

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111718\
 Data File : VX006076.D
 Acq On : 17 Nov 2018 18:38
 Operator : JC/MD
 Sample : J5918-02ME
 Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-05(25-27)ME

Quant Time: Nov 19 09:25:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	122618	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	202557	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	150532	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	118192	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	72620	51.52	ug/l	0.00
Spiked Amount			Recovery	=	103.04%	
35) Dibromofluoromethane	5.51	113	54755	39.74	ug/l	0.00
Spiked Amount			Recovery	=	79.48%	
50) Toluene-d8	8.71	98	217448	47.48	ug/l	0.00
Spiked Amount			Recovery	=	94.96%	
62) 4-Bromofluorobenzene	11.14	95	59124	35.90	ug/l	0.00
Spiked Amount			Recovery	=	71.80%	

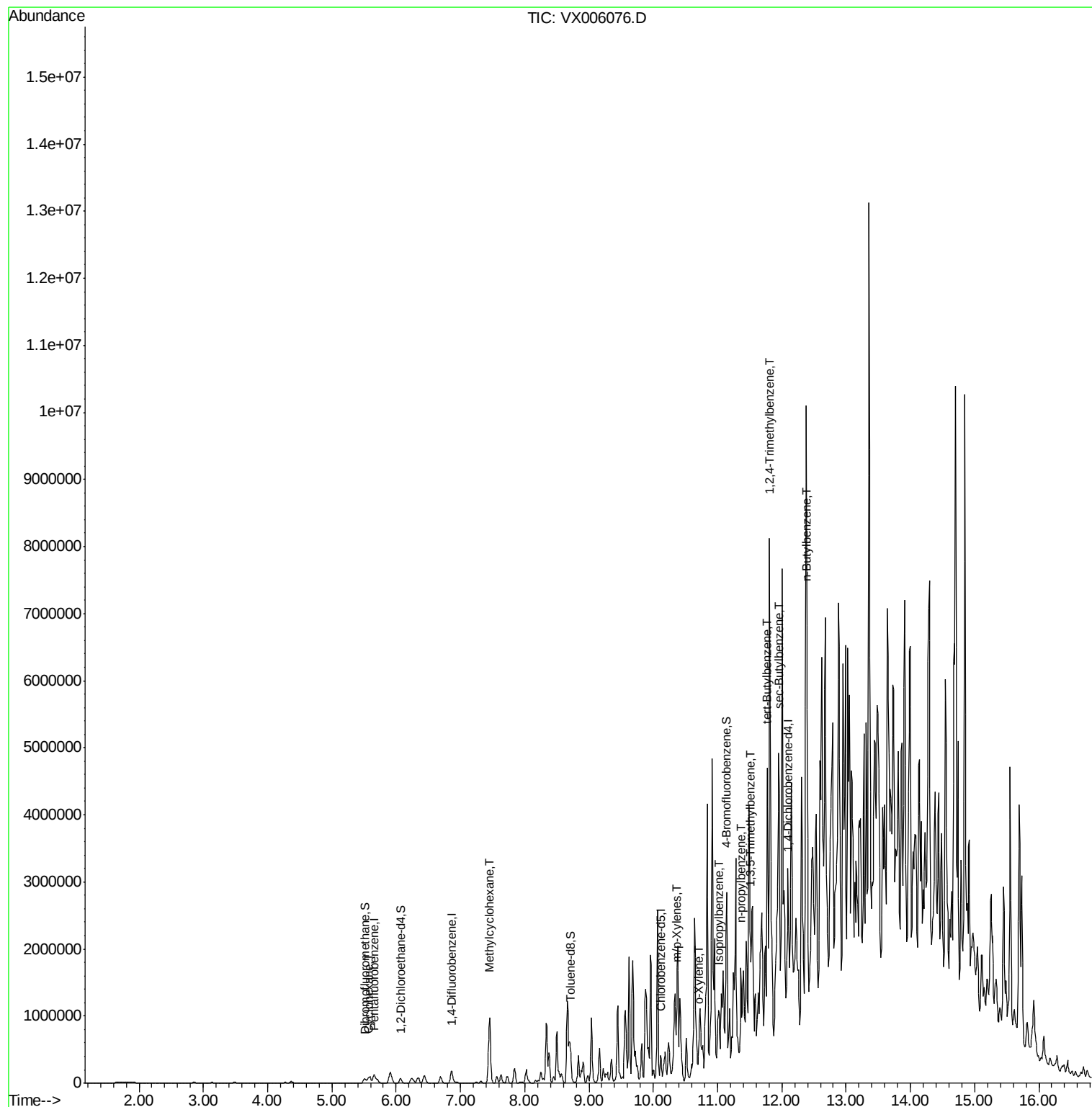
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.56	56	47200	24.04	ug/l #	83
39) Methylcyclohexane	7.45	83	426079	215.29	ug/l	92
68) m/p-Xylenes	10.36	106	11270	6.11	ug/l #	44
69) o-Xylene	10.70	106	4895	2.96	ug/l	71
73) Isopropylbenzene	11.02	105	295725	43.27	ug/l	99
78) n-propylbenzene	11.37	91	799049	99.20	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	299260	51.52	ug/l	100
83) tert-Butylbenzene	11.77	119	58850	10.02	ug/l	91
84) 1,2,4-Trimethylbenzene	11.82	105	2775940	433.99	ug/l	97
85) sec-Butylbenzene	11.95	105	864140	120.26	ug/l #	74
89) n-Butylbenzene	12.40	91	1257556	213.18	ug/l #	72

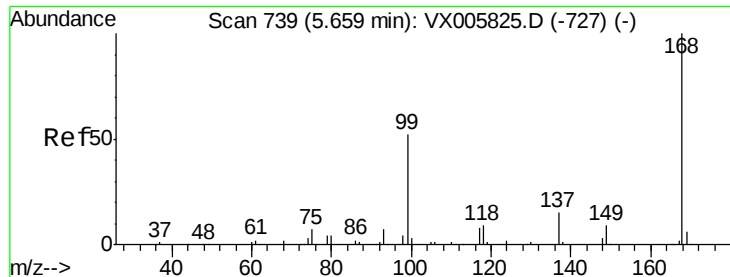
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX111718\
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Quant Time: Nov 19 09:25:33 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX006076.D

Acq: 17 Nov 2018 18:38

Instrument :

MSVOA_X

ClientSampleId :

