

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111418\
 Data File : VX006013.D
 Acq On : 15 Nov 2018 09:26
 Operator : JC/MD
 Sample : J5918-05
 Misc : 5.06g/10ml/100ul/5.00mL/MSVOA_X/MEOH
 ALS Vial : 50 Sample Multiplier: 1

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

Quant Time: Nov 15 10:16:48 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	127423	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	191410	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	167415	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	88818	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	76497	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
35) Dibromofluoromethane	5.51	113	60117	46.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.36%	
50) Toluene-d8	8.71	98	227706	52.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.22%	
62) 4-Bromofluorobenzene	11.14	95	85804	55.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	350	0.23	ug/l	90
5) Bromomethane	1.63	94	400	0.43	ug/l #	65
8) Diethyl Ether	1.93	74	164	0.21	ug/l #	1
11) Tert butyl alcohol	3.03	59	2059	4.91	ug/l #	72
13) Acrolein	2.07	56	20	19.26	ug/l #	1
18) Methyl Acetate	2.83	43	3893	0.37	ug/l #	55
20) Methylene Chloride	2.84	84	779	0.60	ug/l #	95
28) Bromochloromethane	5.21	49	289	0.28	ug/l #	15
29) Tetrahydrofuran	5.20	42	815	1.02	ug/l #	20
30) Chloroform	5.21	83	3328	1.47	ug/l	89
31) Cyclohexane	5.55	56	3431	1.68	ug/l	93
36) 1,1-Dichloropropene	5.65	75	9076	4.92	ug/l #	49
38) Carbon Tetrachloride	5.66	117	11098	6.01	ug/l #	15
39) Methylcyclohexane	7.45	83	33538	17.93	ug/l	97
41) Methacrylonitrile	5.21	41	604	0.46	ug/l #	52
45) 1,2-Dichloropropane	7.45	63	392	0.30	ug/l #	1
47) Bromodichloromethane	7.91	83	382	0.25	ug/l #	90
48) Methyl methacrylate	7.73	41	2261	1.43	ug/l #	56
51) 4-Methyl-2-Pentanone	8.66	43	7591	3.43	ug/l #	41
55) 1,1,2-Trichloroethane	9.16	97	18923	14.12	ug/l #	18
56) Ethyl methacrylate	9.16	69	4457	2.22	ug/l #	1
59) 2-Hexanone	9.44	43	42853	21.94	ug/l #	31
73) Isopropylbenzene	11.02	105	57705	11.23	ug/l	100
74) N-aryl acetate	10.91	43	69645	24.81	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	36586	19.41	ug/l #	26
76) 1,2,3-Trichloropropane	11.14	75	39909	22.07	ug/l #	40
78) n-propylbenzene	11.36	91	160012	26.43	ug/l	98
79) 2-Chlorotoluene	11.36	91	160012	43.73	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	948	0.22	ug/l #	29
81) trans-1,4-Dichloro-2-buten	11.14	75	39909	70.33	ug/l #	15
82) 4-Chlorotoluene	11.77	91	7674	1.78	ug/l	72
83) tert-Butylbenzene	11.77	119	10815	2.45	ug/l	75
84) 1,2,4-Trimethylbenzene	11.95	105	145857	30.23	ug/l #	32
85) sec-Butylbenzene	11.95	105	145857	27.01	ug/l	79

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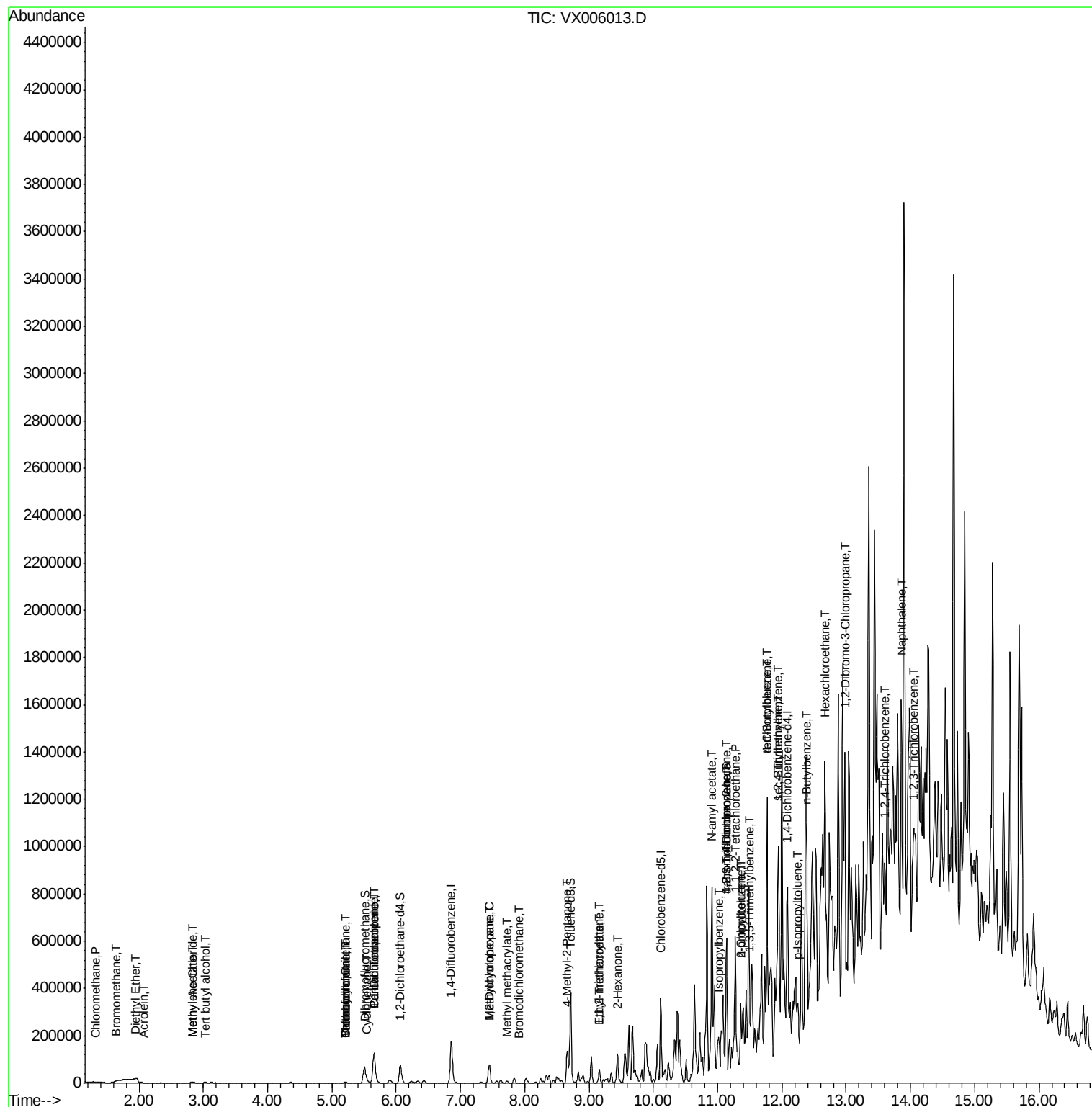
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	12.24	119	31875	6.66	ug/l	90
89) n-Butylbenzene	12.39	91	172271	38.86	ug/l	89
90) Hexachloroethane	12.67	117	43526	54.51	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	12.98	75	3161	6.87	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.60	180	503	0.26	ug/l #	1
95) Naphthalene	13.86	128	7872	2.38	ug/l #	1
96) 1,2,3-Trichlorobenzene	14.04	180	7089	3.55	ug/l #	1

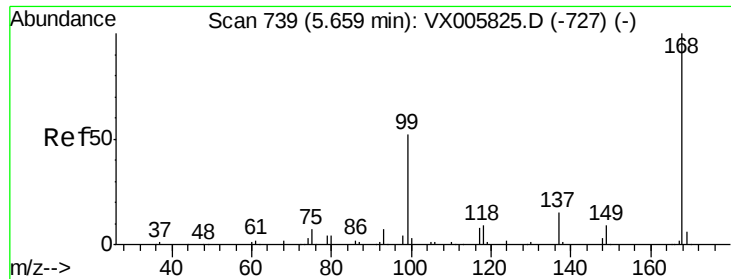
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX006013.D

Acq: 15 Nov 2018 09:26

Instrument :

MSVOA_X

ClientSampleId :

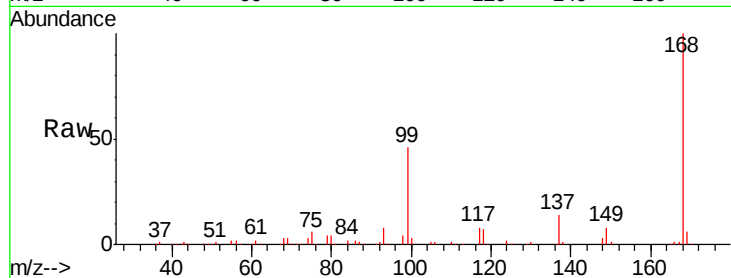
FDSB-12(10-12)

Tgt Ion:168 Resp: 127423

Ion Ratio Lower Upper

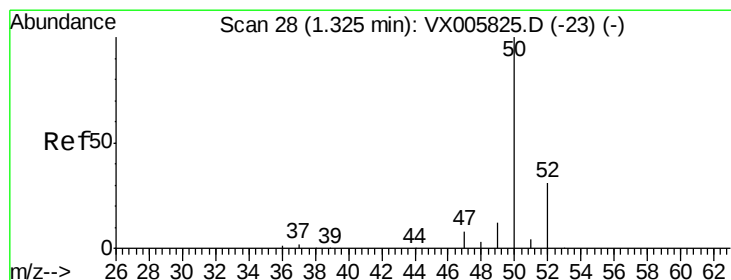
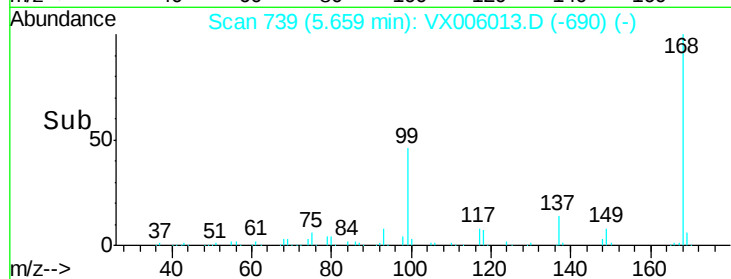
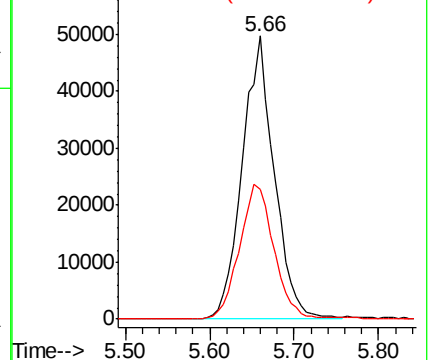
168 100

99 45.9 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.23 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX006013.D

