

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX103118\
 Data File : VX005714.D
 Acq On : 31 Oct 2018 19:02
 Operator : JC/MD
 Sample : J5711-04ME
 Misc : 5.89g/5ml/100ul/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-4ME

Quant Time: Oct 31 19:26:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

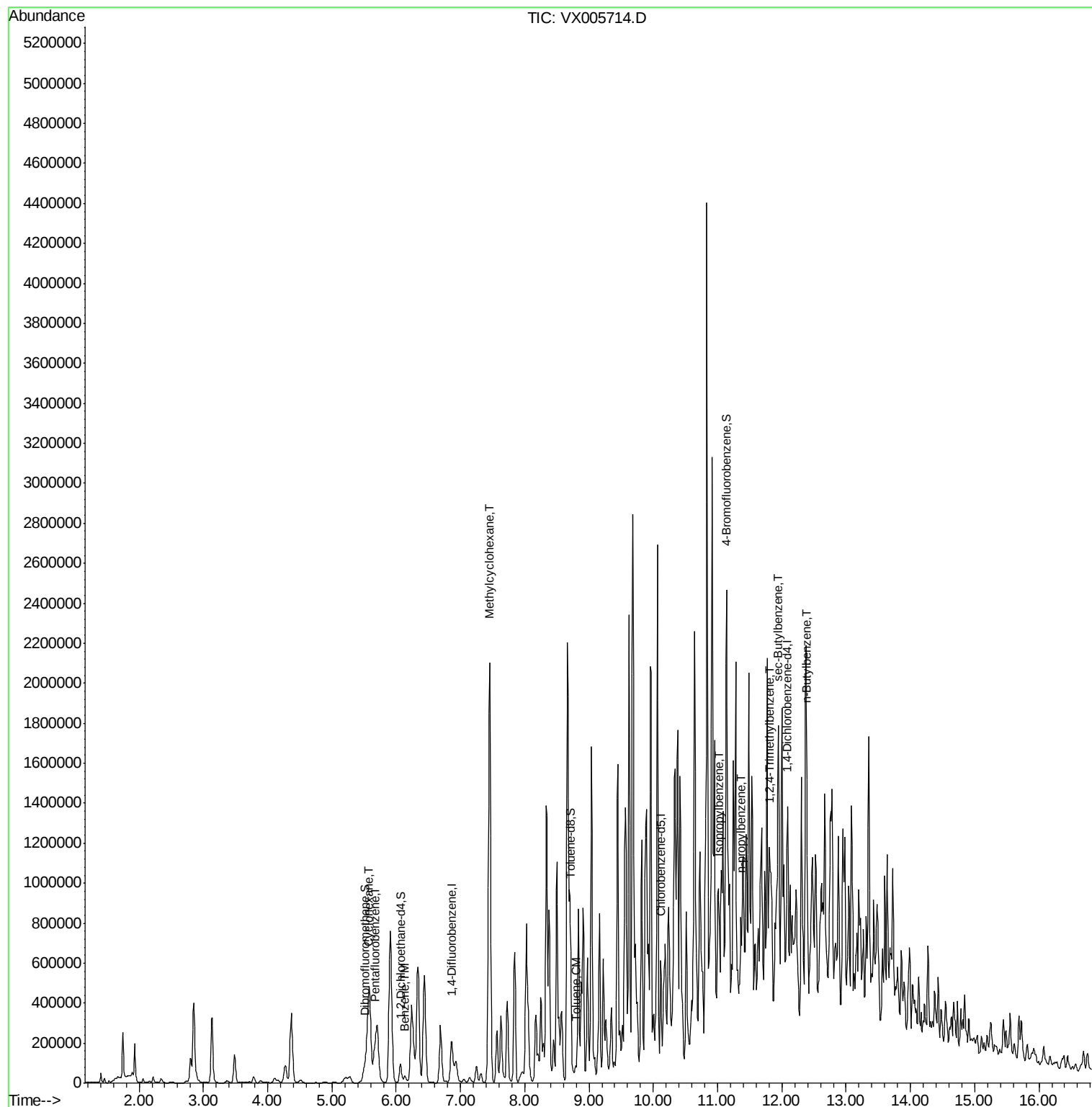
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	124482	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	201207	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	190645	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	95334	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	90820	49.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.80%	
35) Dibromofluoromethane	5.51	113	64413	46.23	ug/l	0.01
Spiked Amount 50.000			Recovery	=	92.46%	
50) Toluene-d8	8.71	98	280000	57.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.60%	
62) 4-Bromofluorobenzene	11.14	95	119407	66.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	132.42%	
Target Compounds						
					Qvalue	
31) Cyclohexane	5.57	56	268917	110.586	ug/l #	80
39) Methylcyclohexane	7.46	83	886885	396.692	ug/l	93
40) Benzene	6.13	78	39896	6.256	ug/l	98
52) Toluene	8.79	92	17604	5.103	ug/l	99
73) Isopropylbenzene	11.02	105	139184	22.130	ug/l	99
78) n-propylbenzene	11.37	91	265013	34.636	ug/l	94
84) 1,2,4-Trimethylbenzene	11.81	105	95580	17.724	ug/l	99
85) sec-Butylbenzene	11.95	105	213069	32.598	ug/l	97
89) n-Butylbenzene	12.39	91	313628	55.918	ug/l #	75

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 31 18:23:06 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX005714.D

Acq: 31 Oct 2018 19:02

Instrument :

MSVOA_X

ClientSampleId :

