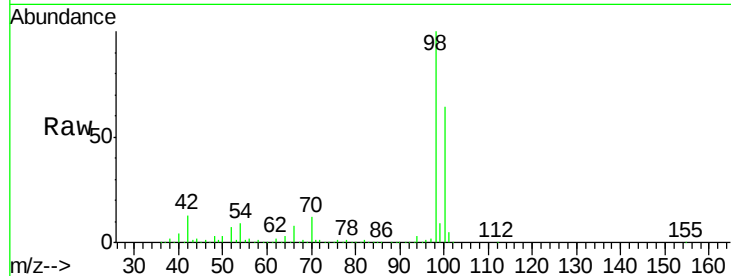
W-13

Tot Ion: 98 Resp: 464787

Ion Ratio Lower Upper

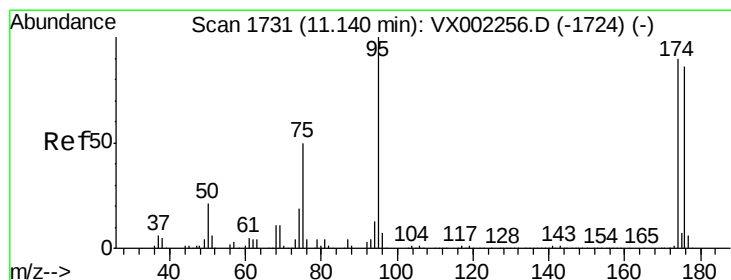
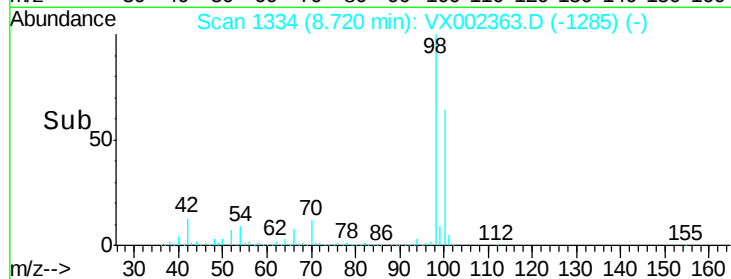
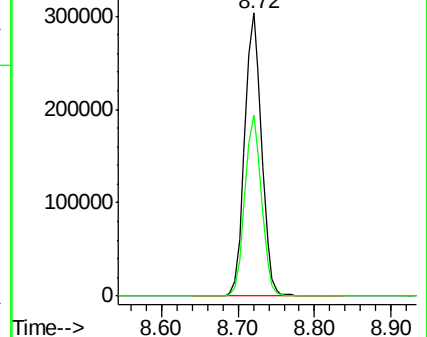
98 100

100 63.2 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 43.50 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002363.D

Acq: 06 Jun 2018 19:56

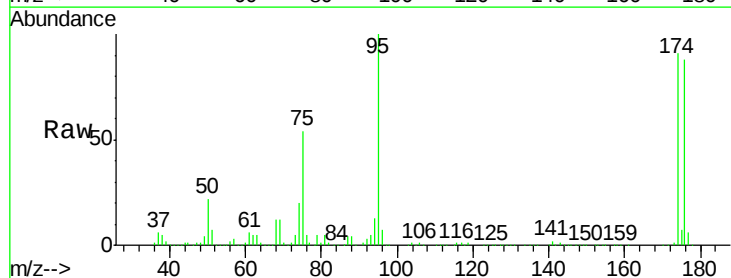
Tgt Ion: 95 Resp: 163876

Ion Ratio Lower Upper

95 100

174 94.3 0.0 187.4

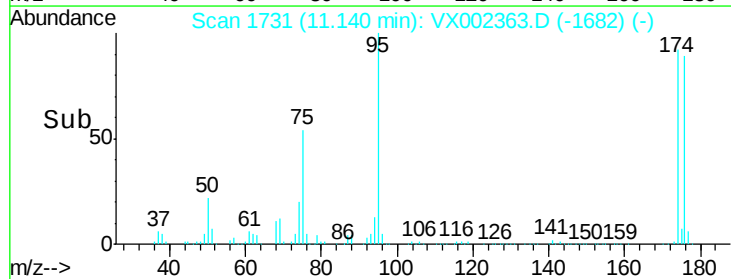
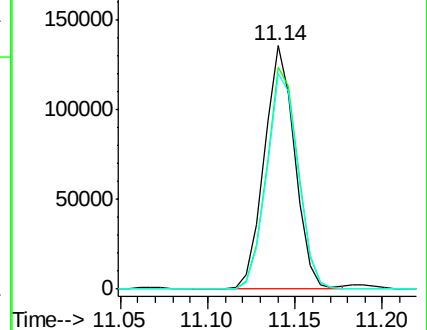
176 91.7 0.0 181.0