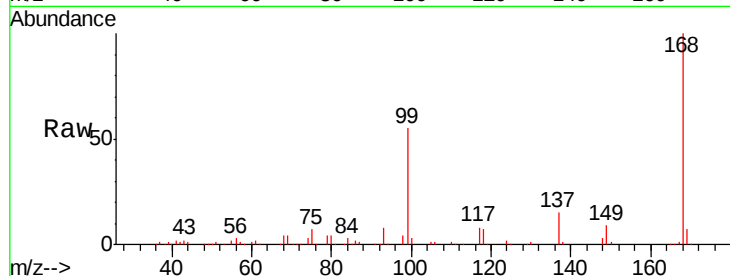
FDSB-05(25-27)ME

Tgt Ion:168 Resp: 122618

Ion Ratio Lower Upper

168 100

99 54.4 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

40000

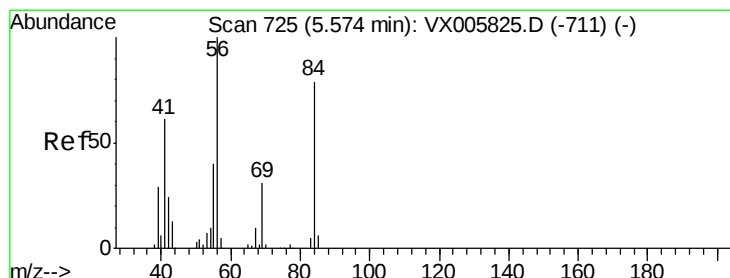
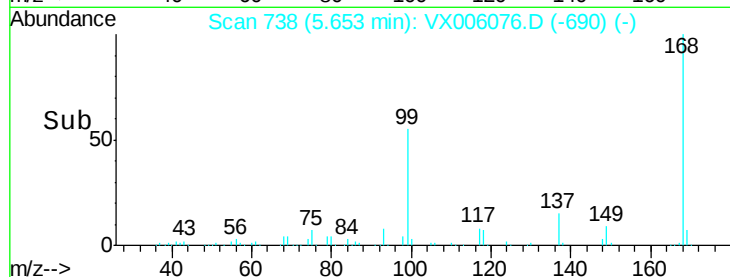
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#31

Cyclohexane

Concen: 24.04 ug/l

RT: 5.56 min Scan# 723

Delta R.T. -0.01 min

Lab File: VX006076.D

Acq: 17 Nov 2018 18:38

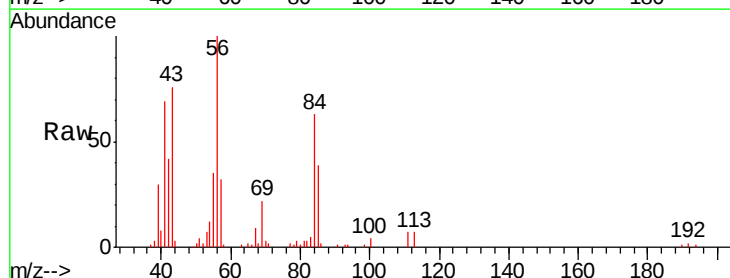
Tgt Ion: 56 Resp: 47200

Ion Ratio Lower Upper

56 100

69 20.3 22.6 34.0#

84 62.8 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

5.56

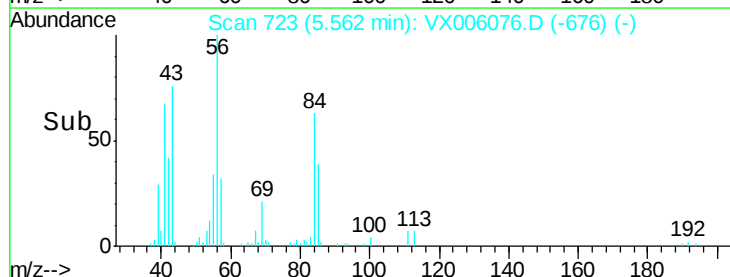
15000

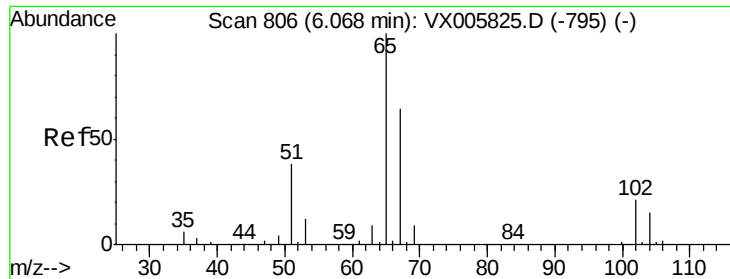
10000

5000

0

Time--> 5.40 5.50 5.60

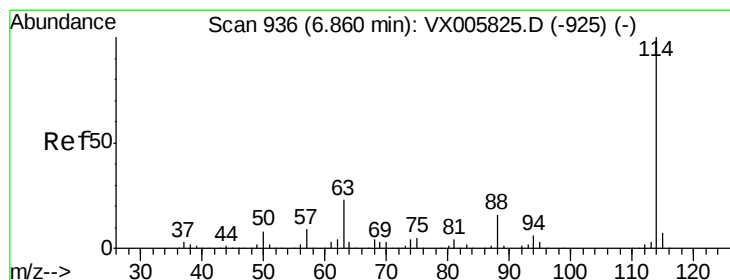
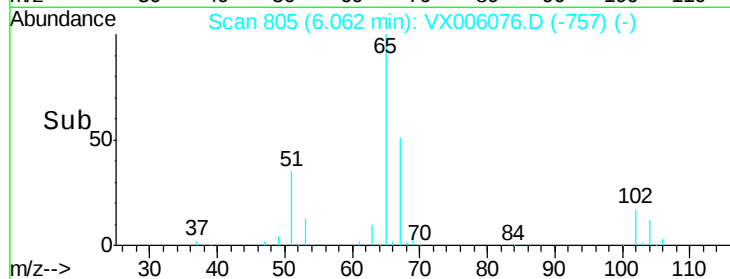
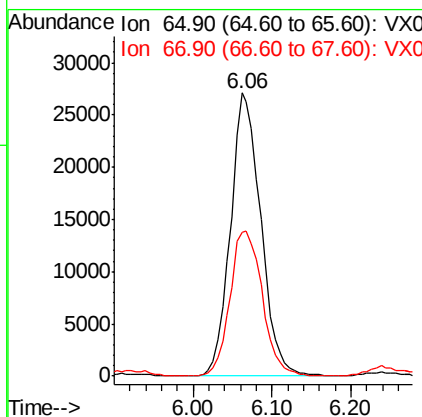
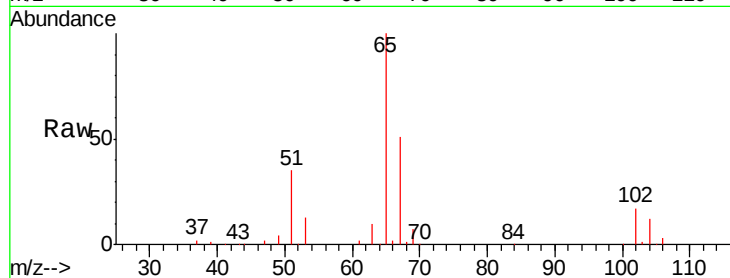




#33
 1,2-Dichloroethane-d4
 Concen: 51.52 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX006076.D
 Acq: 17 Nov 2018 18:38

