

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111918\
 Data File : VX006092.D
 Acq On : 19 Nov 2018 15:41
 Operator : JC/MD
 Sample : J5951-04
 Misc : 5.02g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-04(26.5-28.5)

Quant Time: Nov 20 00:01:17 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	138883	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	202542	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	166846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	89334	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	74660	46.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.52%	
35) Dibromofluoromethane	5.51	113	61945	44.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.94%	
50) Toluene-d8	8.71	98	213439	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	
62) 4-Bromofluorobenzene	11.14	95	79690	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	

Target Compounds

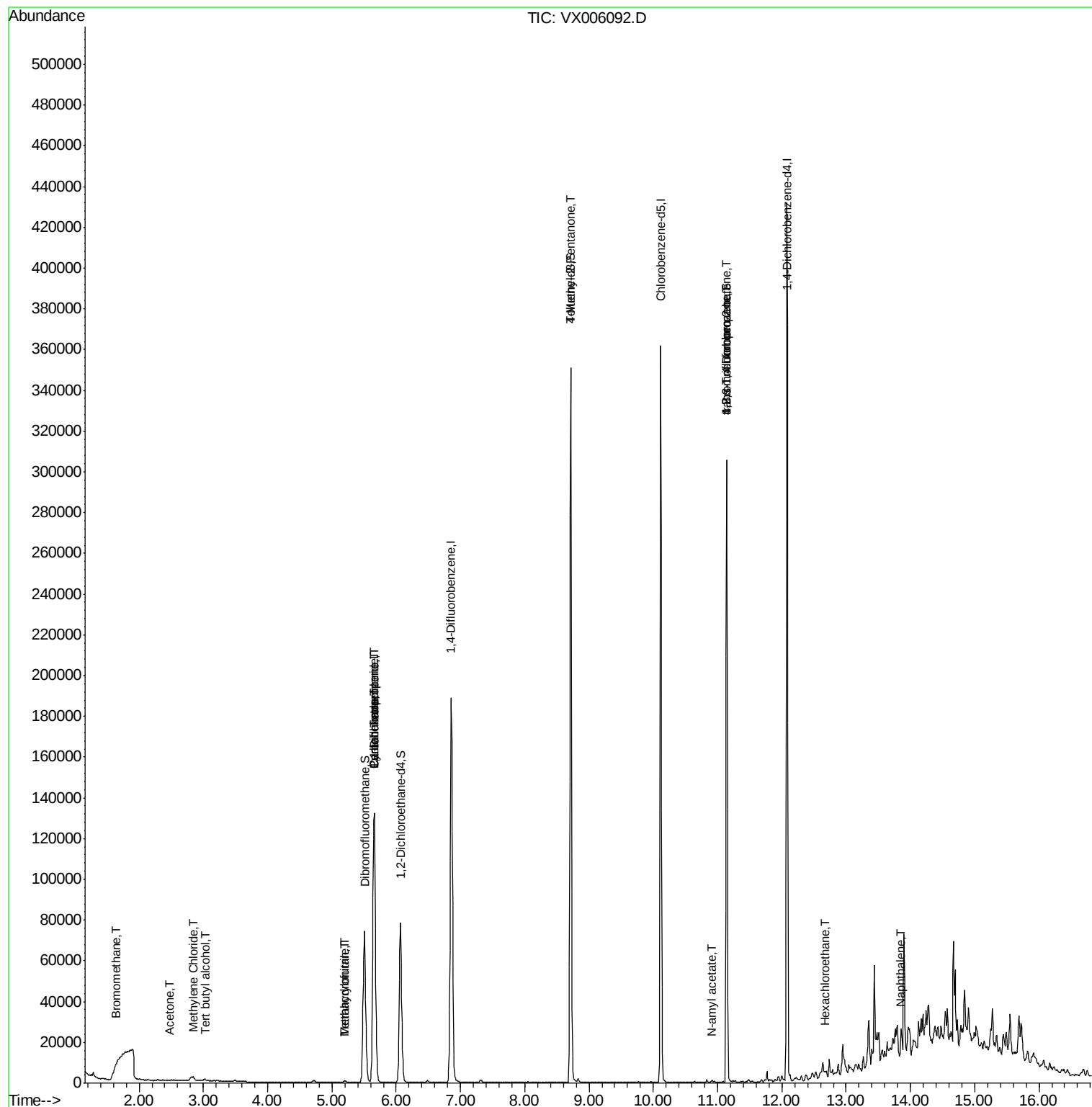
						Qvalue
5) Bromomethane	1.64	94	345	0.342	ug/l	94
11) Tert butyl alcohol	3.03	59	709	1.550	ug/l #	72
16) Acetone	2.48	43	627	0.729	ug/l #	45
18) Methyl Acetate	2.81	43	2848	Below Cal		98
20) Methylene Chloride	2.84	84	627	0.444	ug/l	85
29) Tetrahydrofuran	5.20	42	594	0.684	ug/l #	89
31) Cyclohexane	5.65	56	2423	1.089	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	9302	4.764	ug/l #	49
38) Carbon Tetrachloride	5.65	117	12801	6.549	ug/l #	16
41) Methacrylonitrile	5.20	41	307	0.221	ug/l #	36
51) 4-Methyl-2-Pentanone	8.71	43	901	0.384	ug/l #	1
74) N-amyl acetate	10.90	43	199	1.318	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	38743	21.299	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.14	75	38743	67.882	ug/l #	9
84) 1,2,4-Trimethylbenzene	11.81	105	236	Below Cal		82
90) Hexachloroethane	12.66	117	212	0.264	ug/l #	2
95) Naphthalene	13.83	128	1033	1.334	ug/l #	55

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

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FDSB-04(26.5-28.5)

Quant Time: Nov 20 00:01:17 2018
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Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 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: VX006092.D

Acq: 19 Nov 2018 15:41

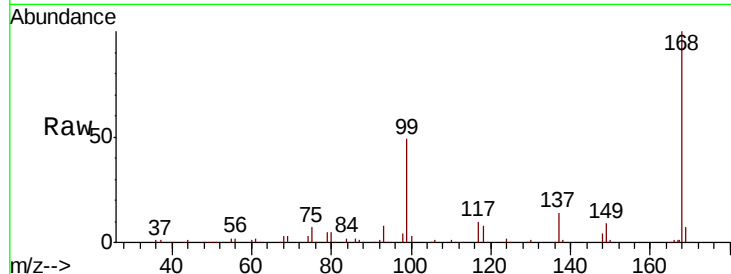
Instrument :
MSVOA_X
ClientSampleId :
FDSB-04(26.5-28.5)

Tot Ion:168 Resp: 138883

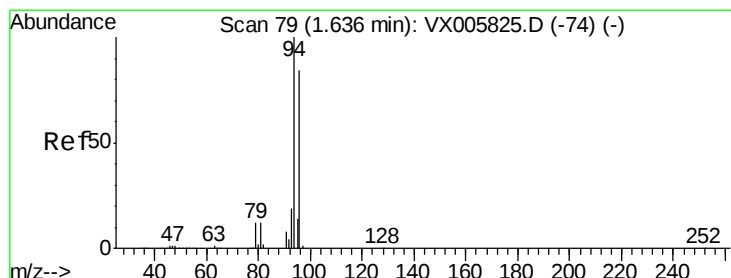
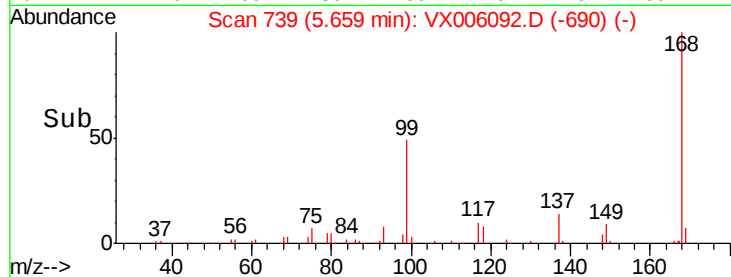
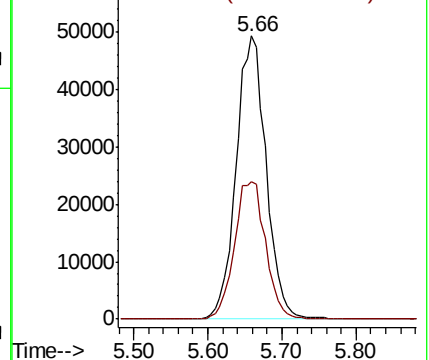
Ion Ratio Lower Upper

168 100

99 48.7 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): VX005825.D (-727) (-)