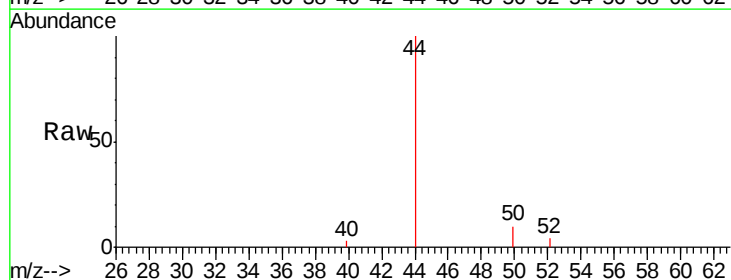
Acq: 15 Nov 2018 09:26

Tgt Ion: 50 Resp: 350

Ion Ratio Lower Upper

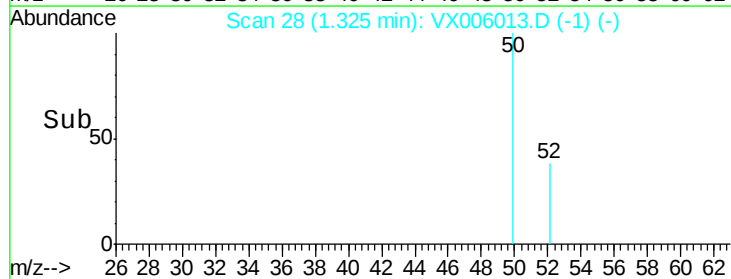
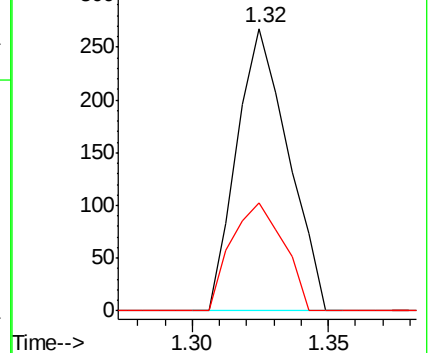
50 100

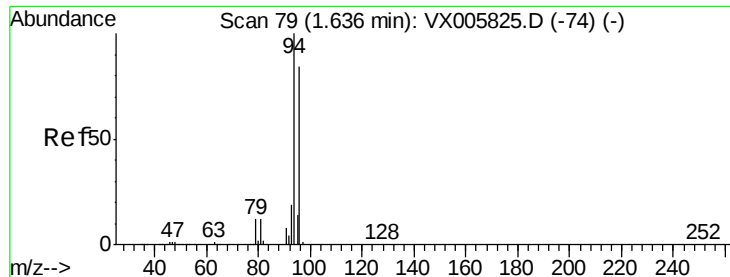
52 38.1 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 0.43 ug/l

RT: 1.63 min Scan# 78

Delta R.T. -0.01 min

Lab File: VX006013.D

Acq: 15 Nov 2018 09:26

Instrument :

MSVOA_X

ClientSampleId :

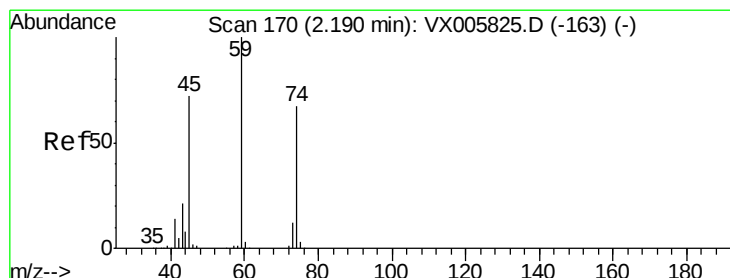
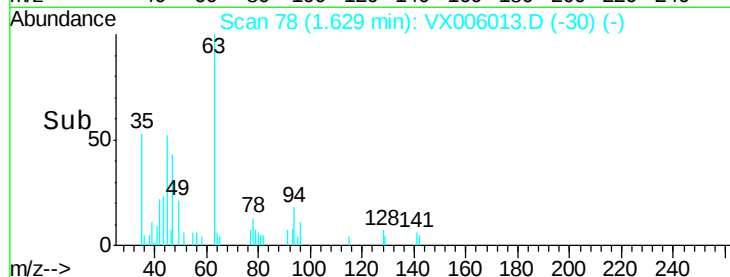
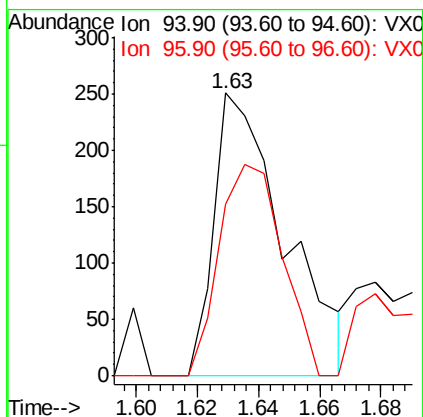
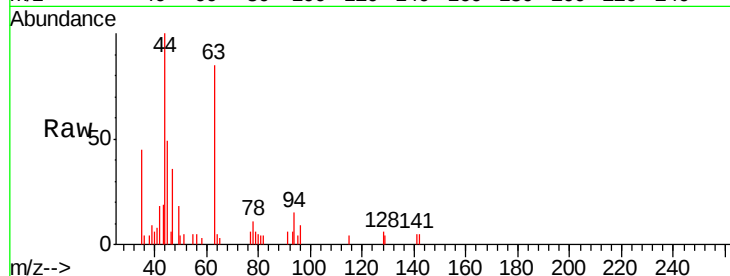
FDSB-12(10-12)

Tgt Ion: 94 Resp: 400

Ion Ratio Lower Upper

94 100

96 60.6 75.2 112.8#



#8

Diethyl Ether

Concen: 0.21 ug/l

RT: 1.93 min Scan# 128

Delta R.T. -0.26 min

Lab File: VX006013.D

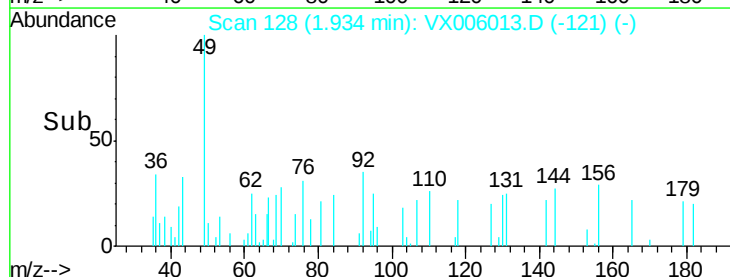
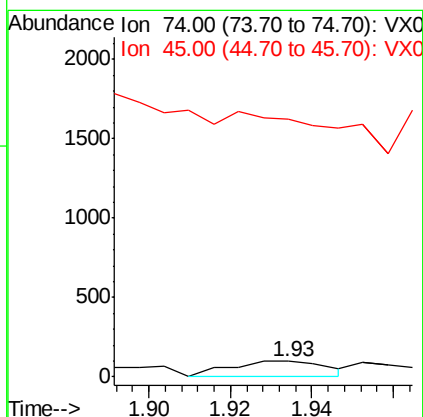
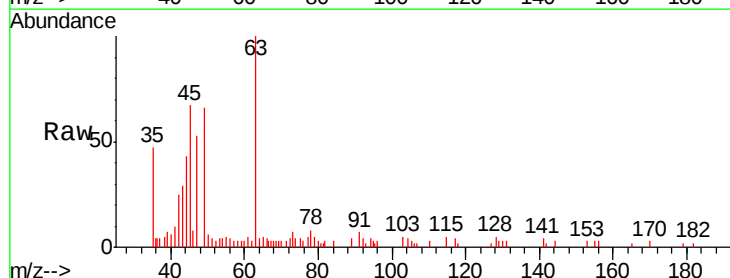
Acq: 15 Nov 2018 09:26

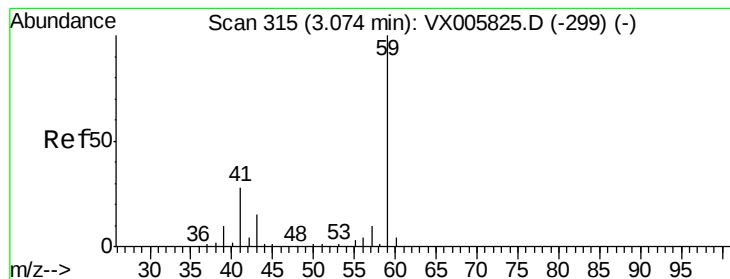
Tgt Ion: 74 Resp: 164

Ion Ratio Lower Upper

74 100

45 0.0 54.1 162.3#



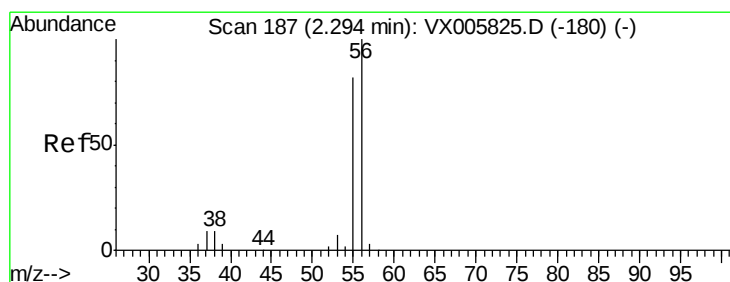
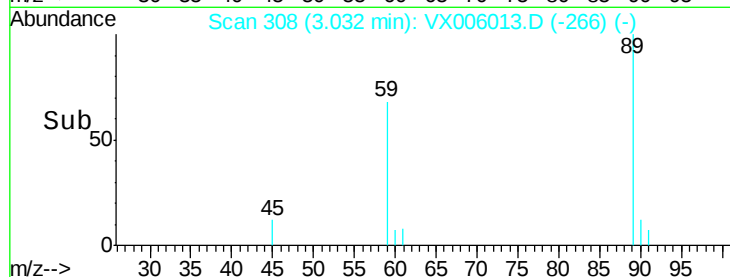
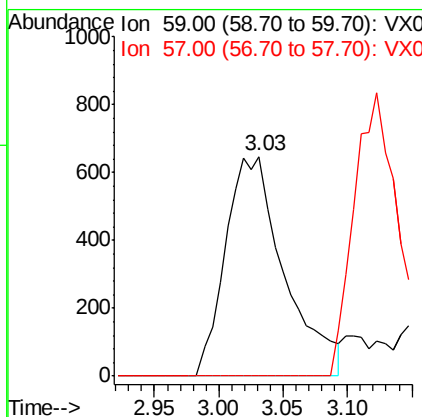
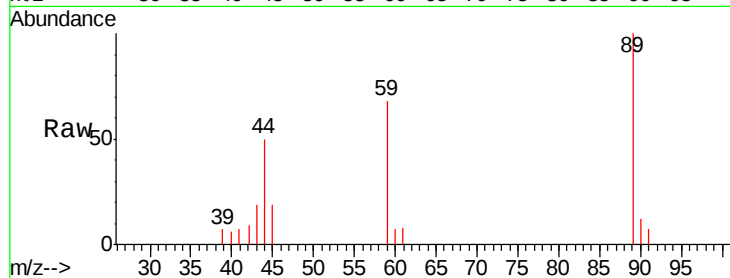


#11

Tert butyl alcohol
 Concen: 4.91 ug/l
 RT: 3.03 min Scan# 308
 Delta R.T. -0.04 min
 Lab File: VX006013.D
 Acq: 15 Nov 2018 09:26

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

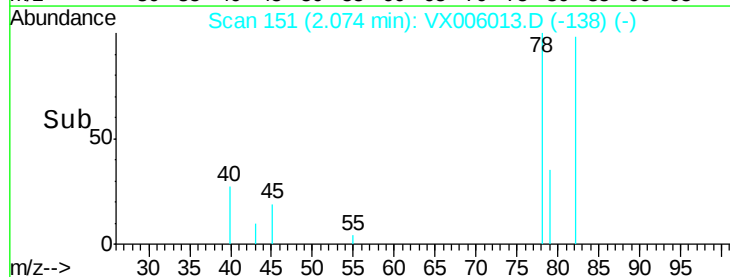
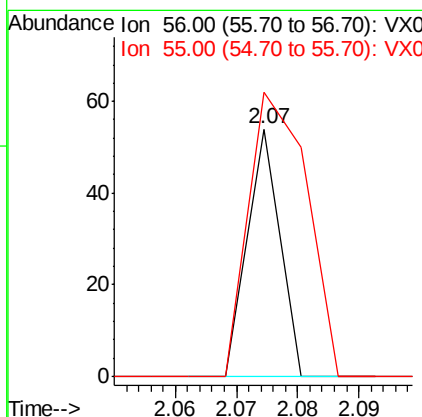
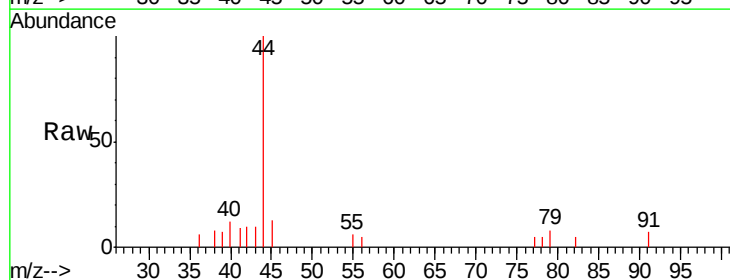
Tgt Ion: 59 Resp: 2059
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