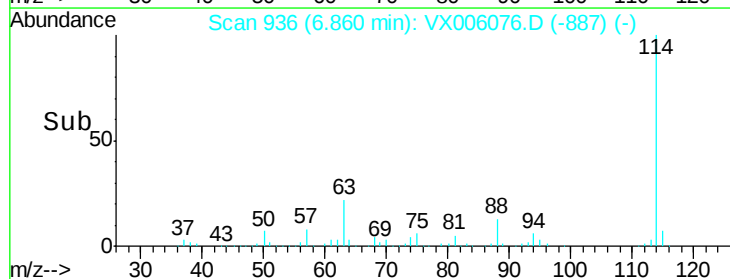
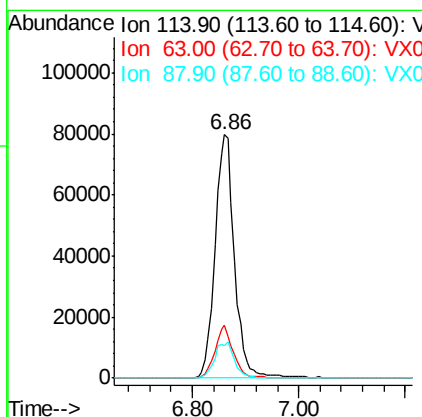
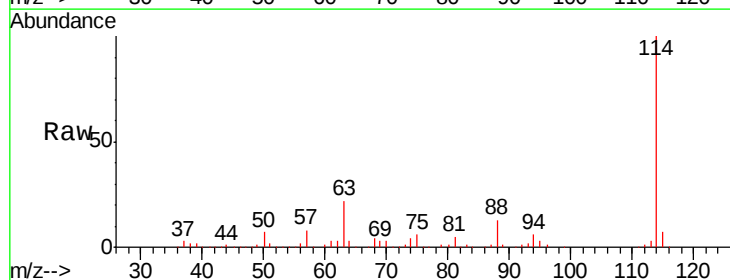
Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-05(25-27)ME

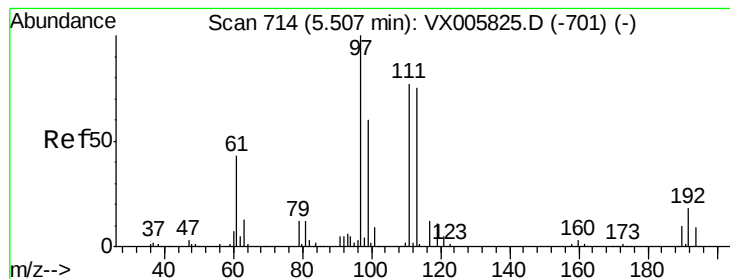
Tgt Ion: 65 Resp: 72620
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006076.D
 Acq: 17 Nov 2018 18:38

Tgt Ion: 114 Resp: 202557
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 42.8
 88 13.1 0.0 31.2





#35

Dibromofluoromethane

Concen: 39.74 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX006076.D

Acq: 17 Nov 2018 18:38

Instrument :

MSVOA_X

ClientSampleId :

FDSB-05(25-27)ME

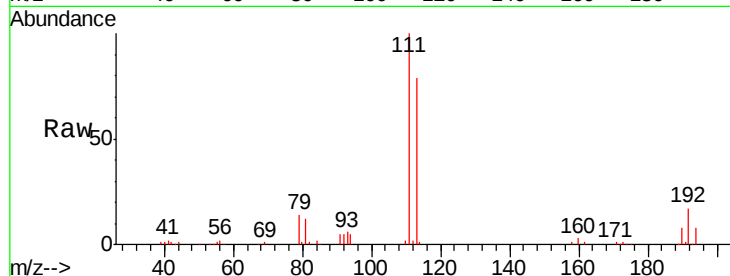
Tgt Ion:113 Resp: 54755

Ion Ratio Lower Upper

113 100

111 103.5 82.3 123.5

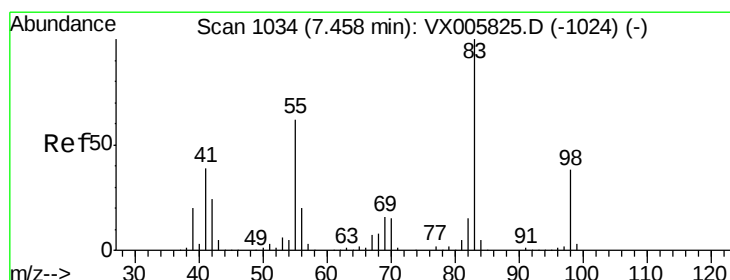
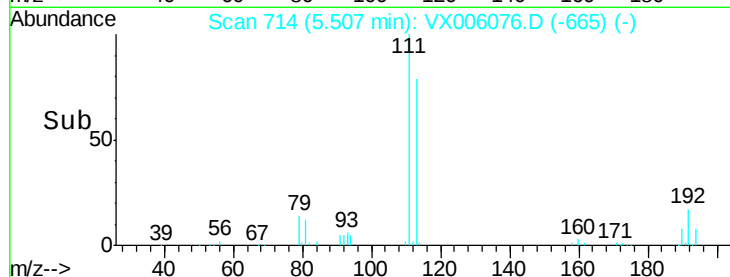
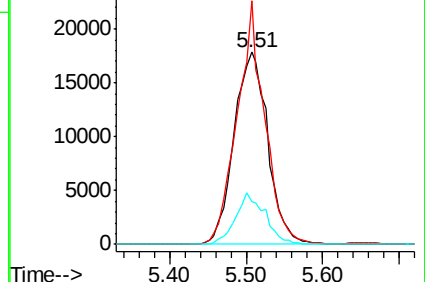
192 23.4 17.9 26.9



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: 215.29 ug/l

RT: 7.45 min Scan# 1033

Delta R.T. -0.01 min

Lab File: VX006076.D

Acq: 17 Nov 2018 18:38

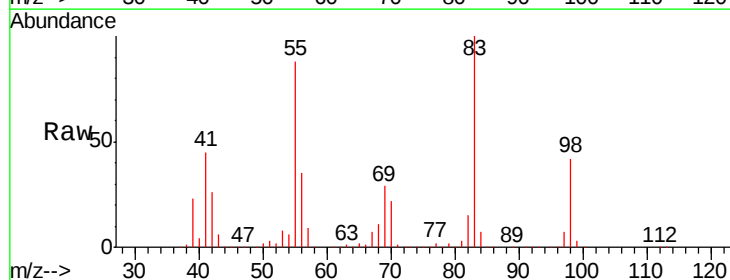
Tgt Ion: 83 Resp: 426079

Ion Ratio Lower Upper

83 100

55 88.4 63.7 95.5

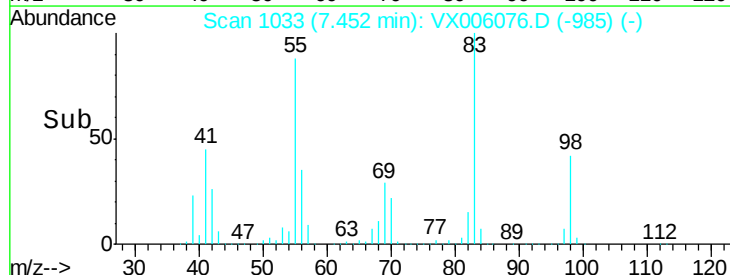
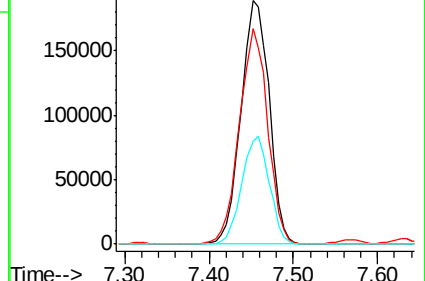
98 42.1 36.2 54.2

