

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101818\
 Data File : VX005422.D
 Acq On : 18 Oct 2018 11:43
 Operator : JC/MD
 Sample : J5539-05
 Misc : 11.46g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-1-6-8FTME

Quant Time: Oct 19 04:11:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

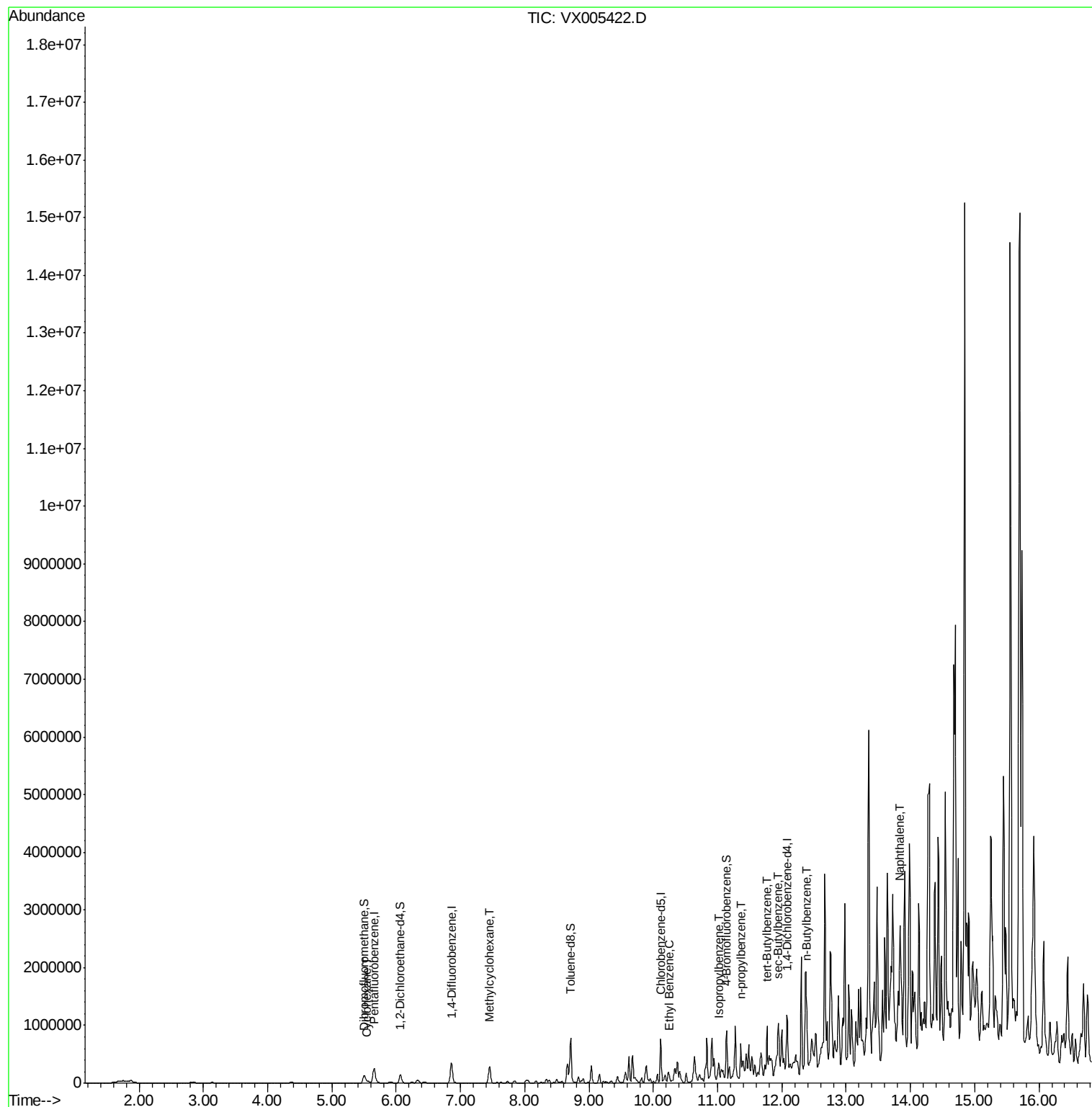
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	269519	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	385268	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	364891	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	195595	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	147832	49.42	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	98.84%	
35) Dibromofluoromethane	5.51	113	116814	45.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.56%	
50) Toluene-d8	8.71	98	477691	54.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.06%	
62) 4-Bromofluorobenzene	11.14	95	181932	55.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.56%	
Target Compounds						
					Qvalue	
31) Cyclohexane	5.55	56	16895	4.109	ug/l #	83
39) Methylcyclohexane	7.45	83	119533	29.600	ug/l	92
67) Ethyl Benzene	10.26	91	19041	1.509	ug/l	96
73) Isopropylbenzene	11.02	105	144021	12.386	ug/l	100
78) n-propylbenzene	11.36	91	371306	27.750	ug/l	98
83) tert-Butylbenzene	11.77	119	13047	1.294	ug/l	73
85) sec-Butylbenzene	11.95	105	254767	21.350	ug/l	83
89) n-Butylbenzene	12.39	91	273990	27.979	ug/l #	81
95) Naphthalene	13.83	128	1416192	104.988	ug/l #	93

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

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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: VX005422.D