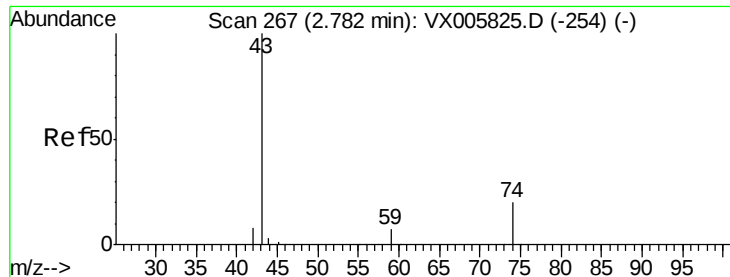


#13

Acrolein
 Concen: 19.26 ug/l
 RT: 2.07 min Scan# 151
 Delta R.T. -0.22 min
 Lab File: VX006013.D
 Acq: 15 Nov 2018 09:26

Tgt Ion: 56 Resp: 20
 Ion Ratio Lower Upper
 56 100
 55 205.0 57.3 85.9#





#18

Methyl Acetate

Concen: 0.37 ug/l

RT: 2.83 min Scan# 275

Delta R.T. 0.05 min

Lab File: VX006013.D

Acq: 15 Nov 2018 09:26

Instrument :

MSVOA_X

ClientSampled :

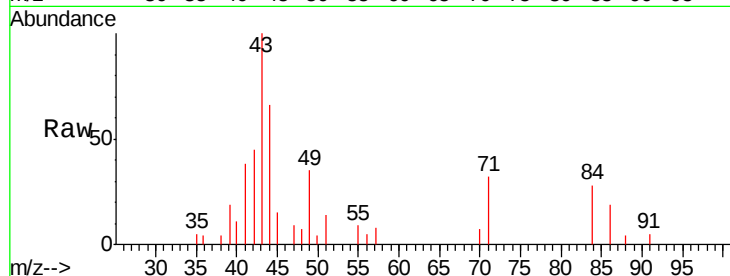
FDSB-12(10-12)

Tgt Ion: 43 Resp: 3893

Ion Ratio Lower Upper

43 100

74 0.0 16.8 25.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.83

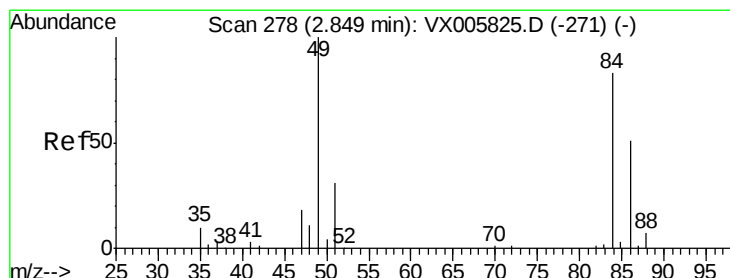
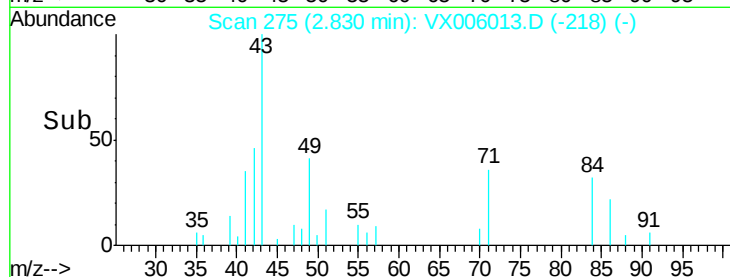
1000

500

0

Time-->

2.70 2.80 2.90



#20

Methylene Chloride

Concen: 0.60 ug/l

RT: 2.84 min Scan# 276

Delta R.T. -0.01 min

Lab File: VX006013.D

Acq: 15 Nov 2018 09:26

Tgt Ion: 84 Resp: 779

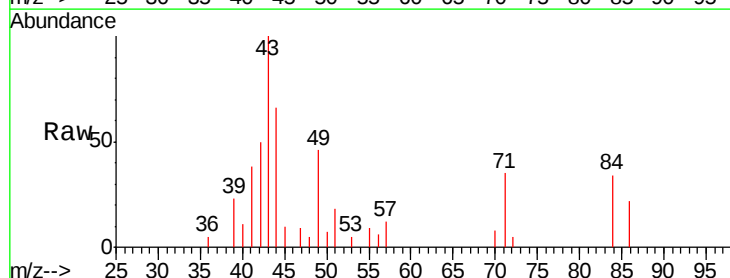
Ion Ratio Lower Upper

84 100

49 135.4 109.5 164.3

51 54.7 33.3 49.9#

86 64.6 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

800

600

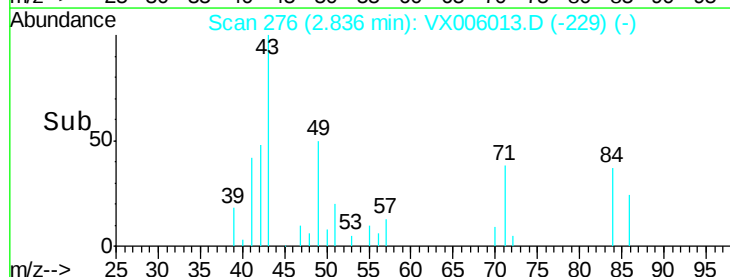
400

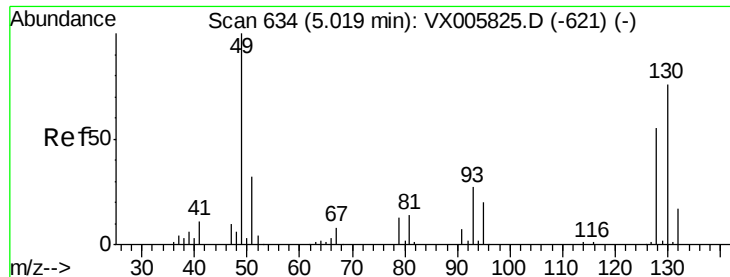
200

0

Time-->

2.80 2.85 2.90





#28

Bromochloromethane

Concen: 0.28 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.19 min

Lab File: VX006013.D

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FDSB-12(10-12)

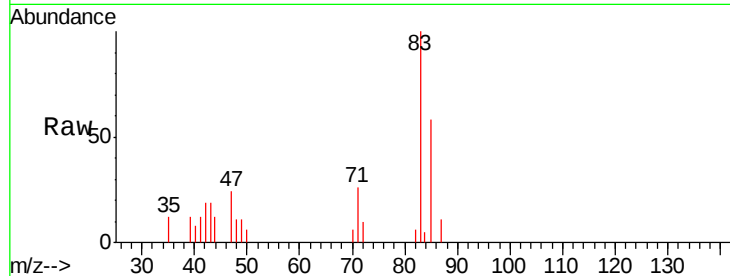
Tgt Ion: 49 Resp: 289

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

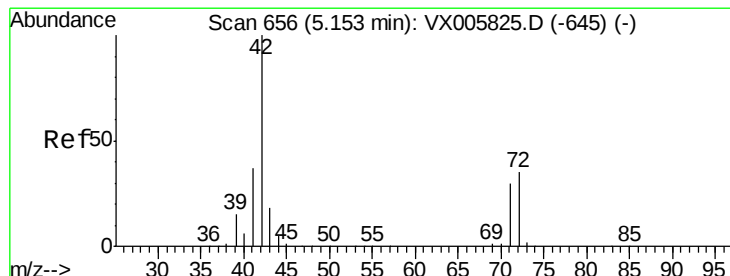
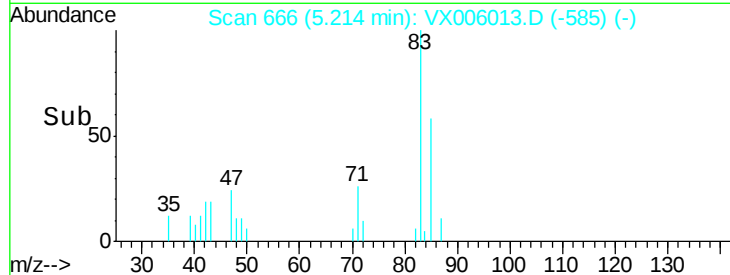
5.21

100

50

0

Time-->



#29

Tetrahydrofuran

Concen: 1.02 ug/l

RT: 5.20 min Scan# 664

Delta R.T. 0.05 min

Lab File: VX006013.D

Acq: 15 Nov 2018 09:26

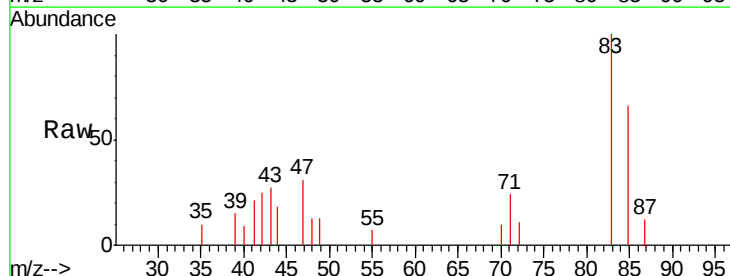
Tgt Ion: 42 Resp: 815

Ion Ratio Lower Upper

42 100

72 0.0 32.0 48.0#

71 94.4 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

5.20

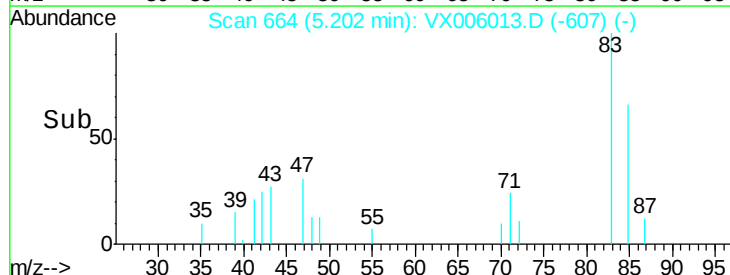
300

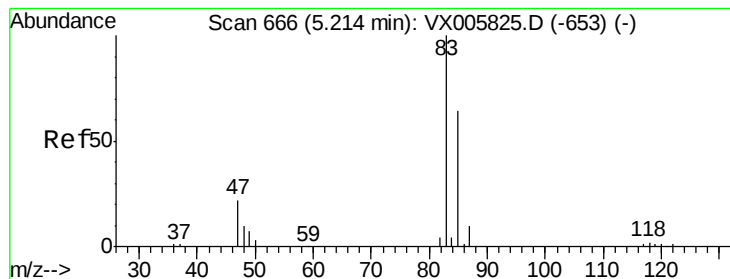
200

100

0

Time-->





#30

Chloroform

Concen: 1.47 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX006013.D

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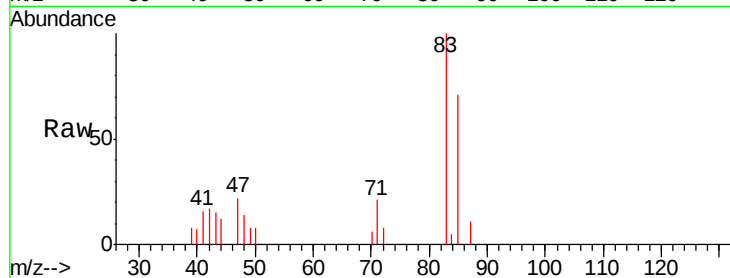
FDSB-12(10-12)