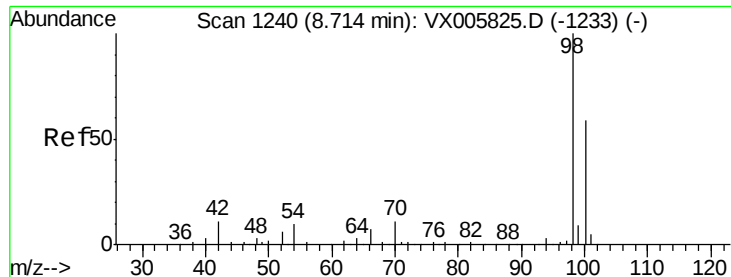


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#50

Toluene-d8

Concen: 47.48 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006076.D

Acq: 17 Nov 2018 18:38

Instrument :

MSVOA_X

ClientSampleId :

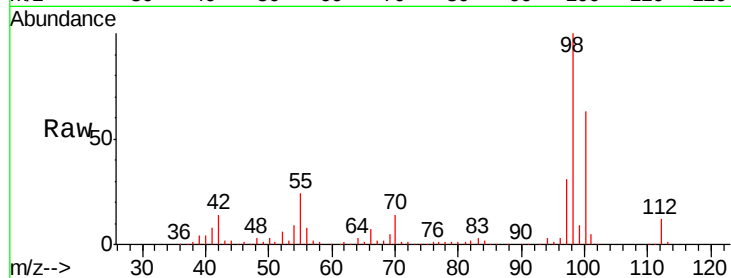
FDSB-05(25-27)ME

Tgt Ion: 98 Resp: 217448

Ion Ratio Lower Upper

98 100

100 60.5 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

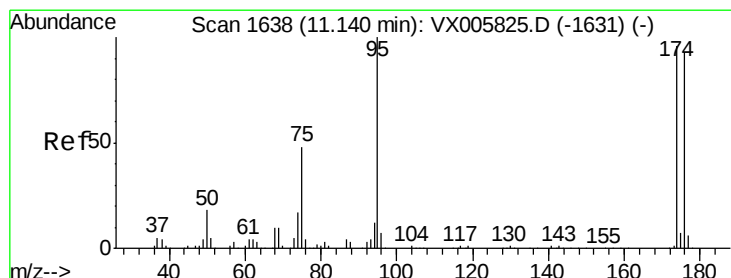
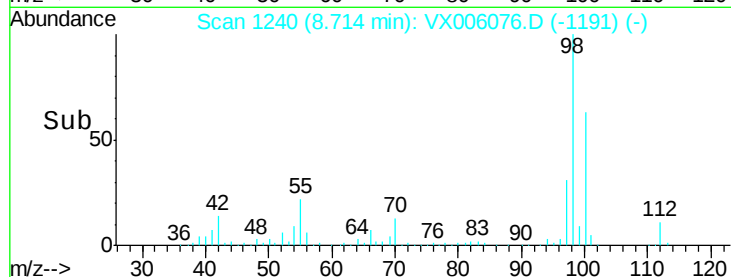
8.71

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 35.90 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006076.D

Acq: 17 Nov 2018 18:38

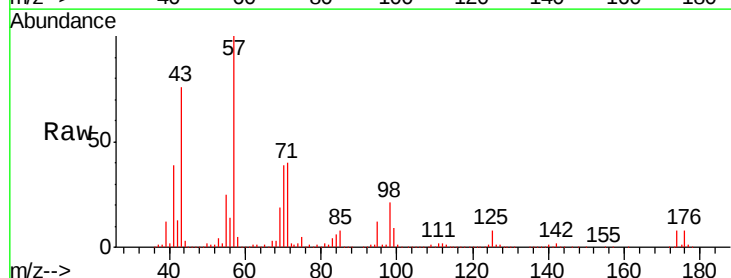
Tgt Ion: 95 Resp: 59124

Ion Ratio Lower Upper

95 100

174 114.5 0.0 184.4

176 112.9 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

11.14

80000

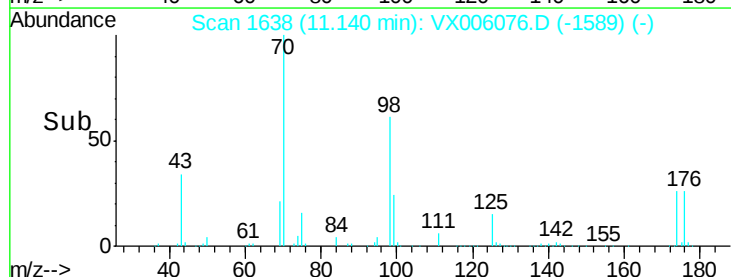
60000

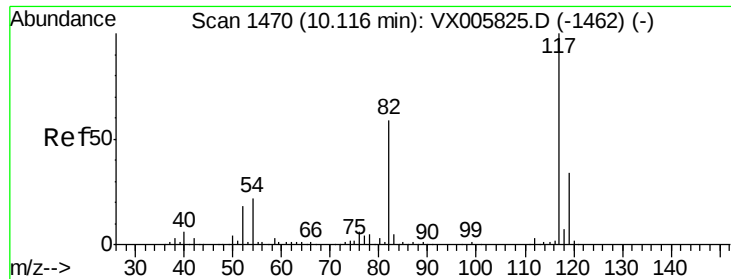
40000

20000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1471

Delta R.T. 0.01 min

Lab File: VX006076.D

Acq: 17 Nov 2018 18:38

Instrument :

MSVOA_X

ClientSampleId :