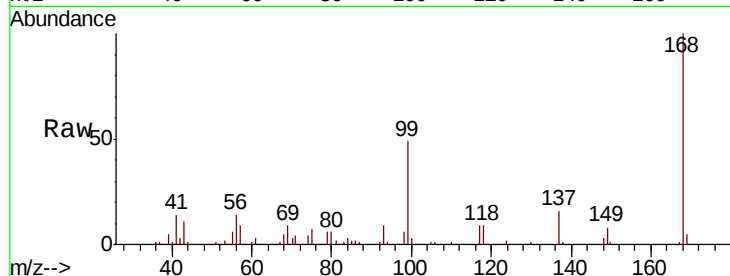
SB-4ME

Tot Ion:168 Resp: 124482

Ion Ratio Lower Upper

168 100

99 48.3 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

50000

40000

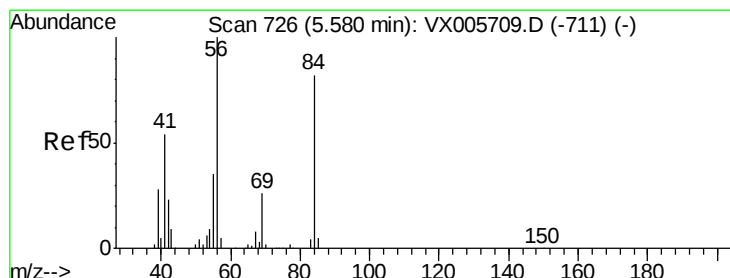
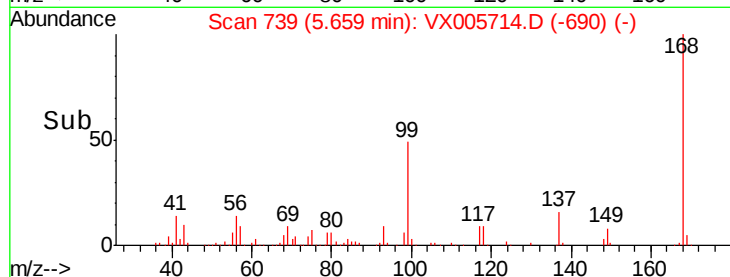
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#31

Cyclohexane

Concen: 110.586 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX005714.D

Acq: 31 Oct 2018 19:02

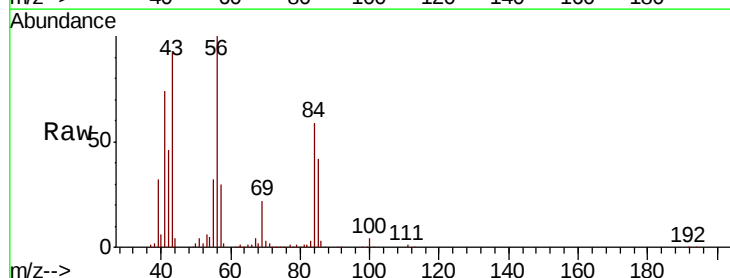
Tgt Ion: 56 Resp: 268917

Ion Ratio Lower Upper

56 100

69 20.1 22.6 34.0#

84 59.0 62.7 94.1#



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

5.57

80000

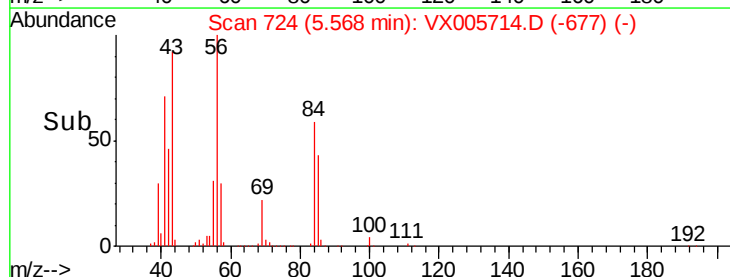
60000

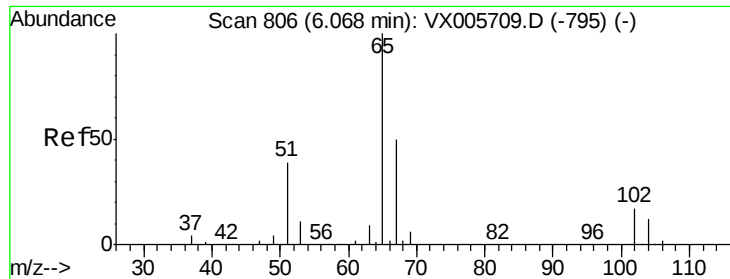
40000

20000

0

Time--> 5.40 5.50 5.60 5.70





#33

1,2-Dichloroethane-d4

Concen: 49.902 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX005714.D

Acq: 31 Oct 2018 19:02

Instrument :

MSVOA_X

ClientSampleId :

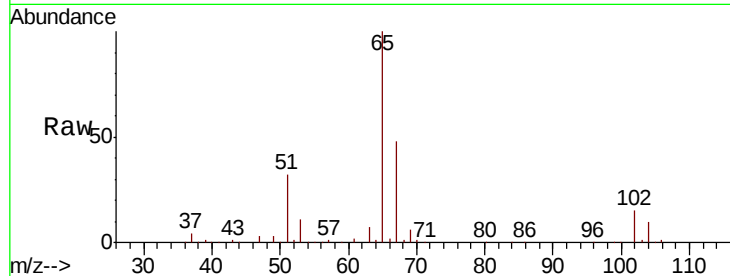
SB-4ME

Tot Ion: 65 Resp: 90820

Ion Ratio Lower Upper

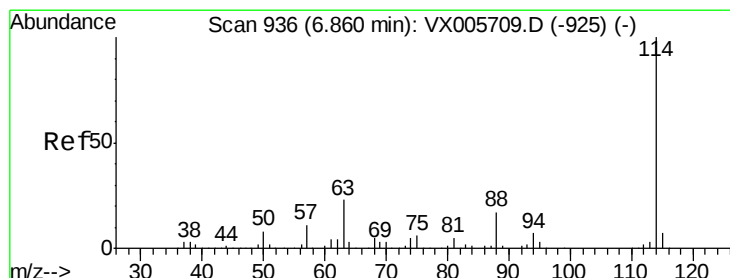
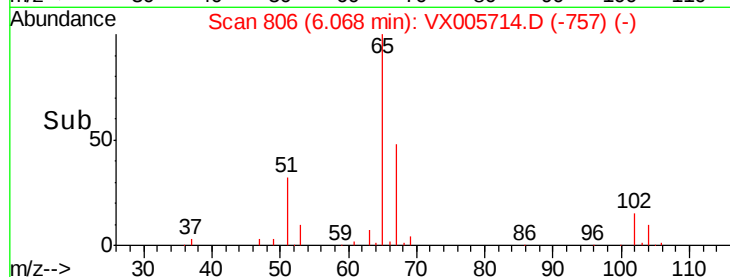
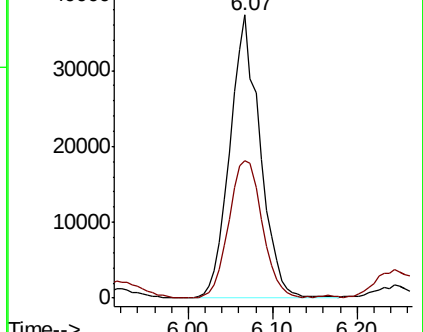
65 100