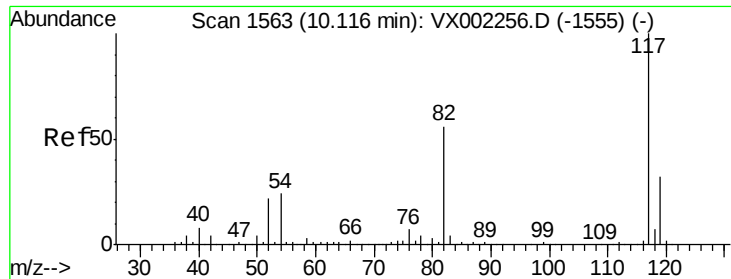


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

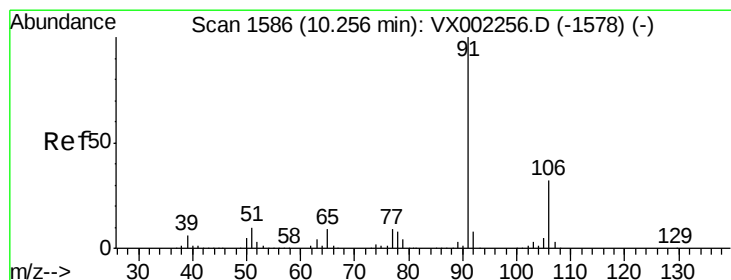
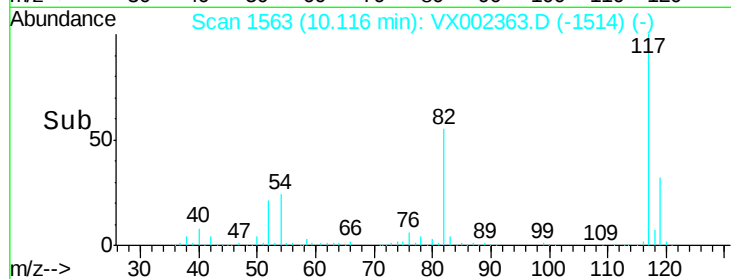
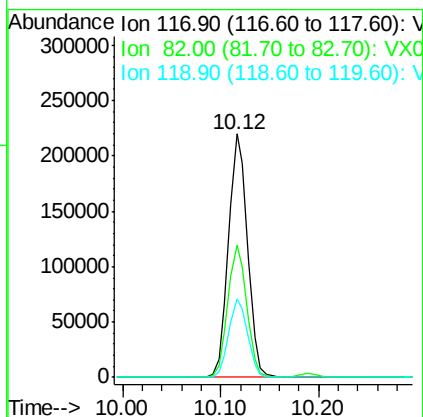
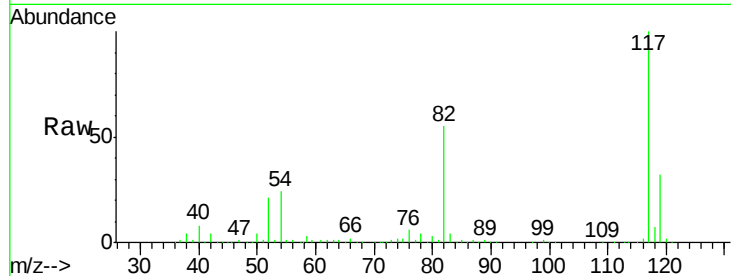




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002363.D
Acq: 06 Jun 2018 19:56