#5

Bromomethane

Concen: 0.342 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX006092.D

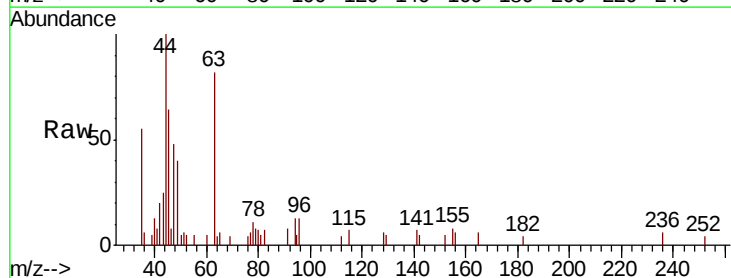
Acq: 19 Nov 2018 15:41

Tgt Ion: 94 Resp: 345

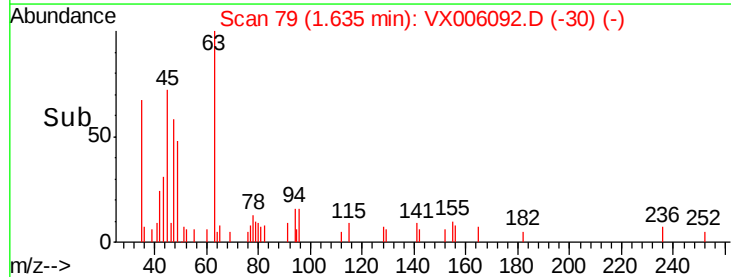
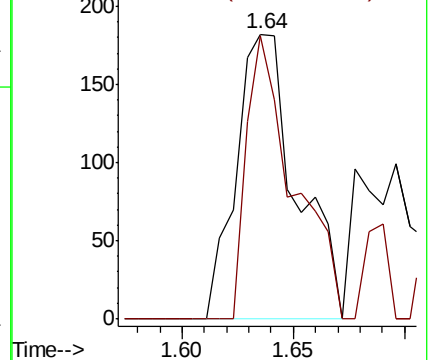
Ion Ratio Lower Upper

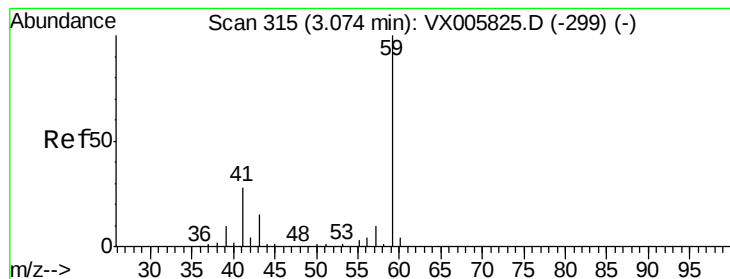
94 100

96 99.5 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX005825.D (-74) (-)



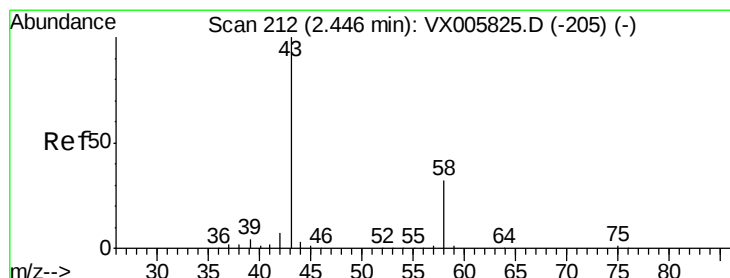
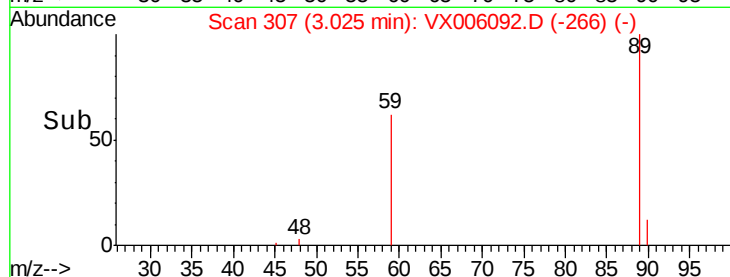
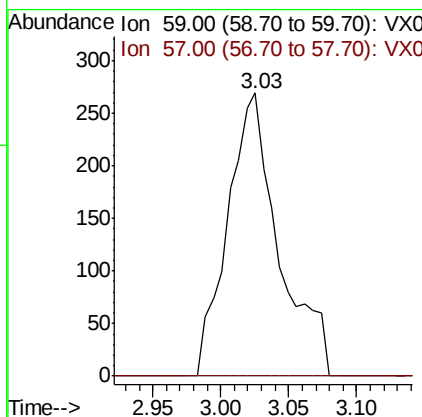
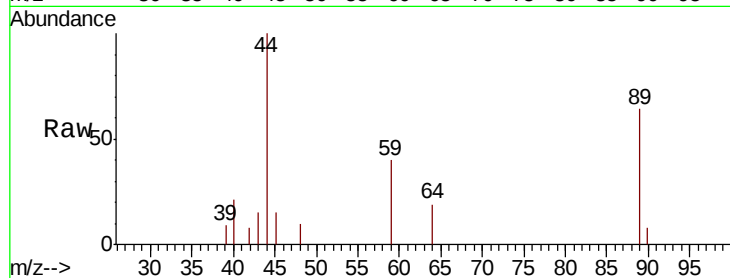


#11

Tert butyl alcohol
Concen: 1.550 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.05 min
Lab File: VX006092.D
Acq: 19 Nov 2018 15:41

Instrument :
MSVOA_X
ClientSampleId :
FDSB-04(26.5-28.5)

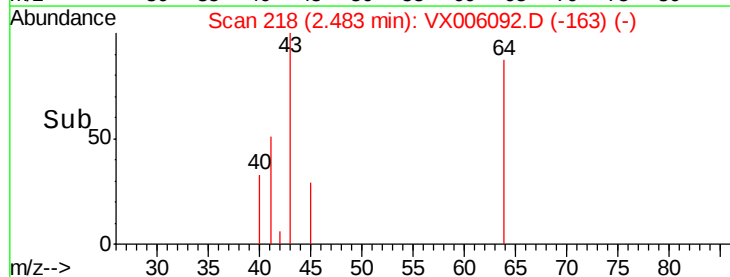
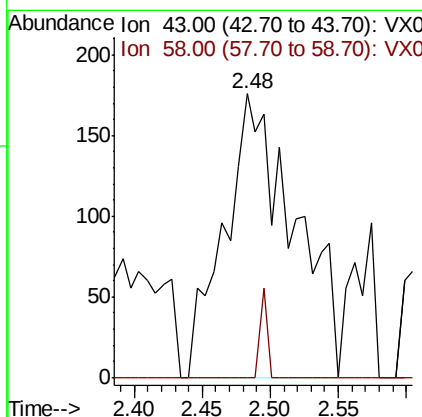
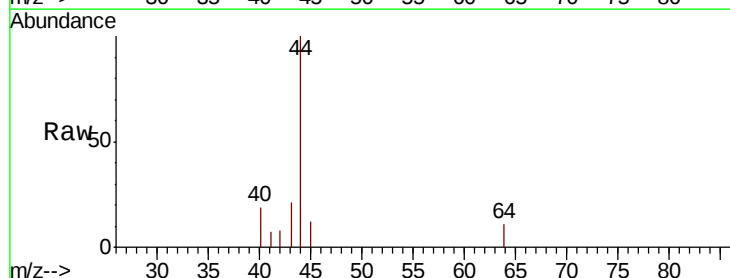
Tot Ion: 59 Resp: 709
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

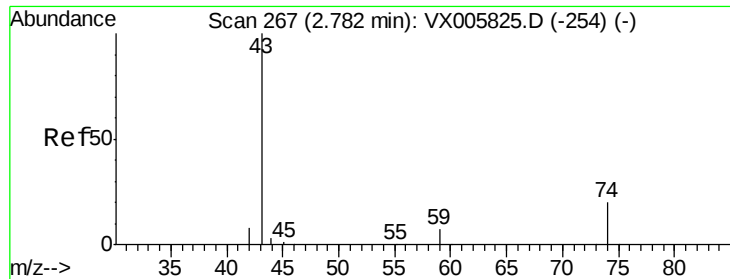


#16

Acetone
Concen: 0.729 ug/l
RT: 2.48 min Scan# 218
Delta R.T. 0.04 min
Lab File: VX006092.D
Acq: 19 Nov 2018 15:41