67 53.3 0.0 105.0



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: 6.87 min Scan# 937

Delta R.T. 0.01 min

Lab File: VX005714.D

Acq: 31 Oct 2018 19:02

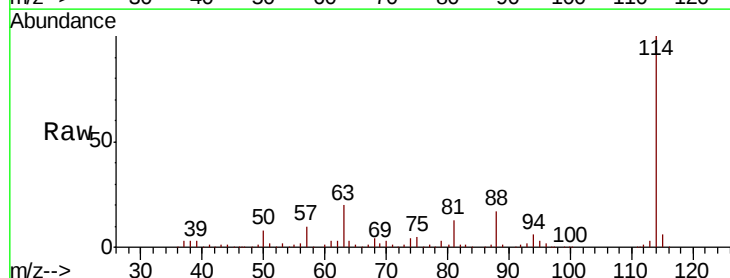
Tgt Ion: 114 Resp: 201207

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.8

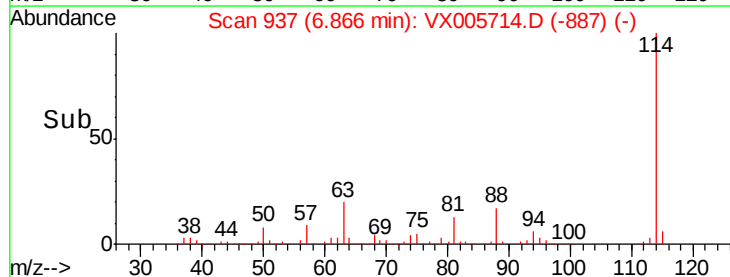
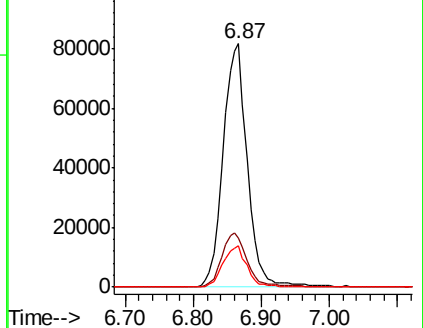
88 17.2 0.0 31.2

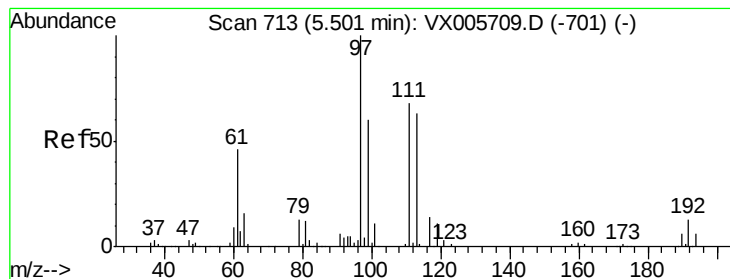


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.235 ug/l

RT: 5.51 min Scan# 715

Delta R.T. 0.01 min

Lab File: VX005714.D

Acq: 31 Oct 2018 19:02

Instrument :

MSVOA_X

ClientSampleId :

SB-4ME

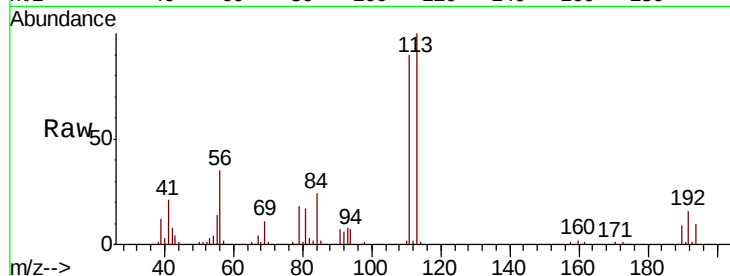
Tot Ion:113 Resp: 64413

Ion Ratio Lower Upper

113 100

111 102.5 82.3 123.5

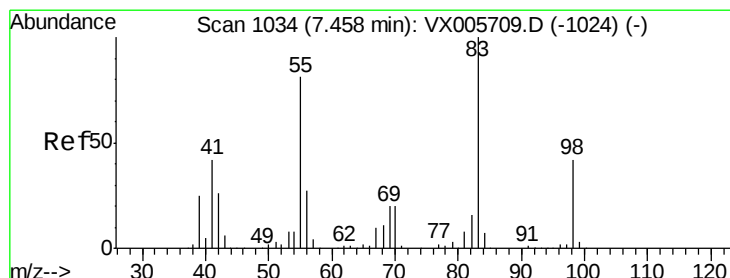
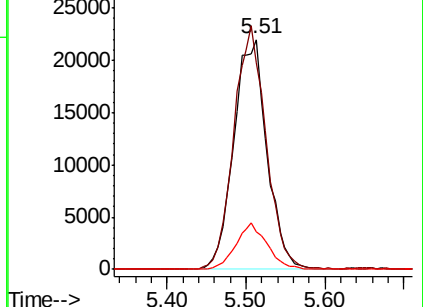
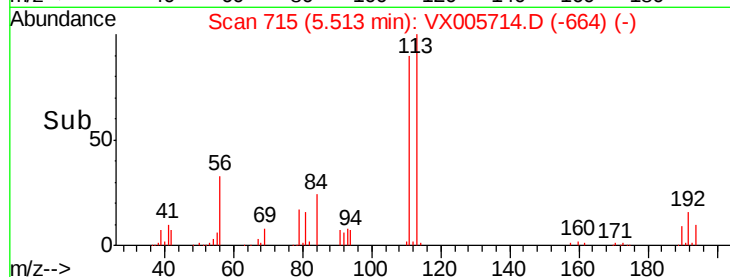
192 18.8 17.9 26.9



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: 396.692 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX005714.D

