

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111418\
 Data File : VX006010.D
 Acq On : 15 Nov 2018 08:06
 Operator : JC/MD
 Sample : J5918-01
 Misc : 5.00g/10ml/100ul/5.00mL/MSVOA_X/MEOH
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-05(10-12)

Quant Time: Nov 15 09:42:52 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	5.66	168	137722	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	188106	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	174478	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	91108	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	75866	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
35) Dibromofluoromethane	5.51	113	60605	47.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.74%	
50) Toluene-d8	8.71	98	227196	53.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.82%	
62) 4-Bromofluorobenzene	11.14	95	86781	56.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	264	0.26	ug/l #	51
6) Chloroethane	1.71	64	412	0.42	ug/l #	79
11) Tert butyl alcohol	3.03	59	6728	14.83	ug/l #	73
13) Acrolein	2.02	56	23	19.26	ug/l #	1
18) Methyl Acetate	2.80	43	2129	Below Cal	#	78
20) Methylene Chloride	2.84	84	841	0.60	ug/l	90
28) Bromochloromethane	5.22	49	304	0.27	ug/l #	15
29) Tetrahydrofuran	5.18	42	386	0.45	ug/l #	37
30) Chloroform	5.22	83	3513	1.43	ug/l	97
31) Cyclohexane	5.56	56	2231	1.01	ug/l #	85
36) 1,1-Dichloropropene	5.65	75	9295	5.13	ug/l #	48
38) Carbon Tetrachloride	5.66	117	12128	6.68	ug/l #	15
39) Methylcyclohexane	7.45	83	17364	9.45	ug/l	94
41) Methacrylonitrile	5.18	41	363	0.28	ug/l #	47
47) Bromodichloromethane	7.91	83	332	0.22	ug/l #	83
48) Methyl methacrylate	7.73	41	1326	0.85	ug/l #	68
51) 4-Methyl-2-Pentanone	8.66	43	4241	1.95	ug/l #	45
55) 1,1,2-Trichloroethane	9.16	97	8821	6.70	ug/l #	18
56) Ethyl methacrylate	9.16	69	2090	1.06	ug/l #	1
59) 2-Hexanone	9.44	43	26019	13.55	ug/l #	30
68) m/p-Xylenes	10.36	106	838	0.39	ug/l #	34
73) Isopropylbenzene	11.02	105	19253	3.65	ug/l	99
74) N-amyl acetate	10.91	43	29661	11.03	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	15332	7.93	ug/l #	26
76) 1,2,3-Trichloropropane	11.14	75	42173	22.73	ug/l #	37
78) n-propylbenzene	11.36	91	53633	8.64	ug/l	96
79) 2-Chlorotoluene	11.36	91	53633	14.29	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.51	105	19054	4.26	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	42173	72.45	ug/l #	15
82) 4-Chlorotoluene	11.77	91	2171	0.49	ug/l	79
83) tert-Butylbenzene	11.77	119	3087	0.68	ug/l	84
84) 1,2,4-Trimethylbenzene	11.81	105	136999	27.67	ug/l	99
85) sec-Butylbenzene	11.95	105	45731	8.26	ug/l #	77
86) p-Isopropyltoluene	12.03	119	7591	1.55	ug/l #	76

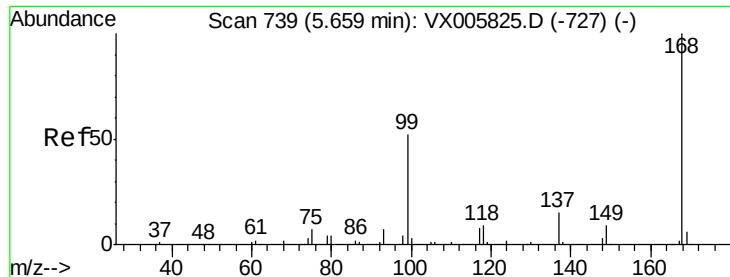
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111418\
Data File : VX006010.D
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.39	91	68190	15.00	ug/l #	71
90) Hexachloroethane	12.59	117	7770	9.49	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	13.02	75	1149	2.43	ug/l #	8
95) Naphthalene	13.85	128	3146	1.65	ug/l #	1
96) 1,2,3-Trichlorobenzene	14.04	180	2553	1.25	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX006010.D

Acq: 15 Nov 2018 08:06

Instrument :

MSVOA_X

ClientSampleId :

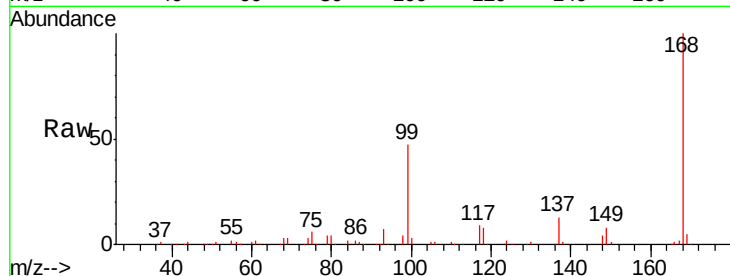
FDSB-05(10-12)

Tgt Ion:168 Resp: 137722

Ion Ratio Lower Upper

168 100

99 46.7 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

60000

50000

40000

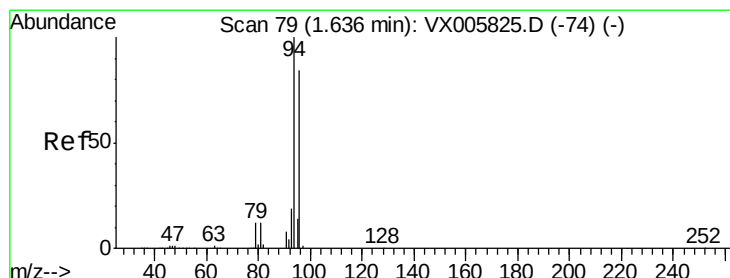
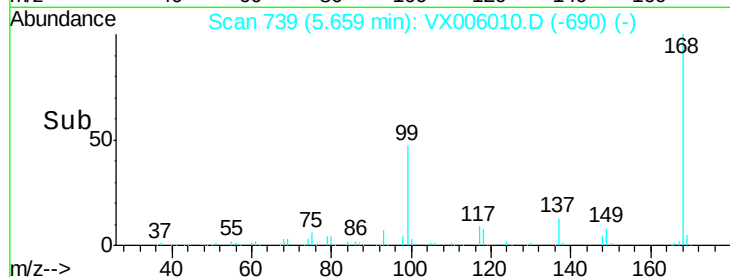
30000

20000

10000

0

Time-->



#5

Bromomethane

Concen: 0.26 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX006010.D

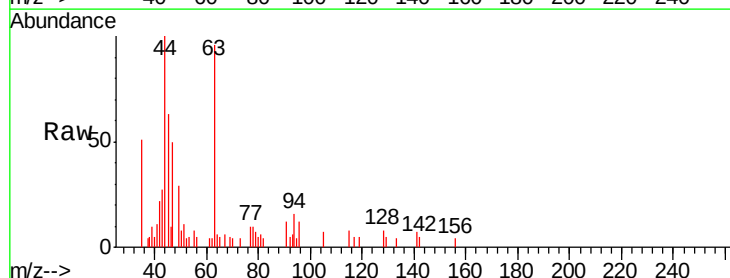
Acq: 15 Nov 2018 08:06

Tgt Ion: 94 Resp: 264

Ion Ratio Lower Upper

94 100

96 46.7 75.2 112.8#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

250

200

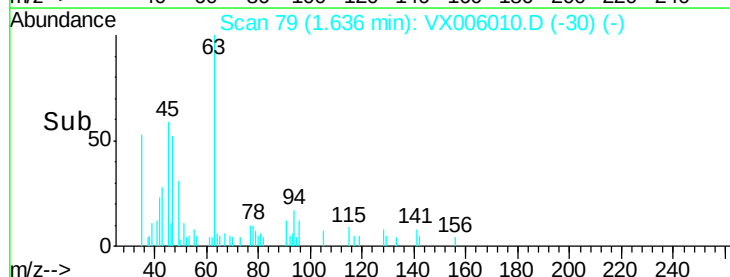
150

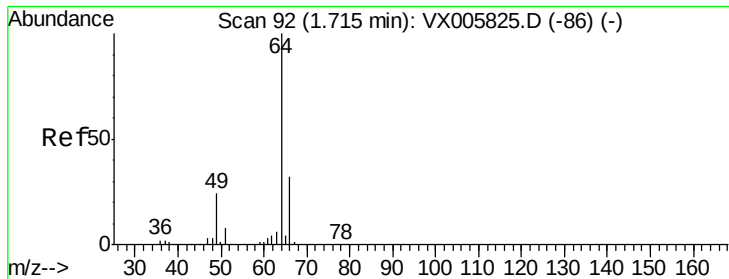
100

50

0

Time-->





#6

Chloroethane

Concen: 0.42 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX006010.D

Acq: 15 Nov 2018 08:06

Instrument :

MSVOA_X

ClientSampleId :

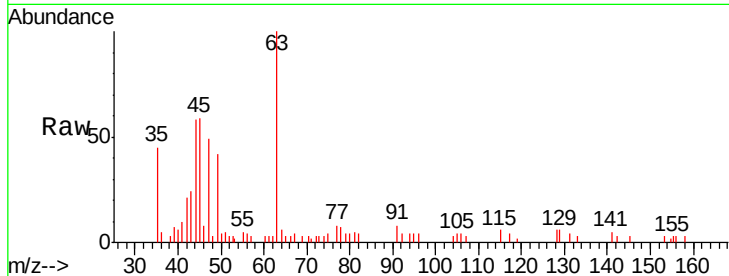
FDSB-05(10-12)

Tgt Ion: 64 Resp: 412

Ion Ratio Lower Upper

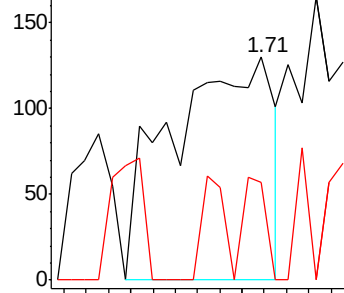
64 100

66 43.8 25.8 38.6#

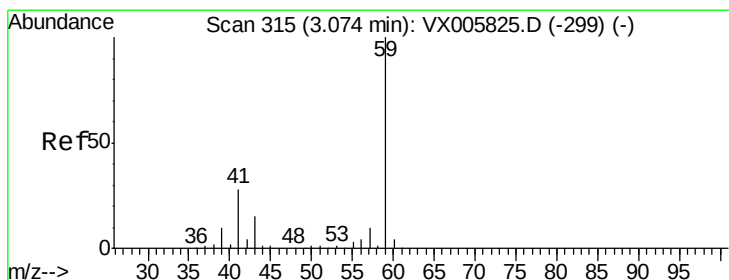
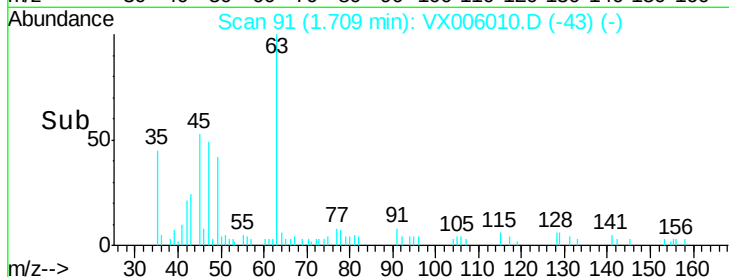


Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->



#11

Tert butyl alcohol

Concen: 14.83 ug/l

RT: 3.03 min Scan# 307

Delta R.T. -0.05 min

Lab File: VX006010.D

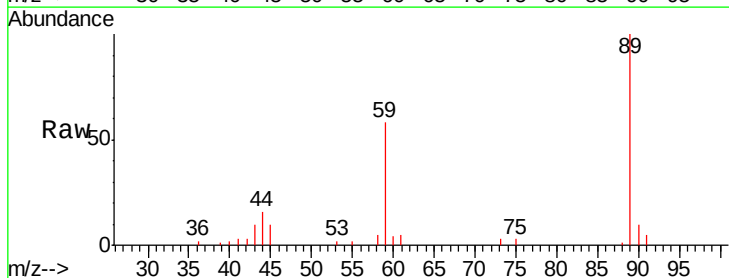
Acq: 15 Nov 2018 08:06

Tgt Ion: 59 Resp: 6728

Ion Ratio Lower Upper

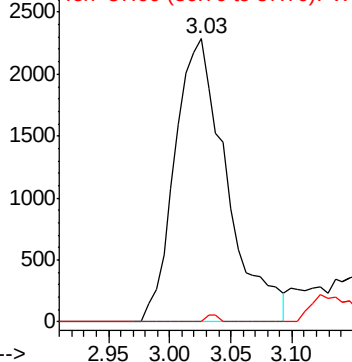
59 100

57 0.6 8.5 12.7#

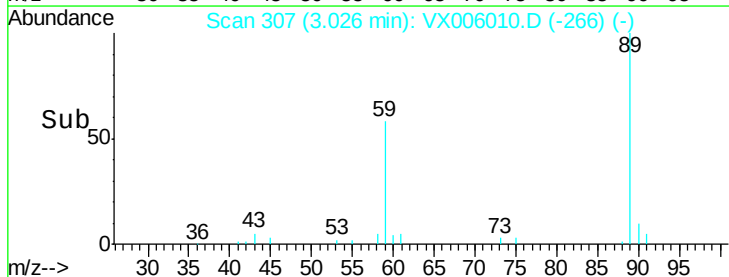


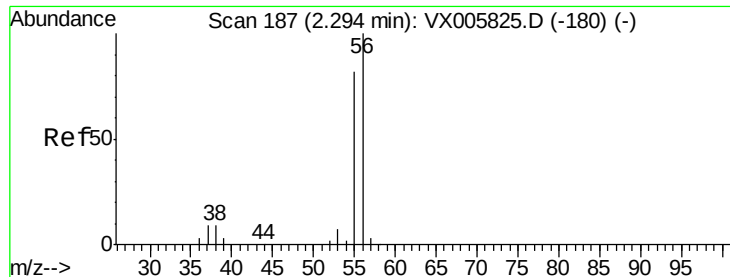
Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



Time-->





#13

Acrolein

Concen: 19.26 ug/l

RT: 2.02 min Scan# 142

Delta R.T. -0.27 min

Lab File: VX006010.D

Acq: 15 Nov 2018 08:06

Instrument :

MSVOA_X

ClientSampleId :

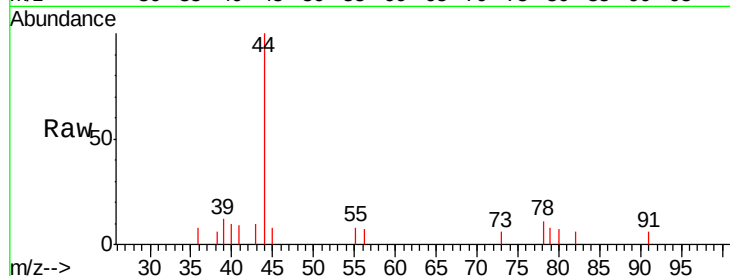
FDSB-05(10-12)

Tgt Ion: 56 Resp: 23

Ion Ratio Lower Upper

56 100

55 230.4 57.3 85.9#

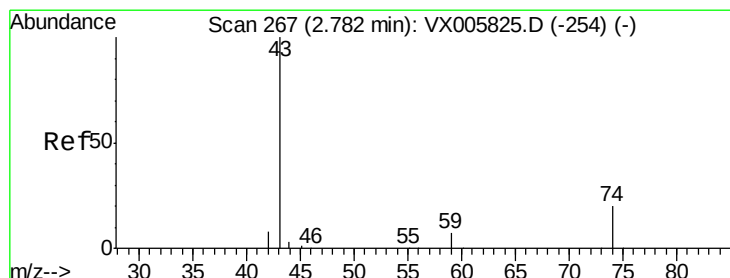
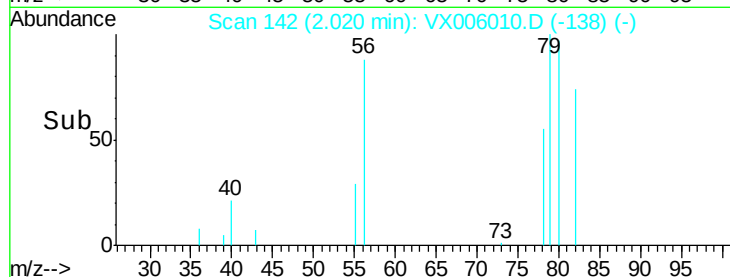