Acq: 18 Oct 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

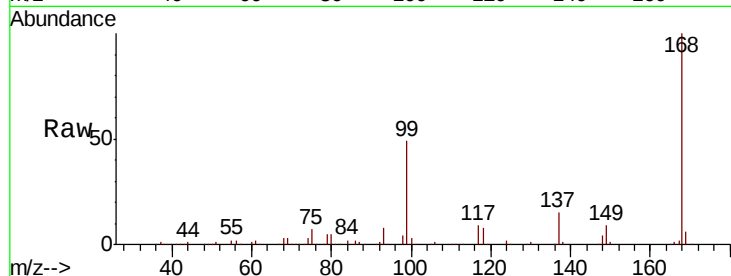
SB-1-6-8FTME

Tot Ion:168 Resp: 269519

Ion Ratio Lower Upper

168 100

99 49.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

60000

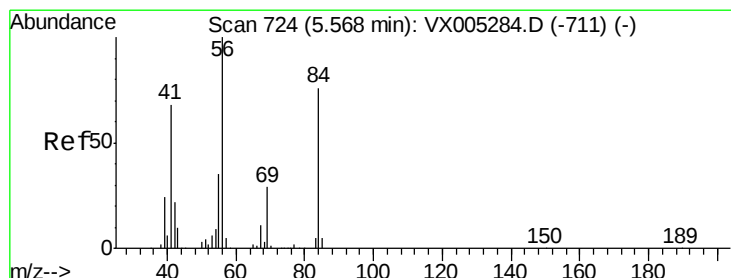
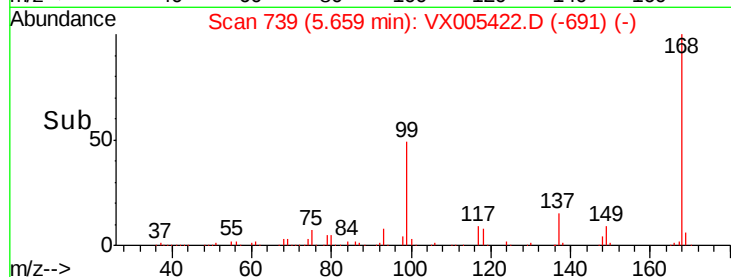
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#31

Cyclohexane

Concen: 4.109 ug/l

RT: 5.55 min Scan# 721

Delta R.T. -0.02 min

Lab File: VX005422.D

Acq: 18 Oct 2018 11:43

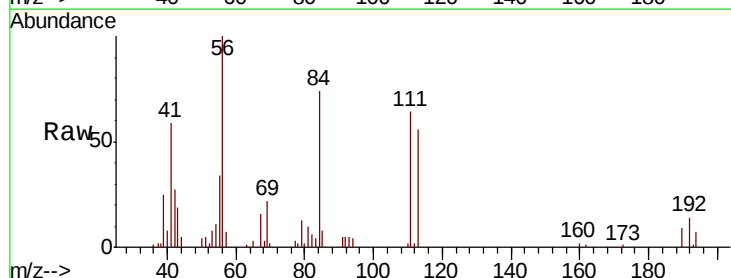
Tgt Ion: 56 Resp: 16895

Ion Ratio Lower Upper

56 100

69 22.1 25.4 38.2#

84 73.8 71.4 107.2



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

5.55

6000

5000

4000

3000

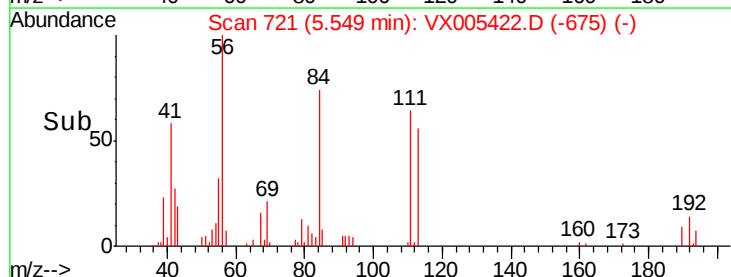
2000

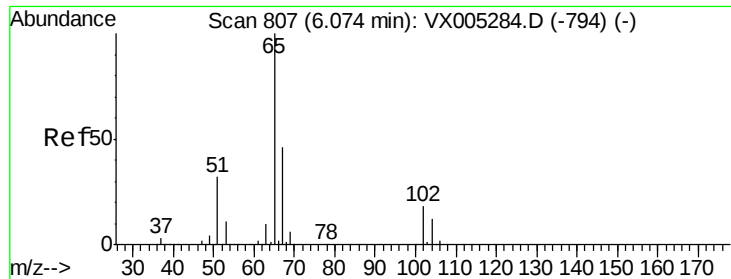
1000

0

Time-->

5.40 5.50 5.60





#33

1,2-Dichloroethane-d4

Concen: 49.421 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX005422.D

Acq: 18 Oct 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

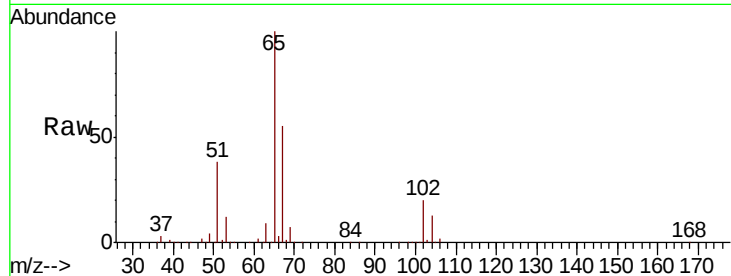
SB-1-6-8FTME

Tot Ion: 65 Resp: 147832

Ion Ratio Lower Upper

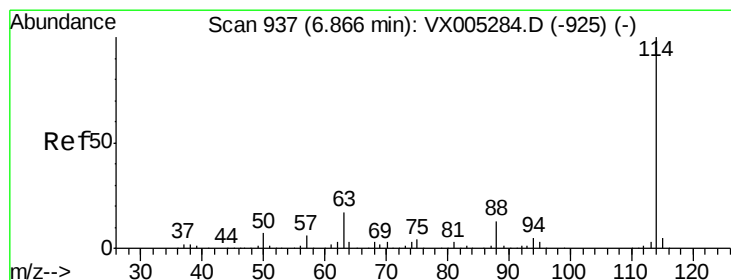
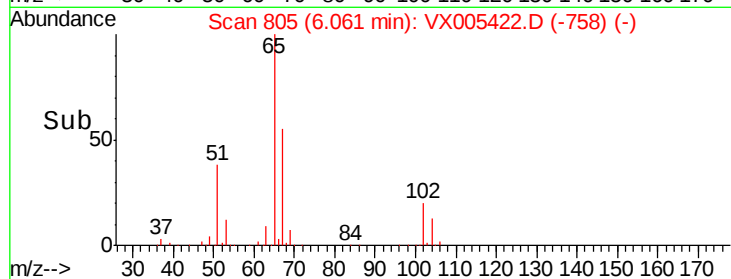
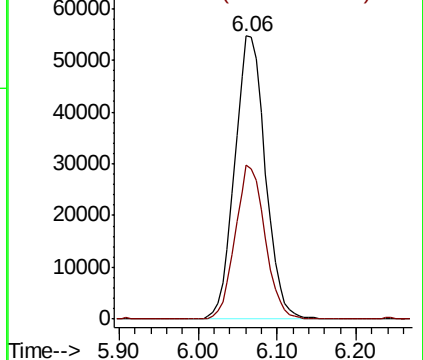
65 100