Tgt Ion: 43 Resp: 627
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#

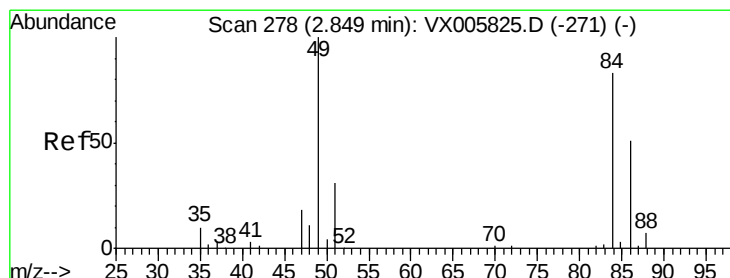
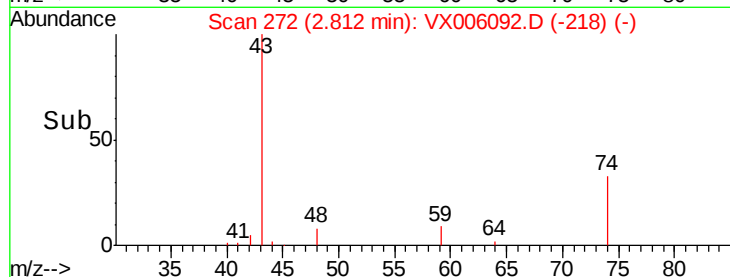
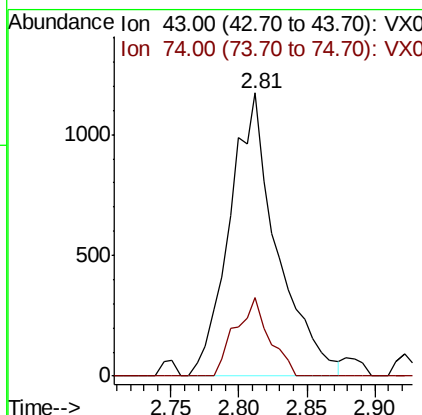
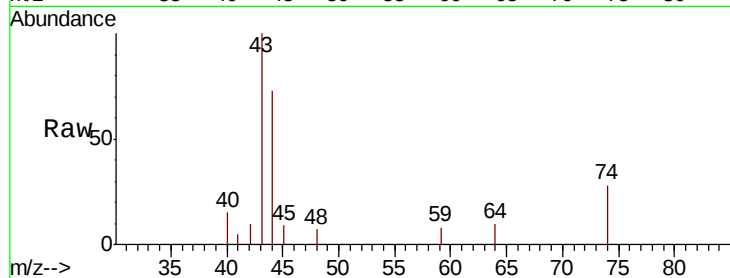




#18
Methyl Acetate
Concen: Below Cal
RT: 2.81 min Scan# 272
Delta R.T. 0.03 min
Lab File: VX006092.D
Acq: 19 Nov 2018 15:41

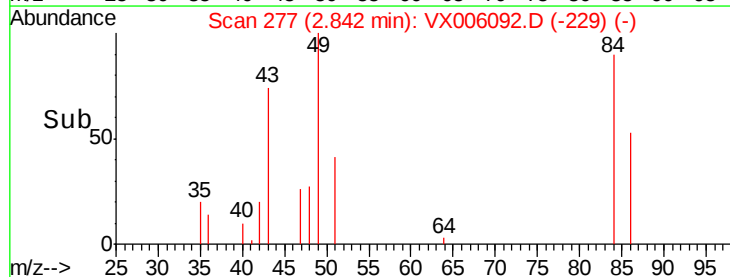
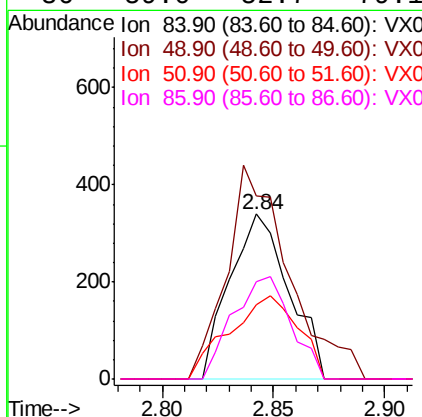
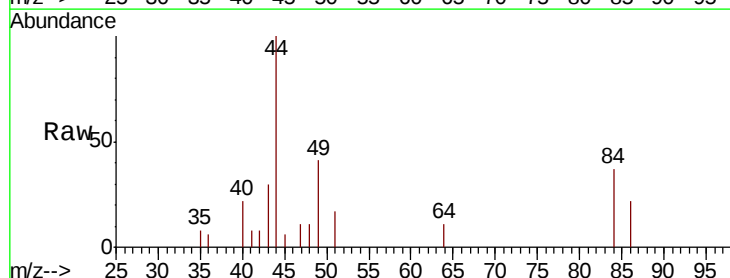
Instrument :
MSVOA_X
ClientSampleId :
FDSB-04(26.5-28.5)

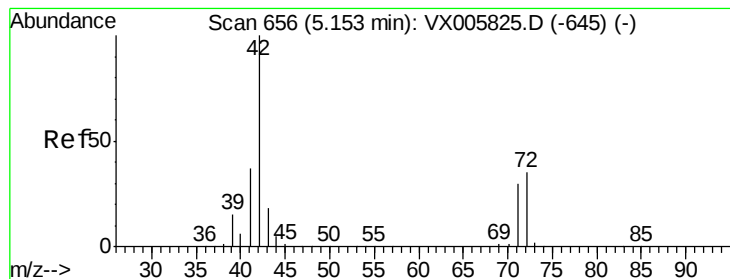
Tot Ion: 43 Resp: 2848
Ion Ratio Lower Upper
43 100
74 19.8 16.8 25.2



#20
Methylene Chloride
Concen: 0.444 ug/l
RT: 2.84 min Scan# 277
Delta R.T. -0.01 min
Lab File: VX006092.D
Acq: 19 Nov 2018 15:41

Tgt Ion: 84 Resp: 627
Ion Ratio Lower Upper
84 100
49 110.9 109.5 164.3
51 45.1 33.3 49.9
86 59.0 52.7 79.1





#29

Tetrahydrofuran

Concen: 0.684 ug/l

RT: 5.20 min Scan# 664

Delta R.T. 0.05 min

Lab File: VX006092.D

Acq: 19 Nov 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

FDSB-04(26.5-28.5)

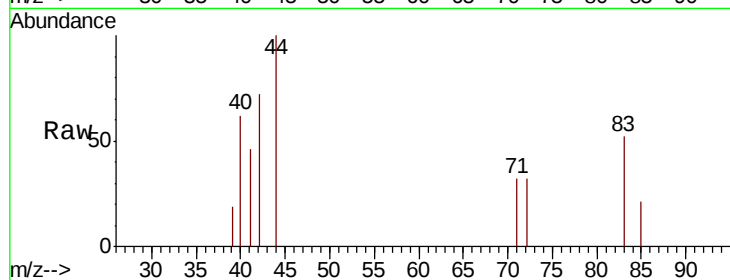
Tot Ion: 42 Resp: 594

Ion Ratio Lower Upper

42 100

72 31.3 32.0 48.0#

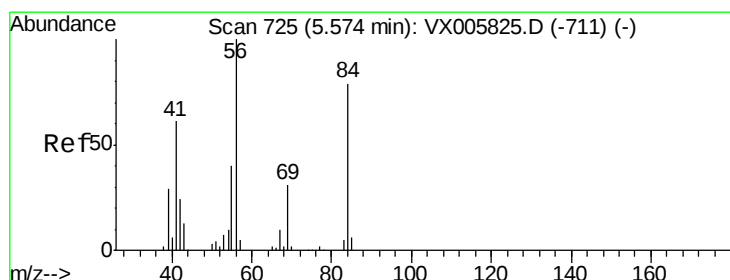
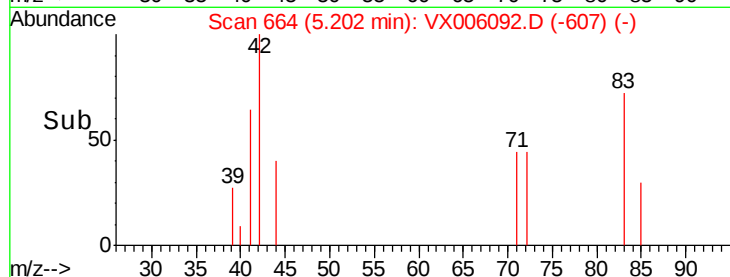
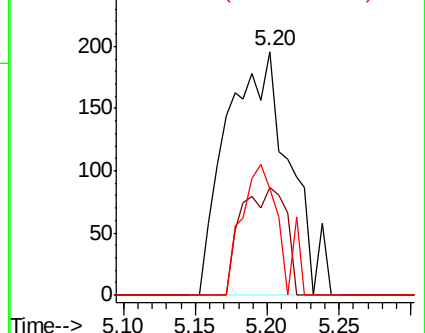
71 32.7 29.8 44.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#31