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.02

Time-->



#18

Methyl Acetate

Concen: Below Cal

RT: 2.80 min Scan# 270

Delta R.T. 0.02 min

Lab File: VX006010.D

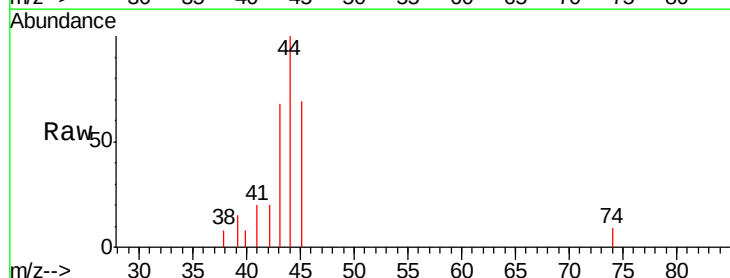
Acq: 15 Nov 2018 08:06

Tgt Ion: 43 Resp: 2129

Ion Ratio Lower Upper

43 100

74 10.7 16.8 25.2#

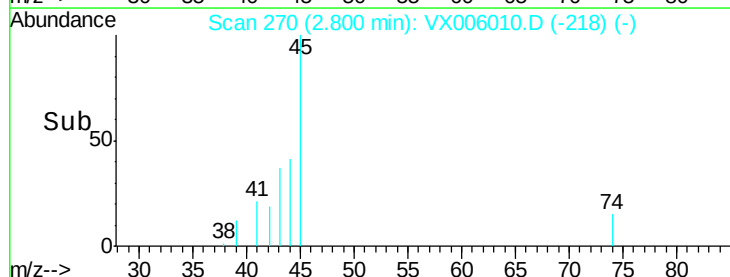


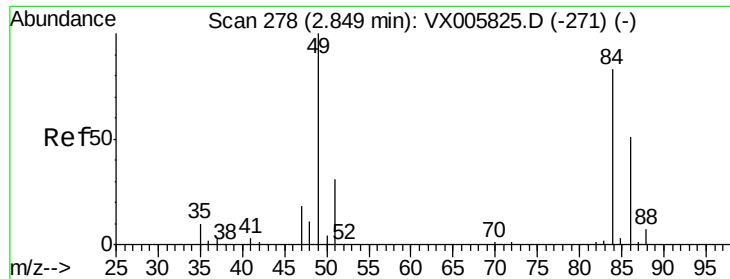
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.80

Time-->

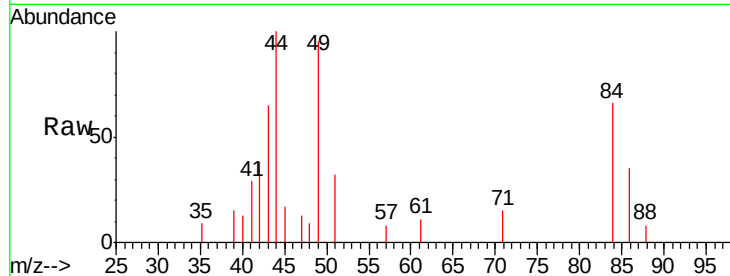




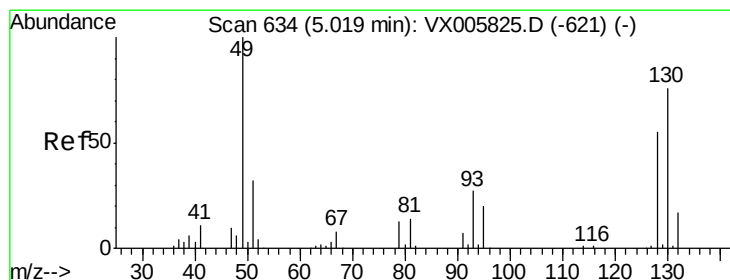
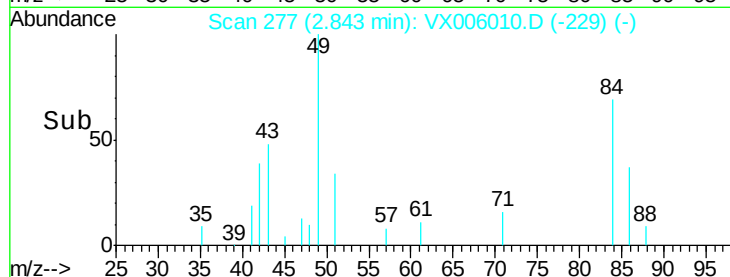
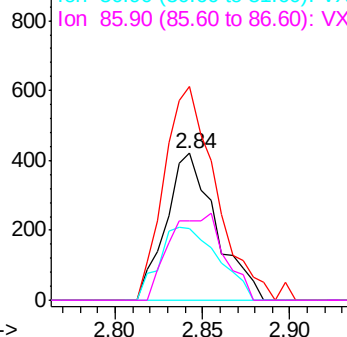
#20
Methylene Chloride
Concen: 0.60 ug/l
RT: 2.84 min Scan# 277
Delta R.T. -0.01 min
Lab File: VX006010.D
Acq: 15 Nov 2018 08:06

Instrument :
MSVOA_X
ClientSampleId :
FDSB-05(10-12)

Tgt Ion: 84 Resp: 841
Ion Ratio Lower Upper
84 100
49 145.1 109.5 164.3
51 49.2 33.3 49.9
86 53.7 52.7 79.1

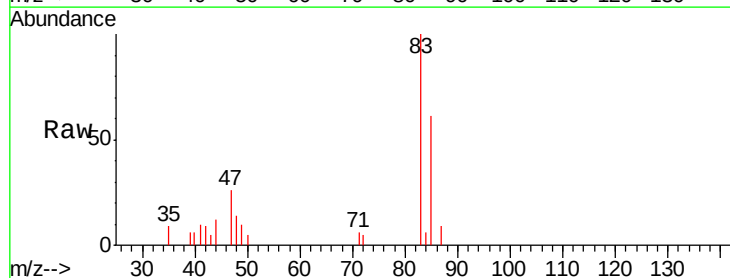


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

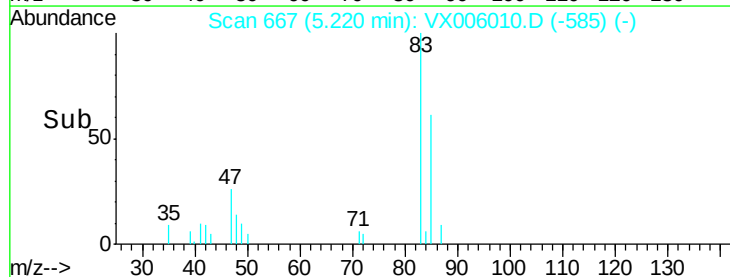
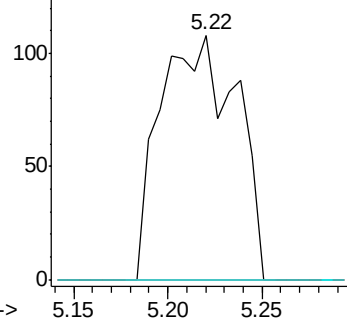


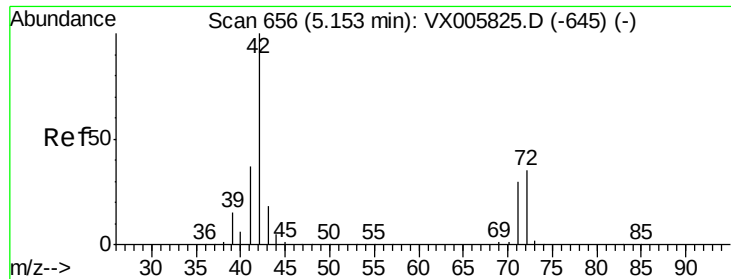
#28
Bromochloromethane
Concen: 0.27 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.20 min
Lab File: VX006010.D
Acq: 15 Nov 2018 08:06

Tgt Ion: 49 Resp: 304
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 58.9 88.3#



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 0.45 ug/l

RT: 5.18 min Scan# 660

Delta R.T. 0.02 min

Lab File: VX006010.D

Acq: 15 Nov 2018 08:06

Instrument :

MSVOA_X

ClientSampleId :

FDSB-05(10-12)

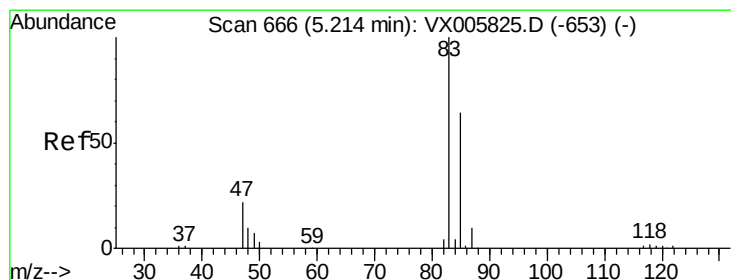
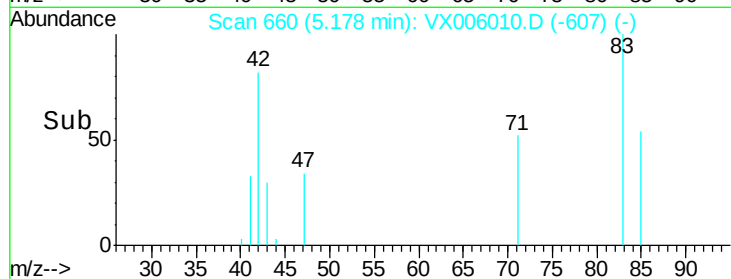
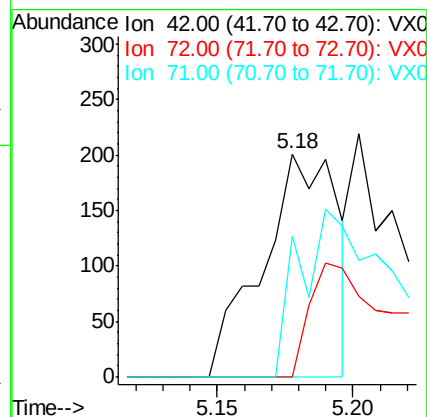
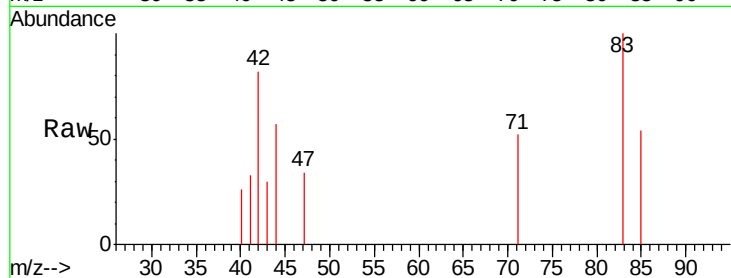
Tgt Ion: 42 Resp: 386

Ion Ratio Lower Upper

42 100

72 48.7 32.0 48.0#

71 106.7 29.8 44.8#



#30

Chloroform

Concen: 1.43 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX006010.D

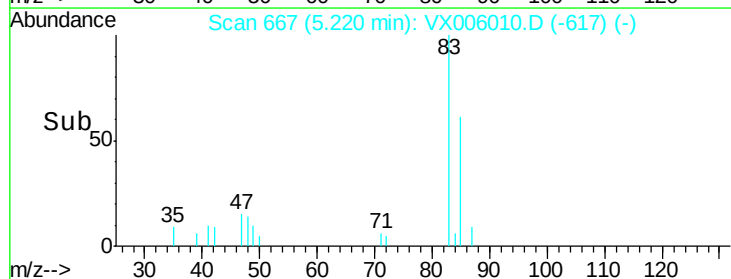
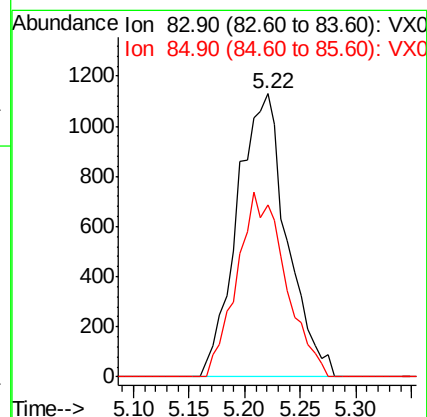
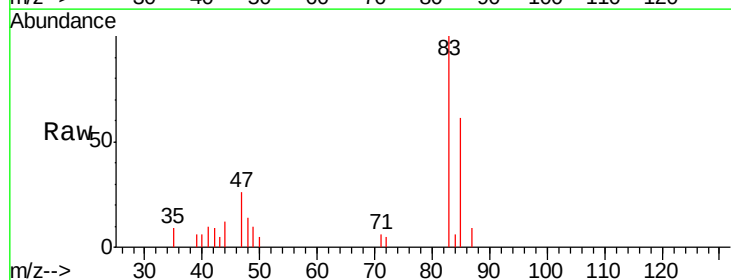
Acq: 15 Nov 2018 08:06

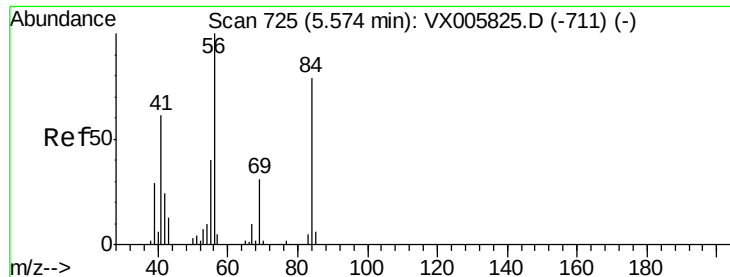
Tgt Ion: 83 Resp: 3513

Ion Ratio Lower Upper

83 100

85 60.9 50.6 76.0

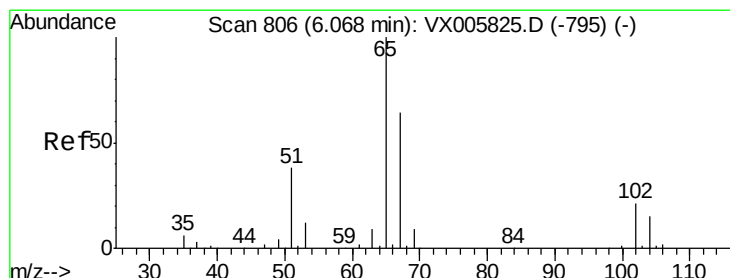
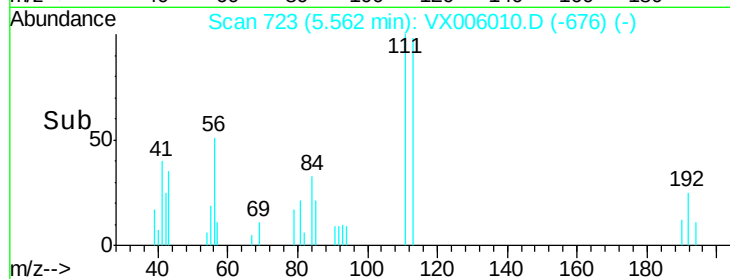
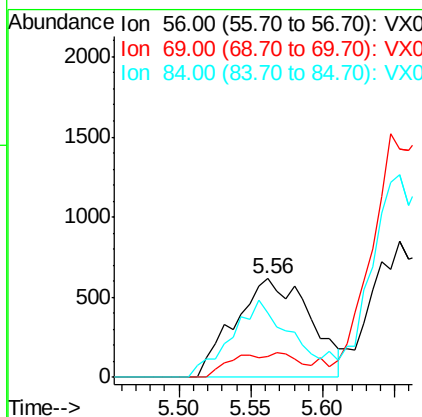
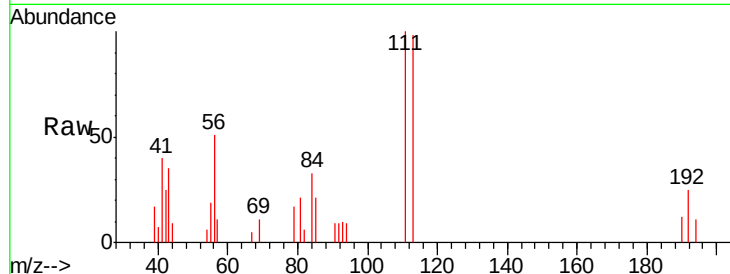




#31
Cyclohexane
Concen: 1.01 ug/l
RT: 5.56 min Scan# 723
Delta R.T. -0.01 min
Lab File: VX006010.D
Acq: 15 Nov 2018 08:06