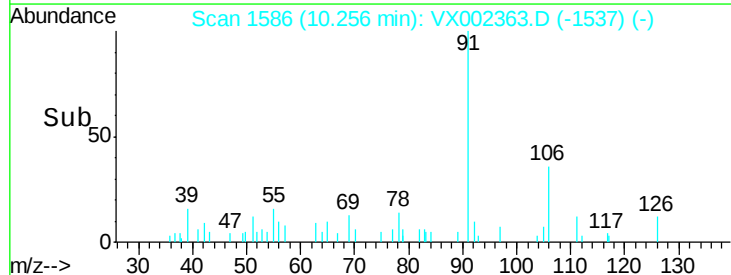
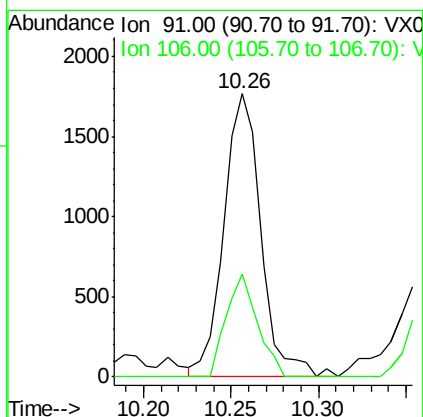
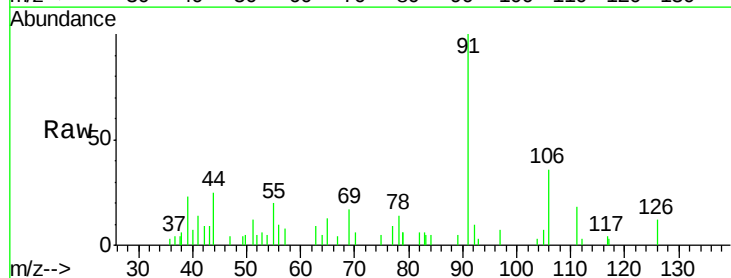
Instrument :
MSVOA_X
ClientSampleId :
W-13

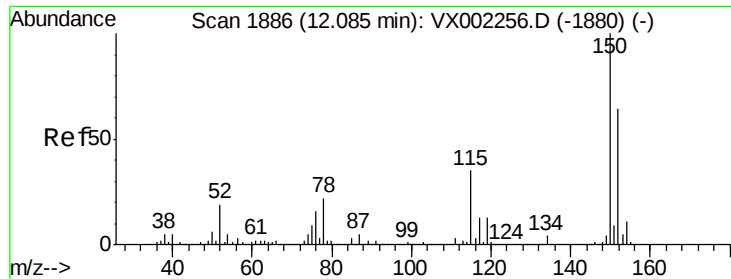
Tot Ion:117 Resp: 295979
Ion Ratio Lower Upper
117 100
82 54.6 45.0 67.4
119 32.2 25.8 38.6



#67
Ethyl Benzene
Concen: 0.21 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002363.D
Acq: 06 Jun 2018 19:56

Tgt Ion: 91 Resp: 2605
Ion Ratio Lower Upper
91 100
106 36.3 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002363.D

Acq: 06 Jun 2018 19:56

Instrument :

MSVOA_X

ClientSampled :