Acq: 31 Oct 2018 19:02

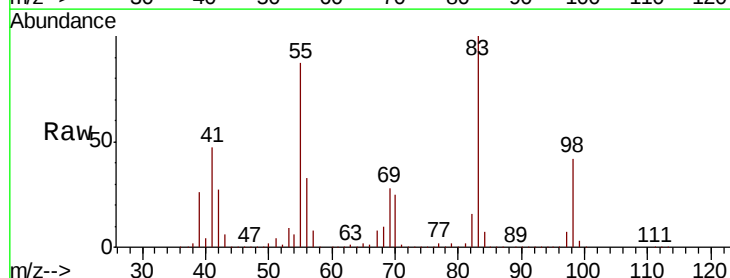
Tgt Ion: 83 Resp: 886885

Ion Ratio Lower Upper

83 100

55 86.6 63.7 95.5

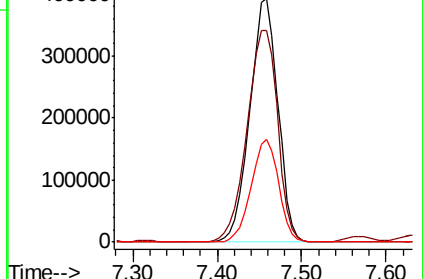
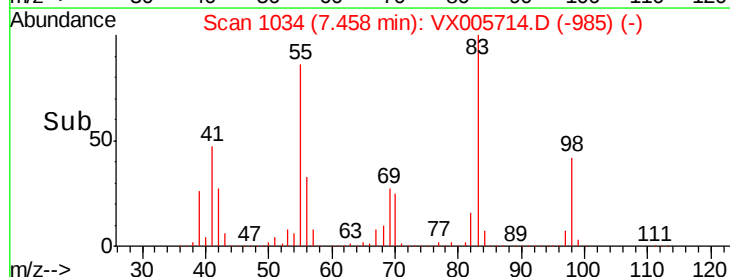
98 42.4 36.2 54.2

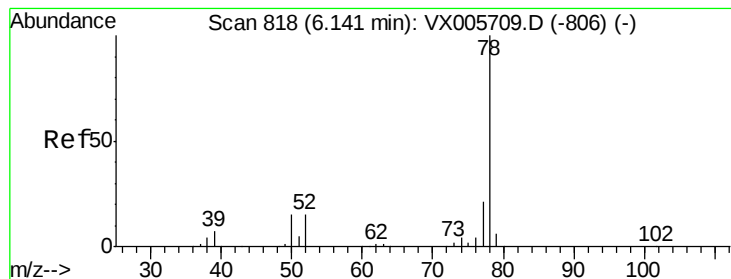


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 6.256 ug/l

RT: 6.13 min Scan# 817

Delta R.T. -0.01 min

Lab File: VX005714.D

Acq: 31 Oct 2018 19:02

Instrument :

MSVOA_X

ClientSampleId :

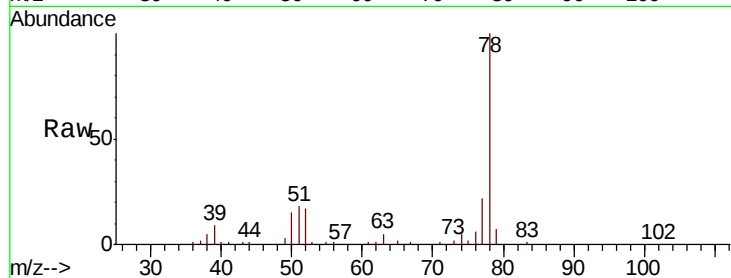
SB-4ME

Tot Ion: 78 Resp: 39896

Ion Ratio Lower Upper

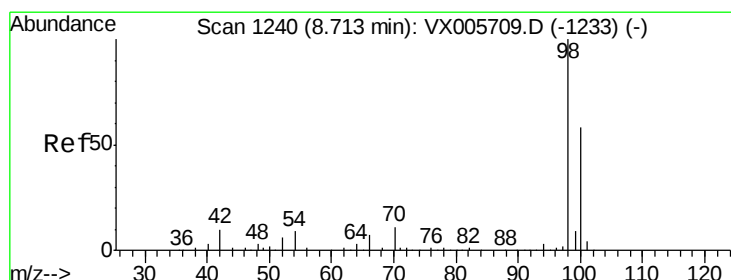
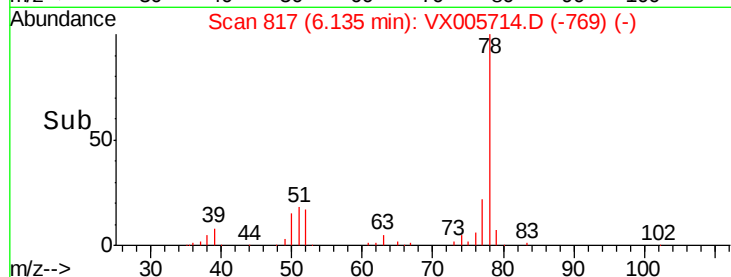
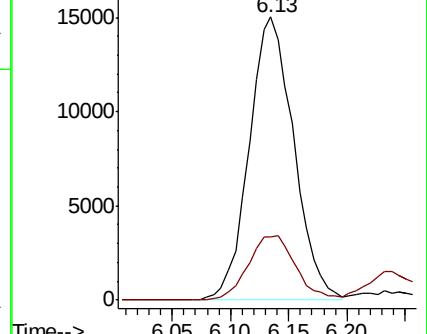
78 100

77 22.2 18.4 27.6



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 57.303 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX005714.D

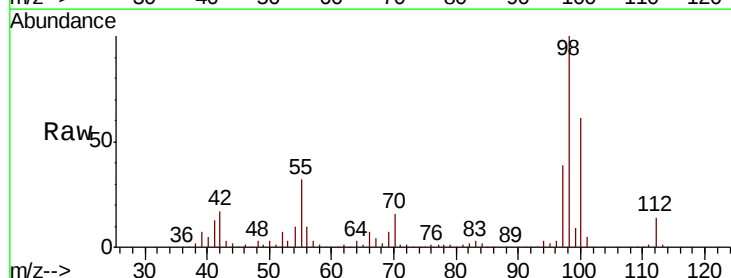
Acq: 31 Oct 2018 19:02

Tgt Ion: 98 Resp: 280000

Ion Ratio Lower Upper

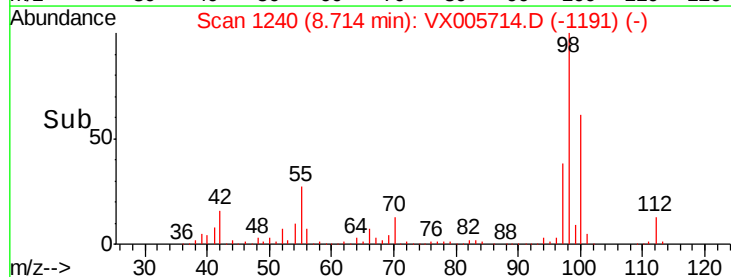
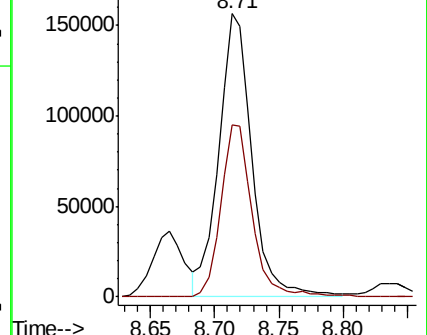
98 100