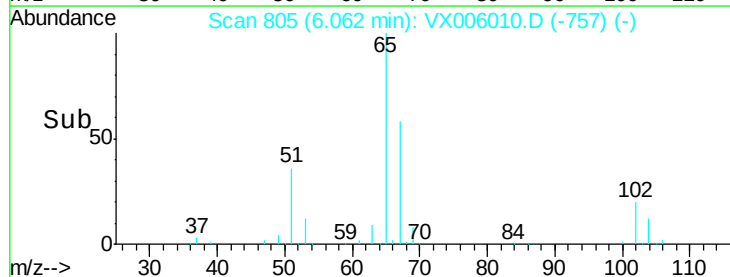
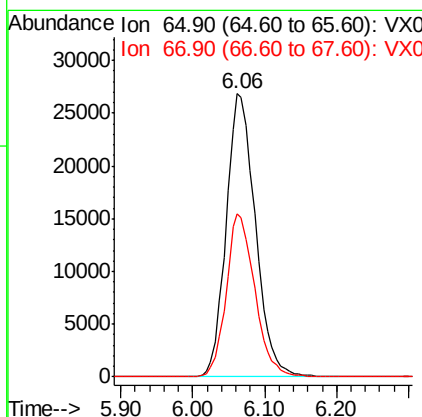
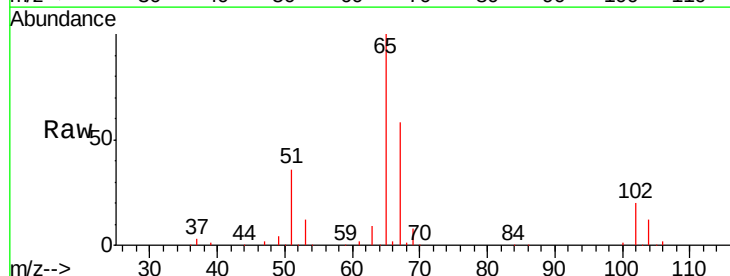
Instrument :
MSVOA_X
ClientSampleId :
FDSB-05(10-12)

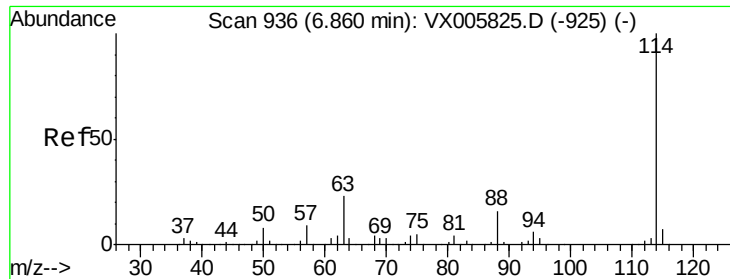
Tgt Ion: 56 Resp: 2231
Ion Ratio Lower Upper
56 100
69 20.7 22.6 34.0#
84 65.3 62.7 94.1



#33
1,2-Dichloroethane-d4
Concen: 47.92 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX006010.D
Acq: 15 Nov 2018 08:06

Tgt Ion: 65 Resp: 75866
Ion Ratio Lower Upper
65 100
67 55.9 0.0 105.0

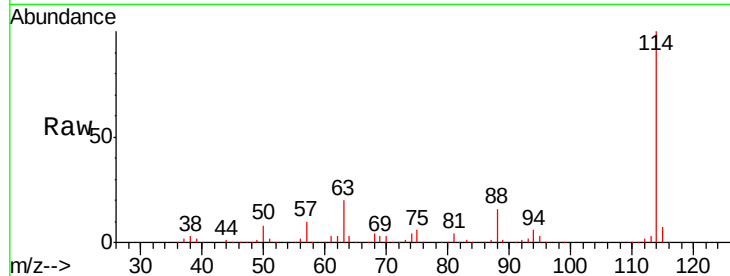




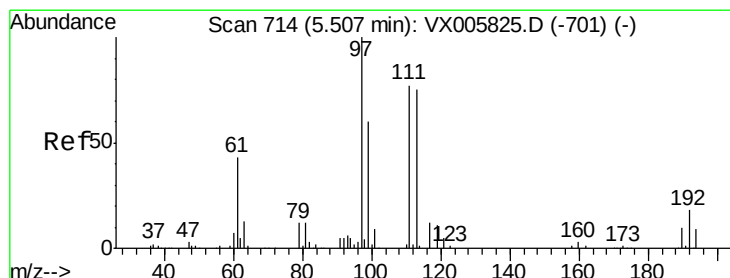
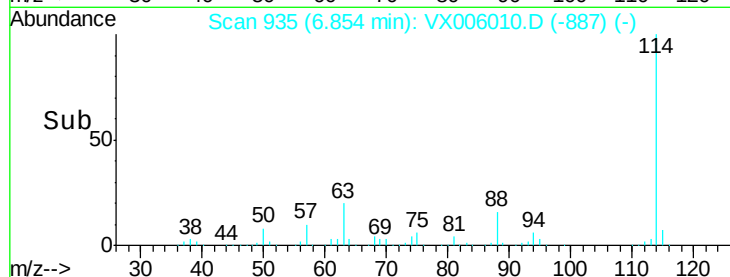
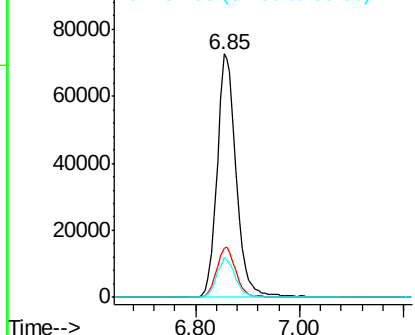
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX006010.D
 Acq: 15 Nov 2018 08:06

Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-05(10-12)

Tgt Ion:114 Resp: 188106
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 42.8
 88 16.2 0.0 31.2

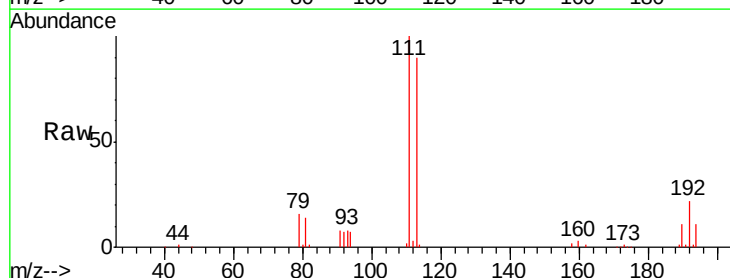


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

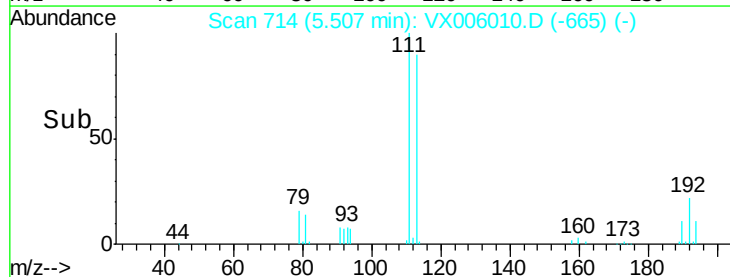
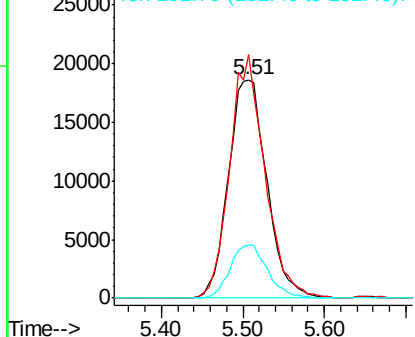


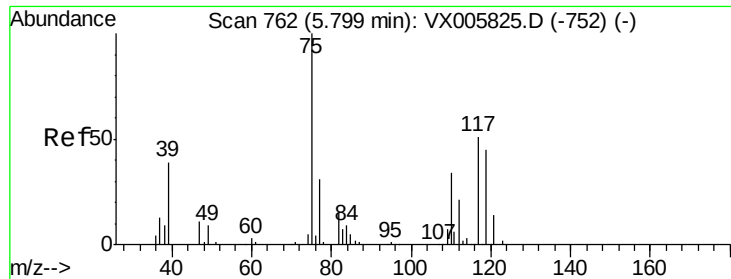
#35
 Dibromofluoromethane
 Concen: 47.37 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: VX006010.D
 Acq: 15 Nov 2018 08:06

Tgt Ion:113 Resp: 60605
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.3 123.5
 192 23.7 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

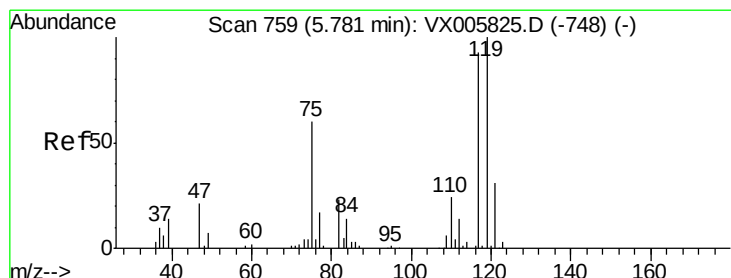
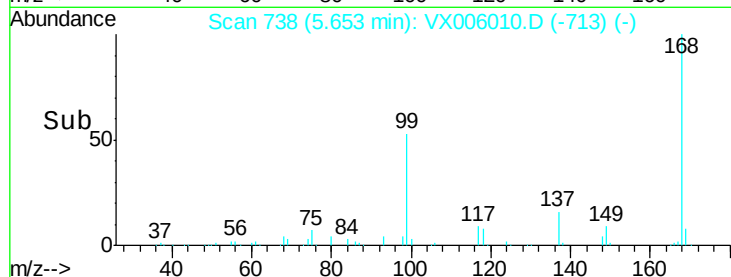
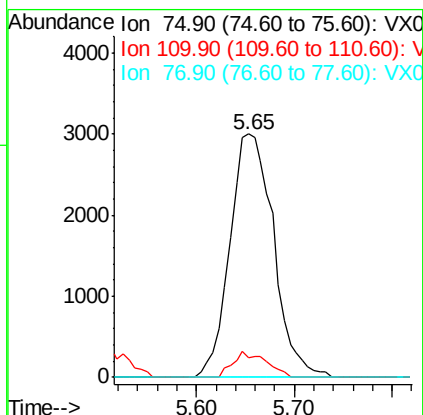
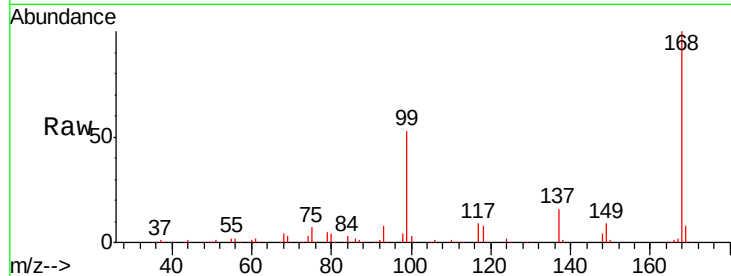




#36
 1,1-Dichloropropene
 Concen: 5.13 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.15 min
 Lab File: VX006010.D
 Acq: 15 Nov 2018 08:06

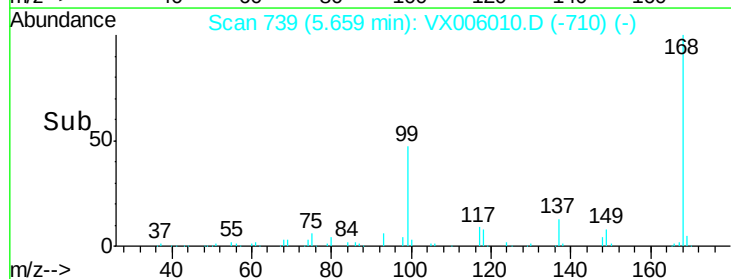
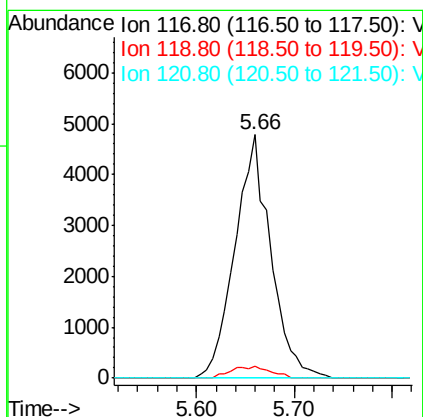
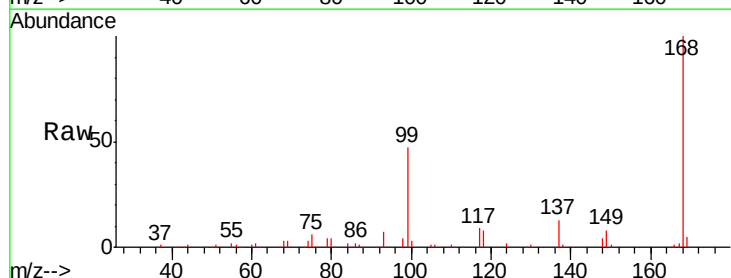
Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-05(10-12)

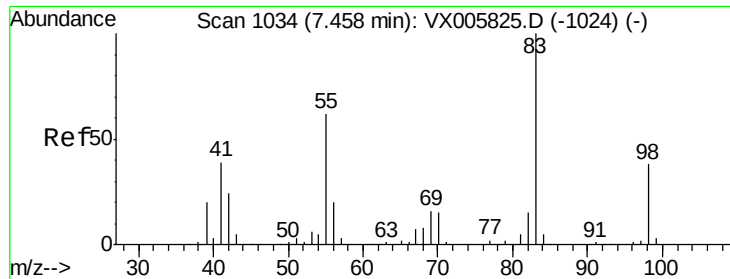
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.1	17.4	52.2#
77	0.0	25.8	38.6#



#38
 Carbon Tetrachloride
 Concen: 6.68 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.12 min
 Lab File: VX006010.D
 Acq: 15 Nov 2018 08:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.9	78.1	117.1#
121	0.0	24.6	36.8#

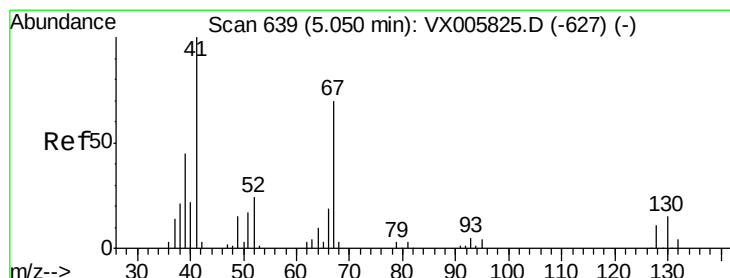
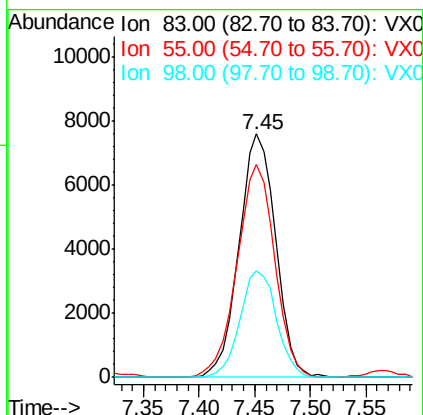
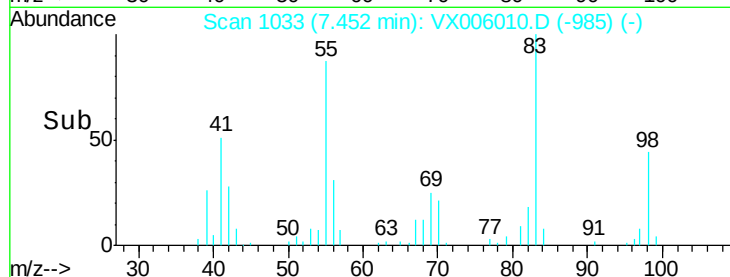
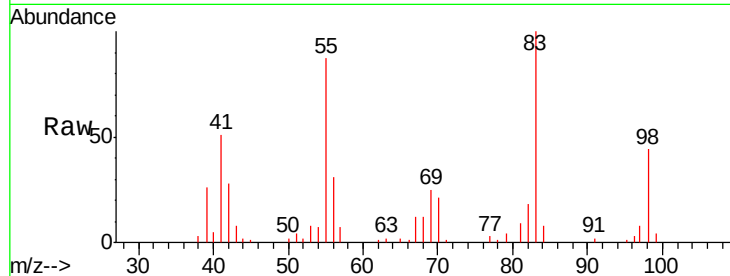




#39
 Methylcyclohexane
 Concen: 9.45 ug/l
 RT: 7.45 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: VX006010.D
 Acq: 15 Nov 2018 08:06