FDSB-05(25-27)ME

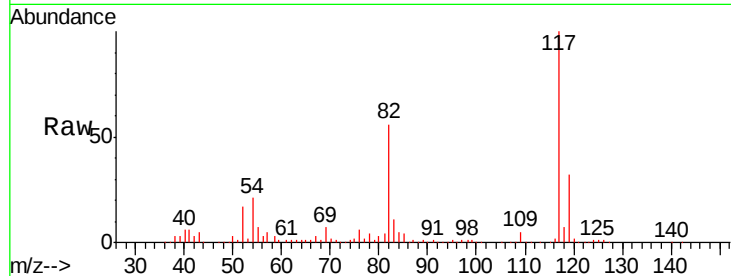
Tgt Ion:117 Resp: 150532

Ion Ratio Lower Upper

117 100

82 46.3 44.1 66.1

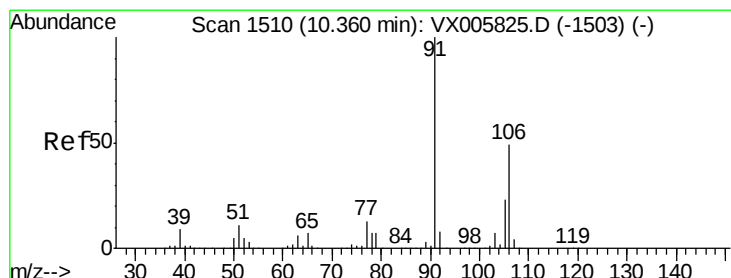
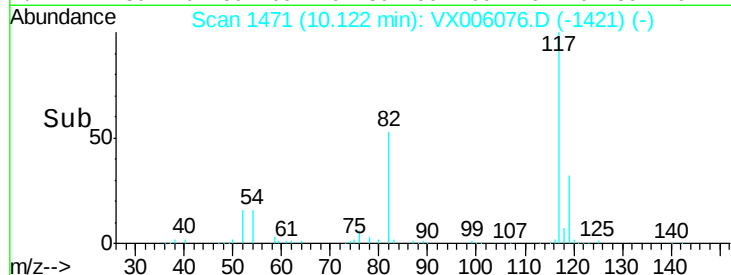
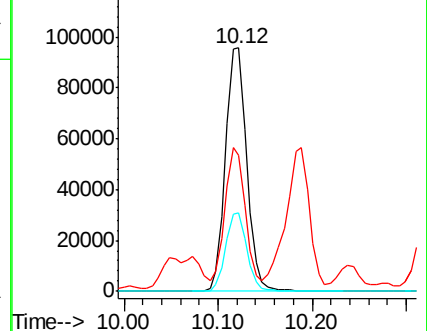
119 32.3 26.2 39.2



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



#68

m/p-Xylenes

Concen: 6.11 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006076.D

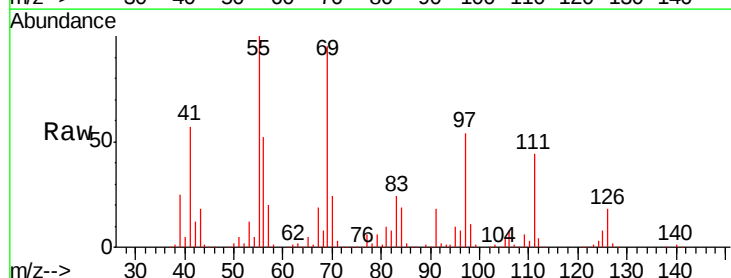
Acq: 17 Nov 2018 18:38

Tgt Ion:106 Resp: 11270

Ion Ratio Lower Upper

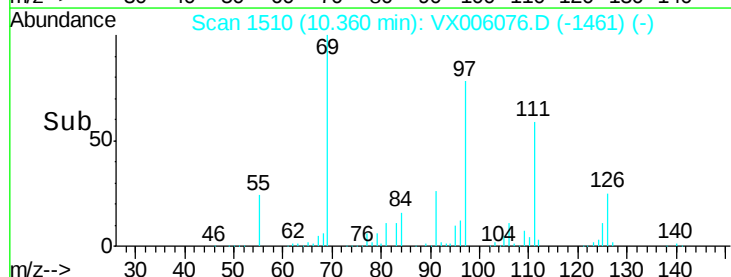
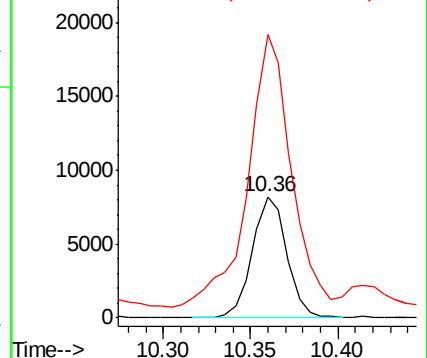
106 100

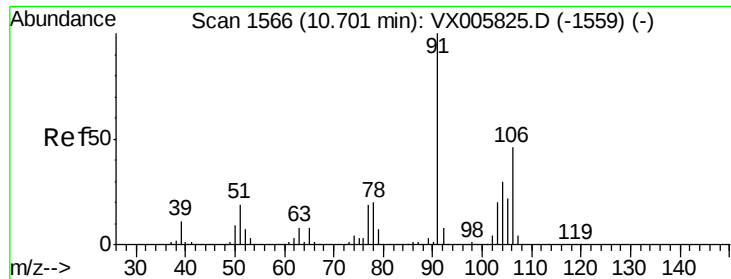
91 290.8 164.2 246.4#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

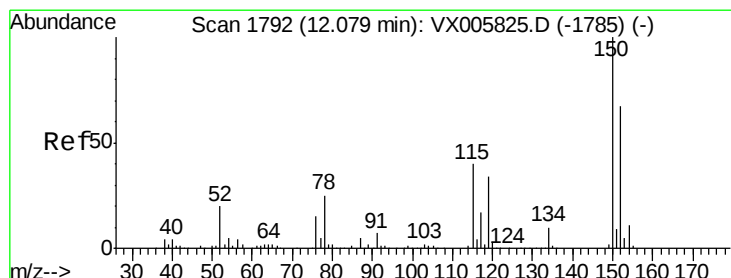
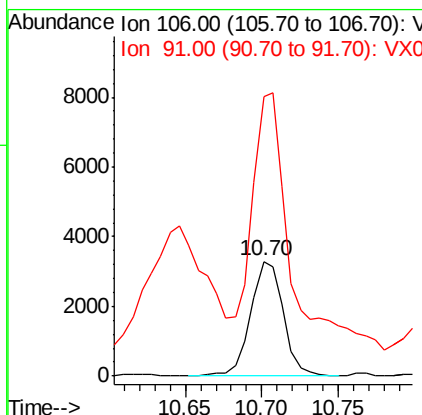
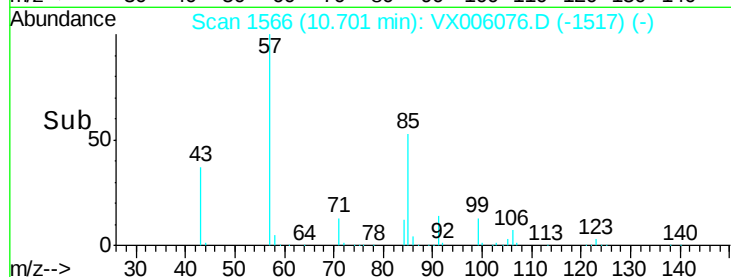
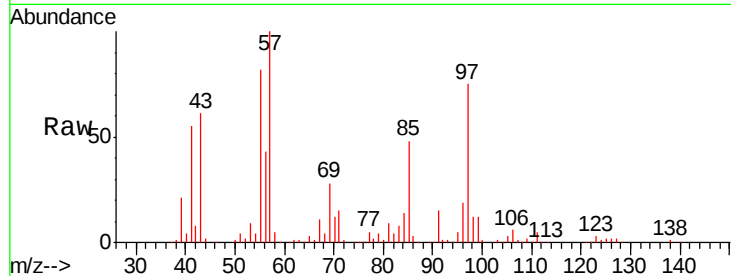