67 53.0 0.0 106.8



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: 6.86 min Scan# 936

Delta R.T. -0.01 min

Lab File: VX005422.D

Acq: 18 Oct 2018 11:43

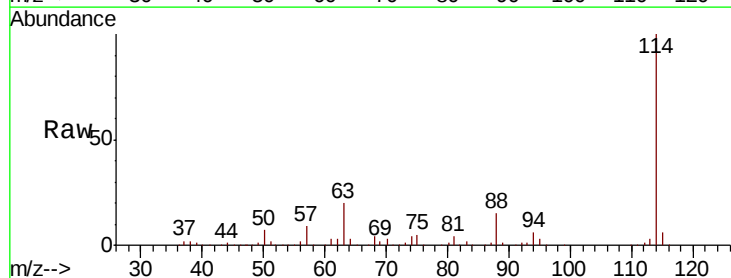
Tgt Ion: 114 Resp: 385268

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.0

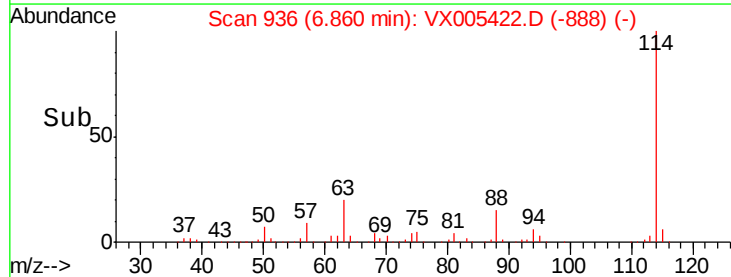
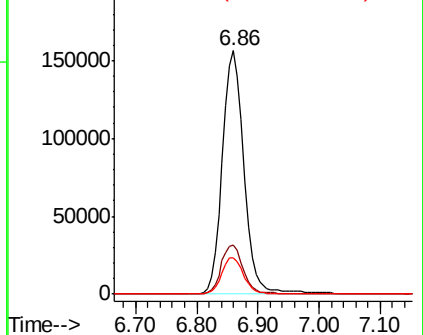
88 14.8 0.0 30.4

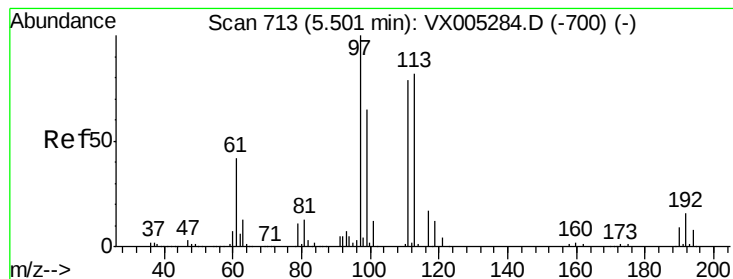


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 45.778 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005422.D

Acq: 18 Oct 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

SB-1-6-8FTME

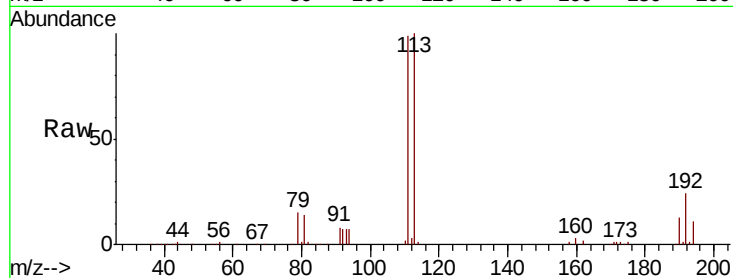
Tot Ion:113 Resp: 116814

Ion Ratio Lower Upper

113 100

111 103.4 82.4 123.6

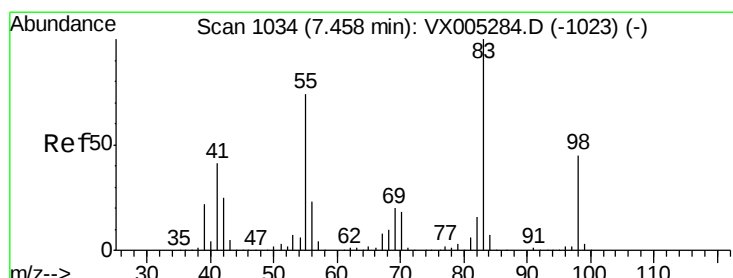
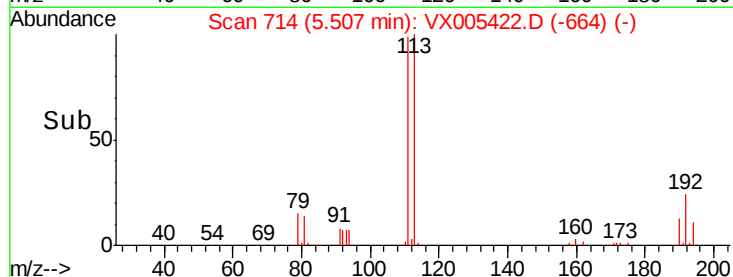
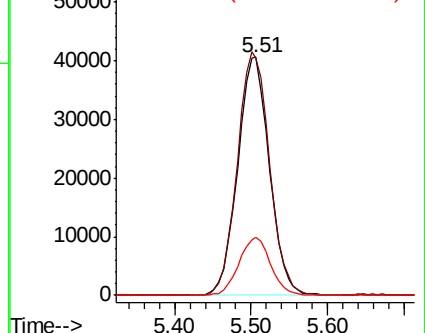
192 24.2 19.4 29.2