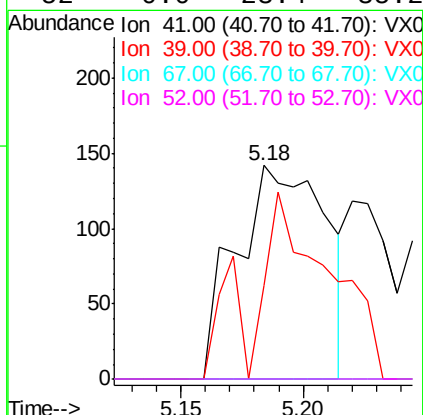
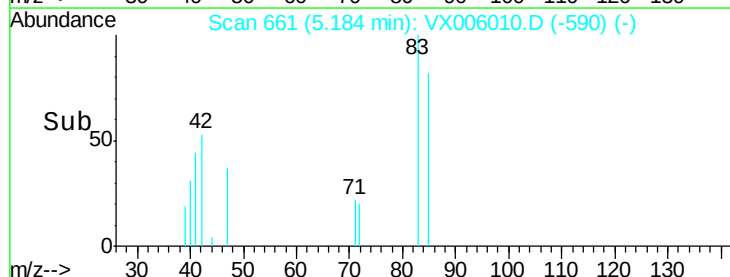
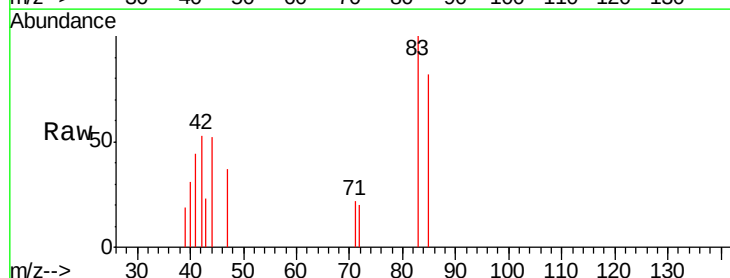
Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-05(10-12)

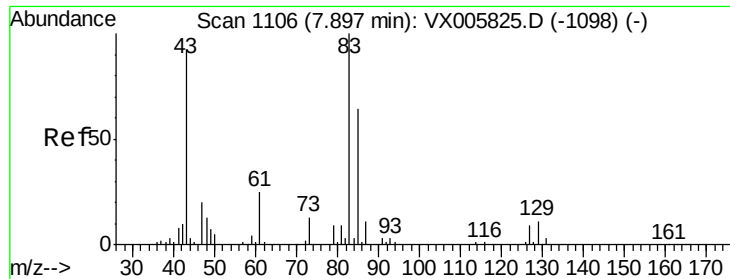
Tgt Ion: 83 Resp: 17364
 Ion Ratio Lower Upper
 83 100
 55 87.3 63.7 95.5
 98 43.7 36.2 54.2



#41
 Methacrylonitrile
 Concen: 0.28 ug/l
 RT: 5.18 min Scan# 661
 Delta R.T. 0.13 min
 Lab File: VX006010.D
 Acq: 15 Nov 2018 08:06

Tgt Ion: 41 Resp: 363
 Ion Ratio Lower Upper
 41 100
 39 61.7 42.2 63.2
 67 0.0 53.4 80.0#
 52 0.0 23.4 35.2#





#47

Bromodichloromethane

Concen: 0.22 ug/l

RT: 7.91 min Scan# 1108

Delta R.T. 0.01 min

Lab File: VX006010.D

Acq: 15 Nov 2018 08:06

Instrument :

MSVOA_X

ClientSampleId :

FDSB-05(10-12)

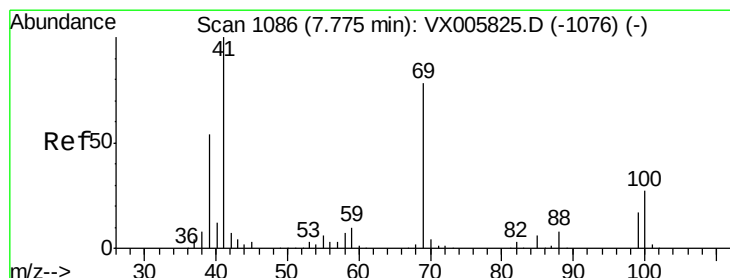
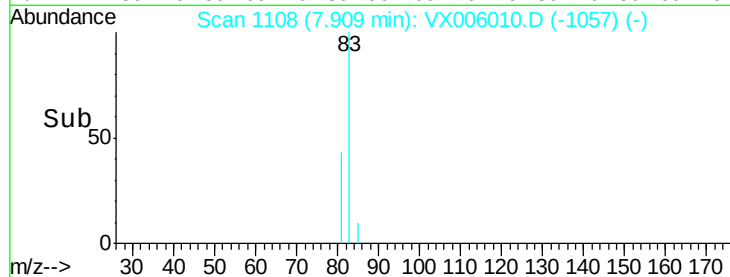
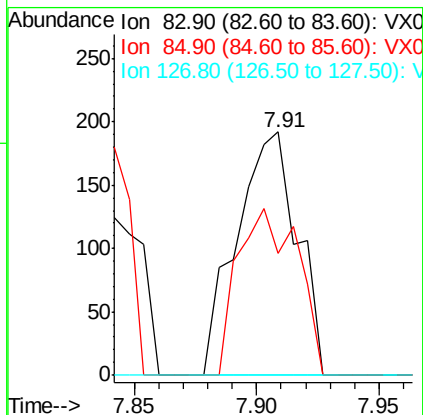
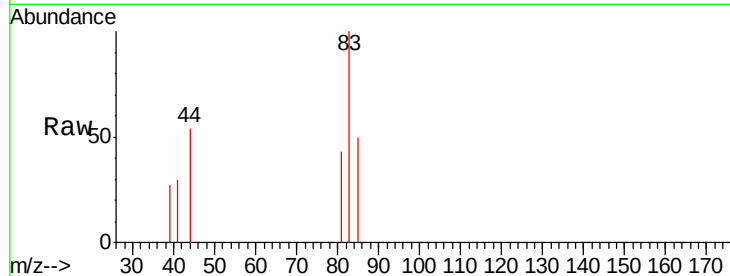
Tgt Ion: 83 Resp: 332

Ion Ratio Lower Upper

83 100

85 50.0 50.2 75.4#

127 0.0 6.9 10.3#



#48

Methyl methacrylate

Concen: 0.85 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.04 min

Lab File: VX006010.D

Acq: 15 Nov 2018 08:06

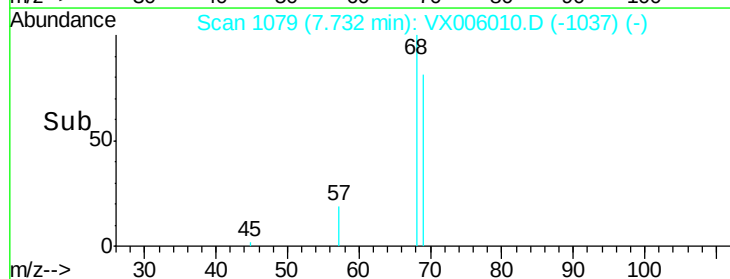
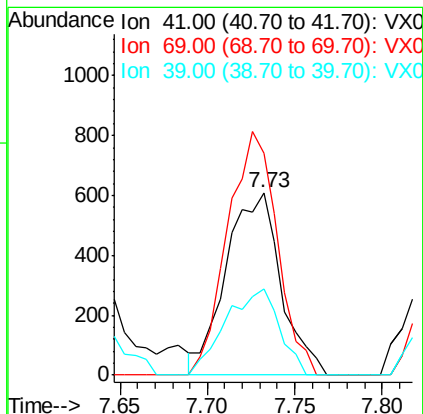
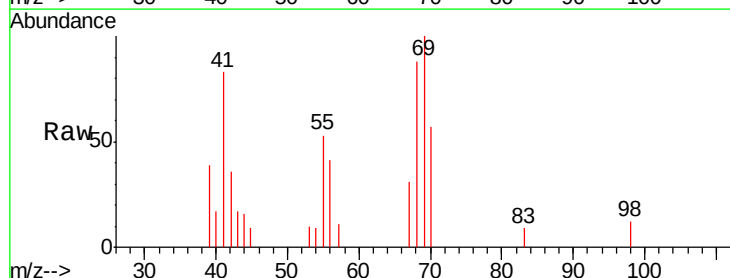
Tgt Ion: 41 Resp: 1326

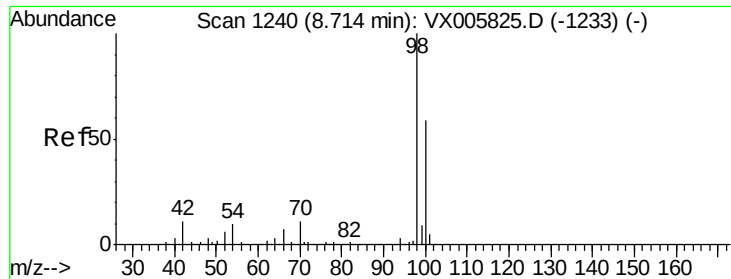
Ion Ratio Lower Upper

41 100

69 120.7 63.2 94.8#

39 46.3 42.2 63.2

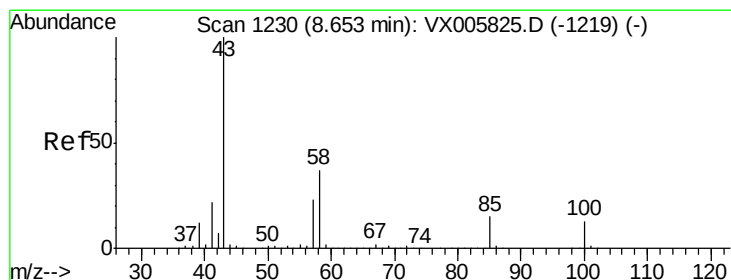
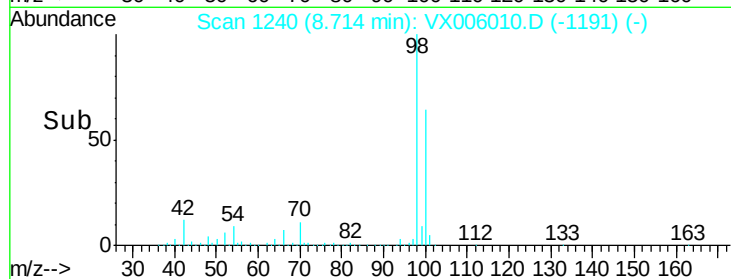
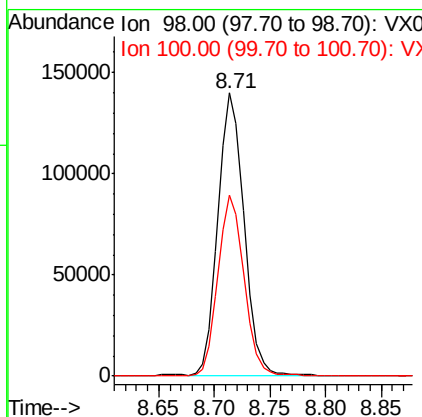
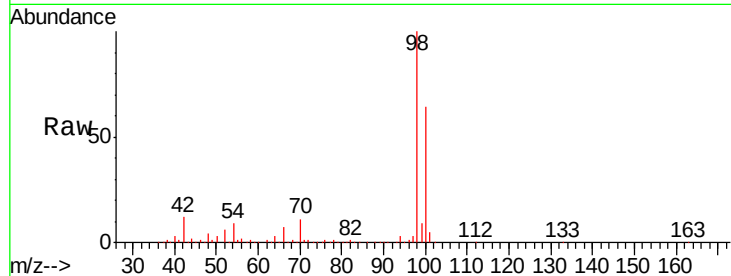




#50
Toluene-d8
Concen: 53.41 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006010.D
Acq: 15 Nov 2018 08:06

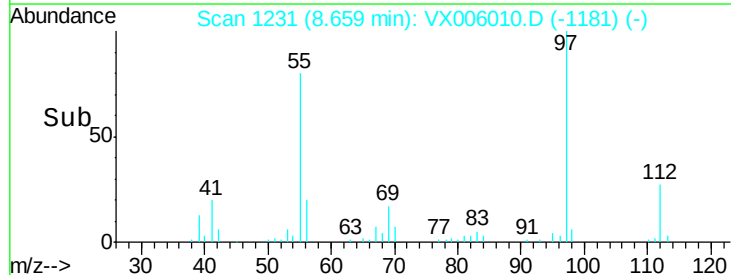
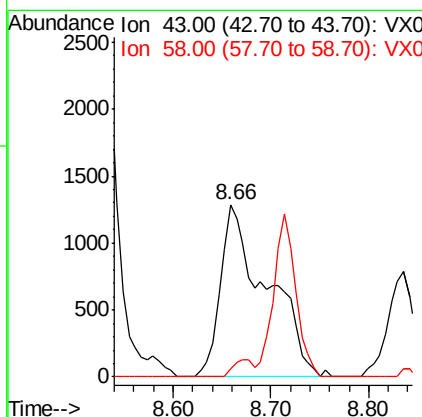
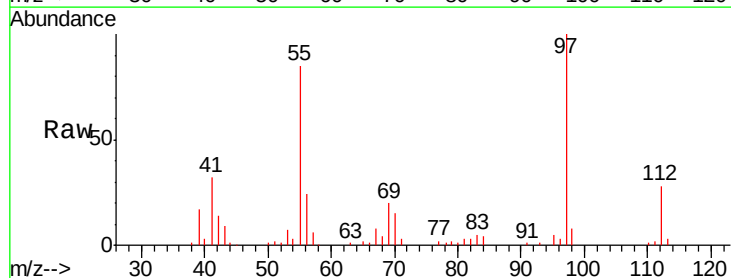
Instrument :
MSVOA_X
ClientSampleId :
FDSB-05(10-12)

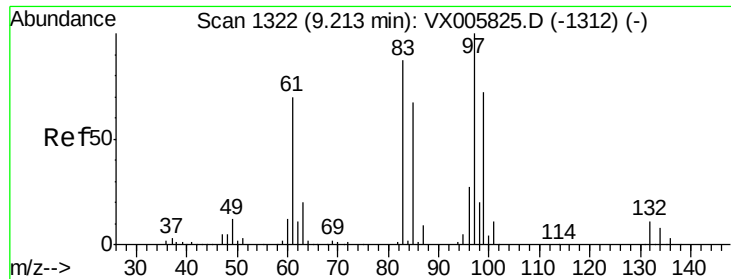
Tgt Ion: 98 Resp: 227196
Ion Ratio Lower Upper
98 100
100 64.5 51.3 76.9



#51
4-Methyl-2-Pentanone
Concen: 1.95 ug/l
RT: 8.66 min Scan# 1231
Delta R.T. 0.01 min
Lab File: VX006010.D
Acq: 15 Nov 2018 08:06

Tgt Ion: 43 Resp: 4241
Ion Ratio Lower Upper
43 100
58 4.2 29.7 44.5#

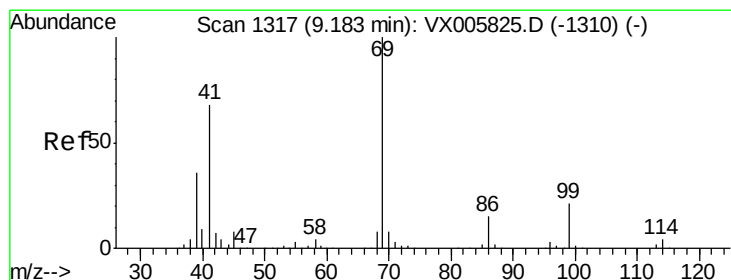
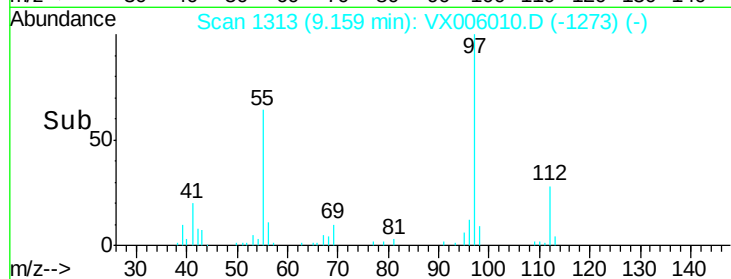
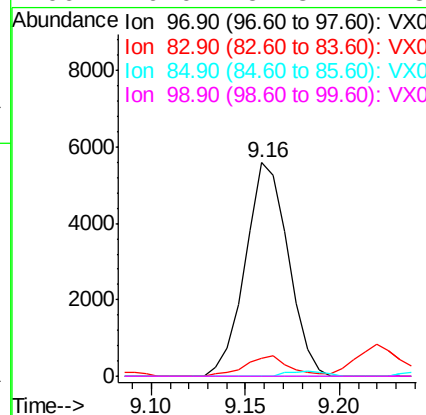
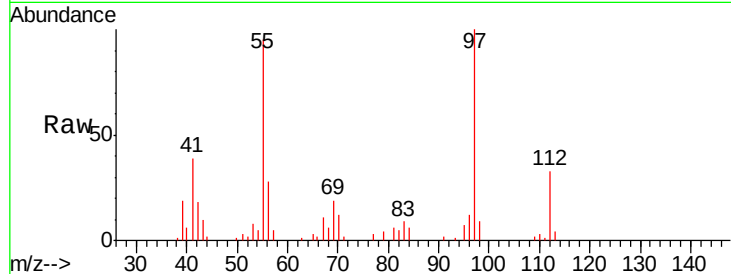