#69
o-Xylene
Concen: 2.96 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006076.D
Acq: 17 Nov 2018 18:38

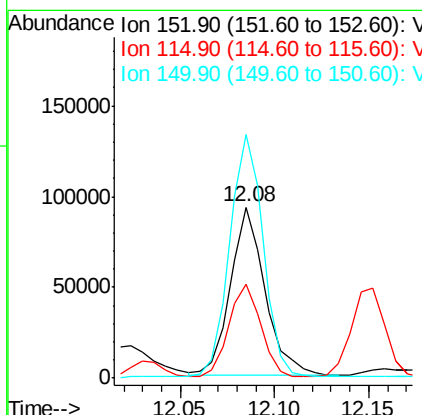
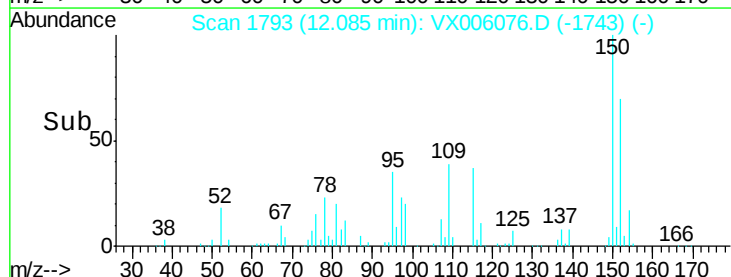
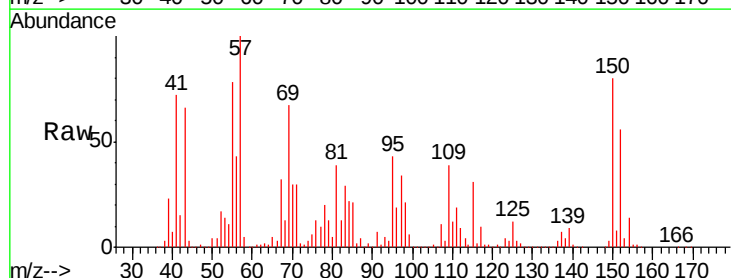
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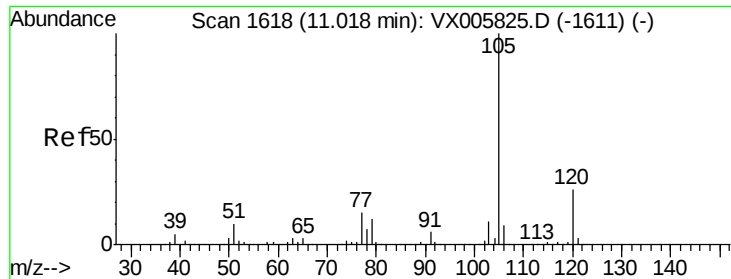
Tgt Ion:106 Resp: 4895
Ion Ratio Lower Upper
106 100
91 263.8 108.5 325.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1793
Delta R.T. 0.01 min
Lab File: VX006076.D
Acq: 17 Nov 2018 18:38

Tgt Ion:152 Resp: 118192
Ion Ratio Lower Upper
152 100
115 50.9 39.4 118.1
150 140.2 0.0 346.4





#73

Isopropylbenzene

Concen: 43.27 ug/l

RT: 11.02 min Scan# 1619

Delta R.T. 0.01 min

Lab File: VX006076.D

Acq: 17 Nov 2018 18:38

Instrument :

MSVOA_X

ClientSampleId :

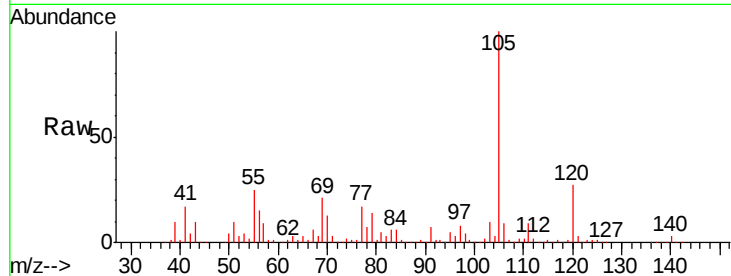
FDSB-05(25-27)ME

Tgt Ion: 105 Resp: 295725

Ion Ratio Lower Upper

105 100

120 26.6 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

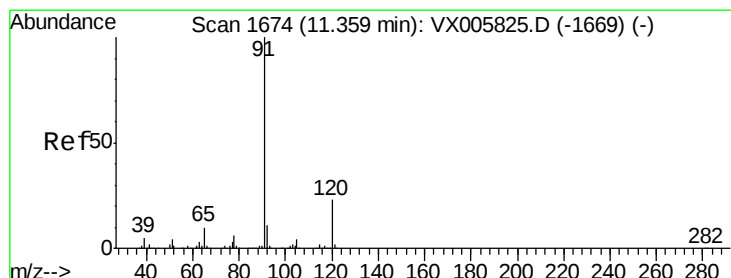
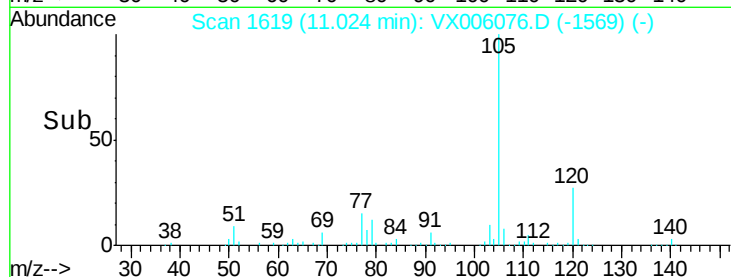
50000

0

11.02

11.00 11.10 11.20

Time-->



#78

n-propylbenzene

Concen: 99.20 ug/l

RT: 11.37 min Scan# 1675

Delta R.T. 0.01 min

Lab File: VX006076.D

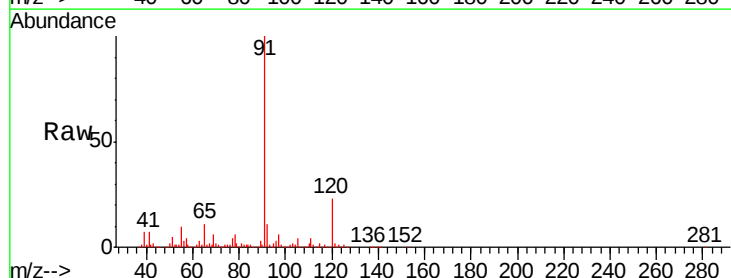
Acq: 17 Nov 2018 18:38

Tgt Ion: 91 Resp: 799049

Ion Ratio Lower Upper

91 100

120 22.9 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

600000

400000

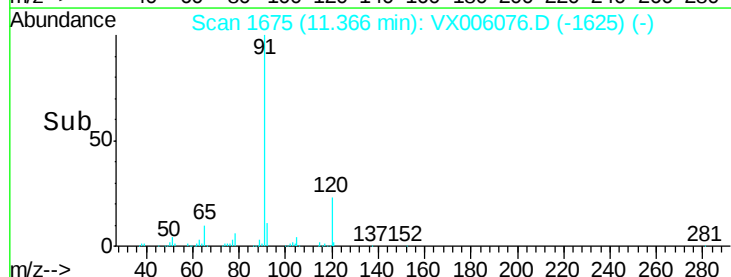
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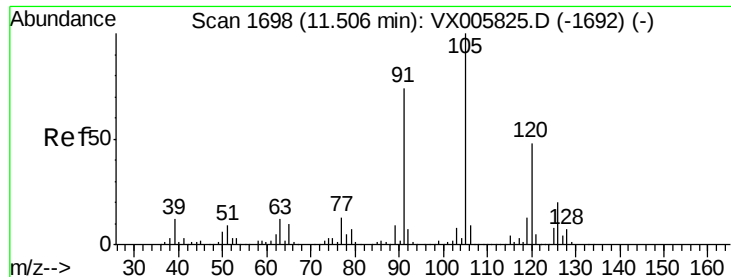
0