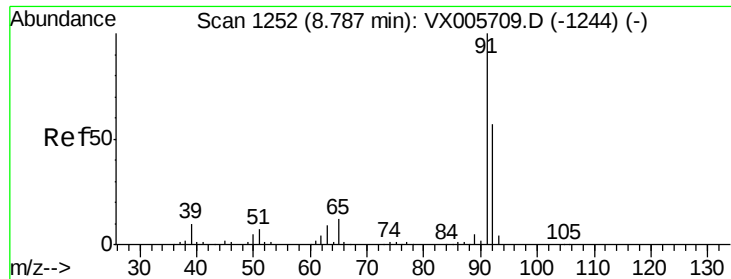
100 59.0 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 5.103 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX005714.D

Acq: 31 Oct 2018 19:02

Instrument :

MSVOA_X

ClientSampleId :

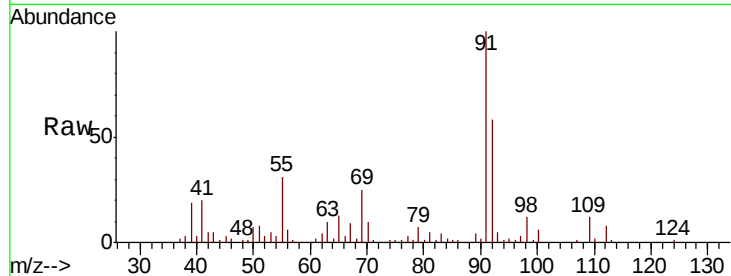
SB-4ME

Tot Ion: 92 Resp: 17604

Ion Ratio Lower Upper

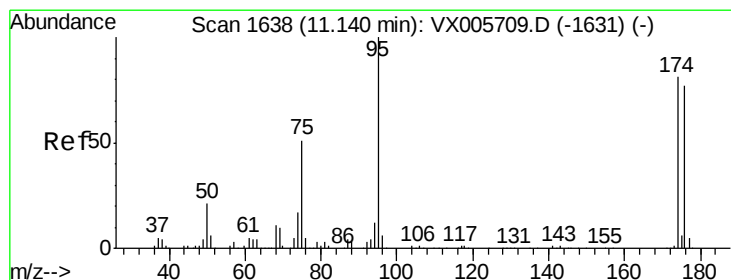
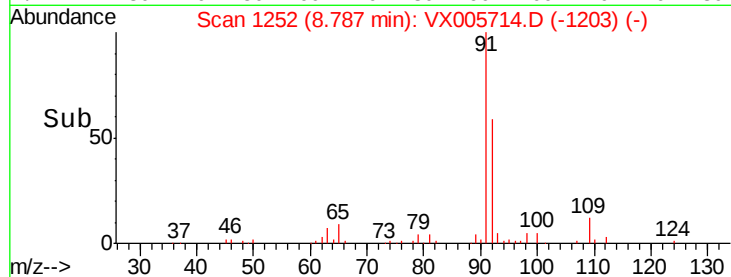
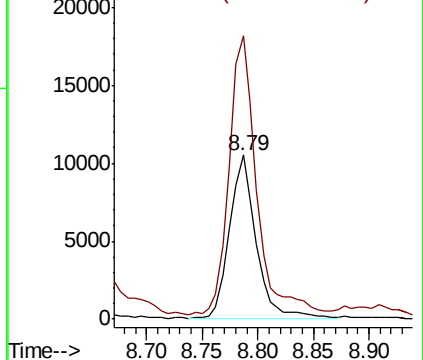
92 100

91 173.9 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 66.212 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005714.D

Acq: 31 Oct 2018 19:02

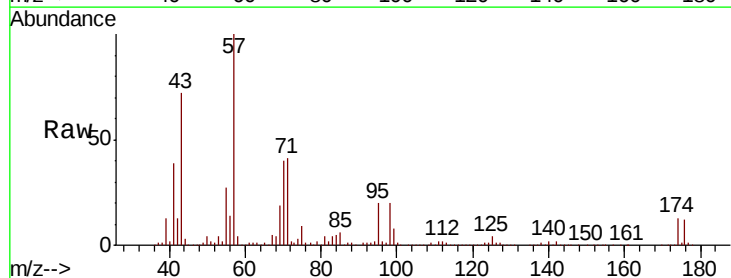
Tgt Ion: 95 Resp: 119407

Ion Ratio Lower Upper

95 100

174 63.2 0.0 184.4

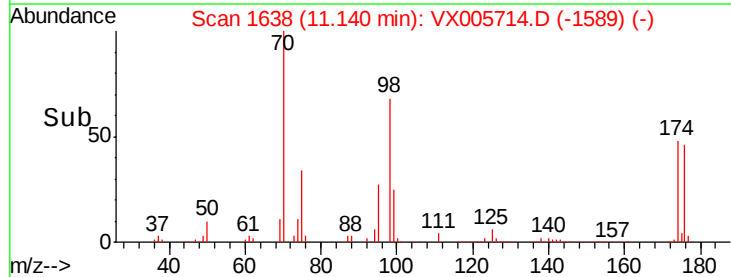
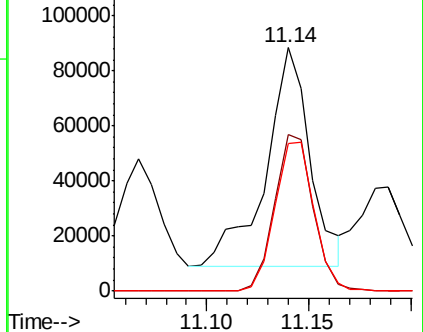
176 61.4 0.0 177.4