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: 29.600 ug/l

RT: 7.45 min Scan# 1033

Delta R.T. -0.01 min

Lab File: VX005422.D

Acq: 18 Oct 2018 11:43

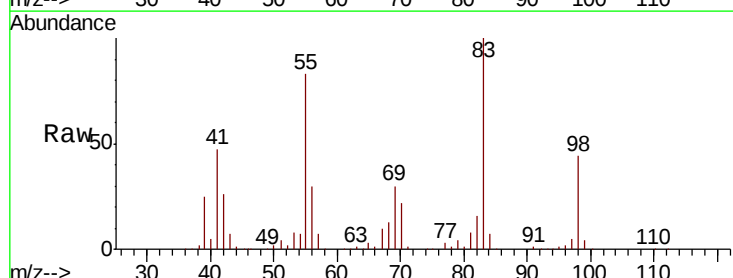
Tgt Ion: 83 Resp: 119533

Ion Ratio Lower Upper

83 100

55 83.2 61.0 91.4

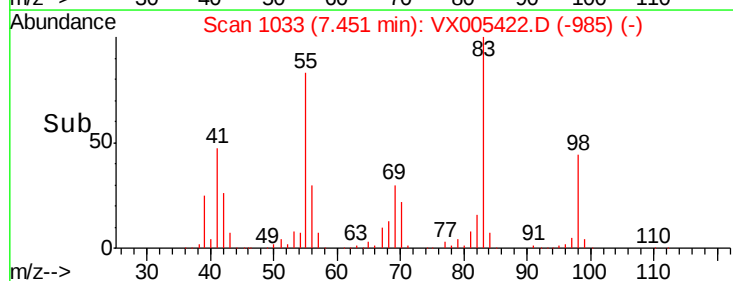
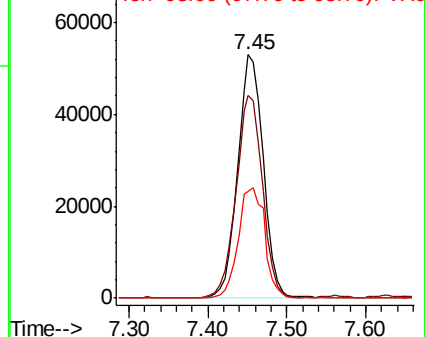
98 44.0 39.6 59.4

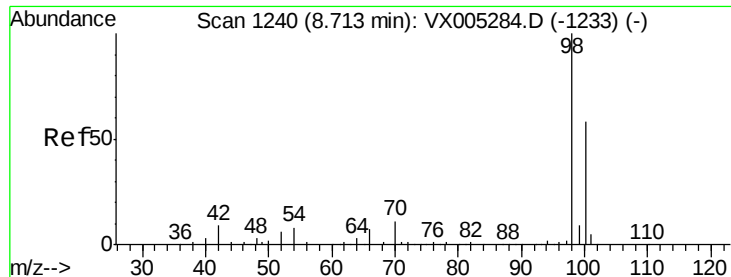


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#50

Toluene-d8

Concen: 54.529 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005422.D

Acq: 18 Oct 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

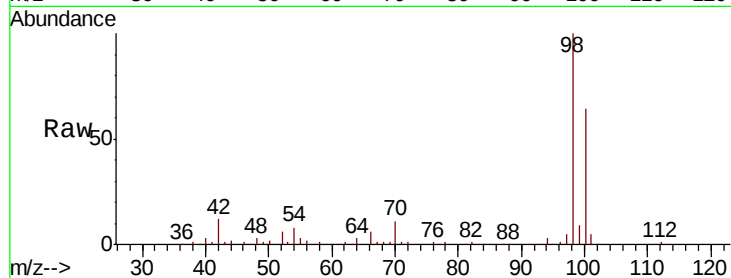
SB-1-6-8FTME

Tot Ion: 98 Resp: 477691

Ion Ratio Lower Upper

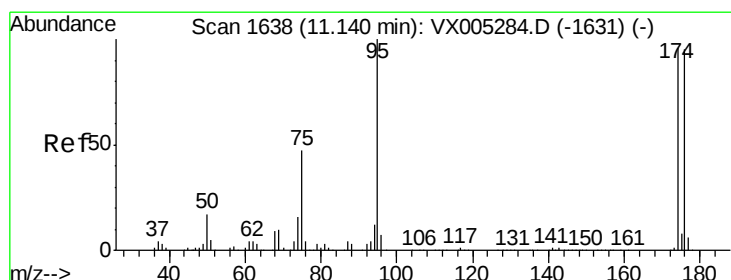
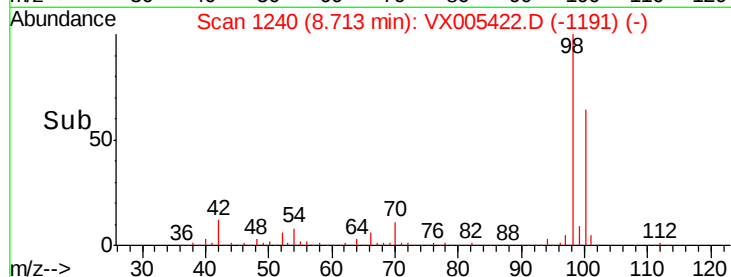
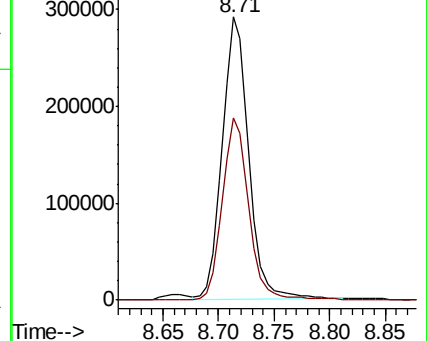
98 100

100 65.2 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 55.283 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005422.D