11.37

11.30 11.35 11.40 11.45

Time-->

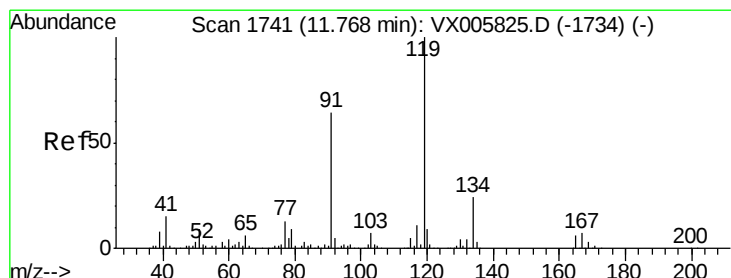
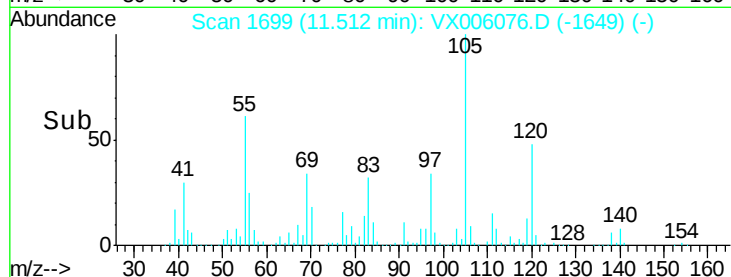
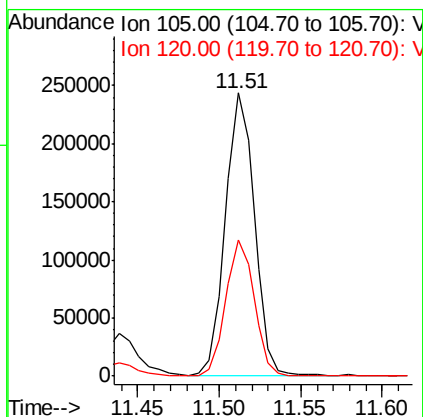
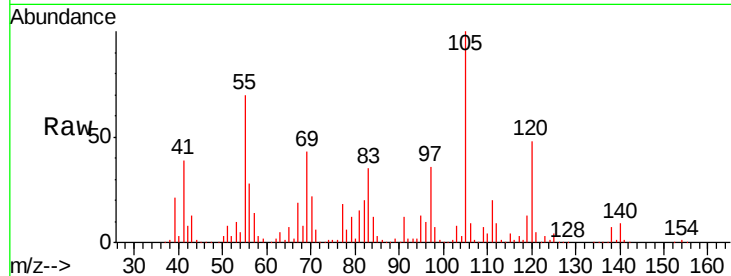




#80
 1,3,5-Trimethylbenzene
 Concen: 51.52 ug/l
 RT: 11.51 min Scan# 1699
 Delta R.T. 0.01 min
 Lab File: VX006076.D
 Acq: 17 Nov 2018 18:38

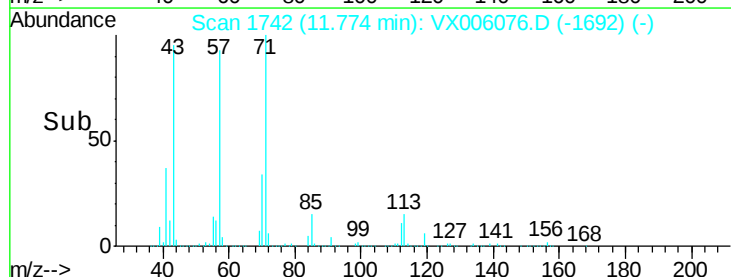
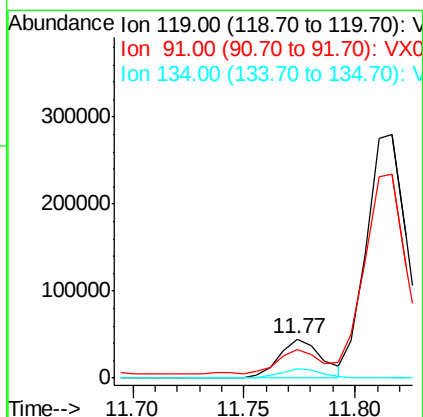
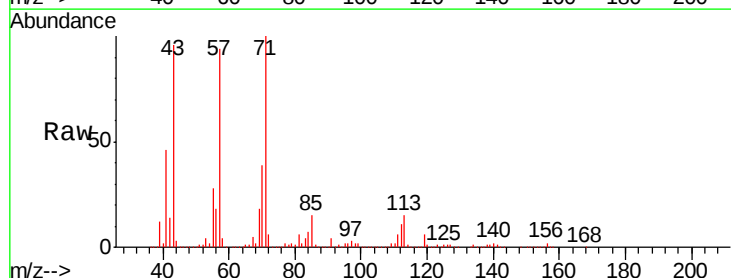
Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-05(25-27)ME

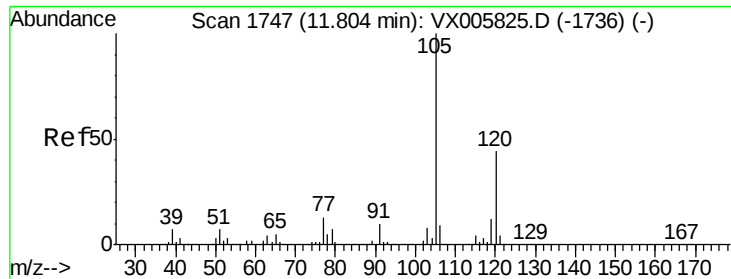
Tgt Ion:105 Resp: 299260
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.1 72.2



#83
 tert-Butylbenzene
 Concen: 10.02 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.01 min
 Lab File: VX006076.D
 Acq: 17 Nov 2018 18:38

Tgt Ion:119 Resp: 58850
 Ion Ratio Lower Upper
 119 100
 91 64.9 28.5 85.5
 134 23.8 11.3 33.8