Cyclohexane

Concen: 1.089 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.08 min

Lab File: VX006092.D

Acq: 19 Nov 2018 15:41

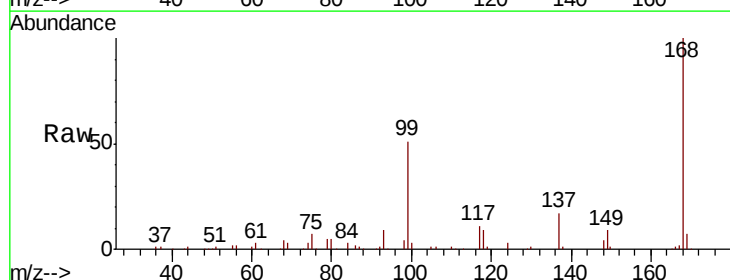
Tgt Ion: 56 Resp: 2423

Ion Ratio Lower Upper

56 100

69 173.1 22.6 34.0#

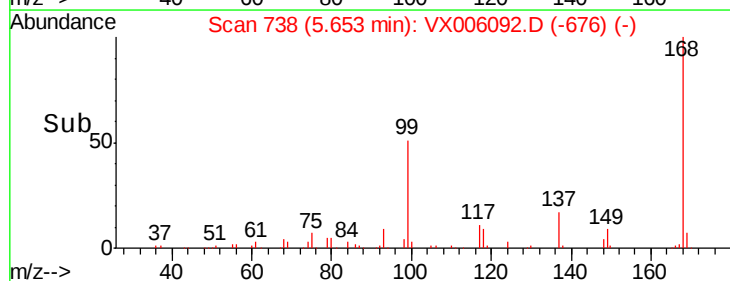
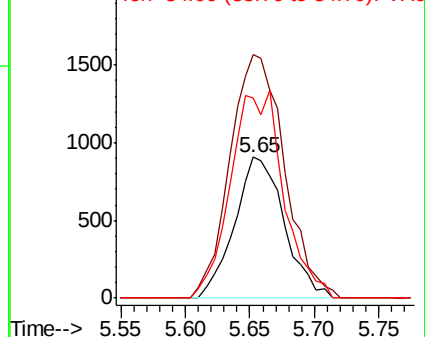
84 141.9 62.7 94.1#

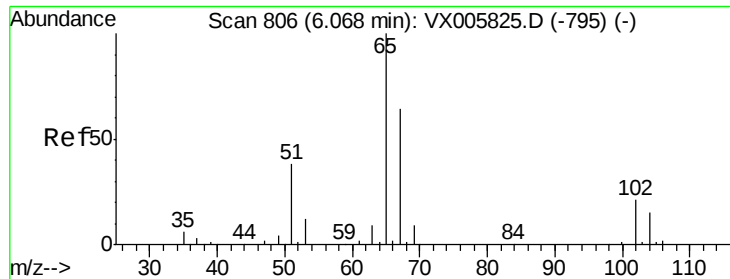


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 46.761 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX006092.D

Acq: 19 Nov 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

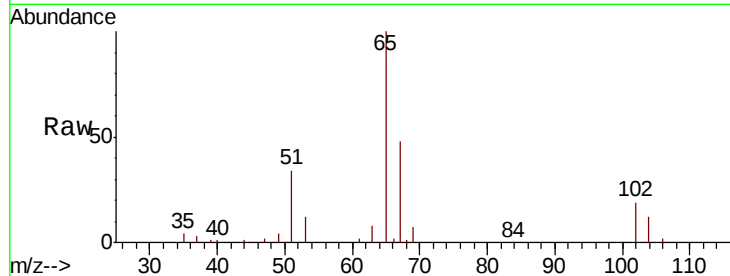
FDSB-04(26.5-28.5)

Tot Ion: 65 Resp: 74660

Ion Ratio Lower Upper

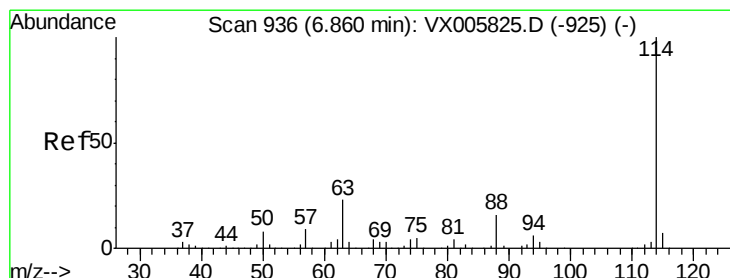
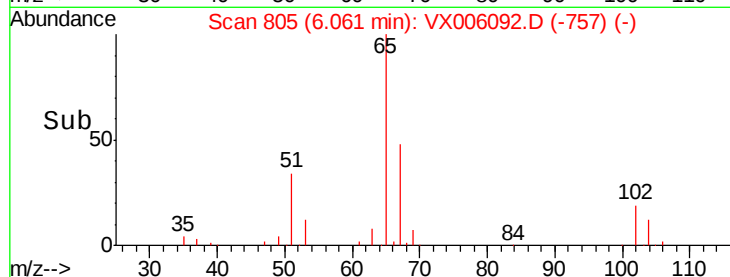
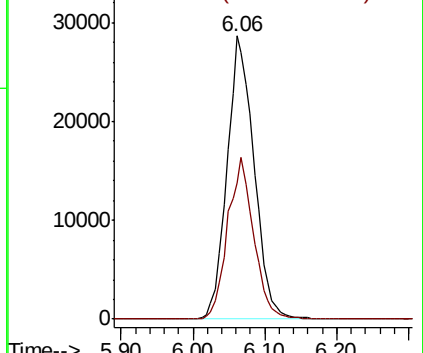
65 100

67 54.8 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: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX006092.D

Acq: 19 Nov 2018 15:41

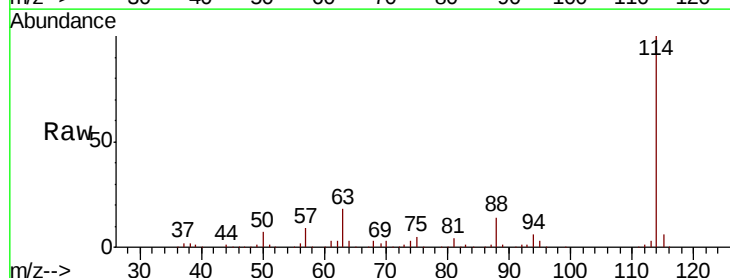
Tgt Ion: 114 Resp: 202542

Ion Ratio Lower Upper

114 100

63 18.0 0.0 42.8

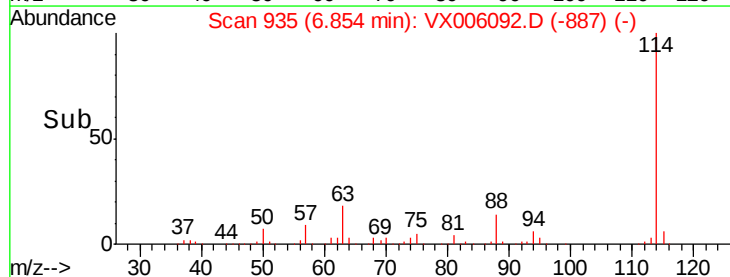
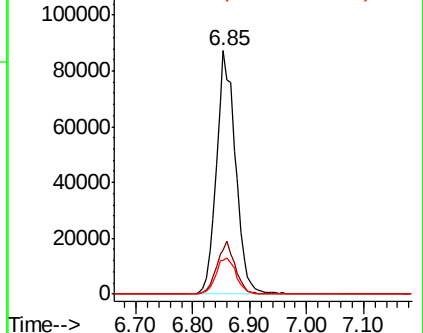
88 13.9 0.0 31.2