Acq: 18 Oct 2018 11:43

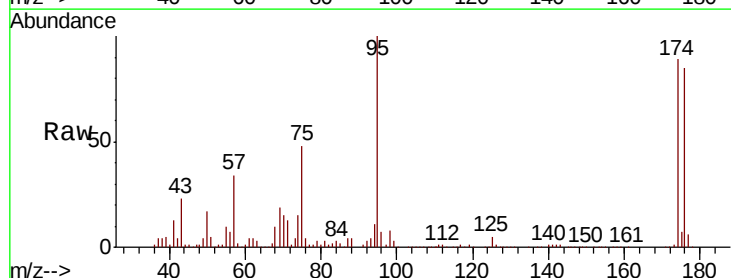
Tgt Ion: 95 Resp: 181932

Ion Ratio Lower Upper

95 100

174 90.0 0.0 185.2

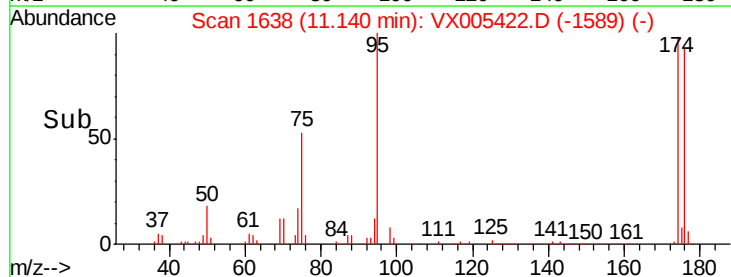
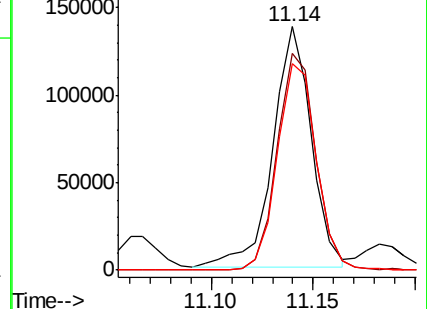
176 87.2 0.0 178.6

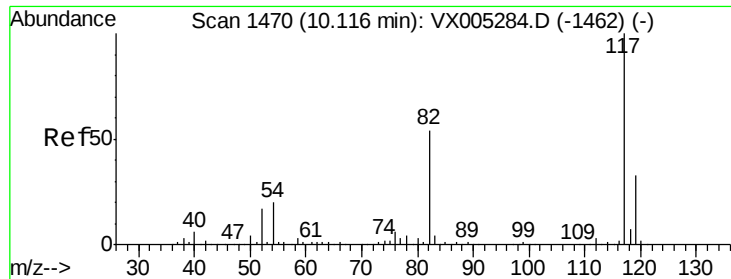


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

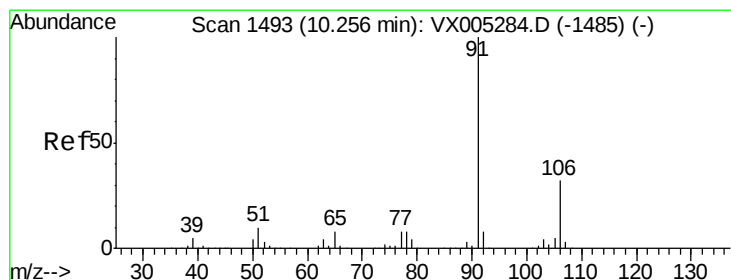
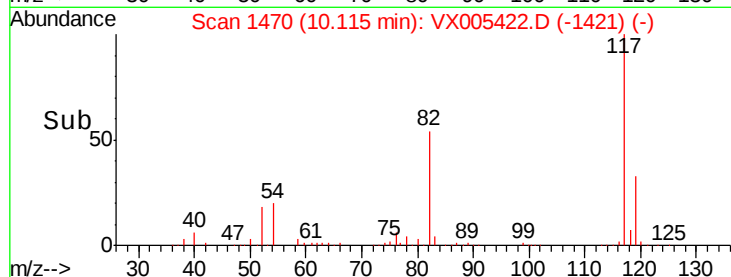
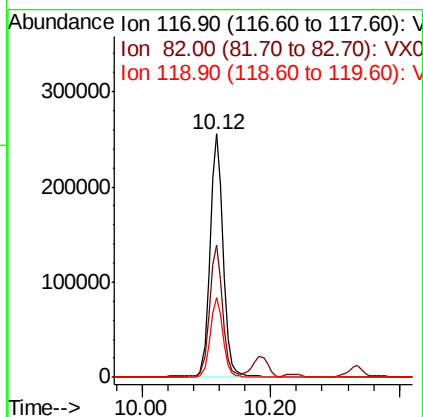
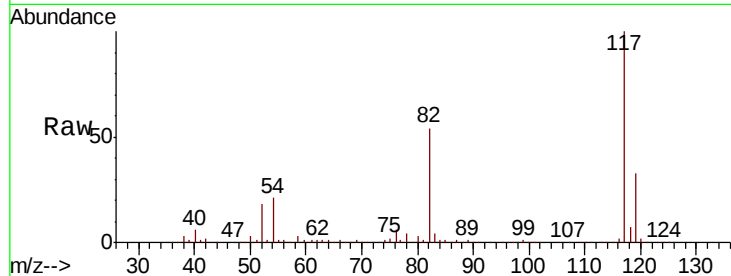




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005422.D
Acq: 18 Oct 2018 11:43

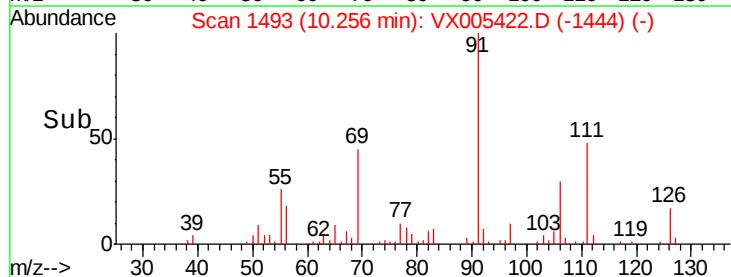
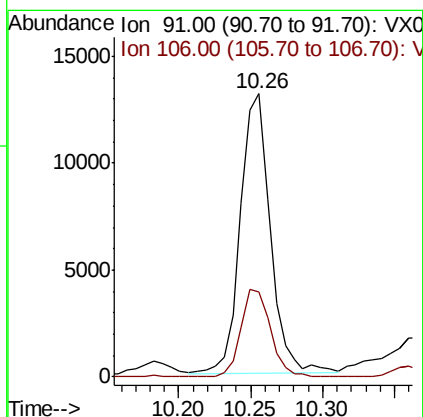
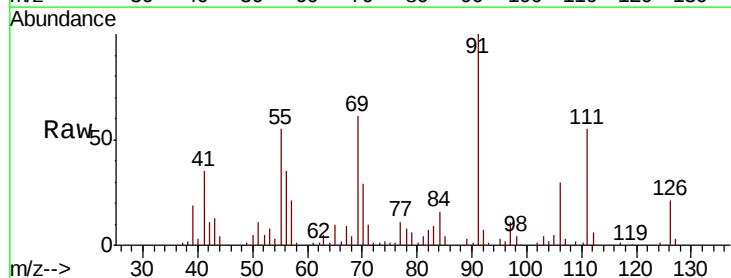
Instrument :
MSVOA_X
ClientSampleId :
SB-1-6-8FTME