Tgt Ion: 83 Resp: 3328

Ion Ratio Lower Upper

83 100

85 71.5 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

5.21

1200

1000

800

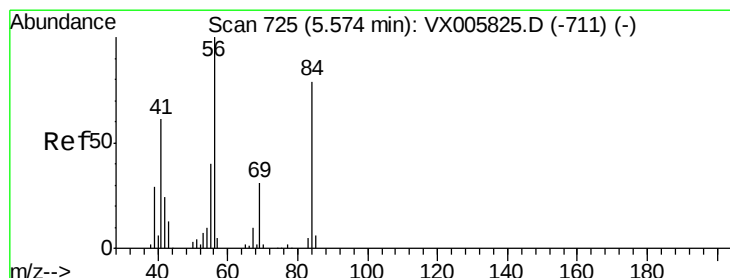
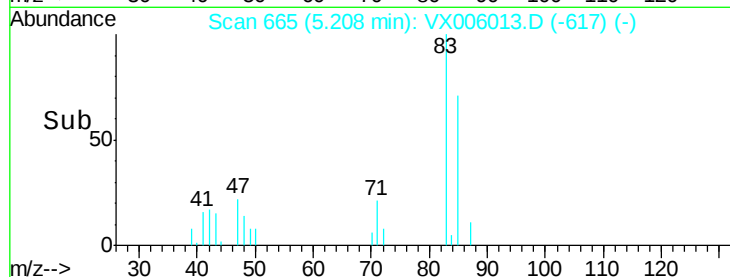
600

400

200

0

Time--> 5.10 5.15 5.20 5.25 5.30



#31

Cyclohexane

Concen: 1.68 ug/l

RT: 5.55 min Scan# 721

Delta R.T. -0.02 min

Lab File: VX006013.D

Acq: 15 Nov 2018 09:26

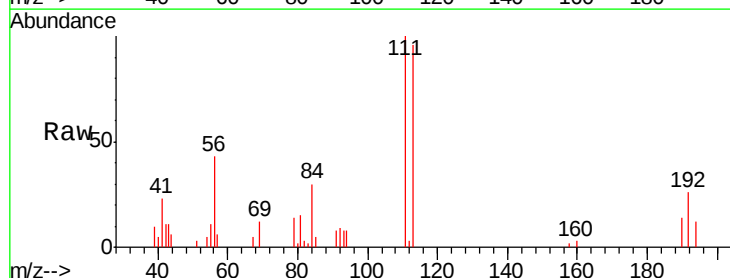
Tgt Ion: 56 Resp: 3431

Ion Ratio Lower Upper

56 100

69 28.4 22.6 34.0

84 70.7 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

2000

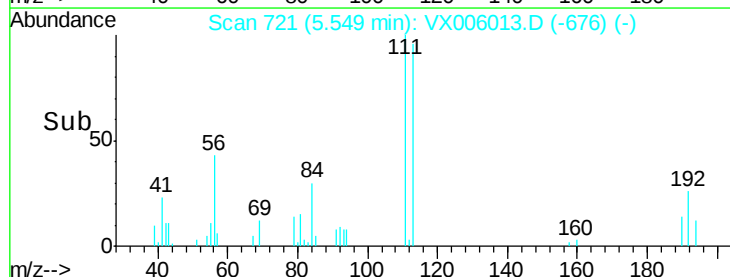
1500

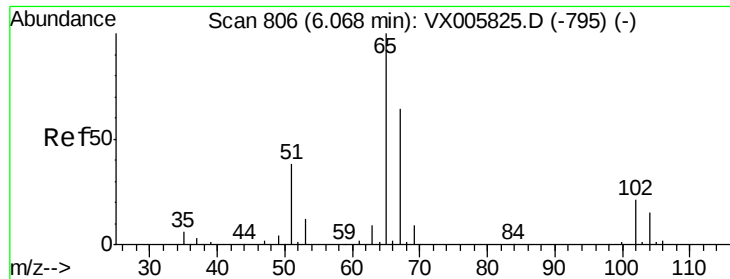
1000

500

0

Time--> 5.45 5.50 5.55 5.60

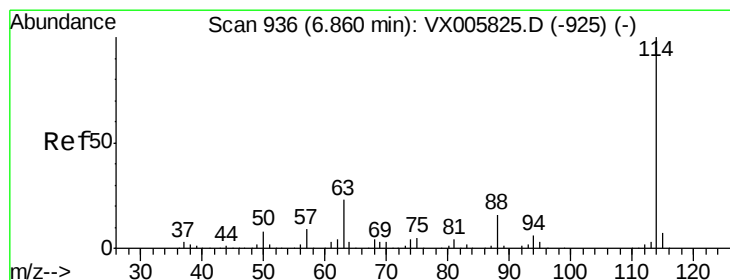
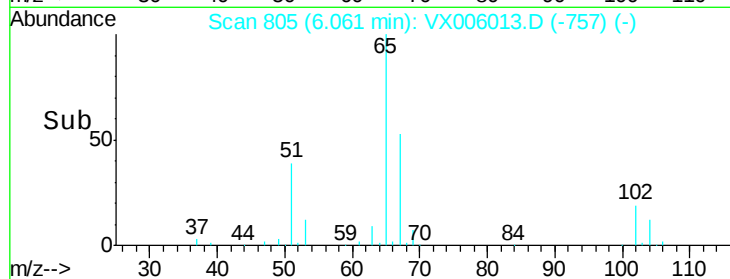
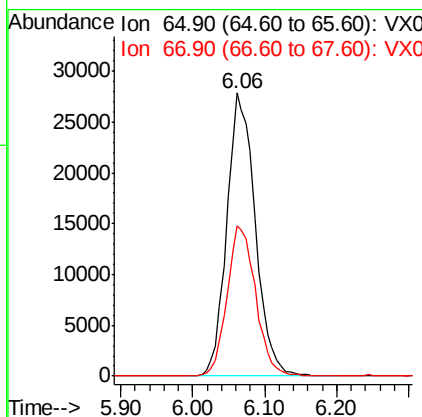
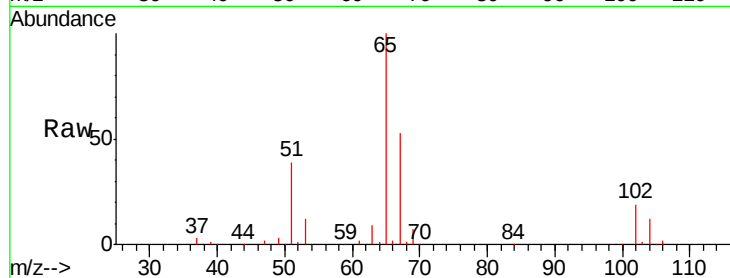




#33
 1,2-Dichloroethane-d4
 Concen: 52.22 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX006013.D
 Acq: 15 Nov 2018 09:26

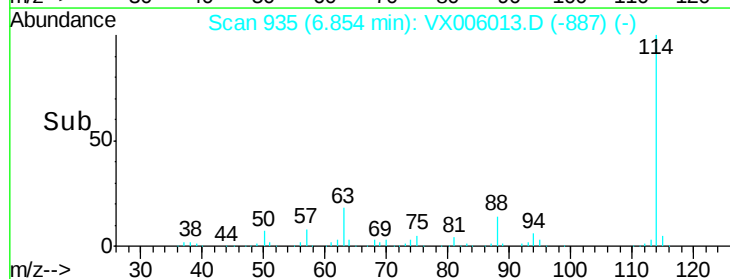
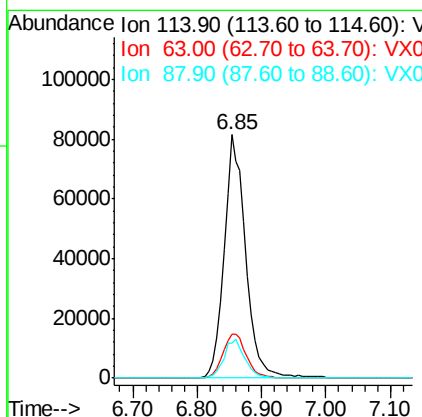
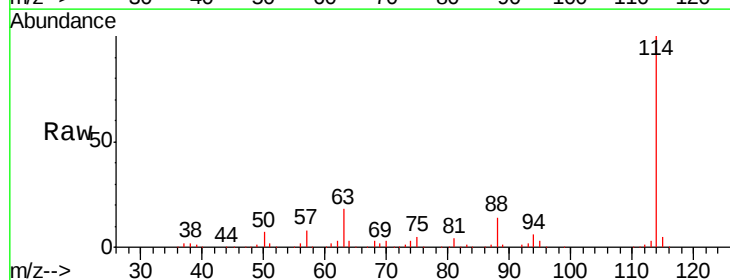
Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-12(10-12)

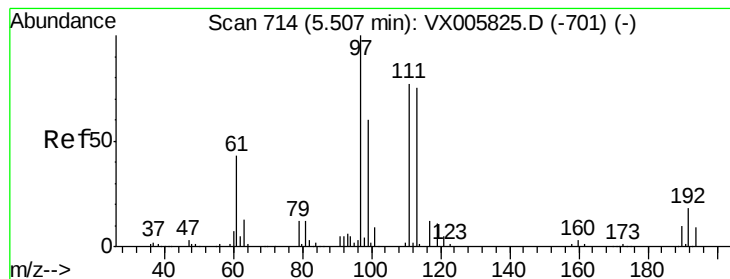
Tgt Ion: 65 Resp: 76497
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX006013.D
 Acq: 15 Nov 2018 09:26

Tgt Ion: 114 Resp: 191410
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 42.8
 88 14.3 0.0 31.2





#35

Dibromofluoromethane

Concen: 46.18 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX006013.D

Acq: 15 Nov 2018 09:26

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

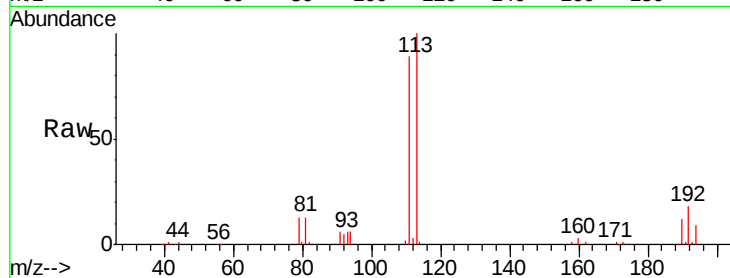
Tgt Ion:113 Resp: 60117

Ion Ratio Lower Upper

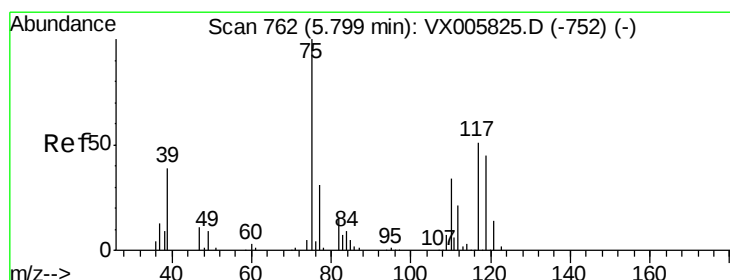
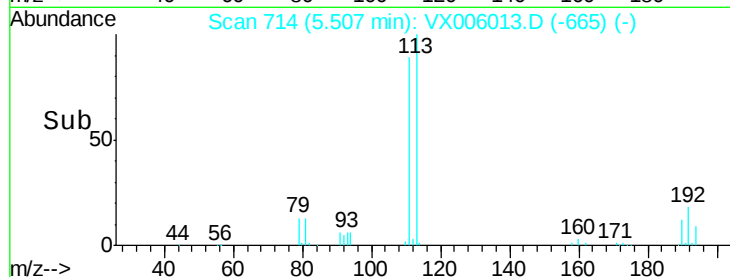
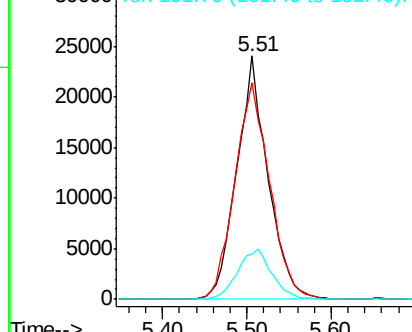
113 100