W-13

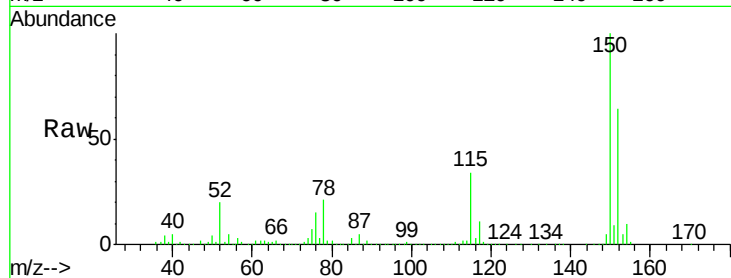
Tot Ion:152 Resp: 172355

Ion Ratio Lower Upper

152 100

115 54.9 40.1 120.2

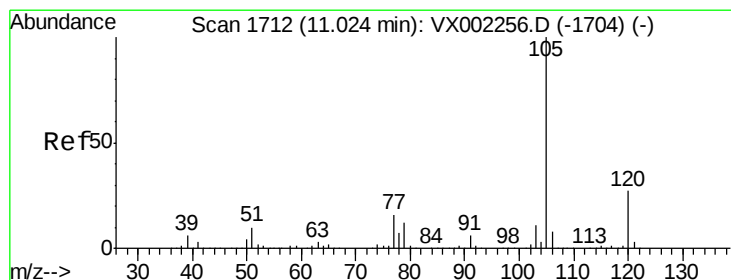
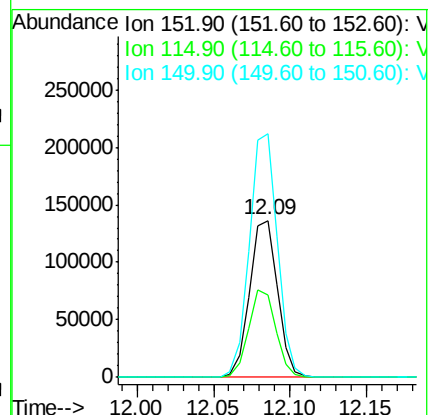
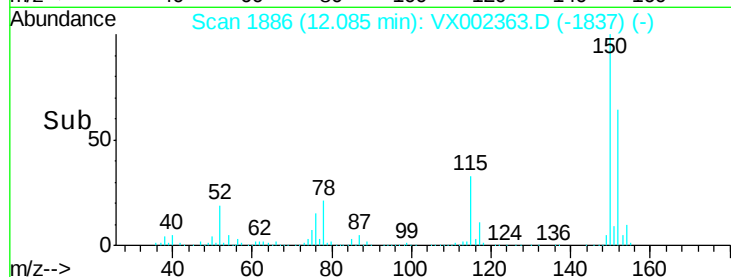
150 156.1 0.0 347.2



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: 39.70 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002363.D

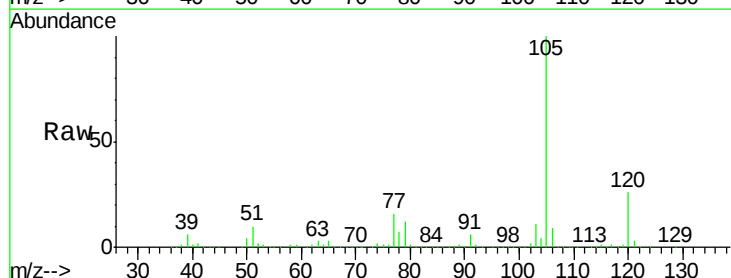
Acq: 06 Jun 2018 19:56

Tgt Ion:105 Resp: 475937

Ion Ratio Lower Upper

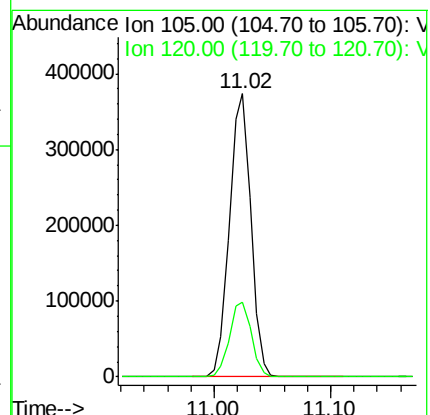
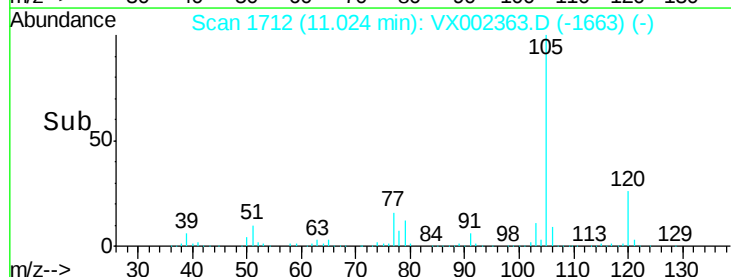
105 100

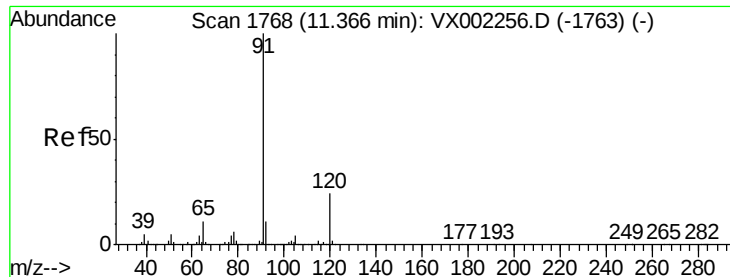
120 26.8 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 41.66 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002363.D

Acq: 06 Jun 2018 19:56

Instrument :

MSVOA_X

ClientSampled :