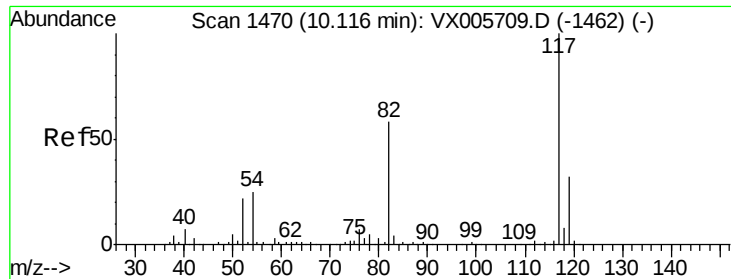


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

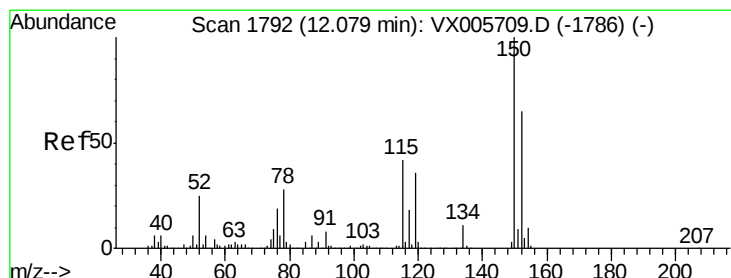
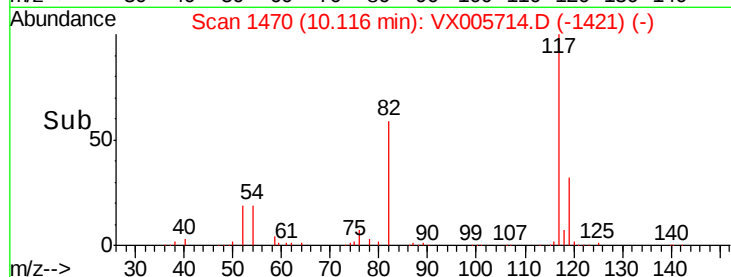
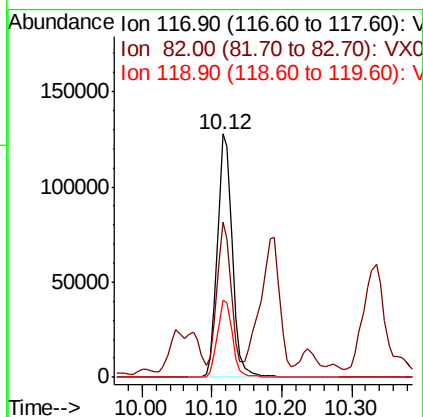
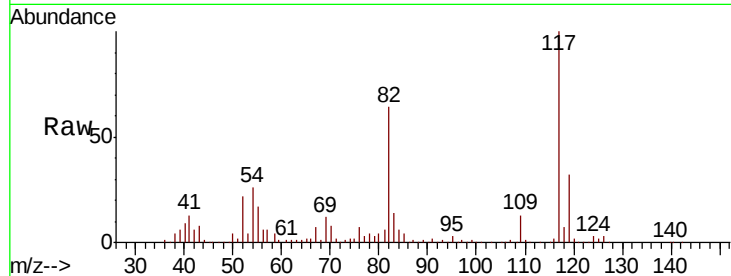




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005714.D
Acq: 31 Oct 2018 19:02

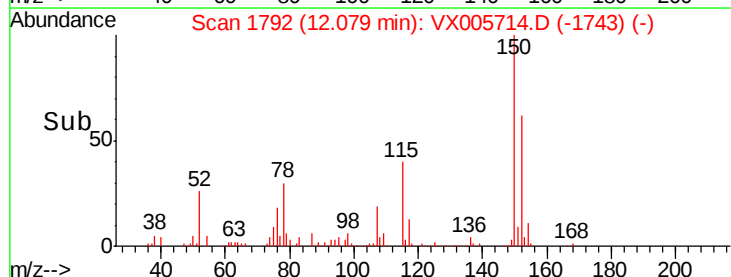
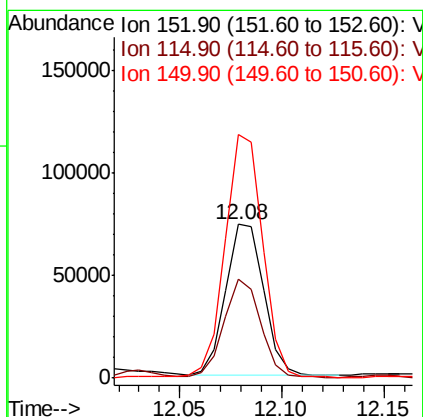
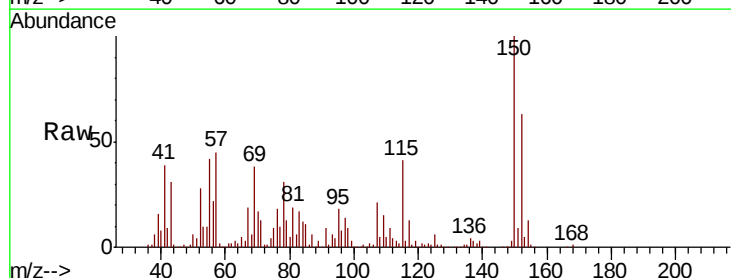
Instrument :
MSVOA_X
ClientSampleId :
SB-4ME

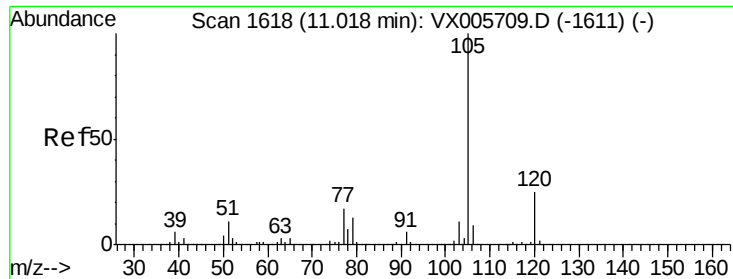
Tot Ion:117 Resp: 190645
Ion Ratio Lower Upper
117 100
82 59.2 44.1 66.1
119 31.9 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005714.D
Acq: 31 Oct 2018 19:02