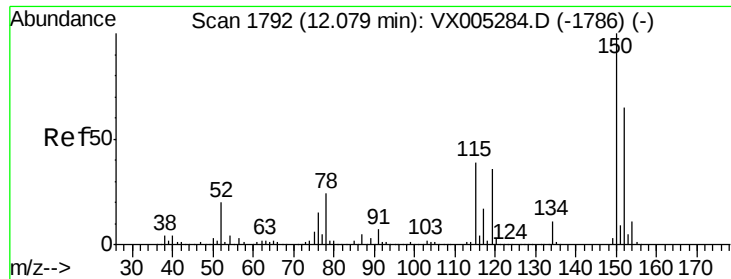
Tot Ion:117 Resp: 364891
Ion Ratio Lower Upper
117 100
82 53.8 47.8 71.6
119 32.8 29.3 43.9



#67
Ethyl Benzene
Concen: 1.509 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX005422.D
Acq: 18 Oct 2018 11:43

Tgt Ion: 91 Resp: 19041
Ion Ratio Lower Upper
91 100
106 30.3 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005422.D

Acq: 18 Oct 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

SB-1-6-8FTME

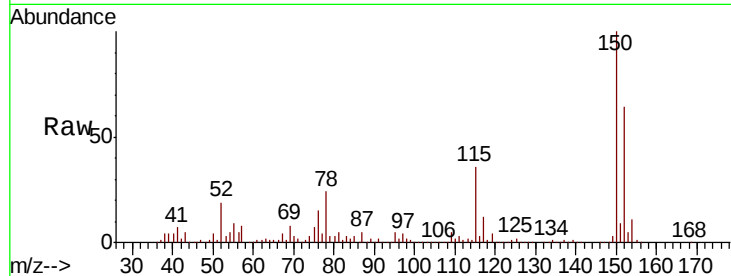
Tot Ion:152 Resp: 195595

Ion Ratio Lower Upper

152 100

115 55.9 39.0 117.0

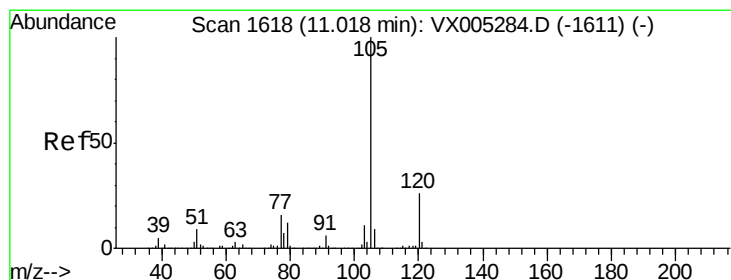
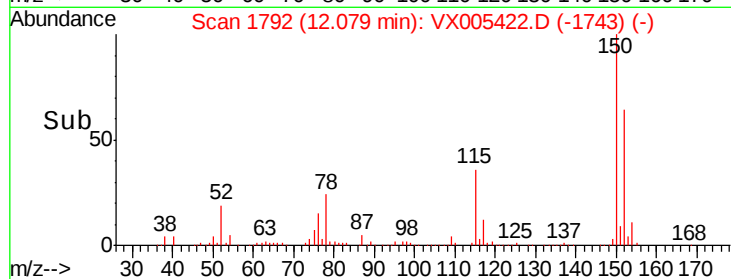
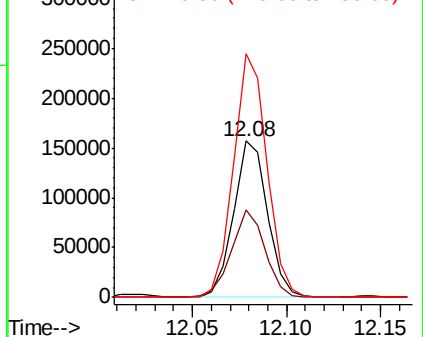
150 153.7 0.0 351.0



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: 12.386 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005422.D

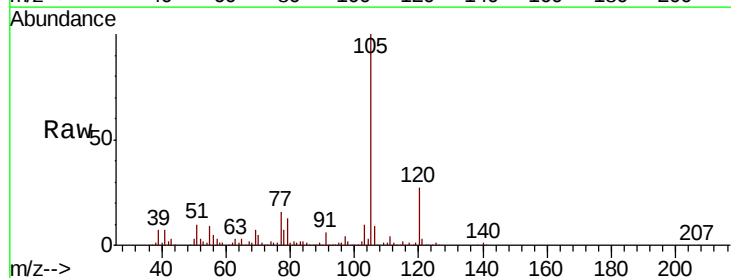
Acq: 18 Oct 2018 11:43

Tgt Ion:105 Resp: 144021

Ion Ratio Lower Upper

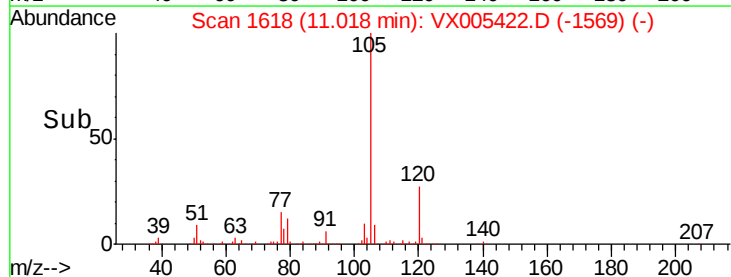
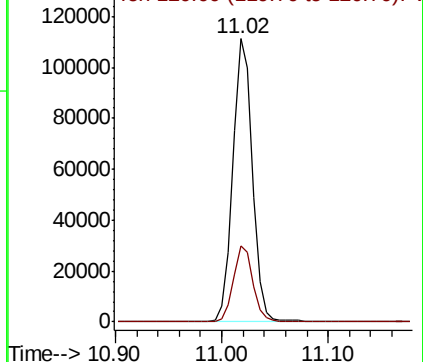
105 100