111 99.9 82.3 123.5

192 22.6 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: 4.92 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.15 min

Lab File: VX006013.D

Acq: 15 Nov 2018 09:26

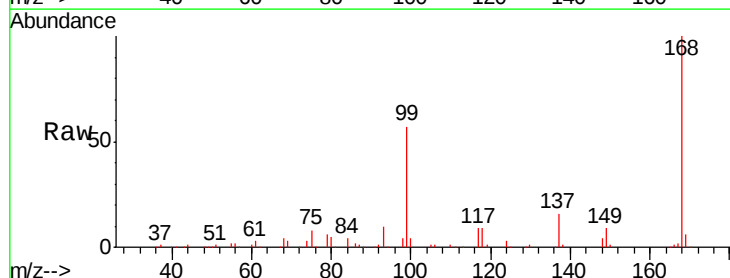
Tgt Ion: 75 Resp: 9076

Ion Ratio Lower Upper

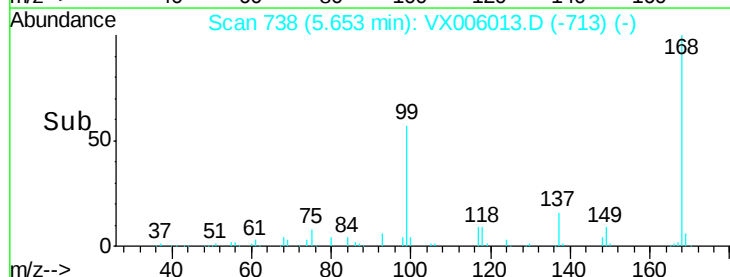
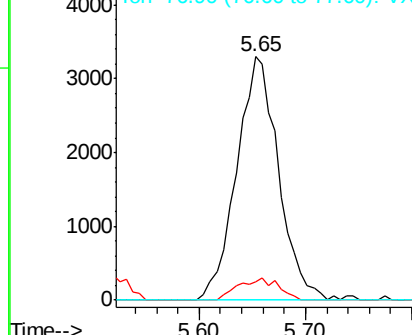
75 100

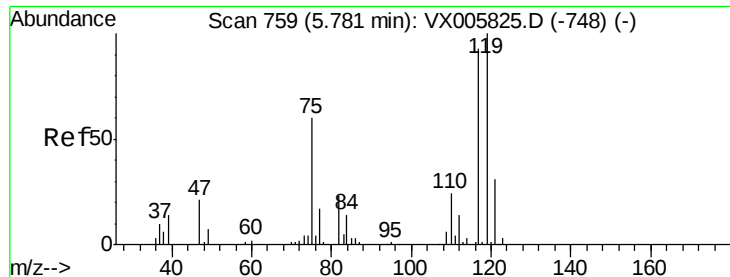
110 8.5 17.4 52.2#

77 0.0 25.8 38.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.01 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX006013.D

Acq: 15 Nov 2018 09:26

Instrument :

MSVOA_X

ClientSampleId :

FDSB-12(10-12)

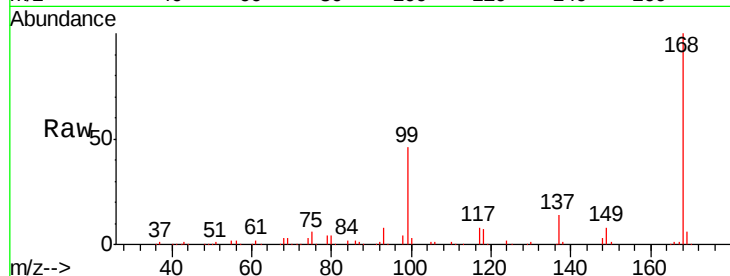
Tgt Ion:117 Resp: 11098

Ion Ratio Lower Upper

117 100

119 5.4 78.1 117.1#

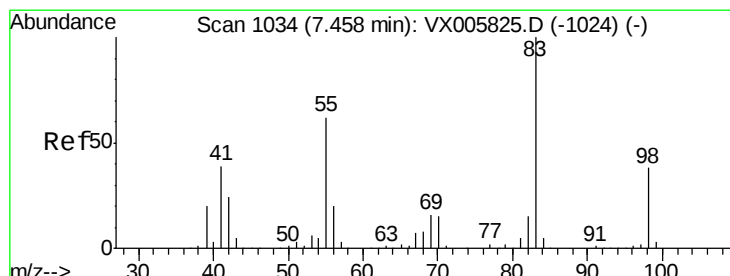
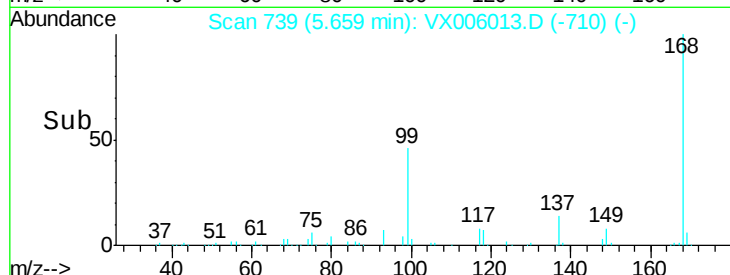
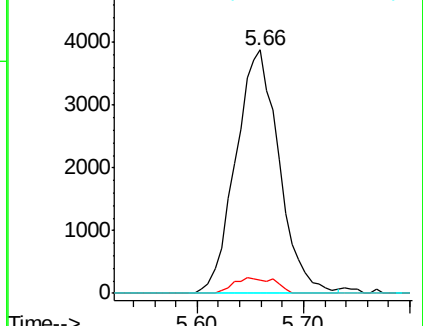
121 0.0 24.6 36.8#



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



#39

Methylcyclohexane

Concen: 17.93 ug/l

RT: 7.45 min Scan# 1033

Delta R.T. -0.01 min

Lab File: VX006013.D

Acq: 15 Nov 2018 09:26

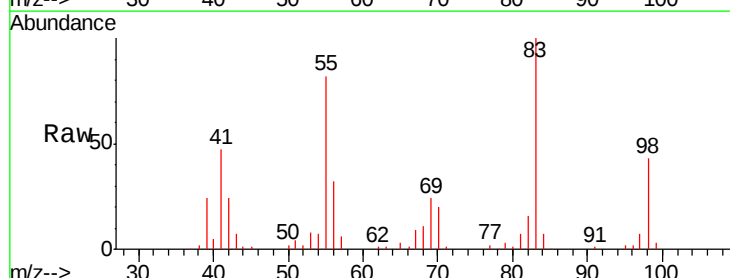
Tgt Ion: 83 Resp: 33538

Ion Ratio Lower Upper

83 100

55 81.7 63.7 95.5

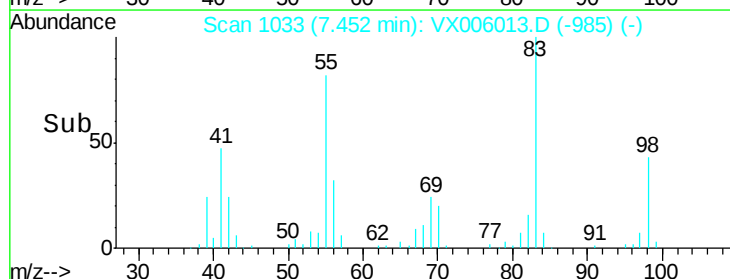
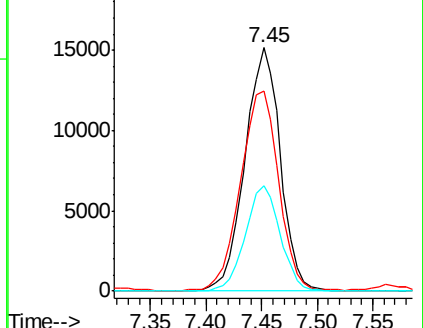
98 43.4 36.2 54.2

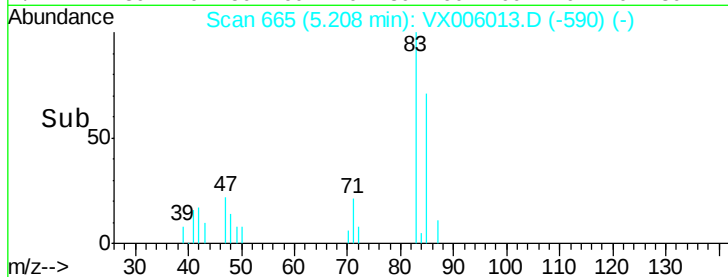
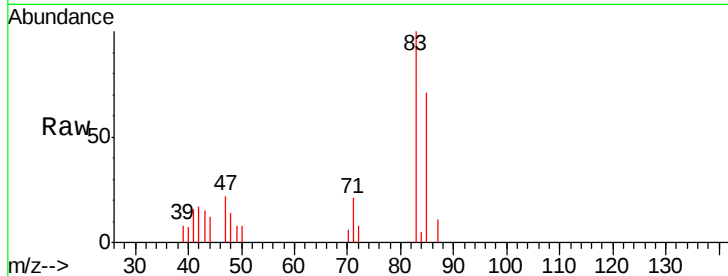
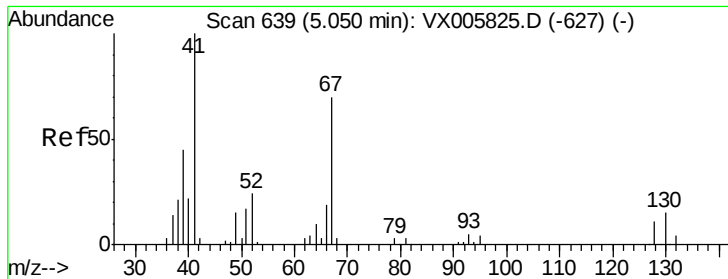