#55
 1,1,2-Trichloroethane
 Concen: 6.70 ug/l
 RT: 9.16 min Scan# 1313
 Delta R.T. -0.05 min
 Lab File: VX006010.D
 Acq: 15 Nov 2018 08:06

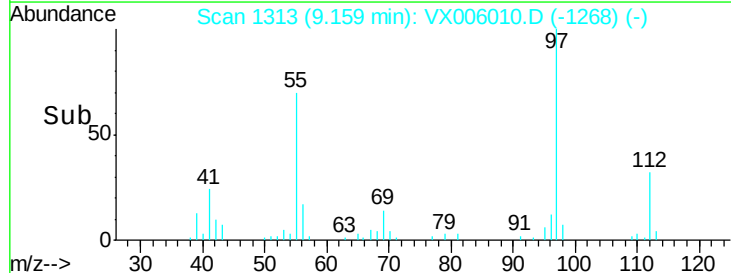
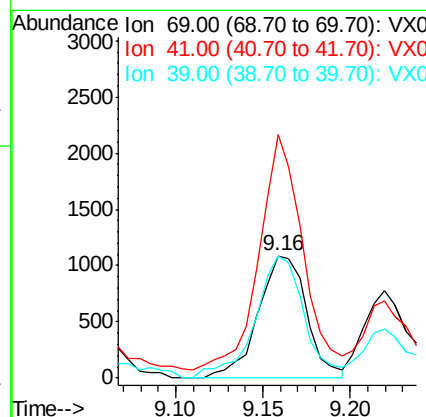
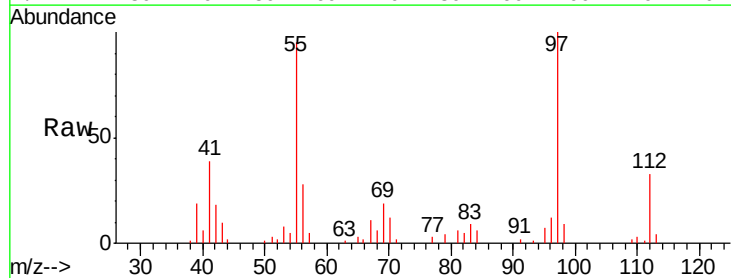
Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-05(10-12)

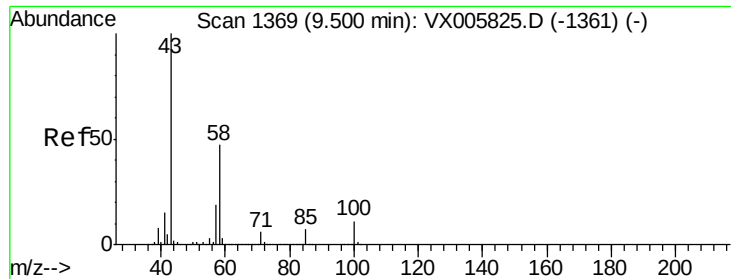
Tgt Ion: 97 Resp: 8821
 Ion Ratio Lower Upper
 97 100
 83 8.6 70.7 106.1#
 85 0.0 45.8 68.6#
 99 0.0 51.8 77.8#



#56
 Ethyl methacrylate
 Concen: 1.06 ug/l
 RT: 9.16 min Scan# 1313
 Delta R.T. -0.02 min
 Lab File: VX006010.D
 Acq: 15 Nov 2018 08:06

Tgt Ion: 69 Resp: 2090
 Ion Ratio Lower Upper
 69 100
 41 169.8 57.0 85.6#
 39 100.9 28.3 42.5#

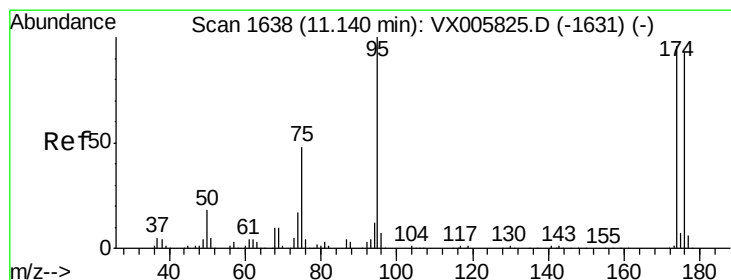
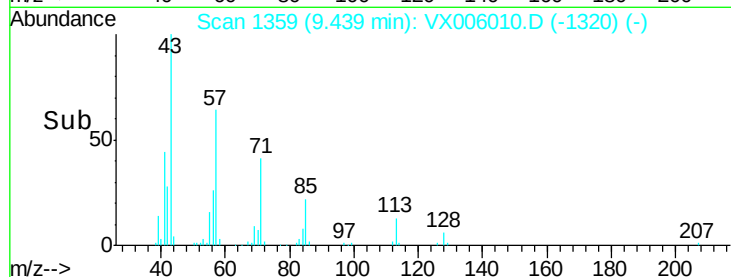
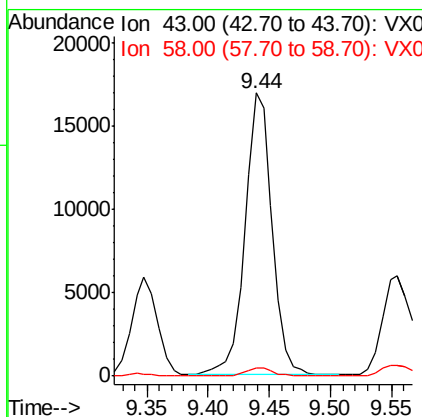
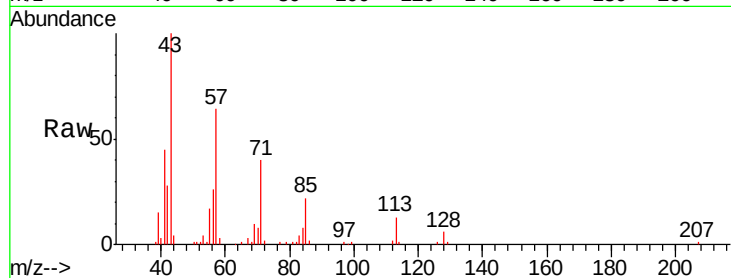




#59
 2-Hexanone
 Concen: 13.55 ug/l
 RT: 9.44 min Scan# 1359
 Delta R.T. -0.06 min
 Lab File: VX006010.D
 Acq: 15 Nov 2018 08:06

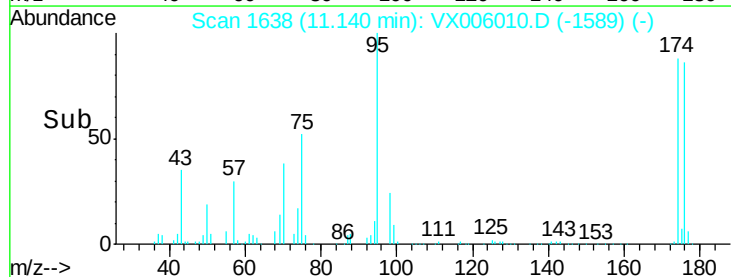
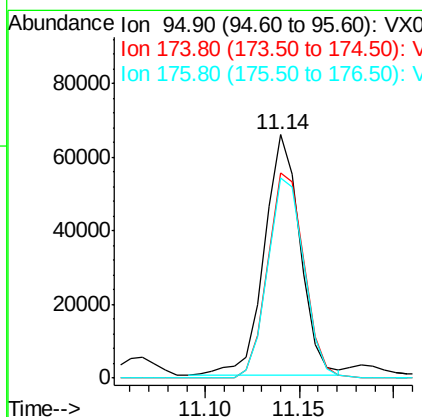
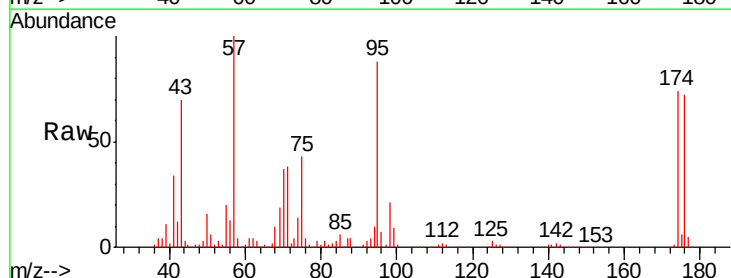
Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-05(10-12)

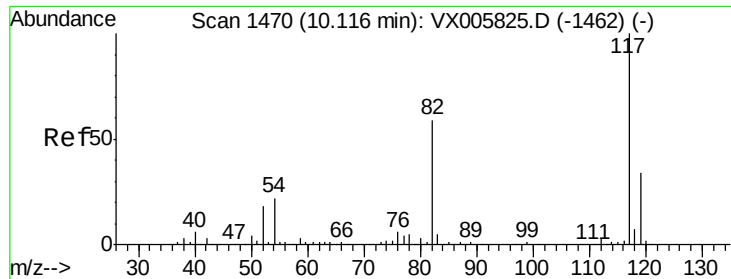
Tgt Ion: 43 Resp: 26019
 Ion Ratio Lower Upper
 43 100
 58 3.1 25.9 77.8#



#62
 4-Bromofluorobenzene
 Concen: 56.75 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: VX006010.D
 Acq: 15 Nov 2018 08:06

Tgt Ion: 95 Resp: 86781
 Ion Ratio Lower Upper
 95 100
 174 86.4 0.0 184.4
 176 84.5 0.0 177.4

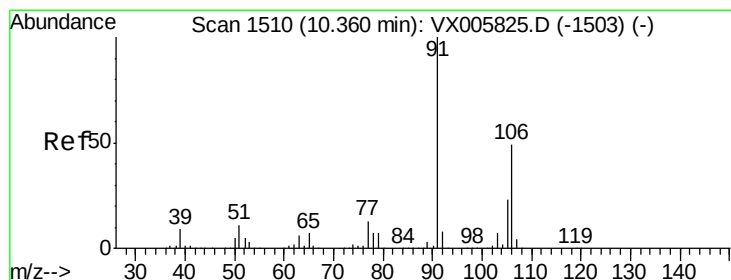
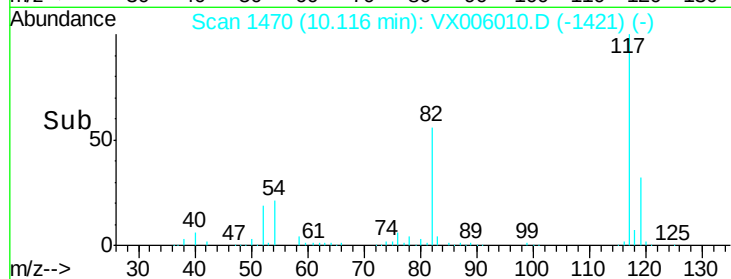
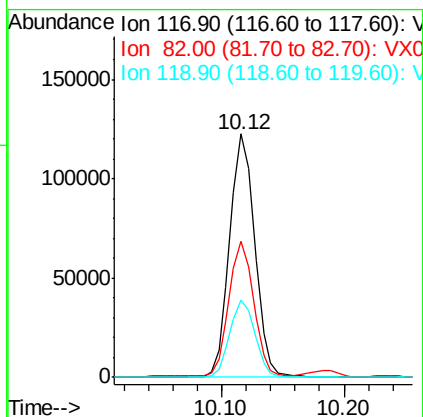
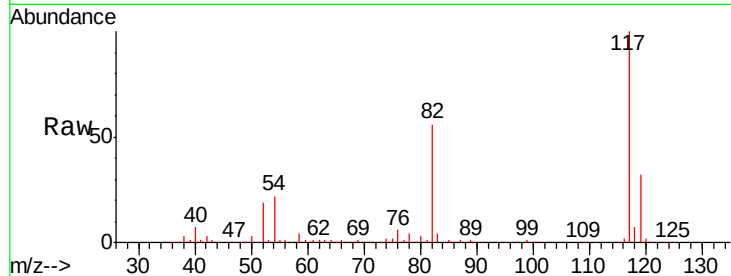




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006010.D
Acq: 15 Nov 2018 08:06

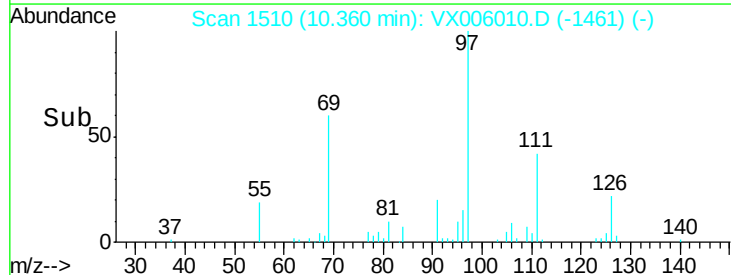
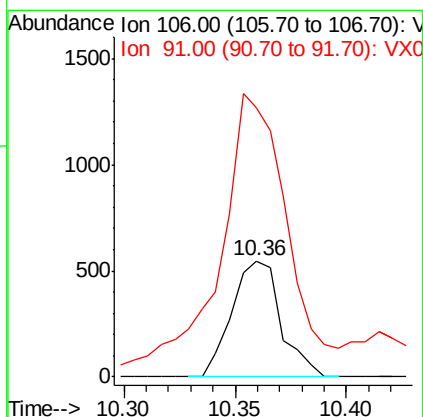
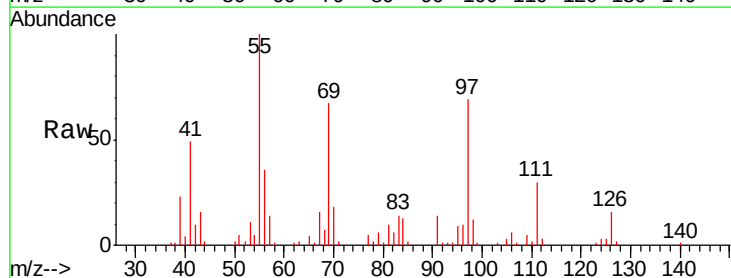
Instrument :
MSVOA_X
ClientSampleId :
FDSB-05(10-12)

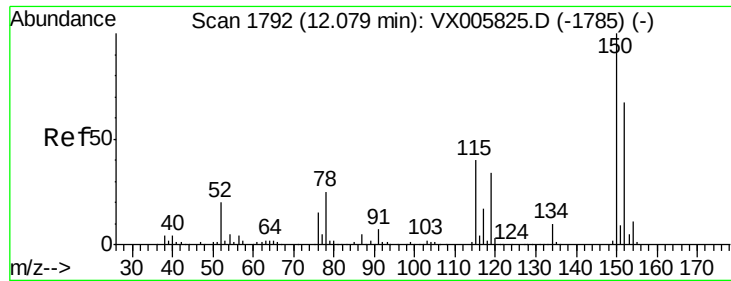
Tgt Ion:117 Resp: 174478
Ion Ratio Lower Upper
117 100
82 55.3 44.1 66.1
119 31.7 26.2 39.2



#68
m/p-Xylenes
Concen: 0.39 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006010.D
Acq: 15 Nov 2018 08:06

Tgt Ion:106 Resp: 838
Ion Ratio Lower Upper
106 100
91 307.0 164.2 246.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006010.D

Acq: 15 Nov 2018 08:06

Instrument :

MSVOA_X

ClientSampled :

FDSB-05(10-12)