Tgt Ion:152 Resp: 95334
Ion Ratio Lower Upper
152 100
115 62.3 39.4 118.1
150 159.4 0.0 346.4





#73

Isopropylbenzene

Concen: 22.130 ug/l

RT: 11.02 min Scan# 1619

Delta R.T. 0.01 min

Lab File: VX005714.D

Acq: 31 Oct 2018 19:02

Instrument :

MSVOA_X

ClientSampleId :

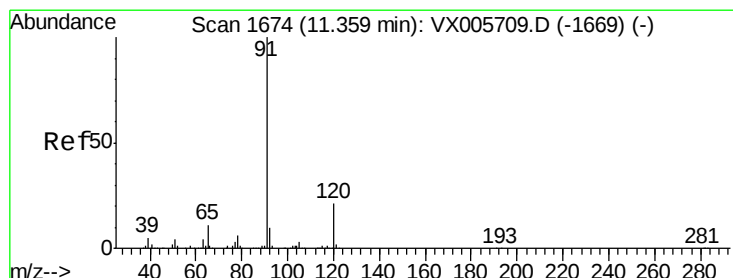
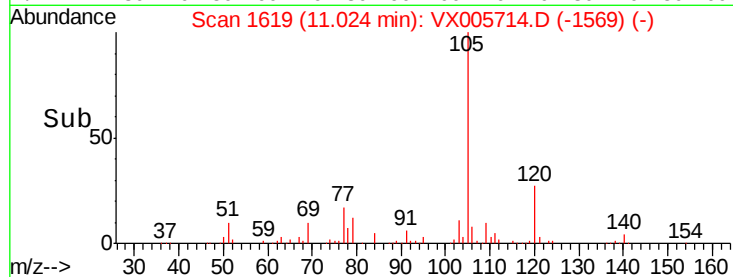
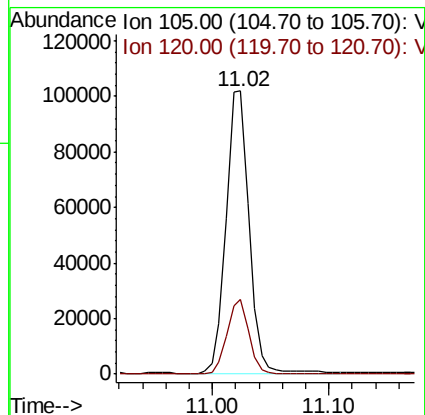
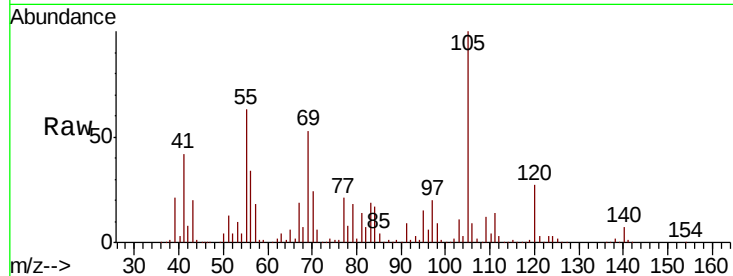
SB-4ME

Tot Ion:105 Resp: 139184

Ion Ratio Lower Upper

105 100

120 25.4 13.1 39.3



#78

n-propylbenzene

Concen: 34.636 ug/l

RT: 11.37 min Scan# 1675

Delta R.T. 0.01 min

Lab File: VX005714.D

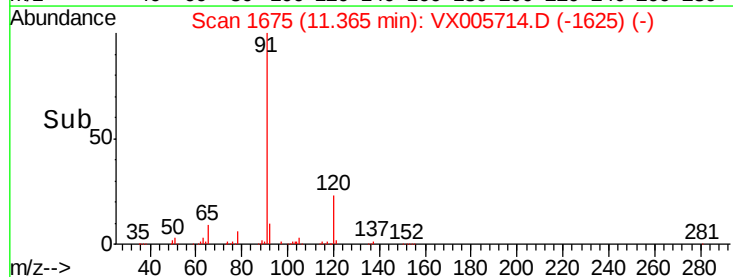
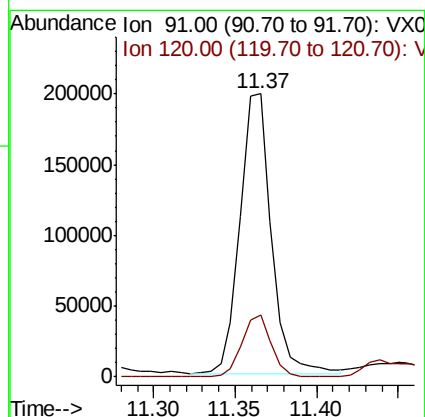
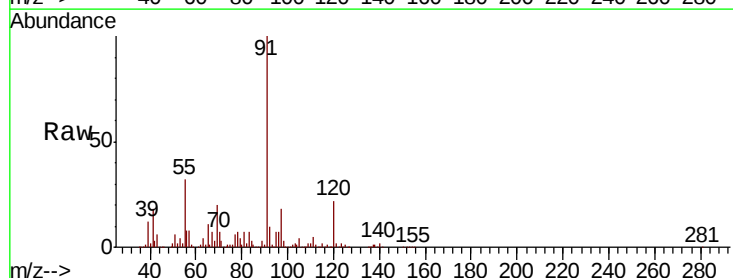
Acq: 31 Oct 2018 19:02