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

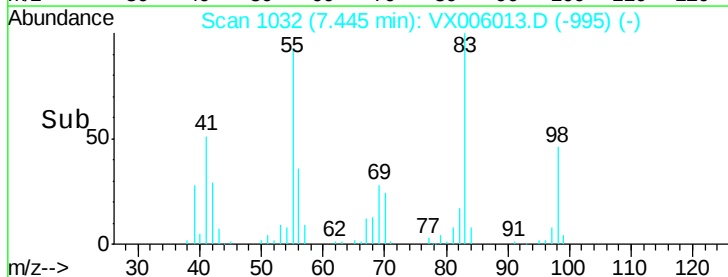
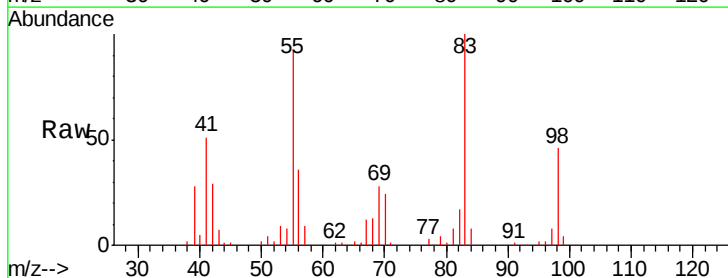
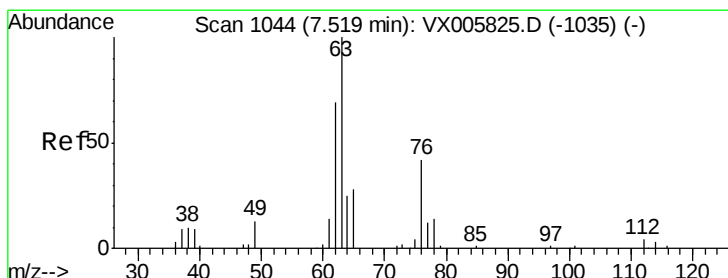
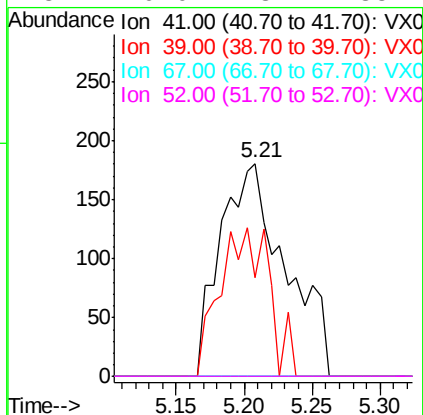




#41
Methacrylonitrile
Concen: 0.46 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.16 min
Lab File: VX006013.D
Acq: 15 Nov 2018 09:26

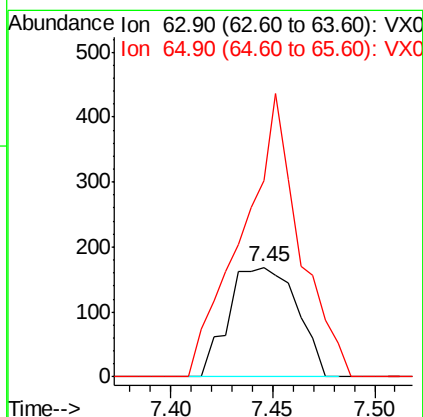
Instrument :
MSVOA_X
ClientSampleId :
FDSB-12(10-12)

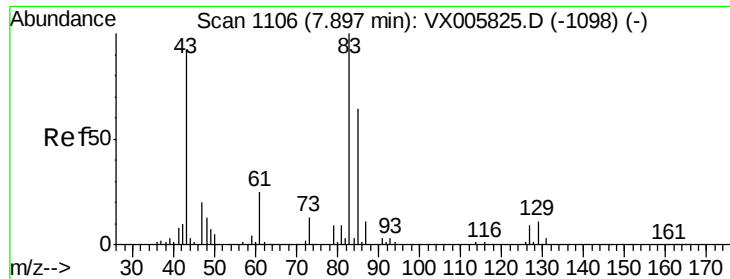
Tgt Ion: 41 Resp: 604
Ion Ratio Lower Upper
41 100
39 53.0 42.2 63.2
67 0.0 53.4 80.0#
52 0.0 23.4 35.2#



#45
1,2-Dichloropropane
Concen: 0.30 ug/l
RT: 7.45 min Scan# 1032
Delta R.T. -0.07 min
Lab File: VX006013.D
Acq: 15 Nov 2018 09:26

Tgt Ion: 63 Resp: 392
Ion Ratio Lower Upper
63 100
65 179.3 24.8 37.2#





#47

Bromodichloromethane

Concen: 0.25 ug/l

RT: 7.91 min Scan# 1108

Delta R.T. 0.01 min

Lab File: VX006013.D

Acq: 15 Nov 2018 09:26

Instrument :

MSVOA_X

ClientSampleId :

FDSB-12(10-12)

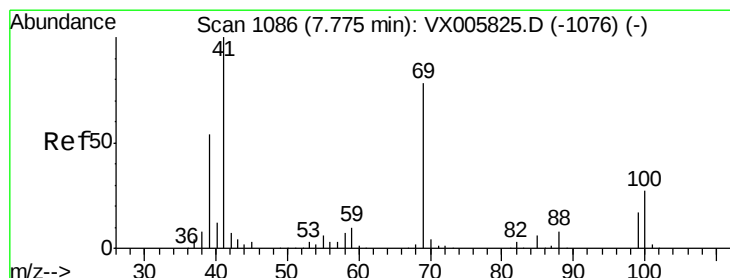
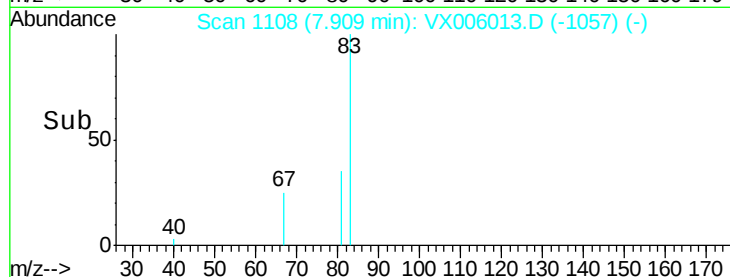
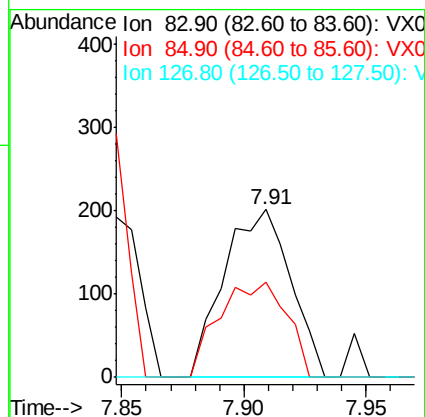
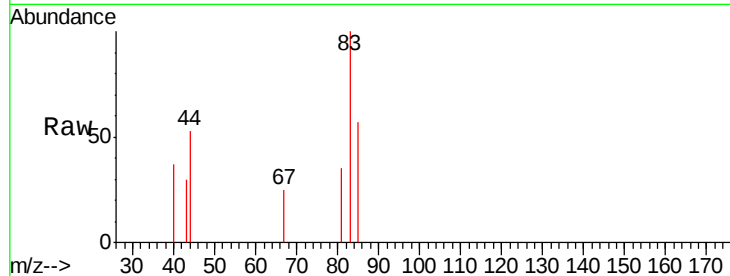
Tgt Ion: 83 Resp: 382

Ion Ratio Lower Upper

83 100

85 56.7 50.2 75.4

127 0.0 6.9 10.3#



#48

Methyl methacrylate

Concen: 1.43 ug/l

RT: 7.73 min Scan# 1078

Delta R.T. -0.05 min

Lab File: VX006013.D

Acq: 15 Nov 2018 09:26

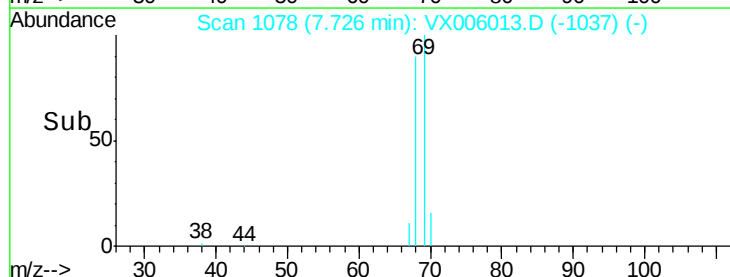
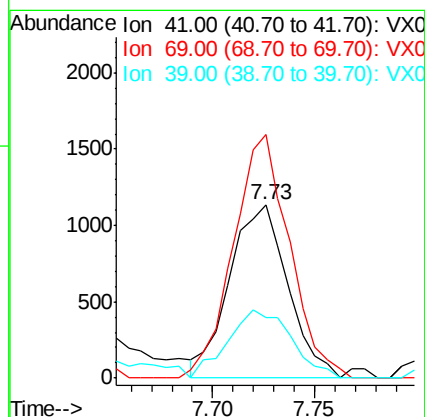
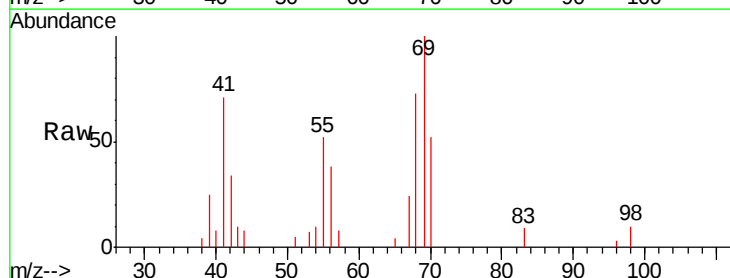
Tgt Ion: 41 Resp: 2261

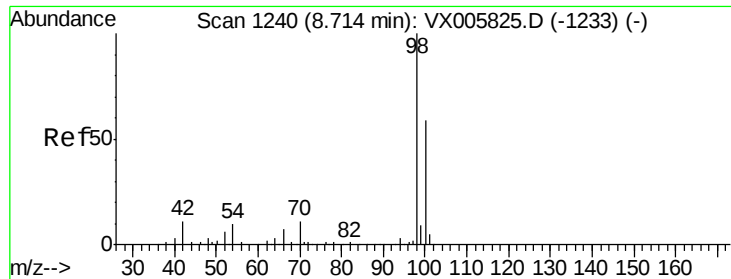
Ion Ratio Lower Upper

41 100

69 134.8 63.2 94.8#

39 42.9 42.2 63.2

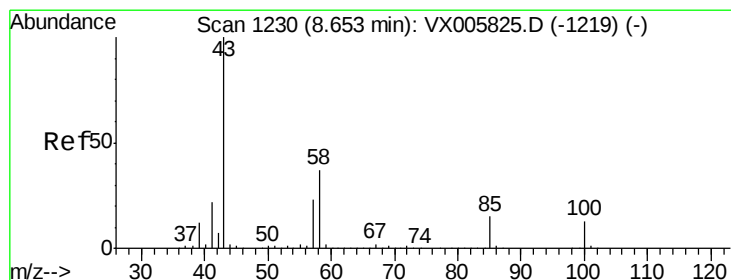
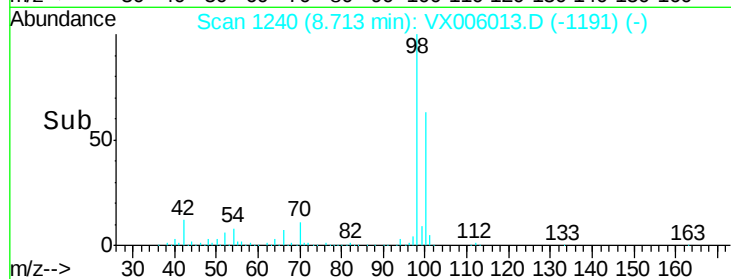
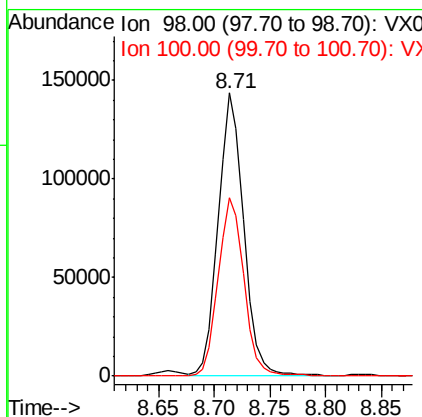
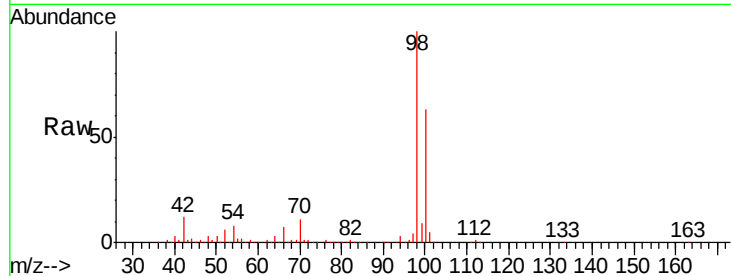