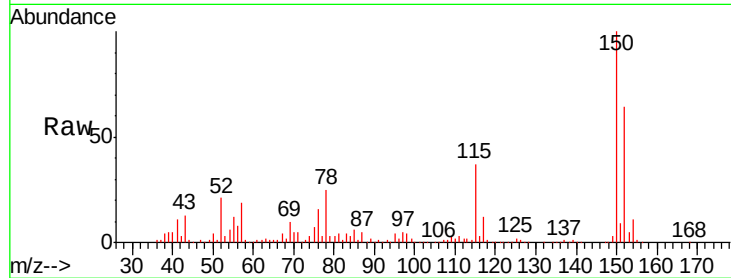
Tgt Ion:152 Resp: 91108

Ion Ratio Lower Upper

152 100

115 56.0 39.4 118.1

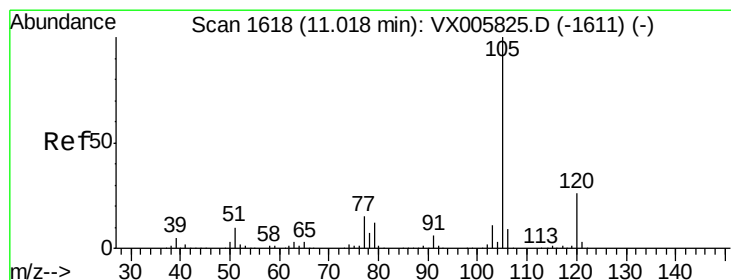
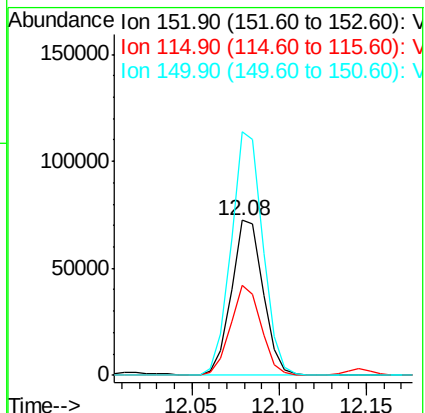
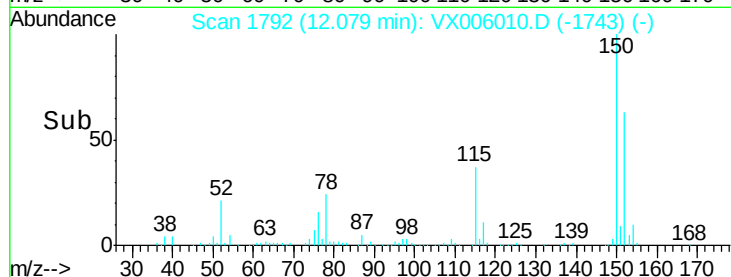
150 157.6 0.0 346.4



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: 3.65 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006010.D

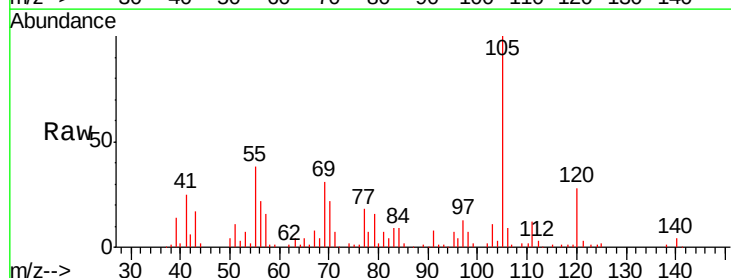
Acq: 15 Nov 2018 08:06

Tgt Ion:105 Resp: 19253

Ion Ratio Lower Upper

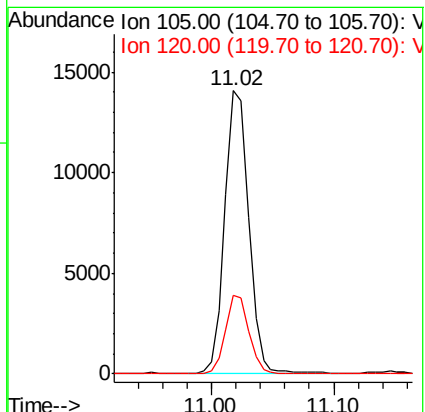
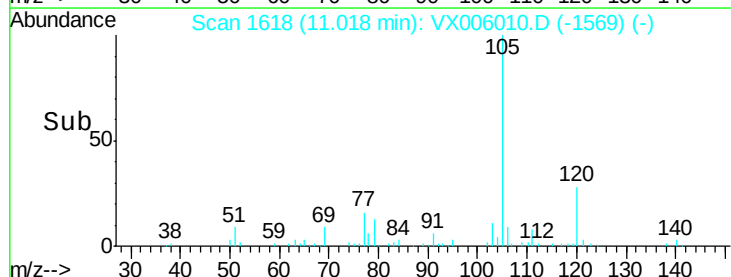
105 100

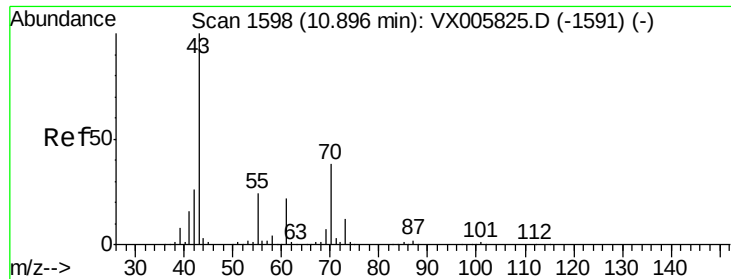
120 26.8 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 11.03 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX006010.D

Acq: 15 Nov 2018 08:06

Instrument :

MSVOA_X

ClientSampleId :

FDSB-05(10-12)

Tgt Ion: 43 Resp: 29661

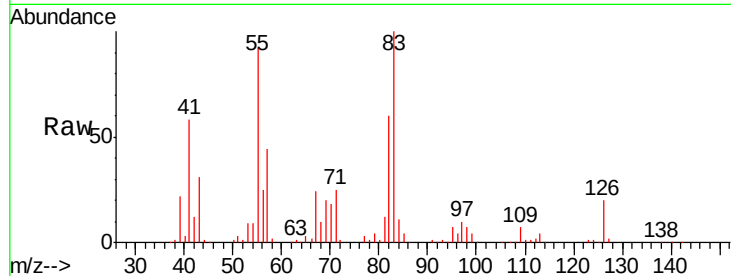
Ion Ratio Lower Upper

43 100

70 74.3 31.6 47.4#

55 236.4 19.7 29.5#

61 0.0 18.3 27.5#

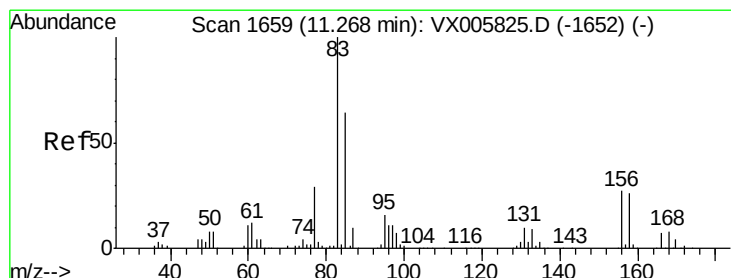
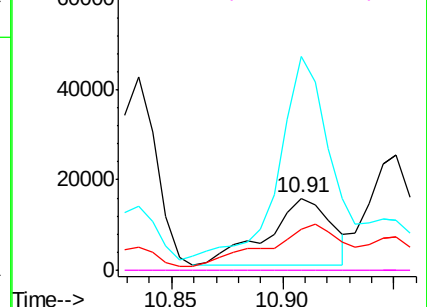
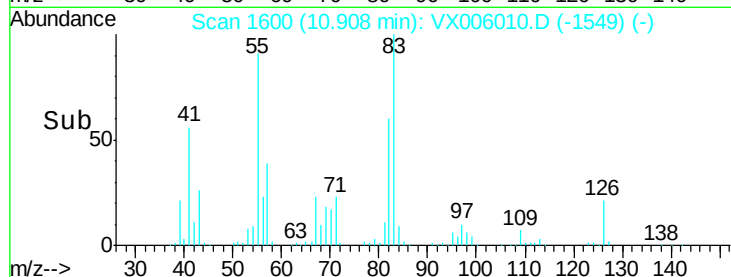


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 7.93 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX006010.D

Acq: 15 Nov 2018 08:06

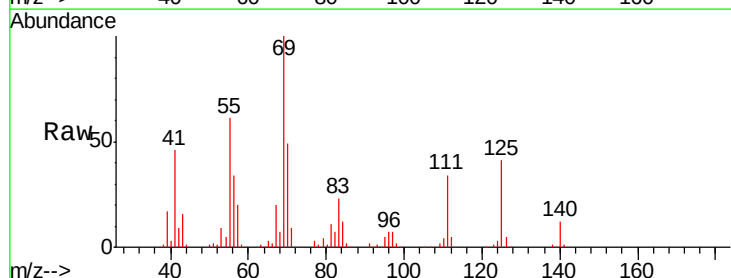
Tgt Ion: 83 Resp: 15332

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

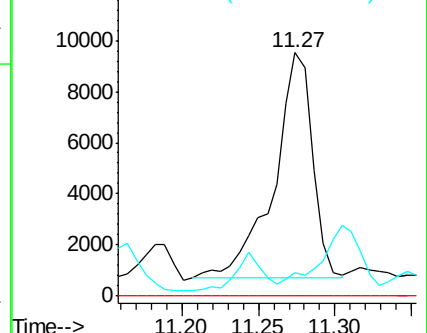
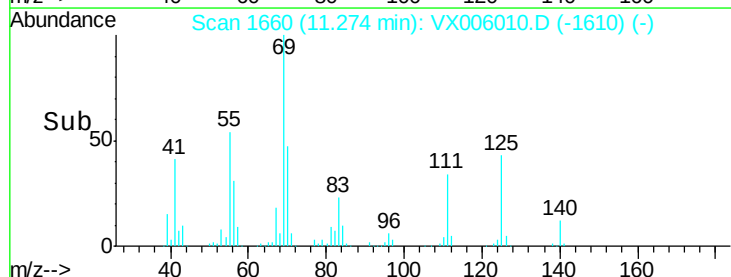
85 0.0 32.0 96.2#

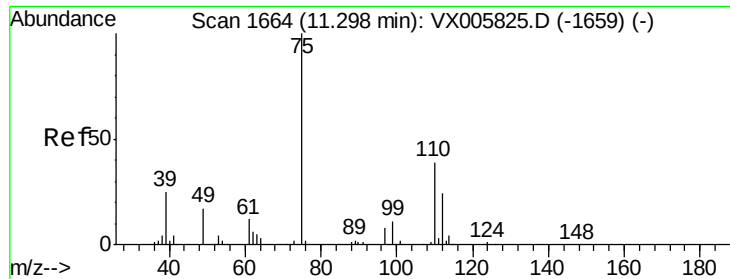


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 22.73 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX006010.D

Acq: 15 Nov 2018 08:06

Instrument :

MSVOA_X

ClientSampleId :

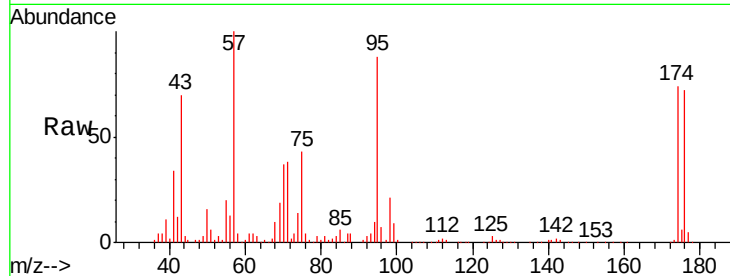
FDSB-05(10-12)

Tgt Ion: 75 Resp: 42173

Ion Ratio Lower Upper

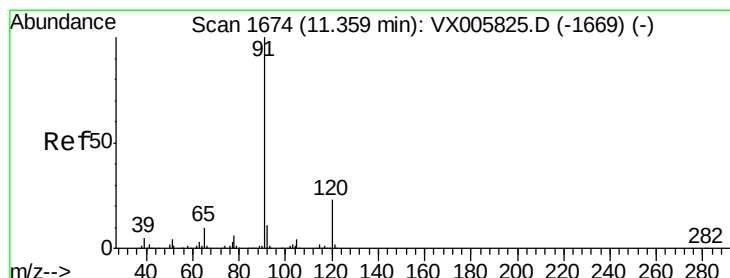
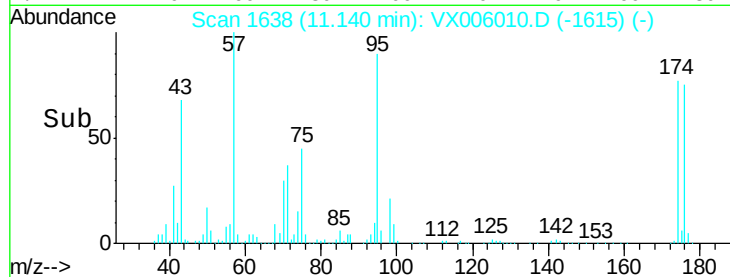
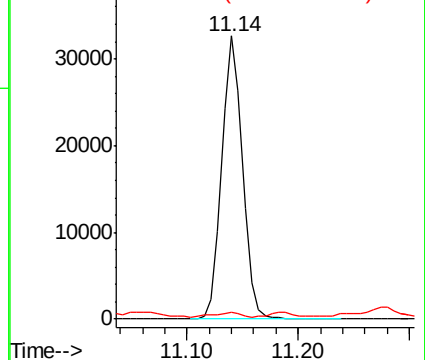
75 100

77 1.9 20.5 61.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 8.64 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006010.D

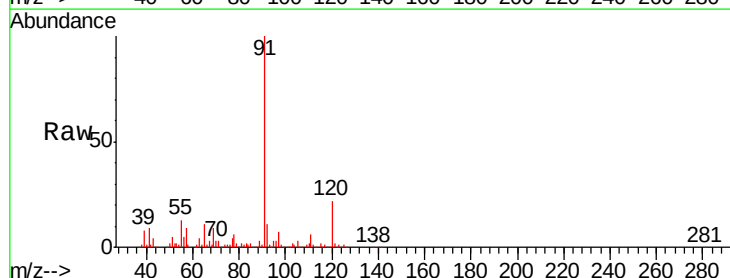
Acq: 15 Nov 2018 08:06

Tgt Ion: 91 Resp: 53633

Ion Ratio Lower Upper

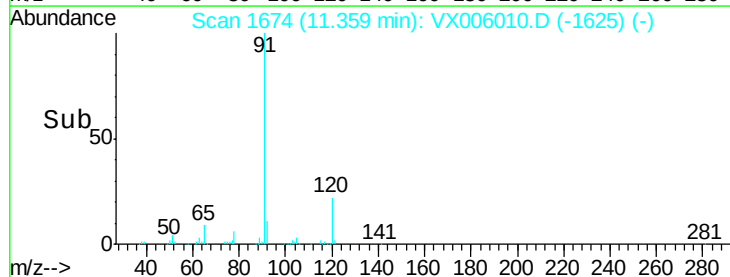
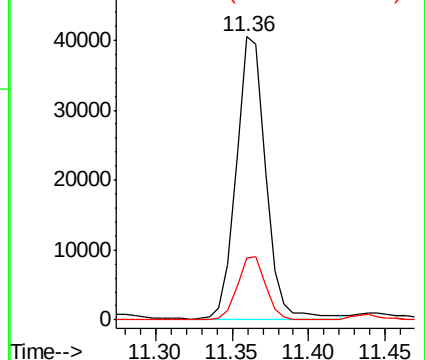
91 100

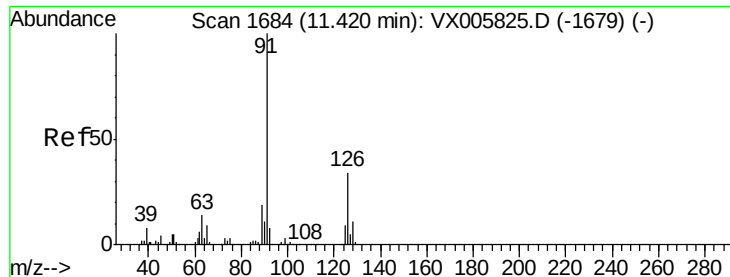
120 21.6 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 14.29 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.06 min

Lab File: VX006010.D

Acq: 15 Nov 2018 08:06

Instrument :

MSVOA_X

ClientSampleId :

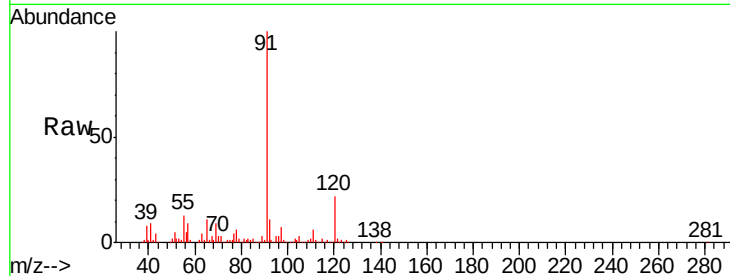
FDSB-05(10-12)