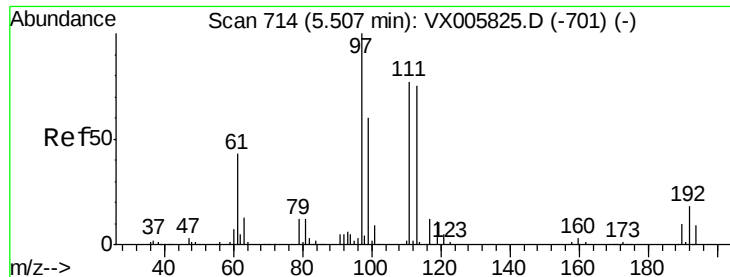


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

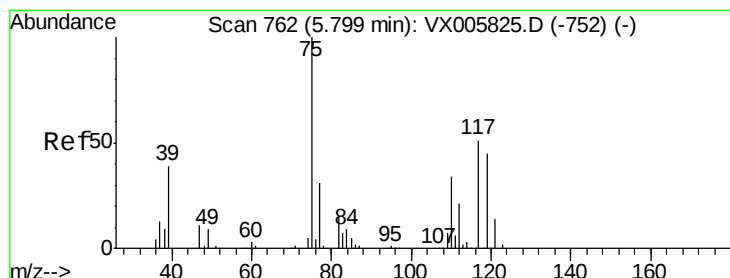
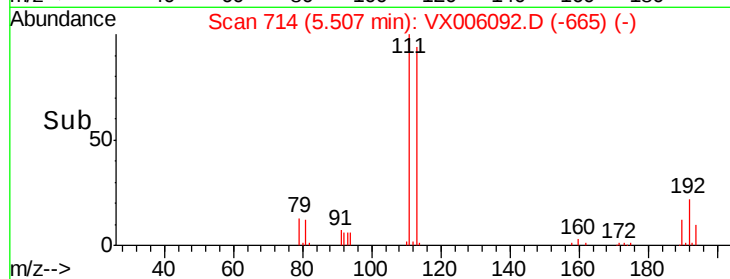
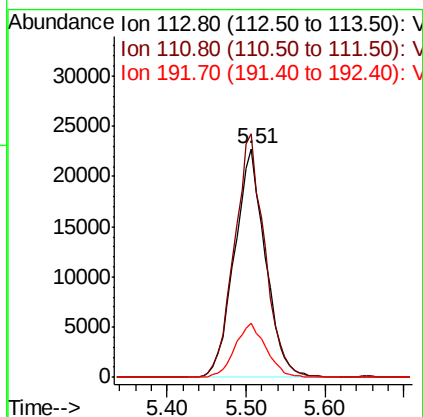
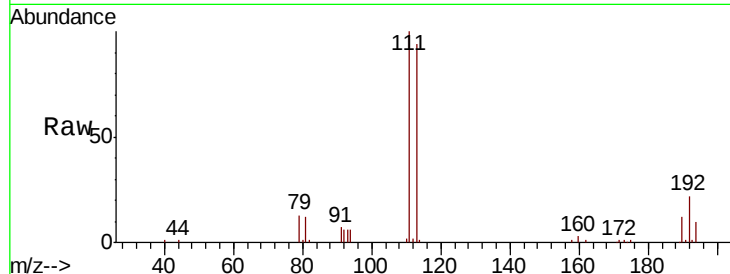




#35
 Dibromofluoromethane
 Concen: 44.966 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: VX006092.D
 Acq: 19 Nov 2018 15:41

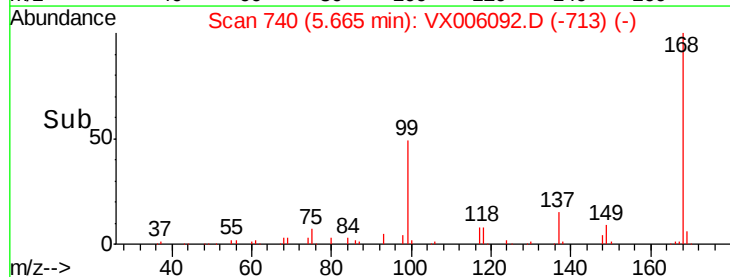
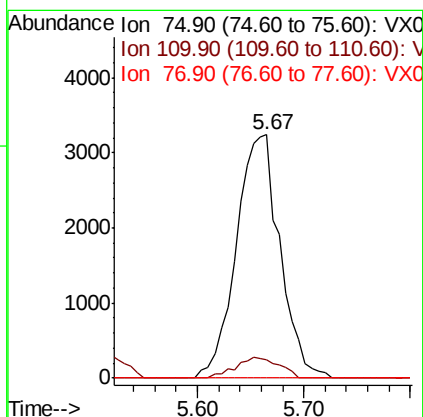
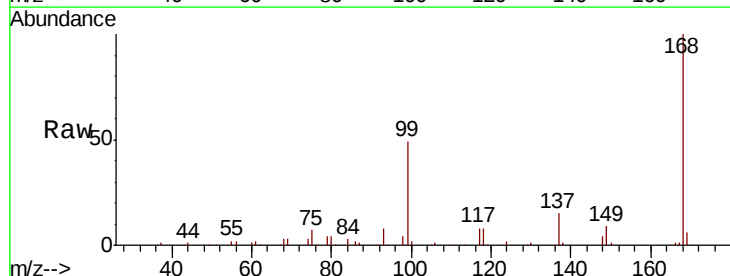
Instrument :
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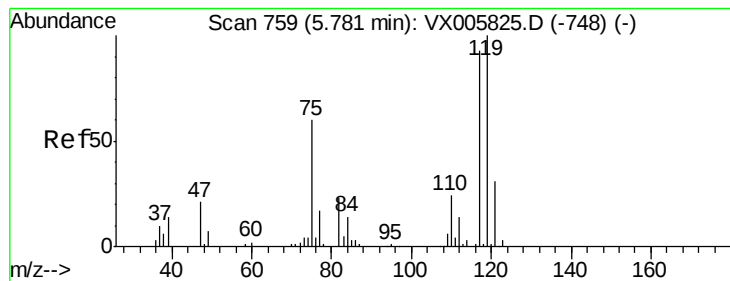
Tot Ion:113 Resp: 61945
 Ion Ratio Lower Upper
 113 100
 111 105.2 82.3 123.5
 192 23.8 17.9 26.9



#36
 1,1-Dichloropropene
 Concen: 4.764 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX006092.D
 Acq: 19 Nov 2018 15:41

Tgt Ion: 75 Resp: 9302
 Ion Ratio Lower Upper
 75 100
 110 8.5 17.4 52.2#
 77 0.0 25.8 38.6#





#38

Carbon Tetrachloride

Concen: 6.549 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.13 min

Lab File: VX006092.D

Acq: 19 Nov 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

FDSB-04(26.5-28.5)

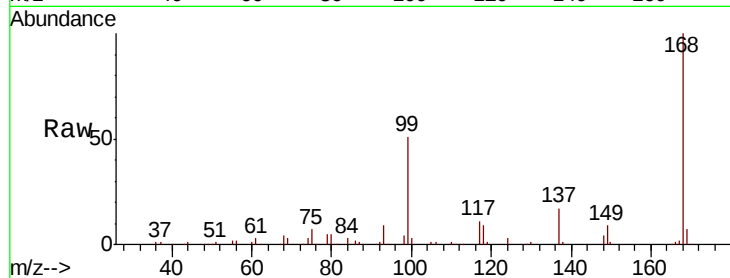
Tot Ion:117 Resp: 12801

Ion Ratio Lower Upper

117 100

119 5.8 78.1 117.1#

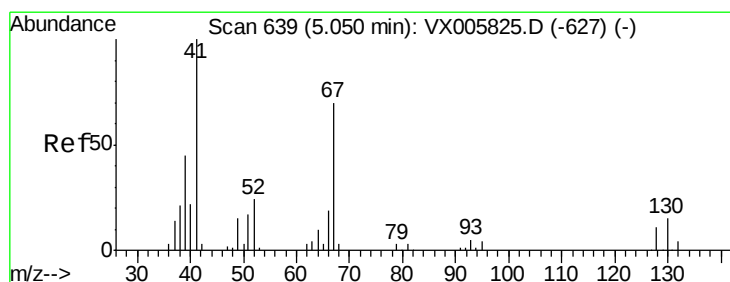
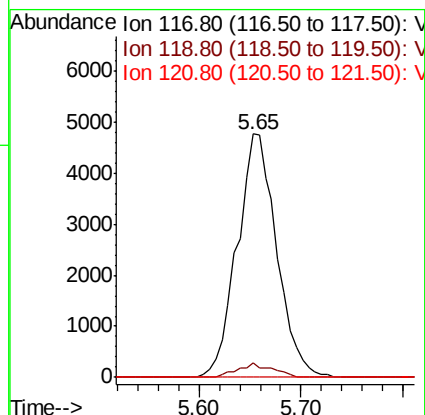
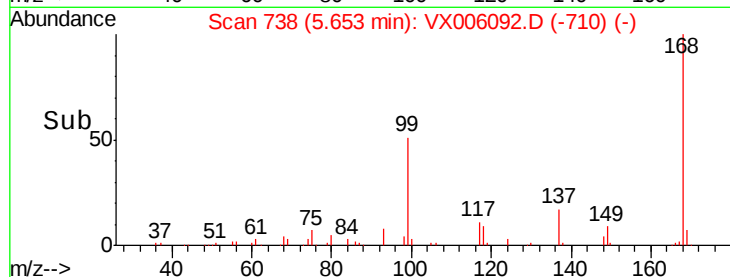
121 0.0 24.6 36.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#41