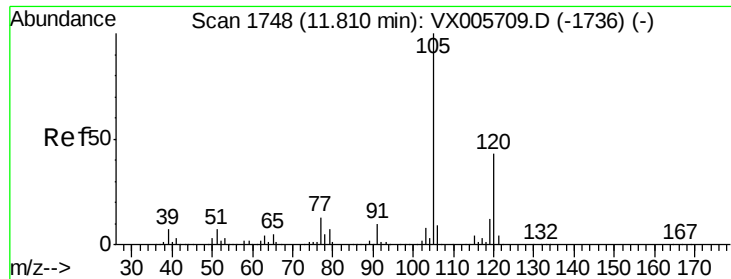
Tgt Ion: 91 Resp: 265013

Ion Ratio Lower Upper

91 100

120 20.6 11.9 35.5

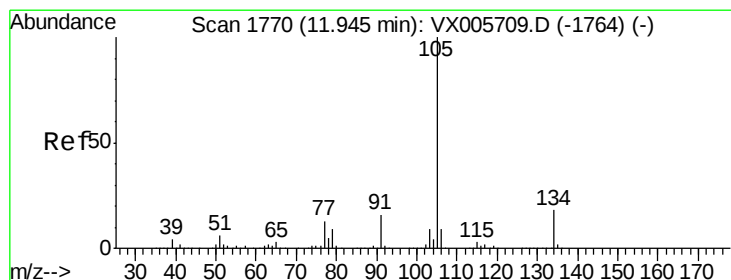
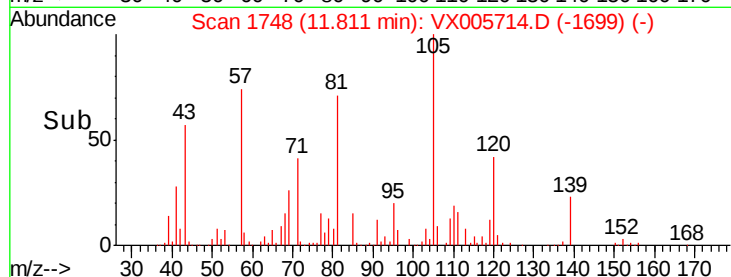
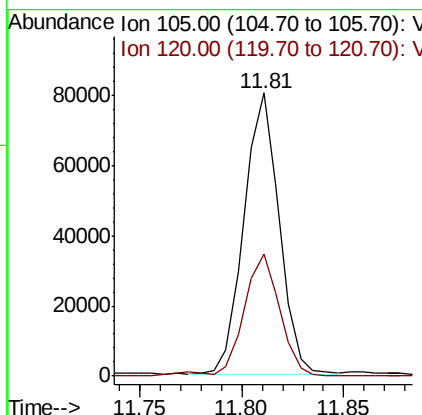
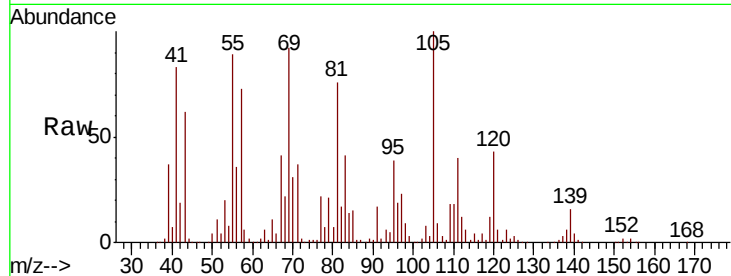




#84
 1,2,4-Trimethylbenzene
 Concen: 17.724 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX005714.D
 Acq: 31 Oct 2018 19:02

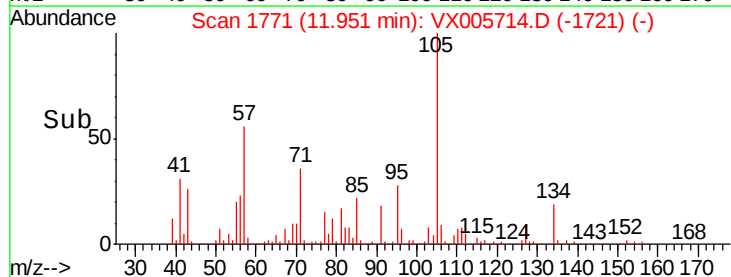
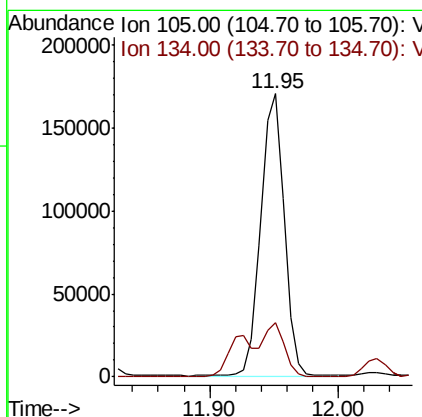
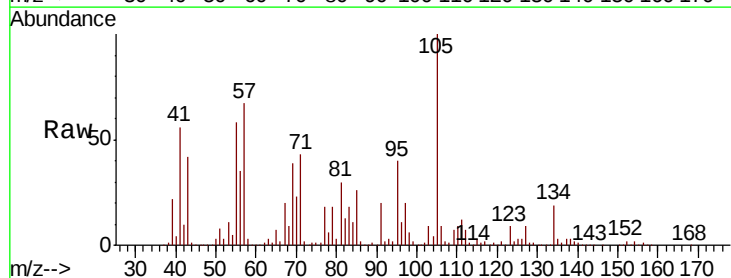
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-4ME

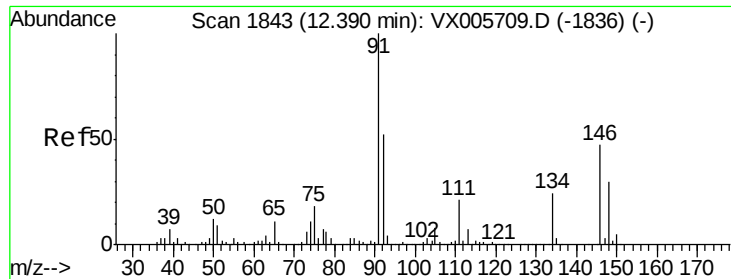
Tot Ion:105 Resp: 95580
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.4 67.0



#85
 sec-Butylbenzene
 Concen: 32.598 ug/l
 RT: 11.95 min Scan# 1771
 Delta R.T. 0.01 min
 Lab File: VX005714.D
 Acq: 31 Oct 2018 19:02

Tgt Ion:105 Resp: 213069
 Ion Ratio Lower Upper
 105 100
 134 18.7 10.2 30.4





#89

n-Butylbenzene

Concen: 55.918 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX005714.D

Acq: 31 Oct 2018 19:02

Instrument :

MSVOA_X

ClientSampleId :

SB-4ME

Tot Ion: 91 Resp: 313628

Ion Ratio Lower Upper

91 100

92 42.5 26.1 78.2

134 50.3 13.1 39.3#