Tgt Ion: 91 Resp: 53633

Ion Ratio Lower Upper

91 100

126 0.3 17.3 52.0#



Abundance Ion 91.00 (90.70 to 91.70): VX005825.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX005825.D (-1679) (-)

11.36

40000

30000

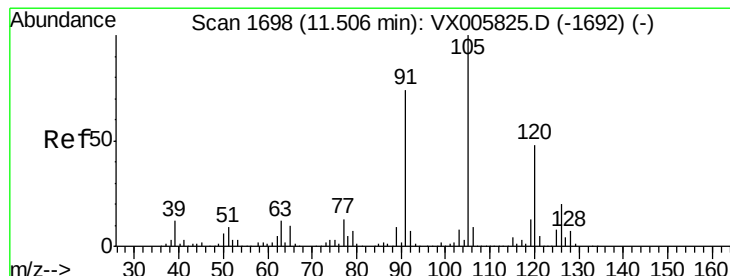
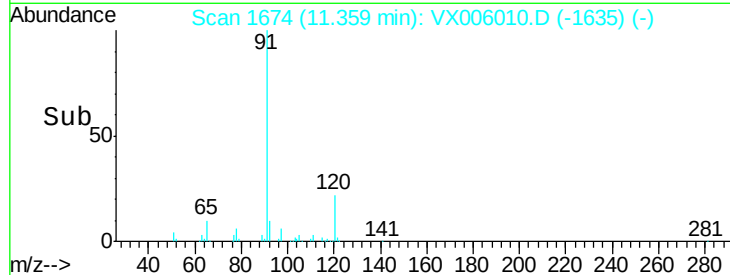
20000

10000

0

11.30 11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 4.26 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006010.D

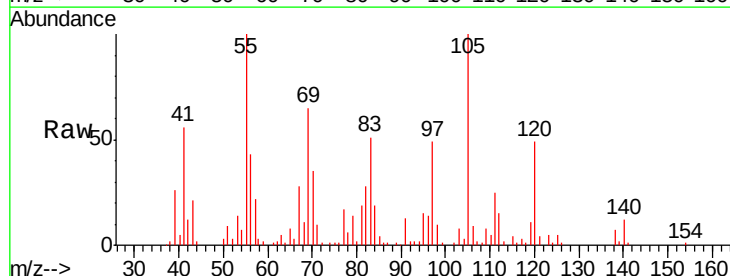
Acq: 15 Nov 2018 08:06

Tgt Ion: 105 Resp: 19054

Ion Ratio Lower Upper

105 100

120 48.8 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VX005825.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX005825.D (-1692) (-)

11.51

15000

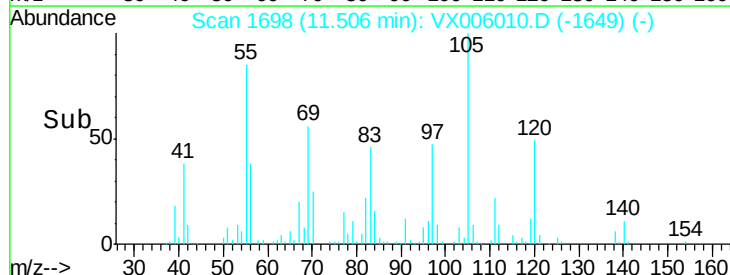
10000

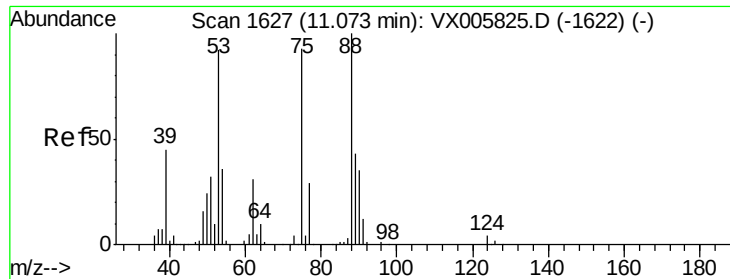
5000

0

11.45 11.50 11.55 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 72.45 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX006010.D

Acq: 15 Nov 2018 08:06

Instrument :

MSVOA_X

ClientSampleId :

FDSB-05(10-12)

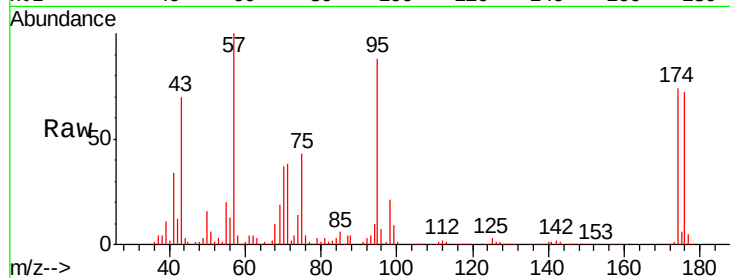
Tgt Ion: 75 Resp: 42173

Ion Ratio Lower Upper

75 100

53 8.3 80.2 120.2#

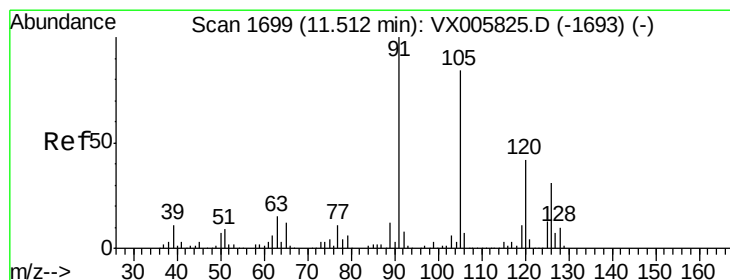
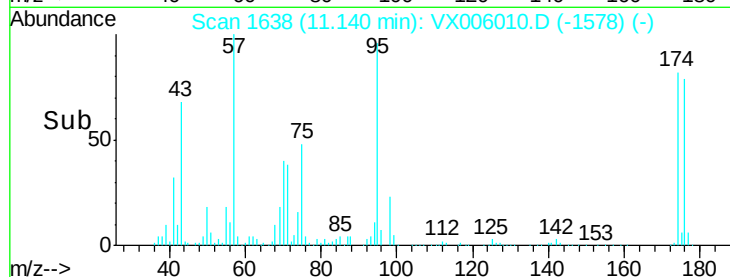
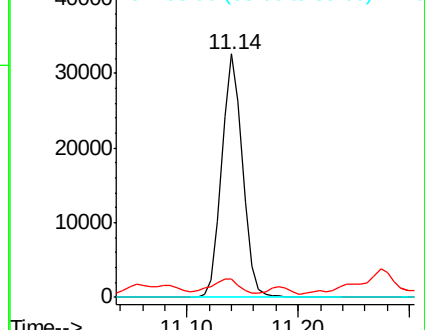
89 0.0 39.8 59.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 0.49 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. 0.26 min

Lab File: VX006010.D

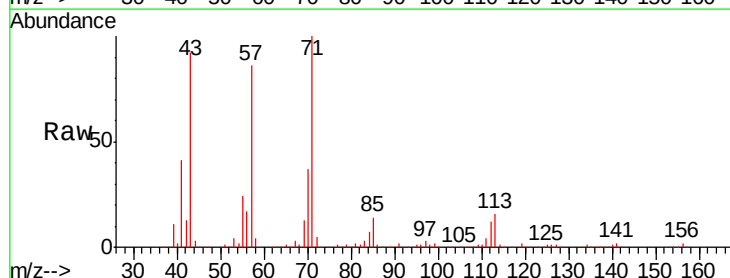
Acq: 15 Nov 2018 08:06

Tgt Ion: 91 Resp: 2171

Ion Ratio Lower Upper

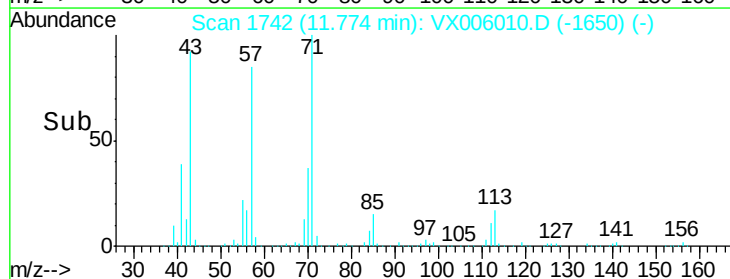
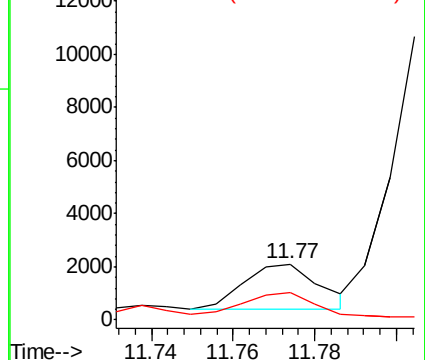
91 100

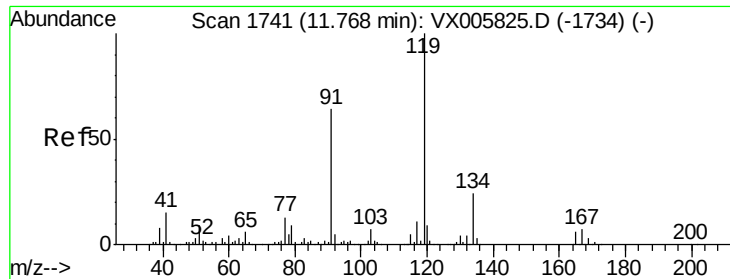
126 41.9 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

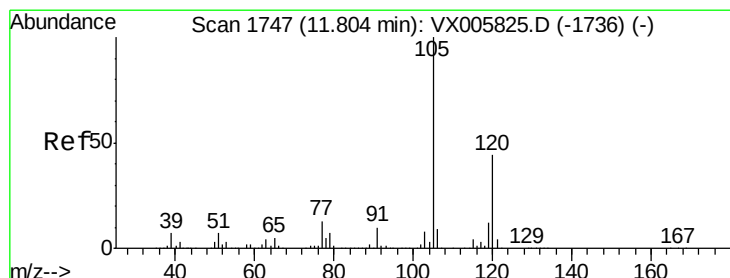
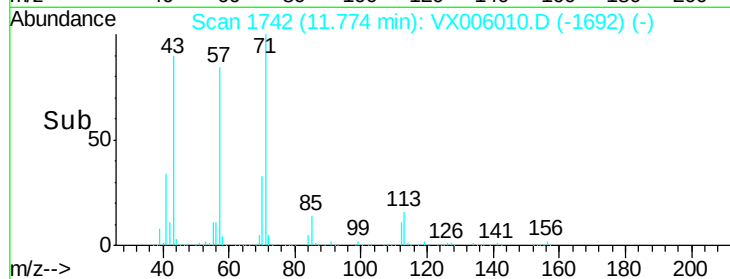
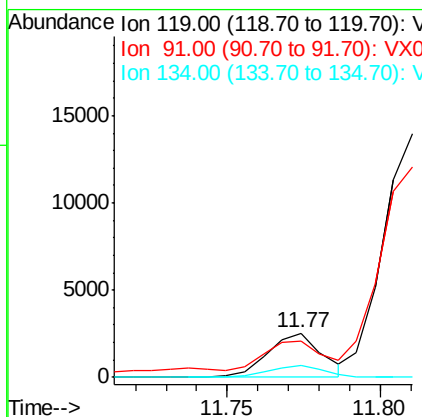
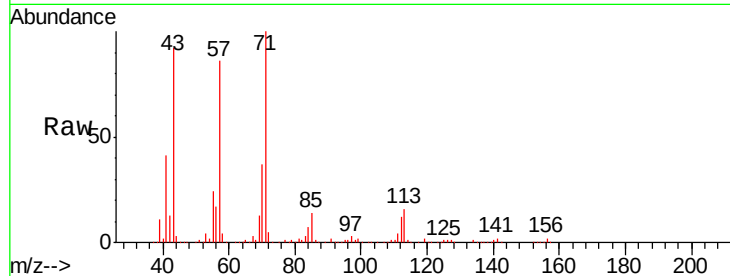




#83
 tert-Butylbenzene
 Concen: 0.68 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.01 min
 Lab File: VX006010.D
 Acq: 15 Nov 2018 08:06

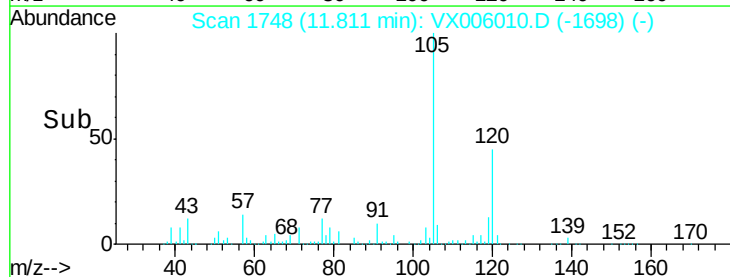
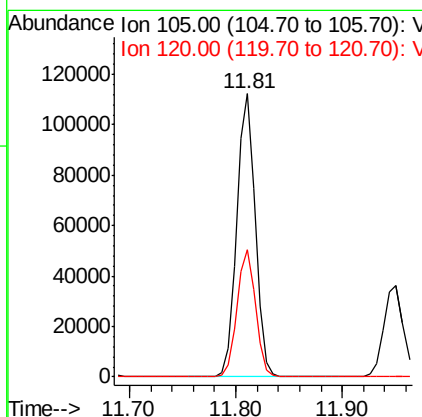
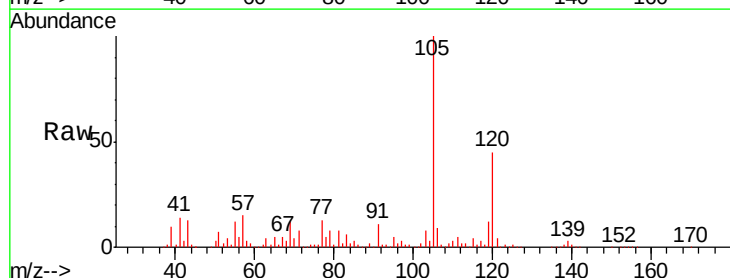
Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-05(10-12)

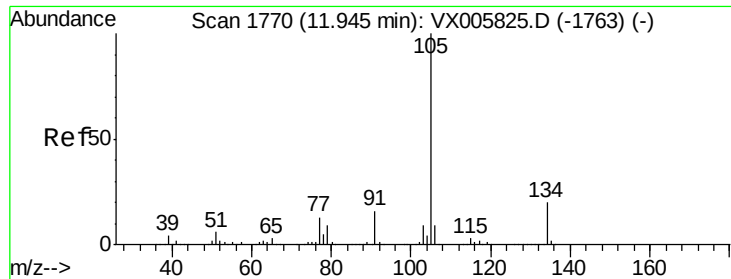
Tgt Ion:119 Resp: 3087
 Ion Ratio Lower Upper
 119 100
 91 70.3 28.5 85.5
 134 28.2 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 27.67 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX006010.D
 Acq: 15 Nov 2018 08:06

Tgt Ion:105 Resp: 136999
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.4 67.0





#85

sec-Butylbenzene

Concen: 8.26 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. 0.01 min

Lab File: VX006010.D

Acq: 15 Nov 2018 08:06

Instrument :

MSVOA_X

ClientSampleId :