Methacrylonitrile

Concen: 0.221 ug/l

RT: 5.20 min Scan# 663

Delta R.T. 0.15 min

Lab File: VX006092.D

Acq: 19 Nov 2018 15:41

Tgt Ion: 41 Resp: 307

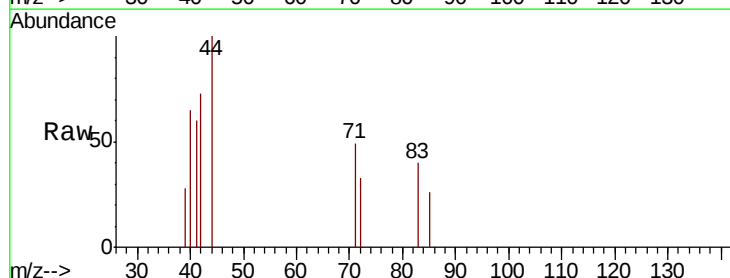
Ion Ratio Lower Upper

41 100

39 20.8 42.2 63.2#

67 0.0 53.4 80.0#

52 0.0 23.4 35.2#

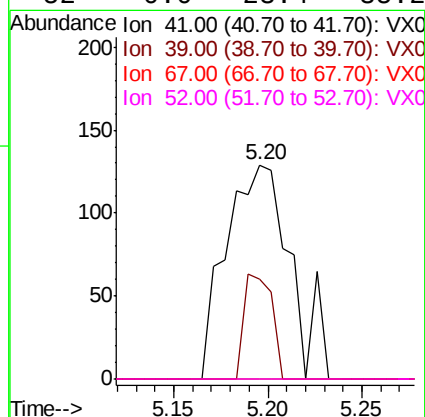
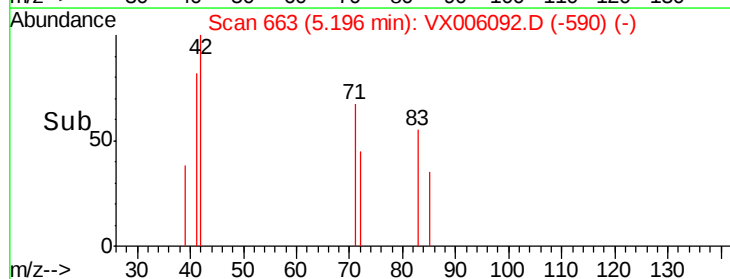


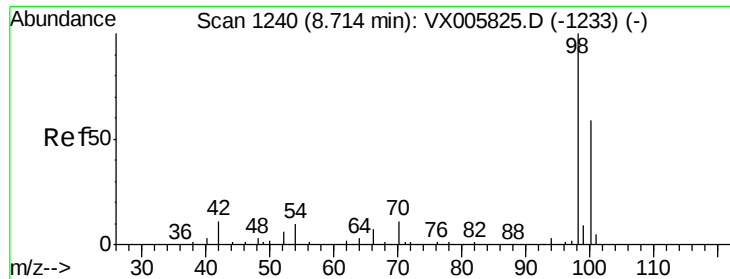
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





#50

Toluene-d8

Concen: 46.603 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006092.D

Acq: 19 Nov 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

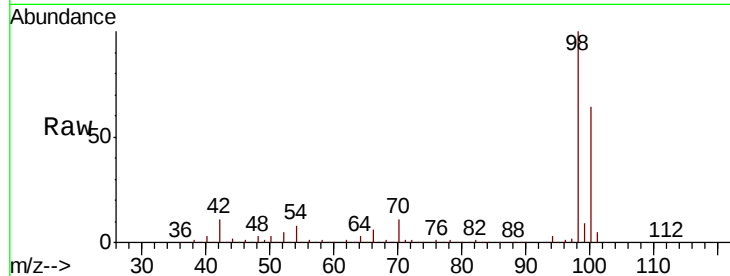
FDSB-04(26.5-28.5)

Tot Ion: 98 Resp: 213439

Ion Ratio Lower Upper

98 100

100 63.6 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

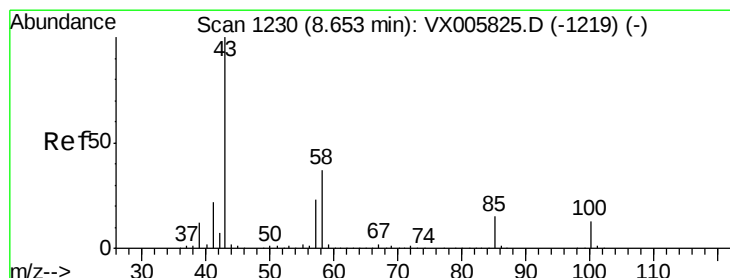
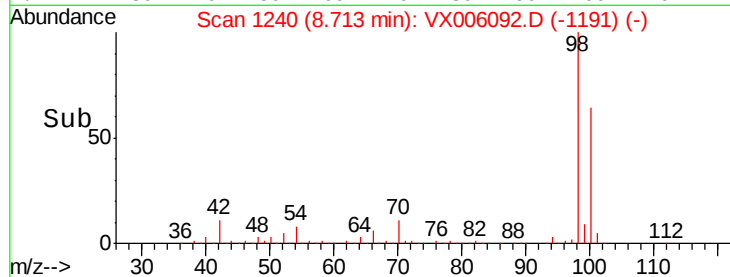
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.384 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.06 min

Lab File: VX006092.D

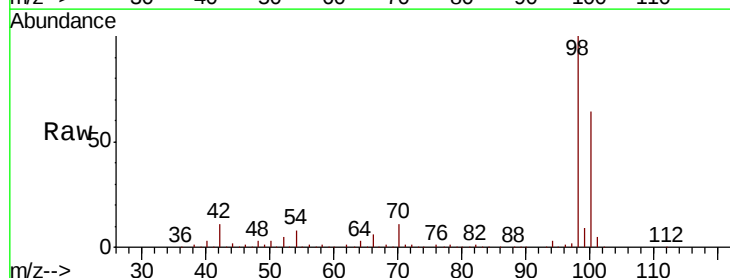
Acq: 19 Nov 2018 15:41

Tgt Ion: 43 Resp: 901

Ion Ratio Lower Upper

43 100

58 192.1 29.7 44.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

1200

1000

800

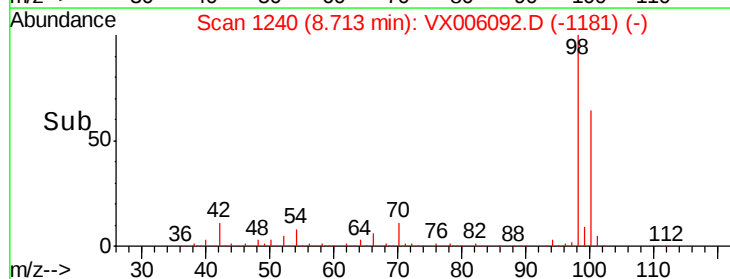
600

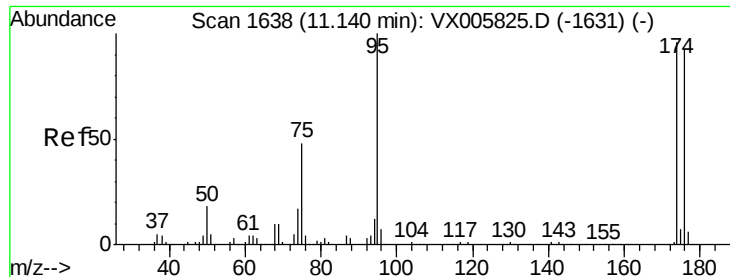
400

200

0

Time-->





#62

4-Bromofluorobenzene

Concen: 48.395 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006092.D

Acq: 19 Nov 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

FDSB-04(26.5-28.5)

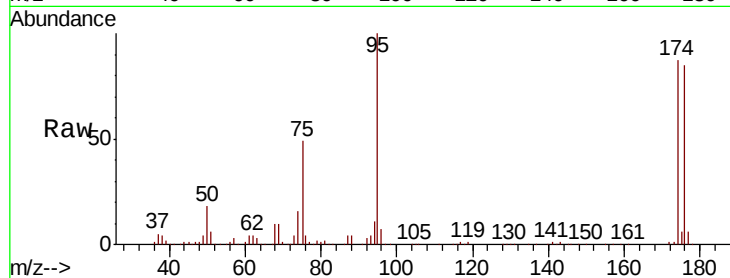
Tot Ion: 95 Resp: 79690

Ion Ratio Lower Upper

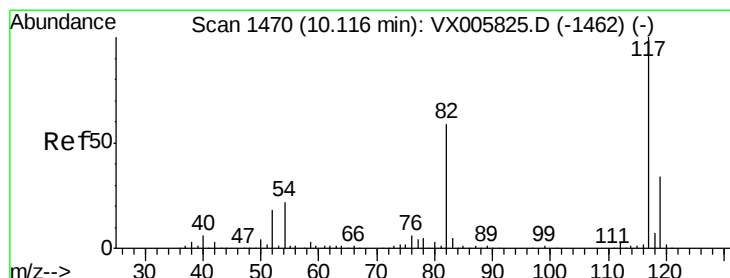
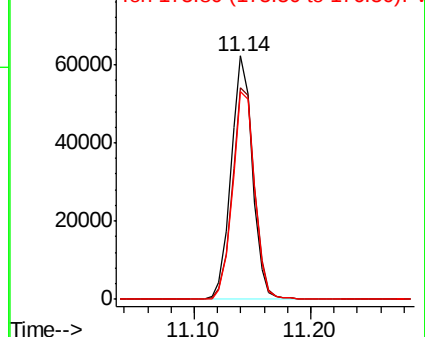
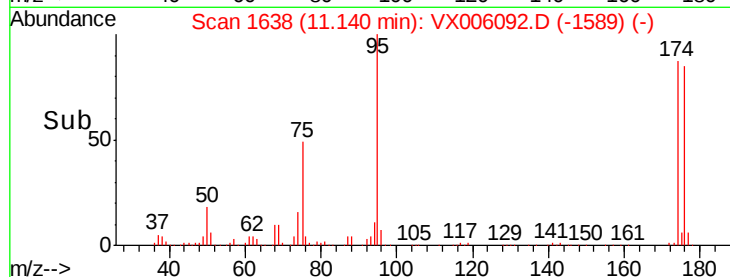
95 100