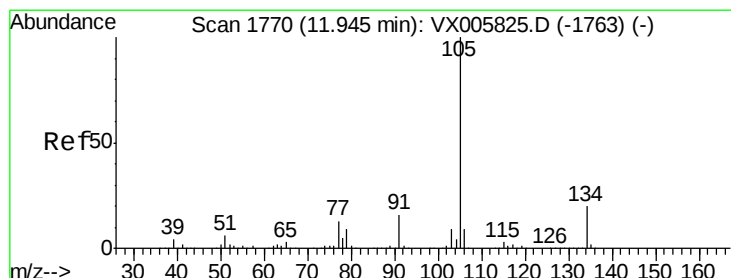
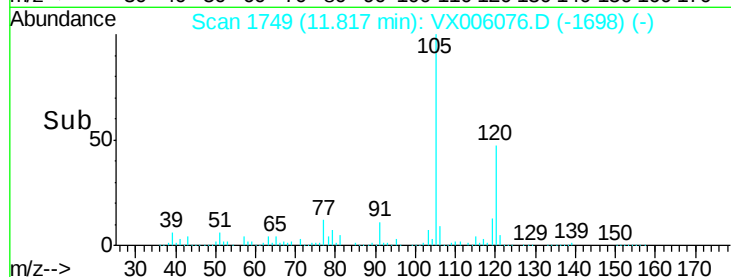
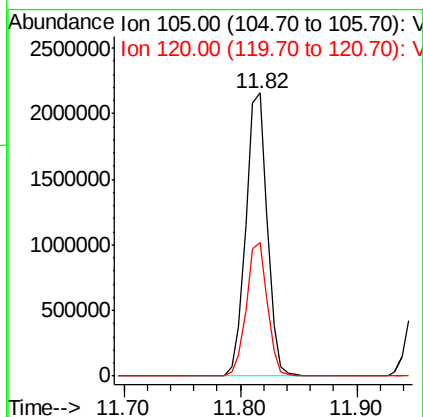
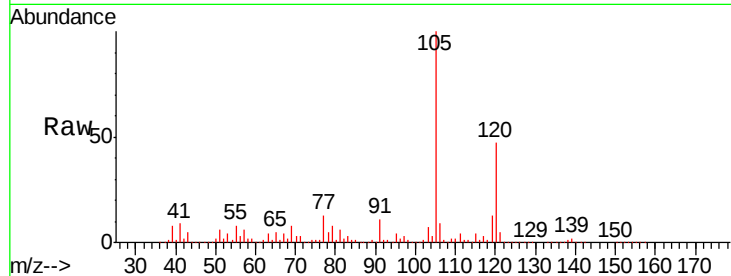




#84
 1,2,4-Trimethylbenzene
 Concen: 433.99 ug/l
 RT: 11.82 min Scan# 1749
 Delta R.T. 0.01 min
 Lab File: VX006076.D
 Acq: 17 Nov 2018 18:38

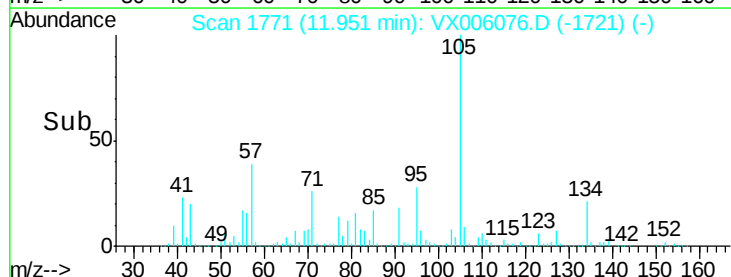
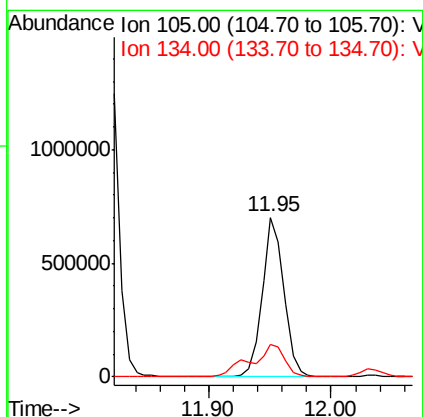
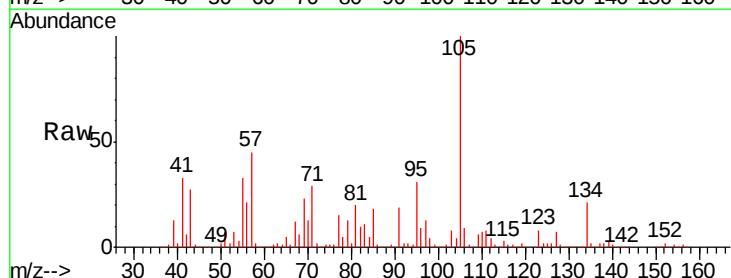
Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-05(25-27)ME

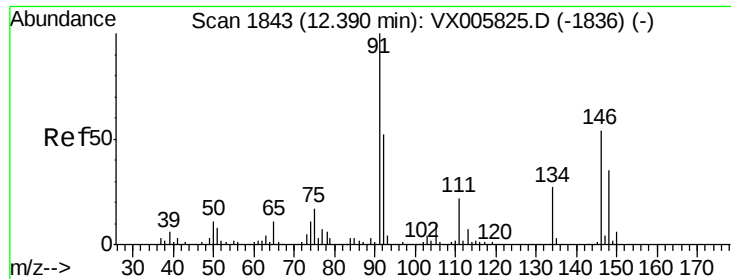
Tgt Ion:105 Resp: 2775940
 Ion Ratio Lower Upper
 105 100
 120 46.6 22.4 67.0



#85
 sec-Butylbenzene
 Concen: 120.26 ug/l
 RT: 11.95 min Scan# 1771
 Delta R.T. 0.01 min
 Lab File: VX006076.D
 Acq: 17 Nov 2018 18:38

Tgt Ion:105 Resp: 864140
 Ion Ratio Lower Upper
 105 100
 134 32.2 10.2 30.4#





#89

n-Butylbenzene

Concen: 213.18 ug/l

RT: 12.40 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VX006076.D

Acq: 17 Nov 2018 18:38

Instrument :

MSVOA_X

ClientSampleId :

FDSB-05(25-27)ME

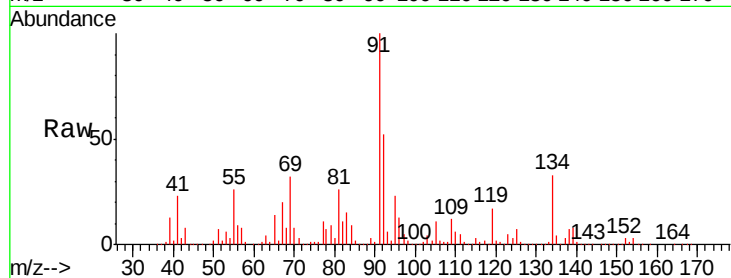
Tgt Ion: 91 Resp: 1257556

Ion Ratio Lower Upper

91 100

92 44.6 26.1 78.2

134 58.4 13.1 39.3#



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