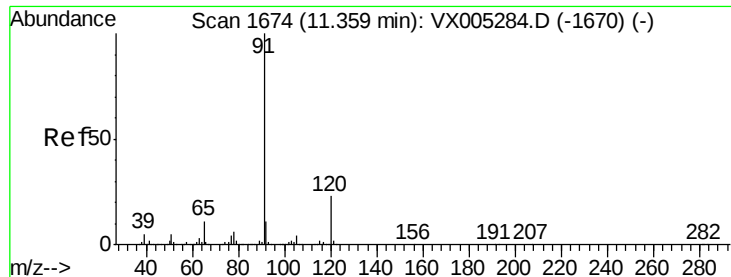
120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

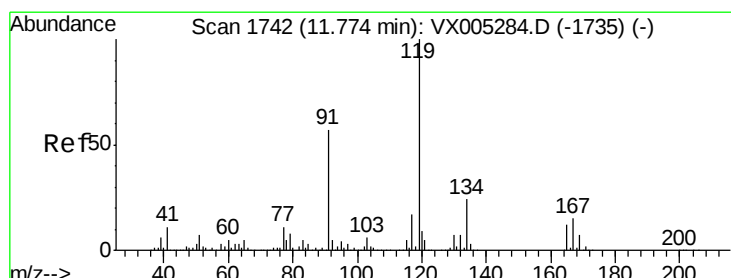
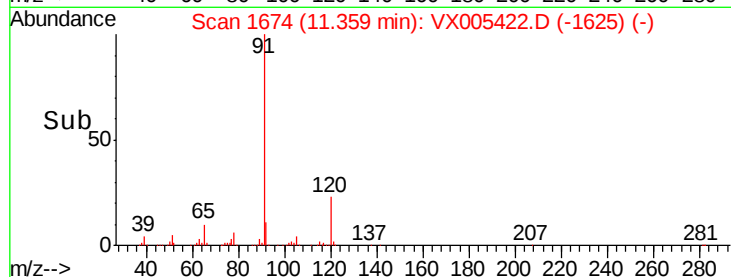
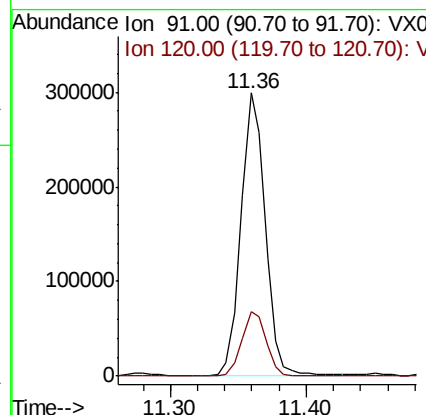
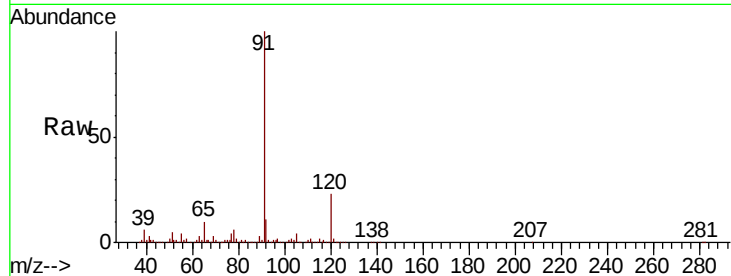




#78
n-propylbenzene
Concen: 27.750 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX005422.D
Acq: 18 Oct 2018 11:43

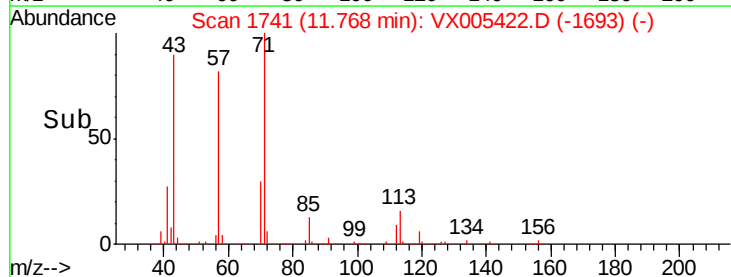
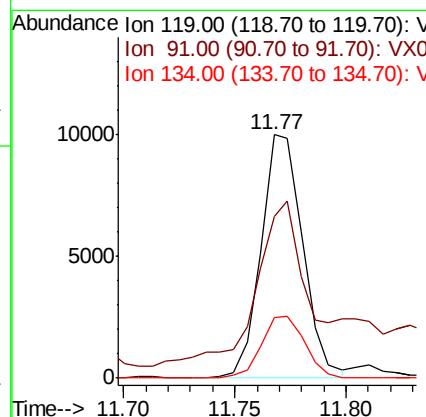
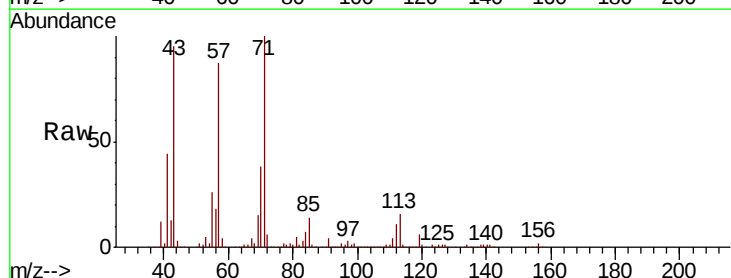
Instrument :
MSVOA_X
ClientSampleId :
SB-1-6-8FTME