174 90.9 0.0 184.4

176 88.2 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VX006092.D (-1589) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX006092.D

Acq: 19 Nov 2018 15:41

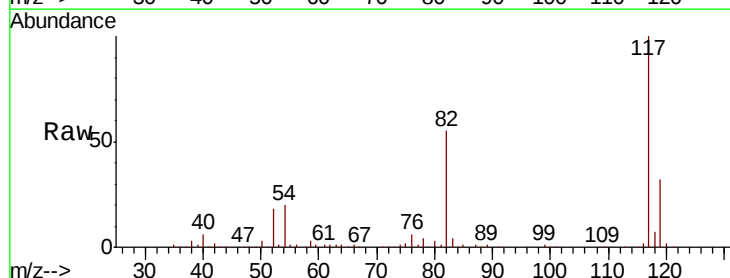
Tgt Ion: 117 Resp: 166846

Ion Ratio Lower Upper

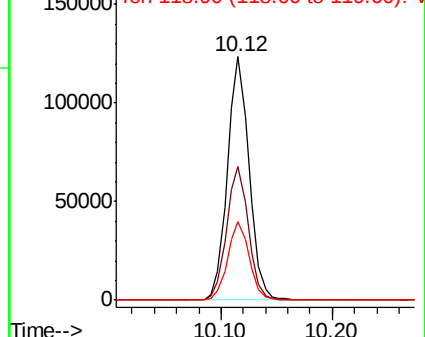
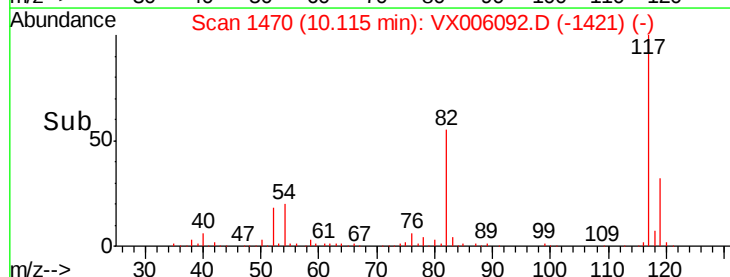
117 100

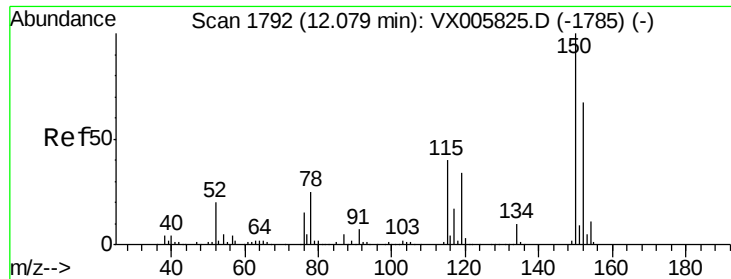
82 54.9 44.1 66.1

119 32.3 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): VX006092.D (-1421) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006092.D

Acq: 19 Nov 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

FDSB-04(26.5-28.5)

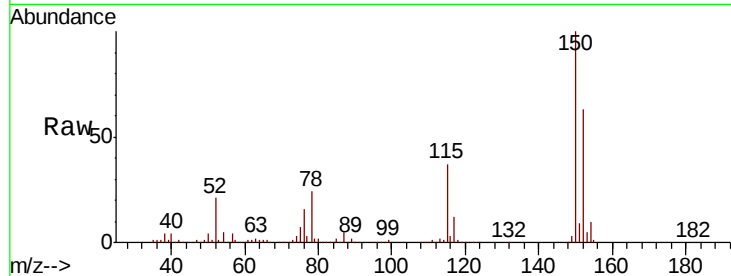
Tot Ion:152 Resp: 89334

Ion Ratio Lower Upper

152 100

115 56.0 39.4 118.1

150 156.7 0.0 346.4

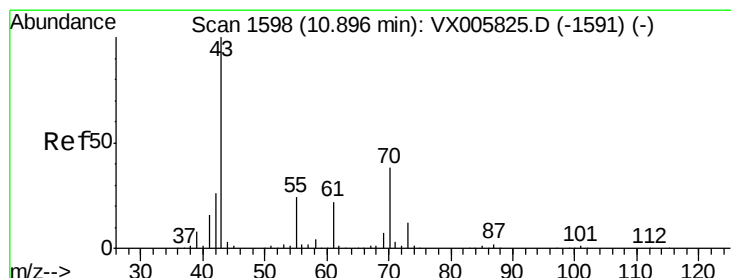
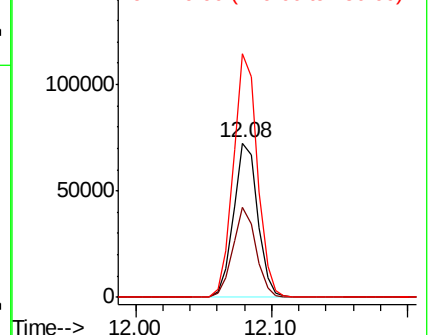
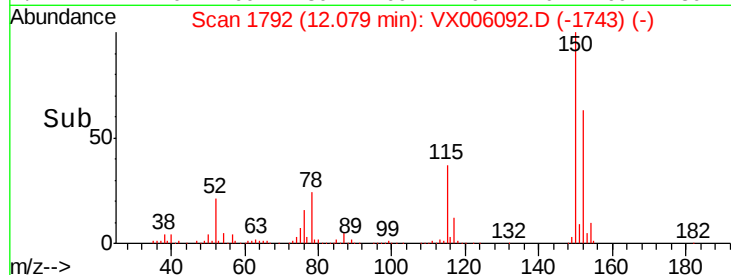


Abundance

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



#74

N-ethyl acetate

Concen: 1.318 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX006092.D

Acq: 19 Nov 2018 15:41

Tgt Ion: 43 Resp: 199

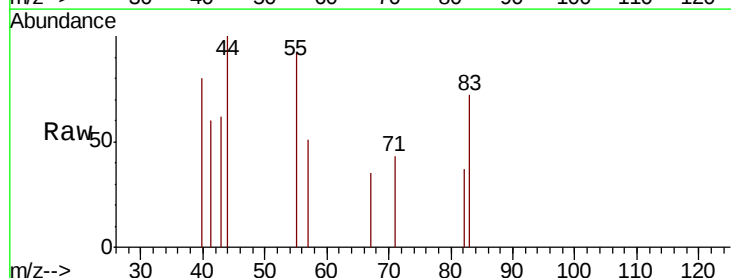
Ion Ratio Lower Upper

43 100

70 0.0 31.6 47.4#

55 166.3 19.7 29.5#

61 0.0 18.3 27.5#



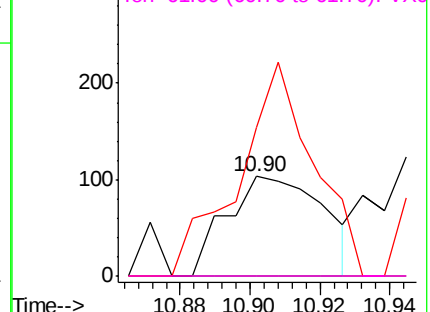
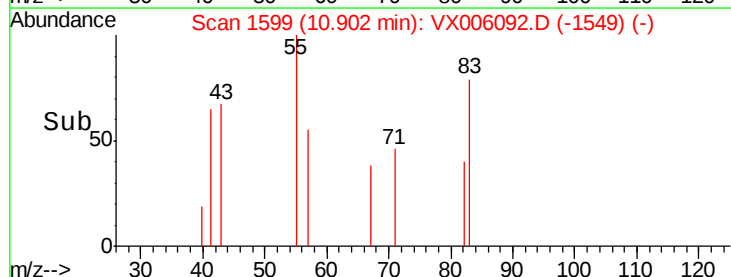
Abundance