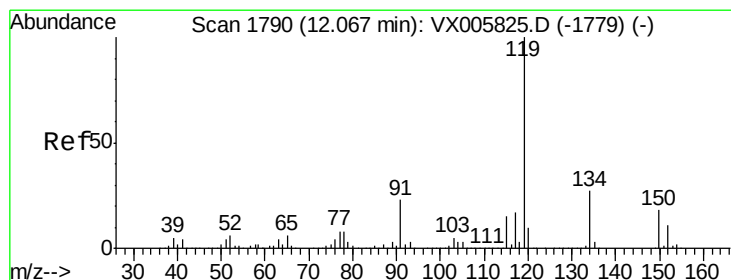
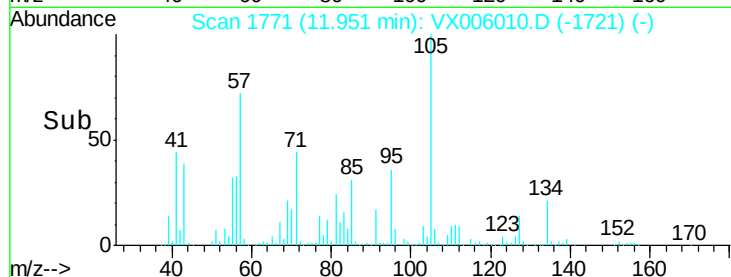
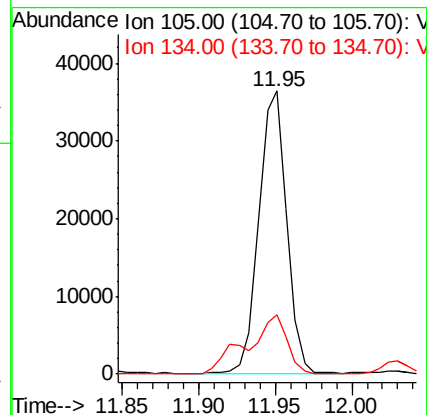
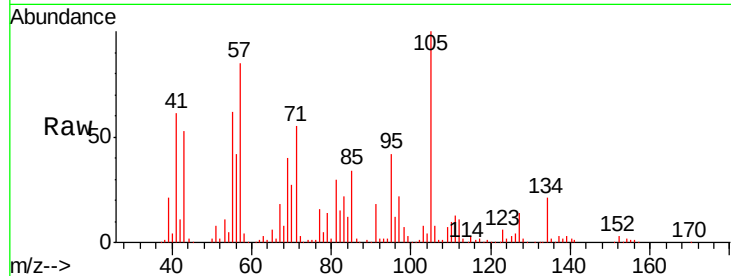
FDSB-05(10-12)

Tgt Ion:105 Resp: 45731

Ion Ratio Lower Upper

105 100

134 30.8 10.2 30.4#



#86

p-Isopropyltoluene

Concen: 1.55 ug/l

RT: 12.03 min Scan# 1784

Delta R.T. -0.04 min

Lab File: VX006010.D

Acq: 15 Nov 2018 08:06

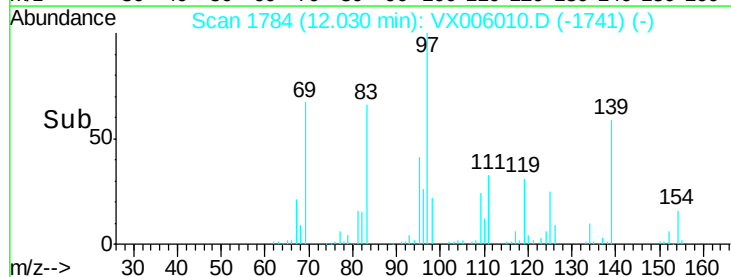
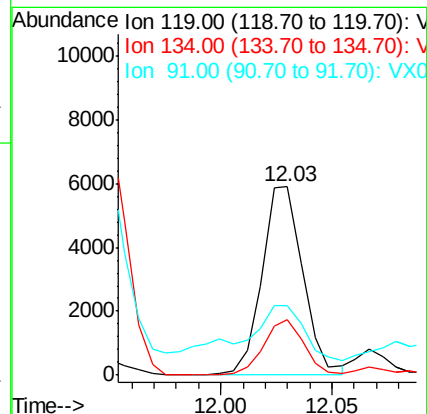
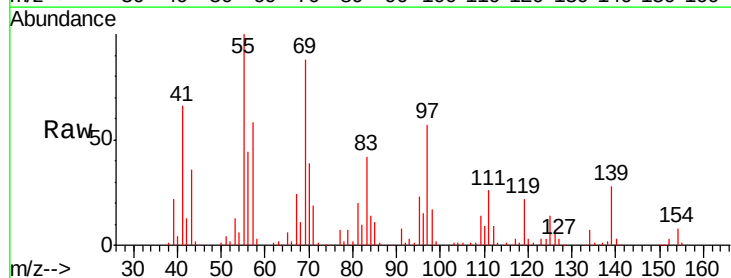
Tgt Ion:119 Resp: 7591

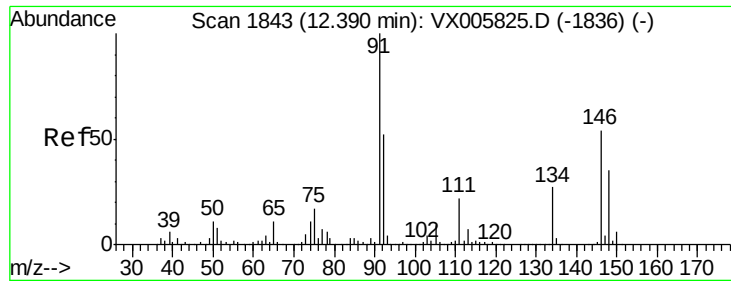
Ion Ratio Lower Upper

119 100

134 29.0 13.0 39.0

91 43.9 11.4 34.2#





#89

n-Butylbenzene

Concen: 15.00 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006010.D

Acq: 15 Nov 2018 08:06

Instrument :

MSVOA_X

ClientSampleId :

FDSB-05(10-12)

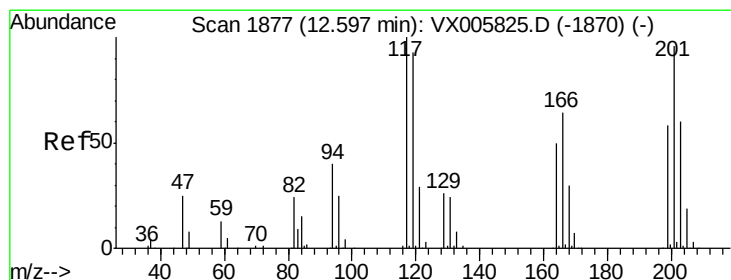
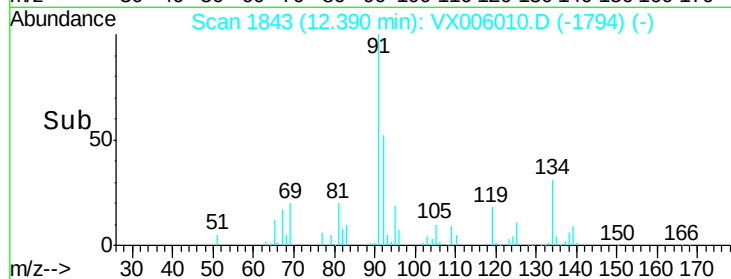
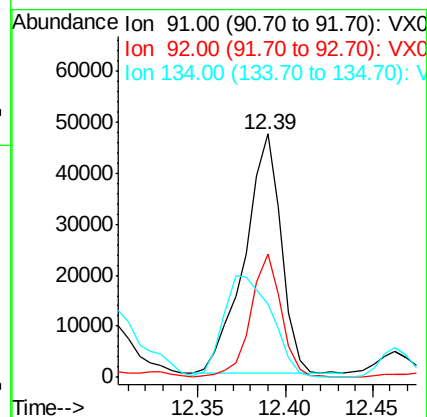
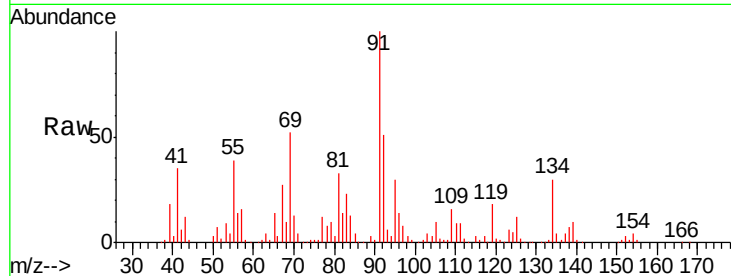
Tgt Ion: 91 Resp: 68190

Ion Ratio Lower Upper

91 100

92 42.6 26.1 78.2

134 56.1 13.1 39.3#



#90

Hexachloroethane

Concen: 9.49 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX006010.D

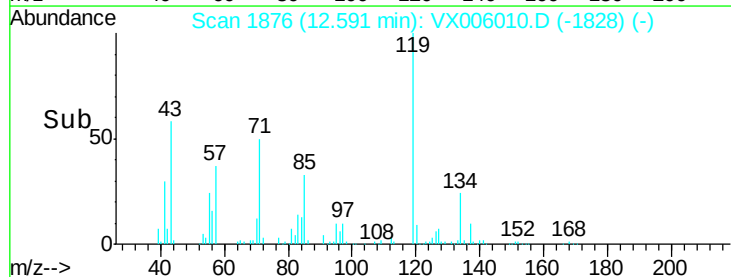
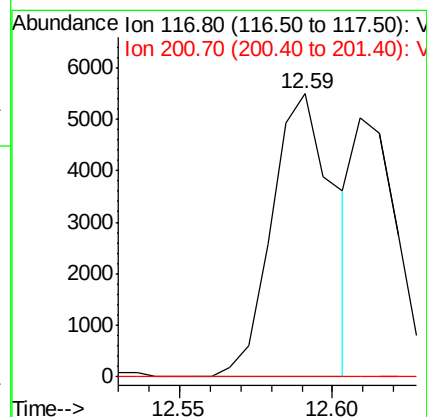
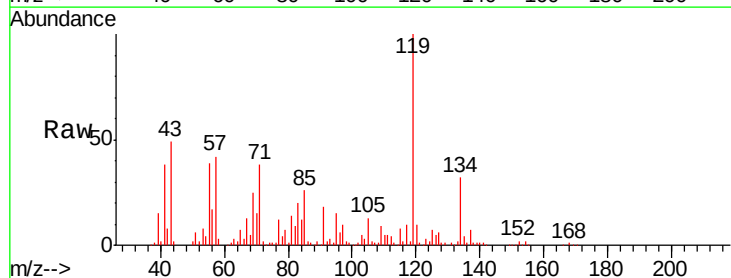
Acq: 15 Nov 2018 08:06

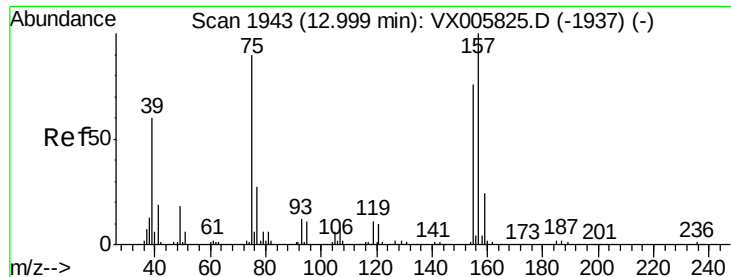
Tgt Ion: 117 Resp: 7770

Ion Ratio Lower Upper

117 100

201 0.0 47.9 143.6#





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.43 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX006010.D

Acq: 15 Nov 2018 08:06

Instrument :

MSVOA_X

ClientSampled :

FDSB-05(10-12)

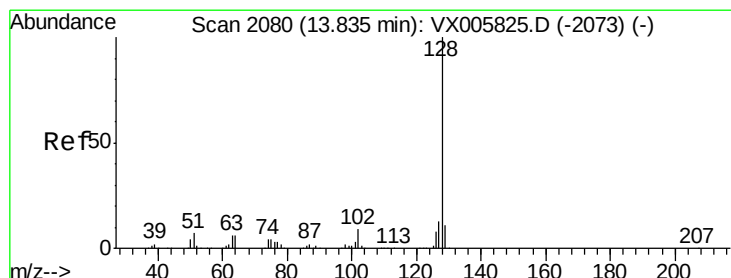
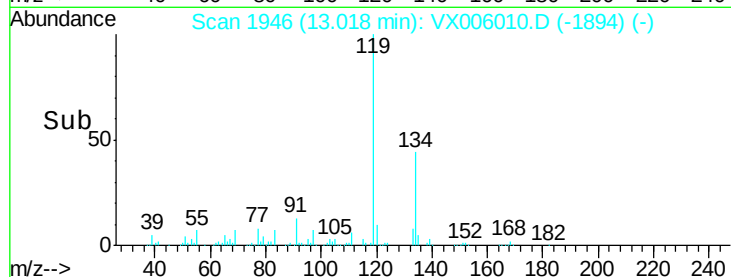
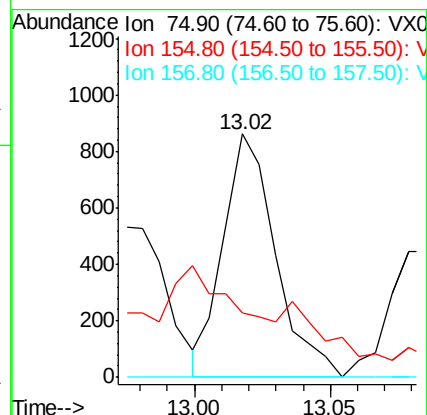
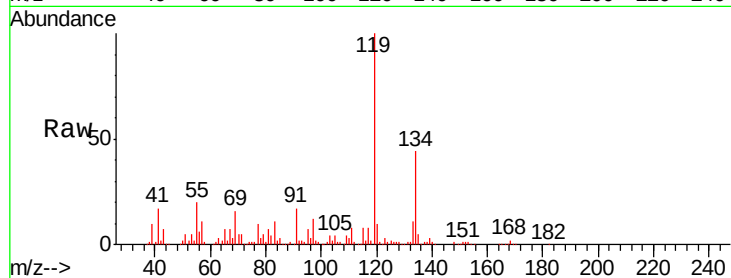
Tgt Ion: 75 Resp: 1149

Ion Ratio Lower Upper

75 100

155 20.6 45.4 136.1#

157 0.0 57.4 172.0#



#95

Naphthalene

Concen: 1.65 ug/l

RT: 13.85 min Scan# 2083

Delta R.T. 0.02 min

Lab File: VX006010.D

Acq: 15 Nov 2018 08:06

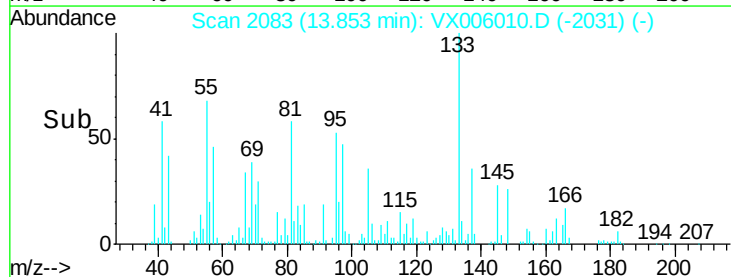
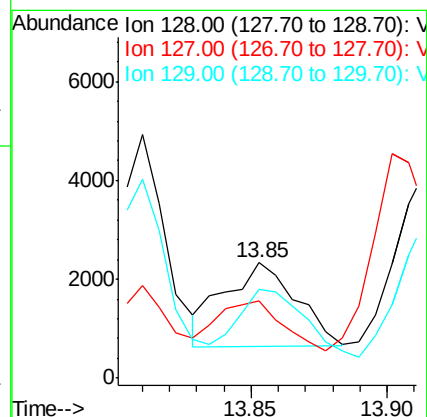
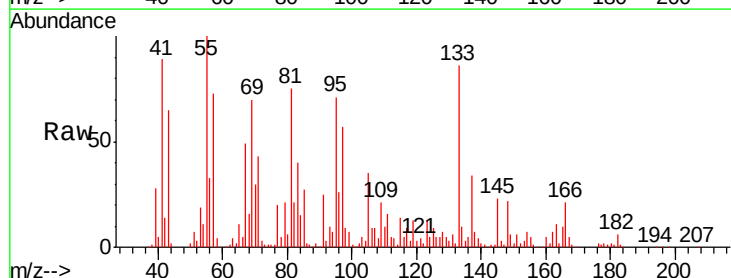
Tgt Ion: 128 Resp: 3146

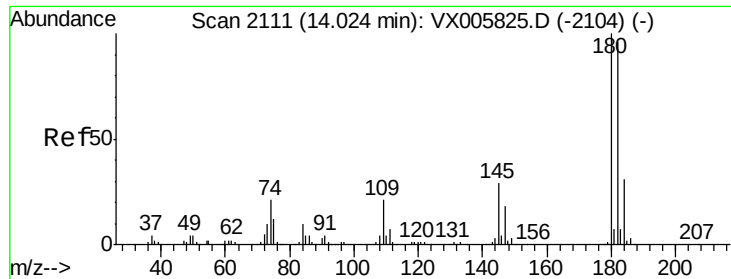
Ion Ratio Lower Upper

128 100

127 52.1 10.4 15.6#

129 72.7 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.25 ug/l
 RT: 14.04 min Scan# 2113
 Delta R.T. 0.01 min
 Lab File: VX006010.D
 Acq: 15 Nov 2018 08:06

Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-05(10-12)

Tgt Ion:180 Resp: 2553
 Ion Ratio Lower Upper
 180 100
 182 35.9 48.0 144.2#
 145 847.9 15.1 45.3#