#50
Toluene-d8
Concen: 52.61 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006013.D
Acq: 15 Nov 2018 09:26

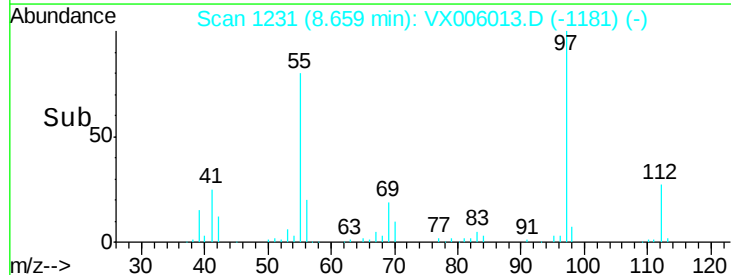
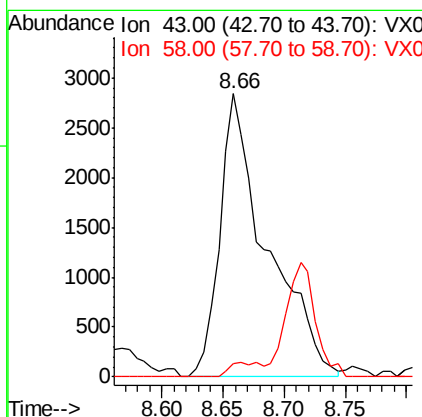
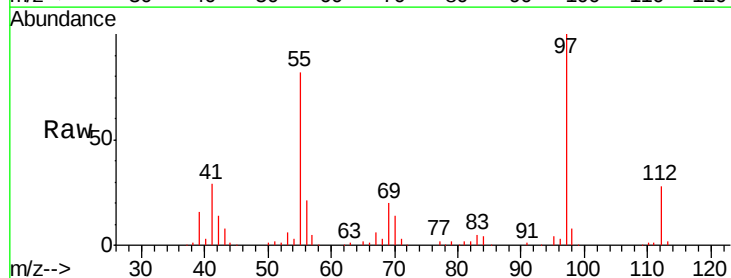
Instrument :
MSVOA_X
ClientSampleId :
FDSB-12(10-12)

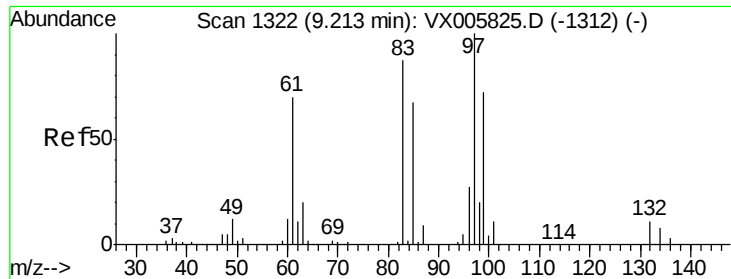
Tgt Ion: 98 Resp: 227706
Ion Ratio Lower Upper
98 100
100 64.5 51.3 76.9



#51
4-Methyl-2-Pentanone
Concen: 3.43 ug/l
RT: 8.66 min Scan# 1231
Delta R.T. 0.01 min
Lab File: VX006013.D
Acq: 15 Nov 2018 09:26

Tgt Ion: 43 Resp: 7591
Ion Ratio Lower Upper
43 100
58 2.2 29.7 44.5#

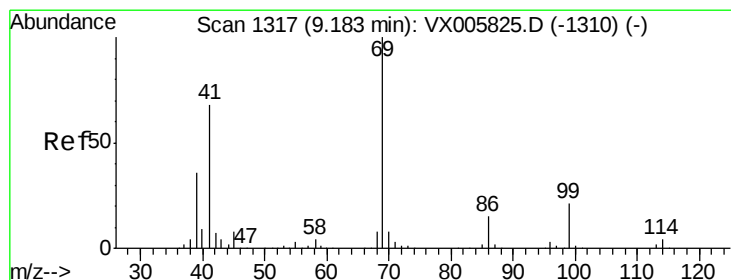
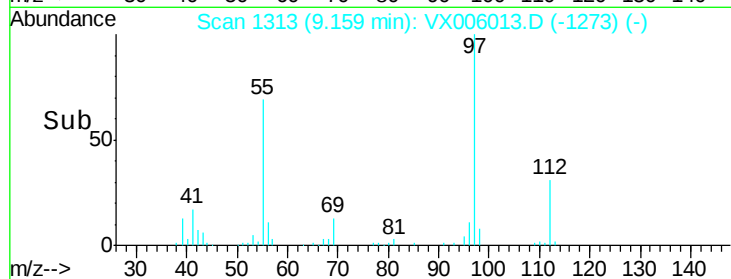
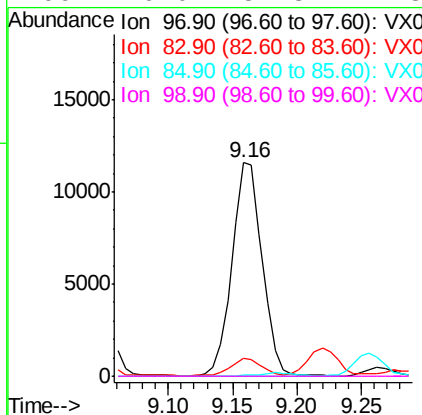
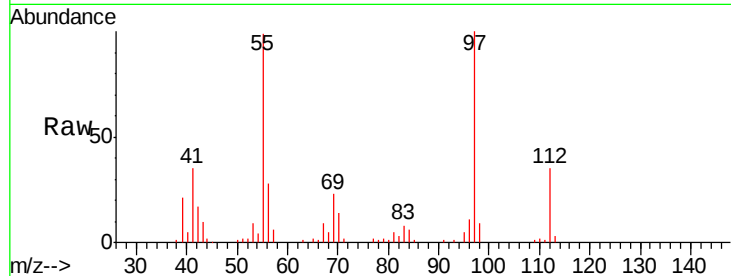




#55
 1,1,2-Trichloroethane
 Concen: 14.12 ug/l
 RT: 9.16 min Scan# 1313
 Delta R.T. -0.05 min
 Lab File: VX006013.D
 Acq: 15 Nov 2018 09:26

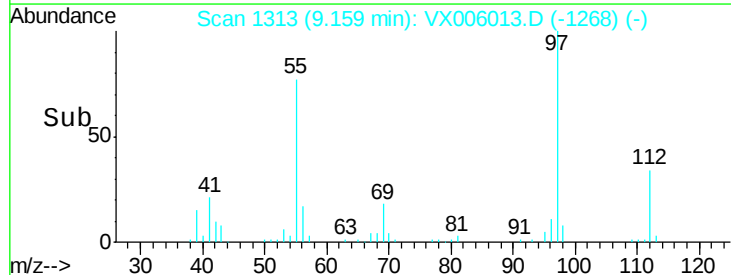
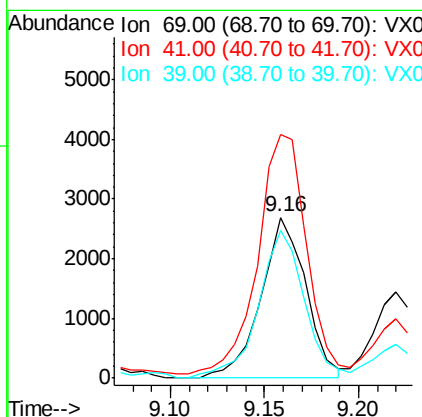
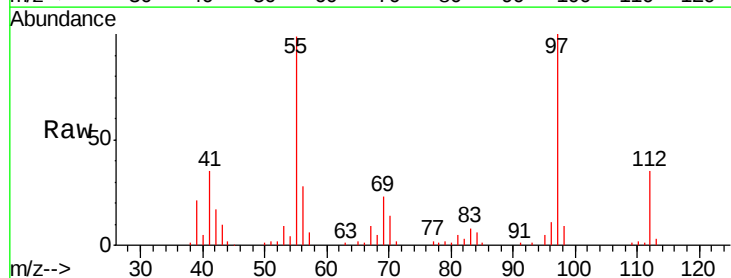
Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-12(10-12)

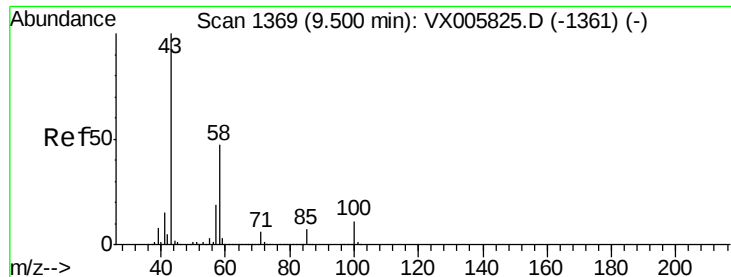
Tgt Ion: 97 Resp: 18923
 Ion Ratio Lower Upper
 97 100
 83 8.1 70.7 106.1#
 85 0.5 45.8 68.6#
 99 0.0 51.8 77.8#



#56
 Ethyl methacrylate
 Concen: 2.22 ug/l
 RT: 9.16 min Scan# 1313
 Delta R.T. -0.02 min
 Lab File: VX006013.D
 Acq: 15 Nov 2018 09:26

Tgt Ion: 69 Resp: 4457
 Ion Ratio Lower Upper
 69 100
 41 160.4 57.0 85.6#
 39 93.6 28.3 42.5#

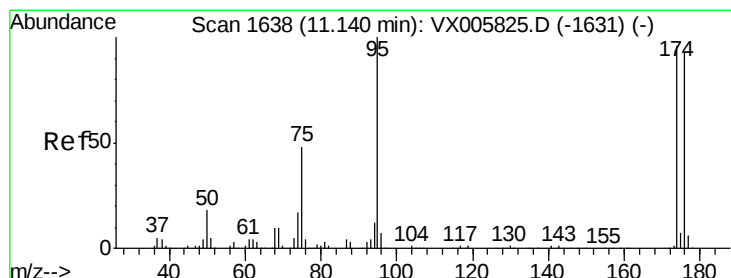
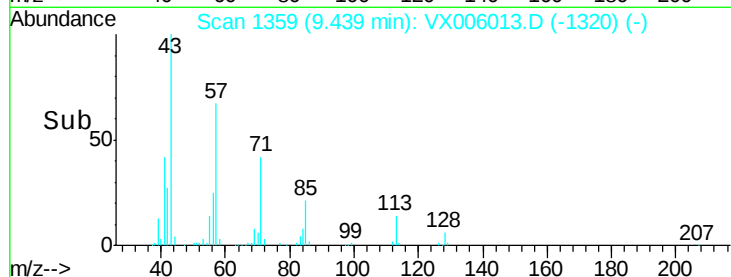
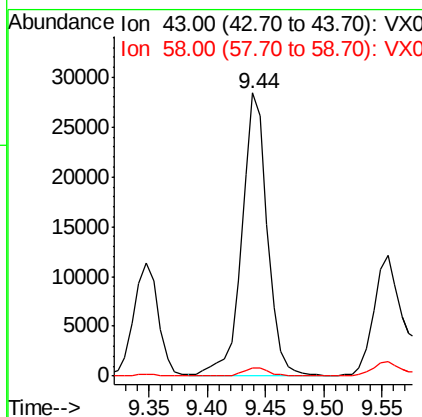
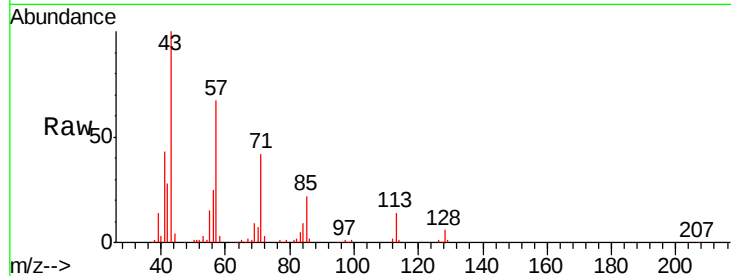