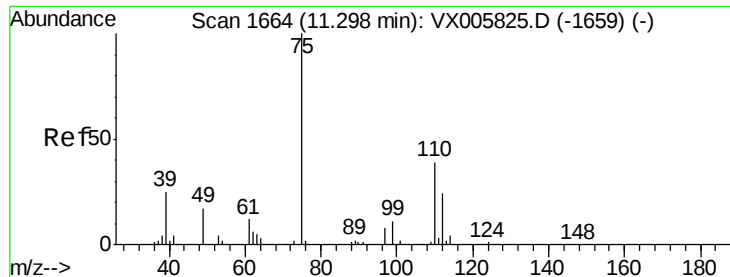
Ion 43.00 (42.70 to 43.70): VX0

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





#76

1,2,3-Trichloropropane

Concen: 21.299 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX006092.D

Acq: 19 Nov 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

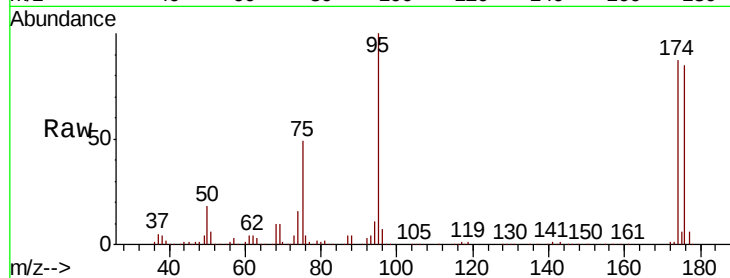
FDSB-04(26.5-28.5)

Tot Ion: 75 Resp: 38743

Ion Ratio Lower Upper

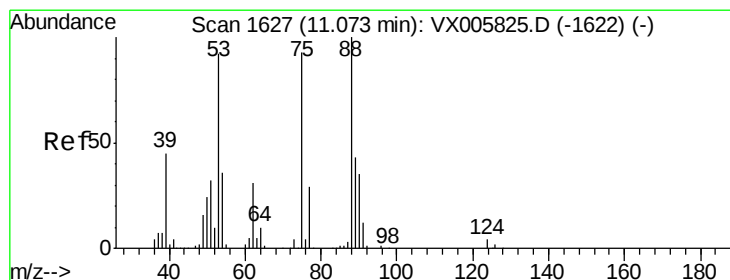
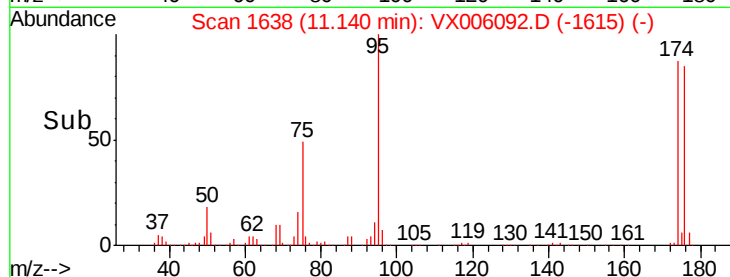
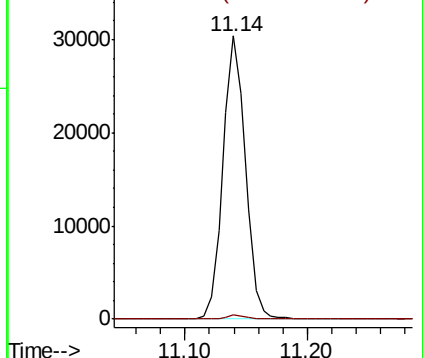
75 100

77 1.3 20.5 61.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#81

trans-1,4-Dichloro-2-butene

Concen: 67.882 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX006092.D

Acq: 19 Nov 2018 15:41

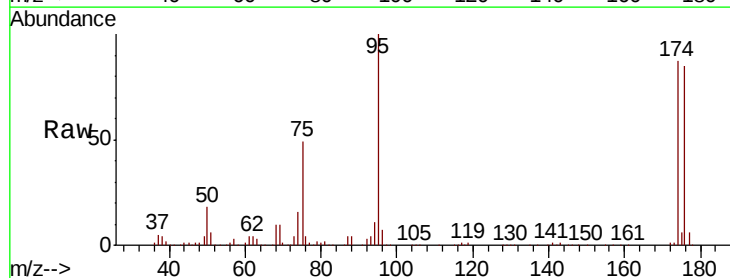
Tgt Ion: 75 Resp: 38743

Ion Ratio Lower Upper

75 100

53 0.1 80.2 120.2#

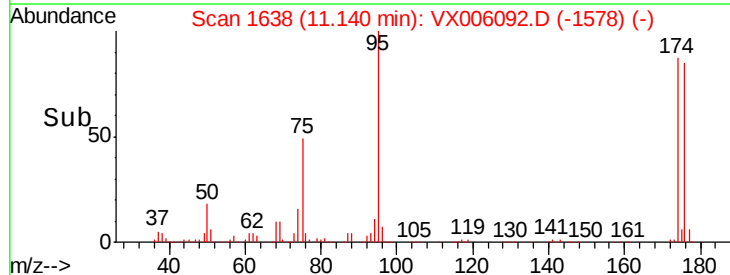
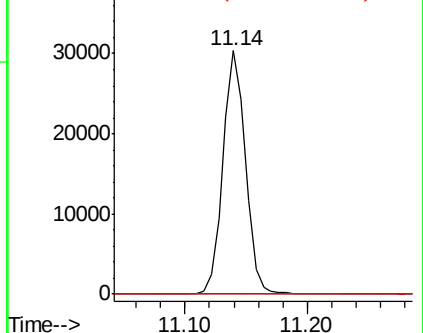
89 0.0 39.8 59.8#

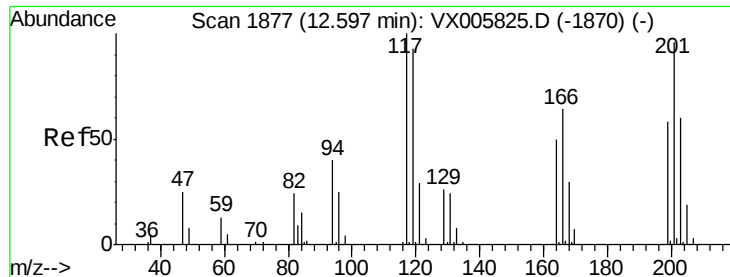


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#90

Hexachloroethane

Concen: 0.264 ug/l

RT: 12.66 min Scan# 1888

Delta R.T. 0.07 min

Lab File: VX006092.D

Acq: 19 Nov 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

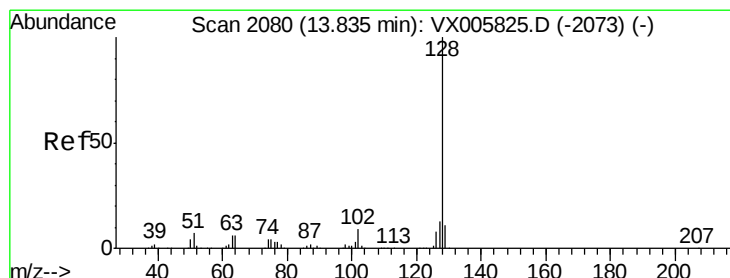
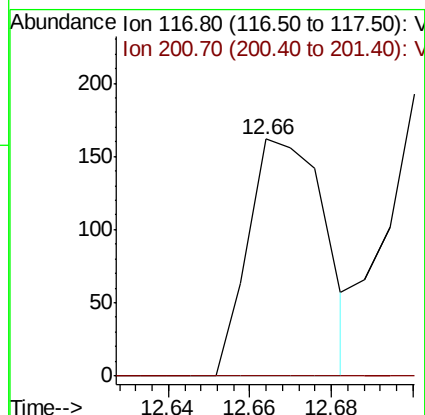
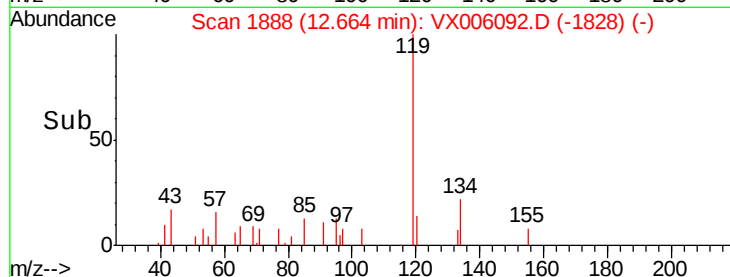
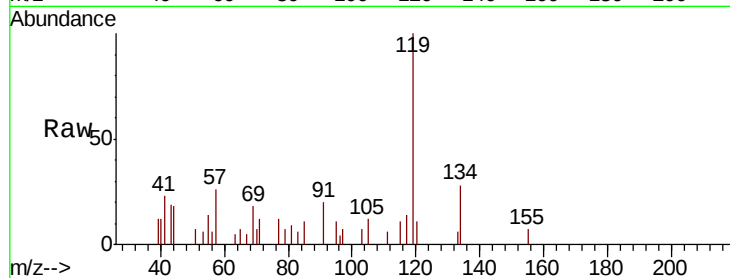
FDSB-04(26.5-28.5)

Tot Ion:117 Resp: 212

Ion Ratio Lower Upper

117 100

201 0.0 47.9 143.6#



#95

Naphthalene

Concen: 1.334 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006092.D

Acq: 19 Nov 2018 15:41

Tgt Ion:128 Resp: 1033

Ion Ratio Lower Upper

128 100

127 35.4 10.4 15.6#

129 22.9 8.7 13.1#