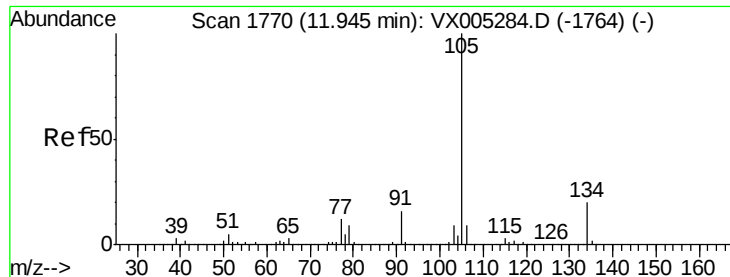
Tot Ion: 91 Resp: 371306
Ion Ratio Lower Upper
91 100
120 23.1 11.9 35.9



#83
tert-Butylbenzene
Concen: 1.294 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VX005422.D
Acq: 18 Oct 2018 11:43

Tgt Ion: 119 Resp: 13047
Ion Ratio Lower Upper
119 100
91 79.9 27.0 81.0
134 26.0 11.7 35.1





#85

sec-Butylbenzene

Concen: 21.350 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. 0.01 min

Lab File: VX005422.D

Acq: 18 Oct 2018 11:43

Instrument :

MSVOA_X

ClientSampleId :

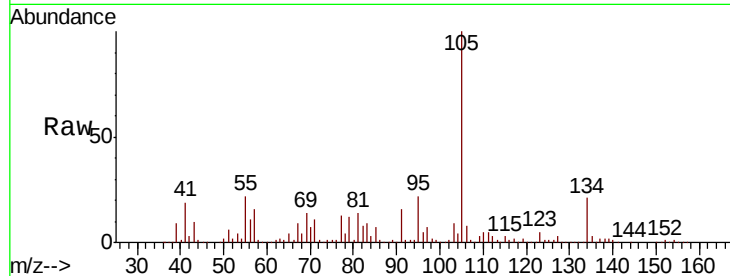
SB-1-6-8FTME

Tot Ion:105 Resp: 254767

Ion Ratio Lower Upper

105 100

134 29.1 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

100000

50000

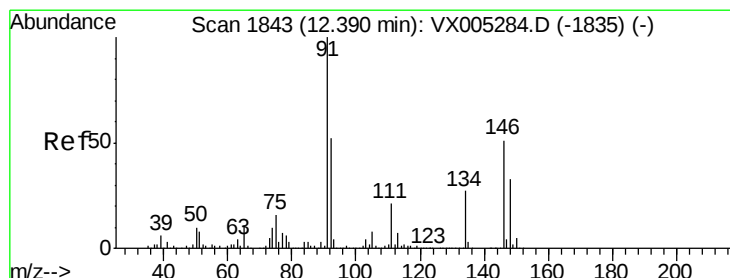
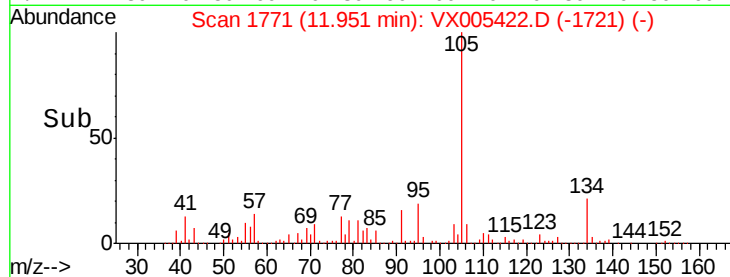
0

11.95

11.90

12.00

Time-->



#89

n-Butylbenzene

Concen: 27.979 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005422.D

Acq: 18 Oct 2018 11:43

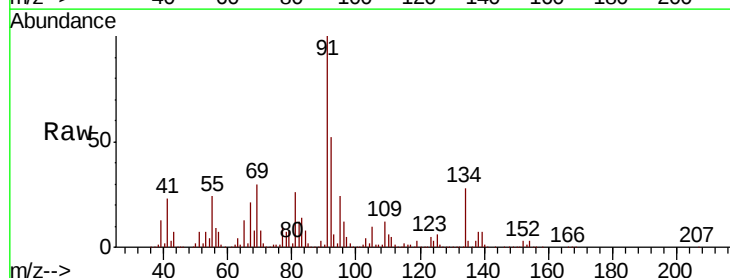
Tgt Ion: 91 Resp: 273990

Ion Ratio Lower Upper

91 100

92 45.5 27.3 81.9

134 43.5 13.6 40.7#



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

250000

200000

150000

100000

50000

0

12.39

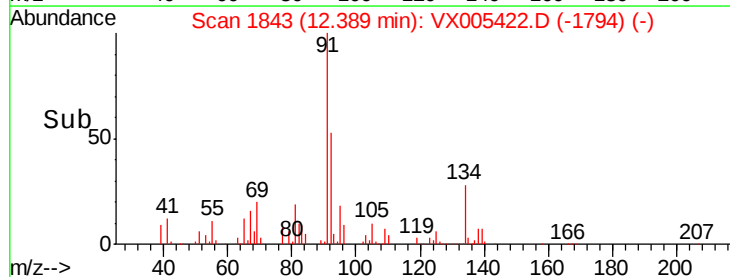
12.30

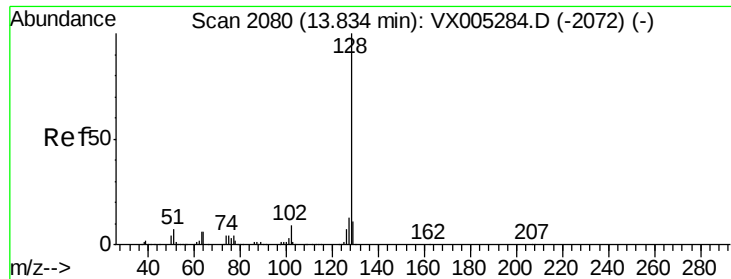
12.35

12.40

12.45

Time-->





#95
Naphthalene
Concen: 104.988 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005422.D
Acq: 18 Oct 2018 11:43

Instrument :
MSVOA_X
ClientSampleId :
SB-1-6-8FTME

Tot Ion:128 Resp: 1416192
Ion Ratio Lower Upper
128 100
127 13.9 10.2 15.2
129 15.1 8.6 12.8#