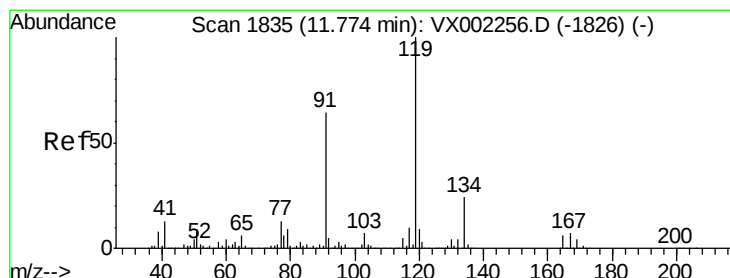
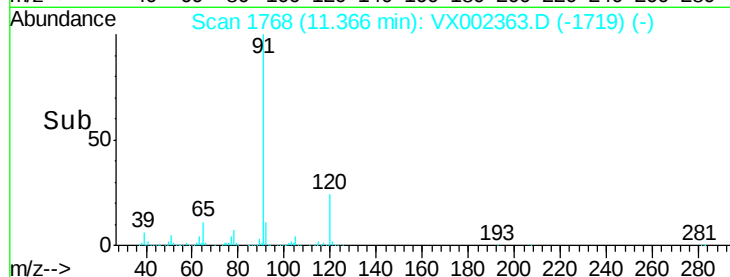
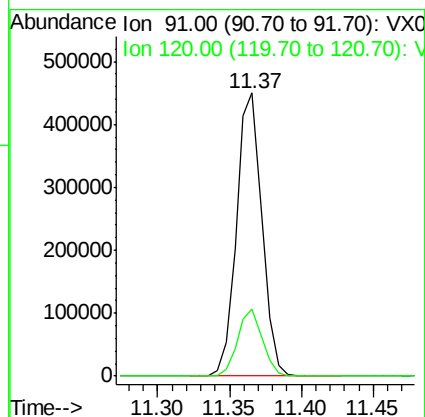
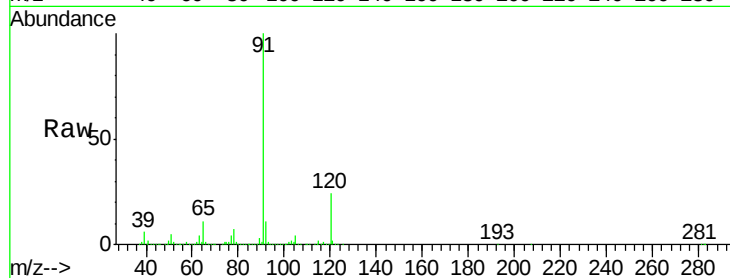
W-13

Tot Ion: 91 Resp: 555203

Ion Ratio Lower Upper

91 100

120 23.0 11.8 35.4



#83

tert-Butylbenzene

Concen: 2.84 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX002363.D

Acq: 06 Jun 2018 19:56

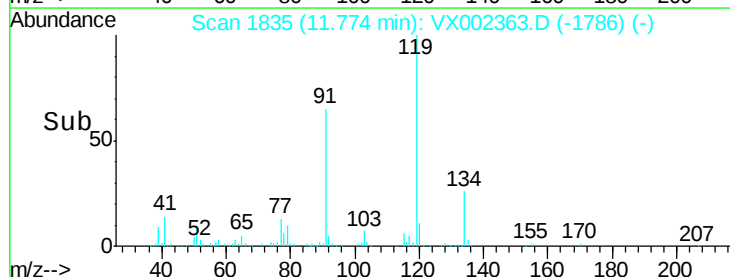
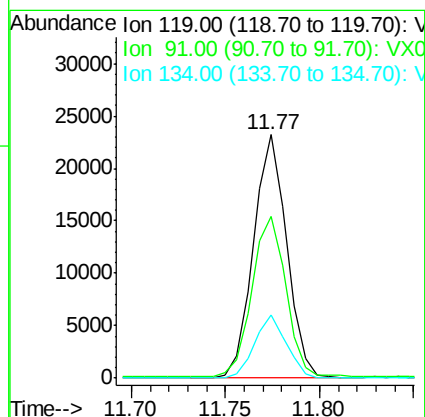
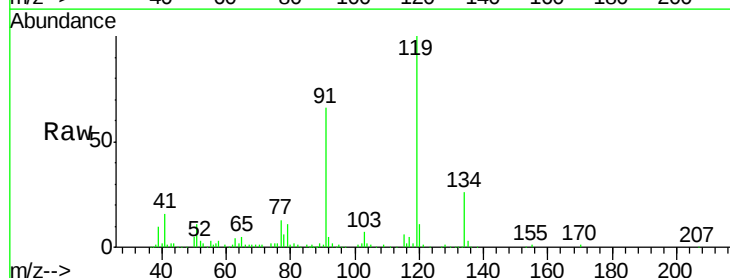
Tgt Ion: 119 Resp: 28425

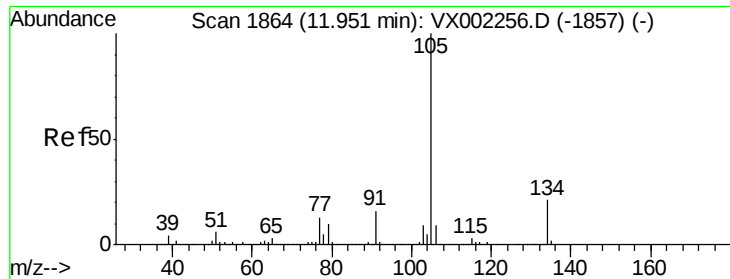
Ion Ratio Lower Upper

119 100

91 67.8 30.3 90.9

134 24.9 11.7 35.1





#85

sec-Butylbenzene

Concen: 15.23 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002363.D

Acq: 06 Jun 2018 19:56

Instrument :

MSVOA_X

ClientSampleId :

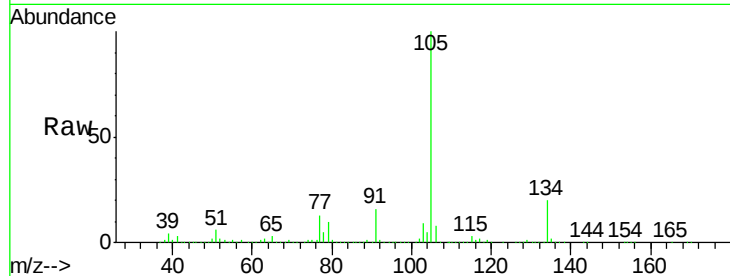
W-13

Tot Ion:105 Resp: 178773

Ion Ratio Lower Upper

105 100

134 27.5 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

150000

100000

50000

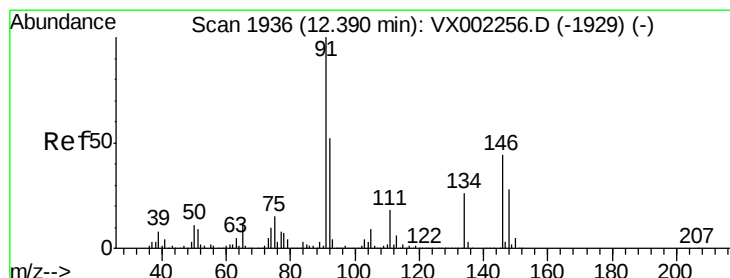
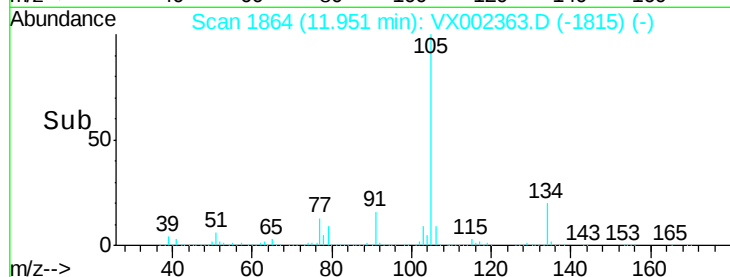
0

11.95

11.90

12.00

Time-->



#89

n-Butylbenzene

Concen: 9.19 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002363.D

Acq: 06 Jun 2018 19:56

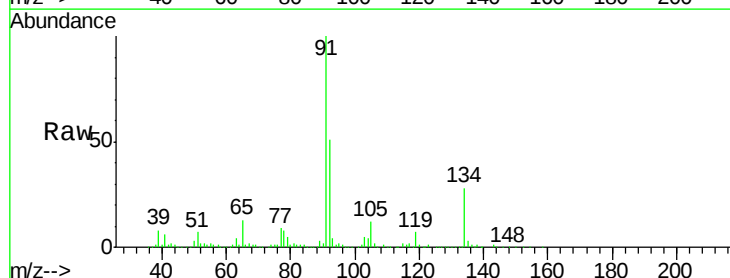
Tgt Ion: 91 Resp: 82391

Ion Ratio Lower Upper

91 100

92 42.9 26.0 78.0

134 51.5 13.5 40.5#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

120000

100000

80000

60000

40000

20000

0

12.39

12.35

12.40

12.45

Time-->