#59
2-Hexanone
Concen: 21.94 ug/l
RT: 9.44 min Scan# 1359
Delta R.T. -0.06 min
Lab File: VX006013.D
Acq: 15 Nov 2018 09:26

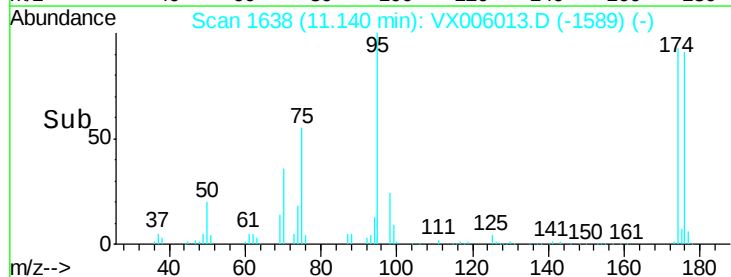
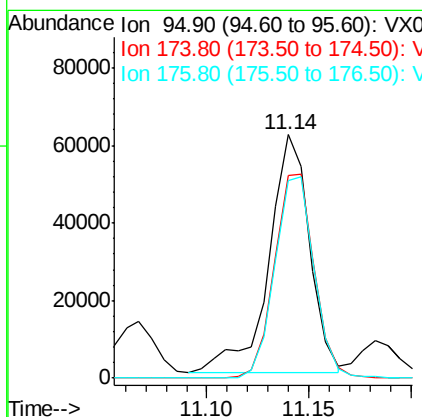
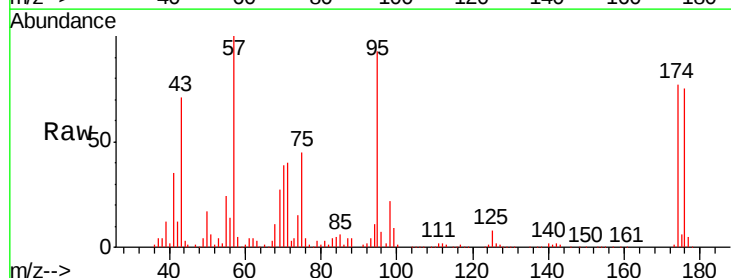
Instrument :
MSVOA_X
ClientSampleId :
FDSB-12(10-12)

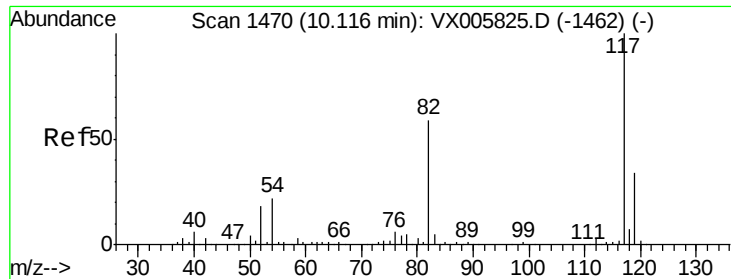
Tgt Ion: 43 Resp: 42853
Ion Ratio Lower Upper
43 100
58 3.2 25.9 77.8#



#62
4-Bromofluorobenzene
Concen: 55.14 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX006013.D
Acq: 15 Nov 2018 09:26

Tgt Ion: 95 Resp: 85804
Ion Ratio Lower Upper
95 100
174 83.4 0.0 184.4
176 81.6 0.0 177.4

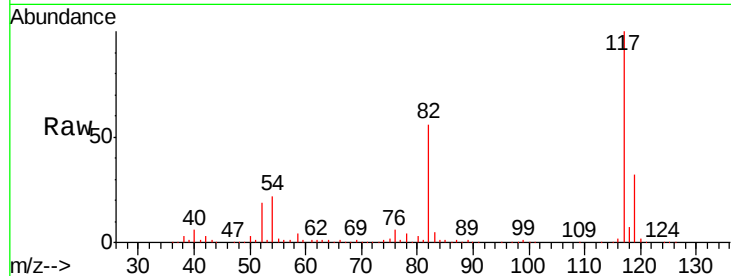




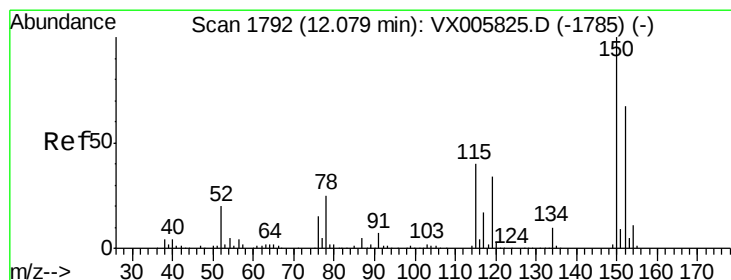
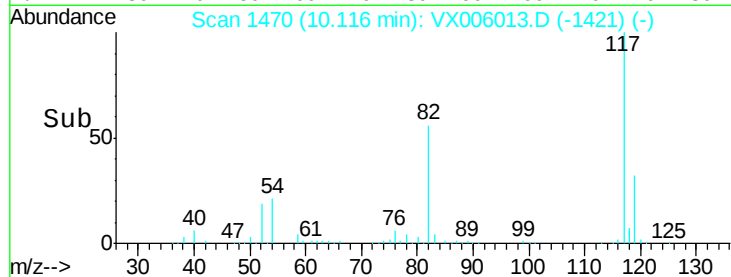
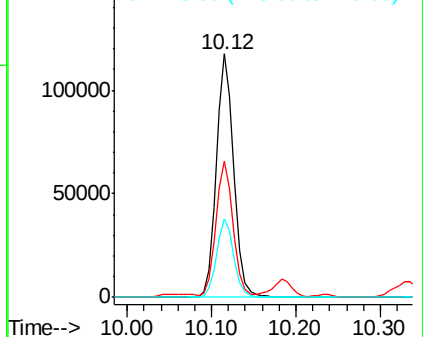
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006013.D
Acq: 15 Nov 2018 09:26

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

Tgt Ion:117 Resp: 167415
Ion Ratio Lower Upper
117 100
82 55.6 44.1 66.1
119 32.2 26.2 39.2

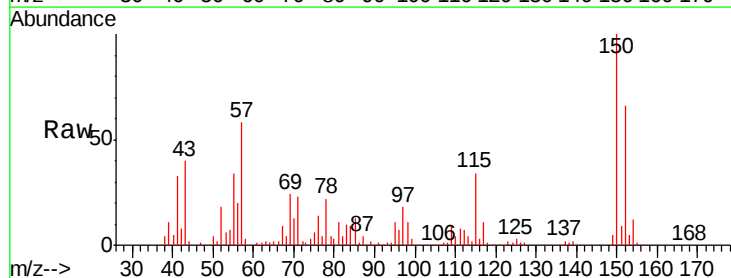


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

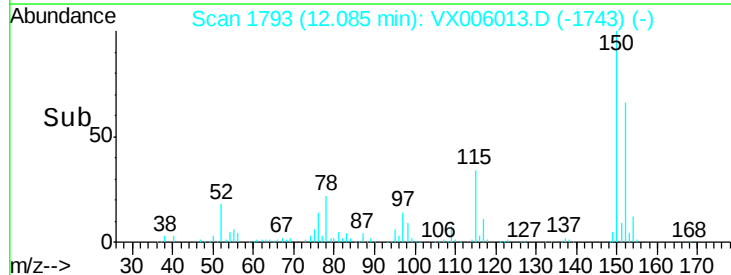
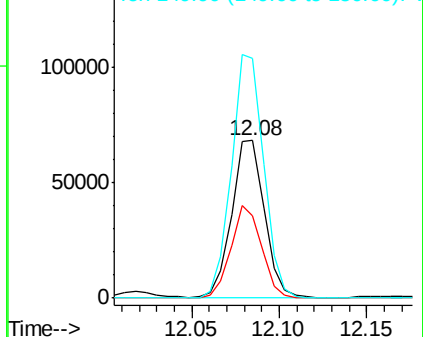


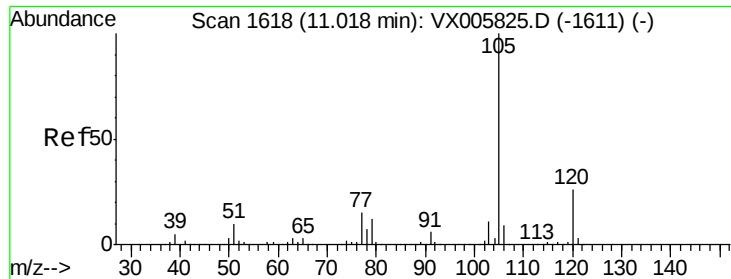
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1793
Delta R.T. 0.01 min
Lab File: VX006013.D
Acq: 15 Nov 2018 09:26

Tgt Ion:152 Resp: 88818
Ion Ratio Lower Upper
152 100
115 54.8 39.4 118.1
150 152.6 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: 11.23 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006013.D

Acq: 15 Nov 2018 09:26

Instrument :

MSVOA_X

ClientSampleId :

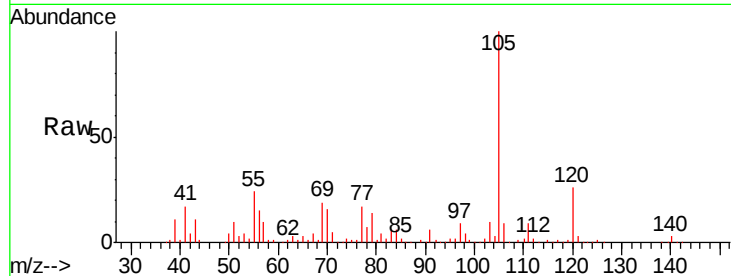
FDSB-12(10-12)

Tgt Ion: 105 Resp: 57705

Ion Ratio Lower Upper

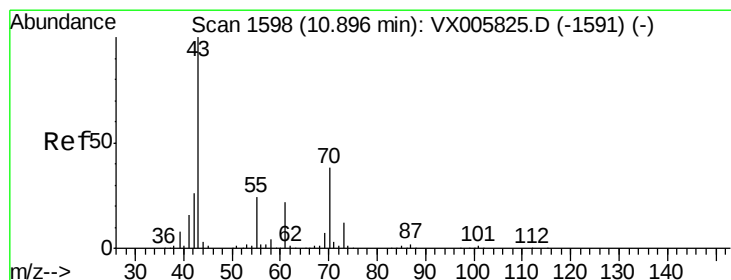
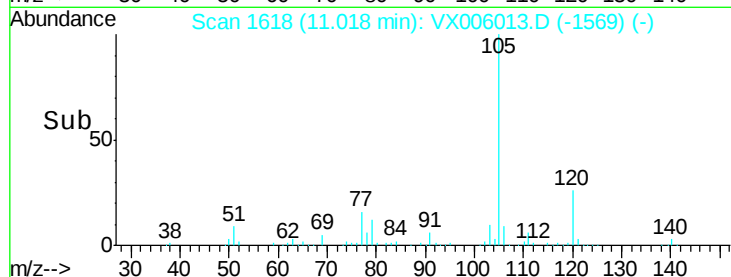
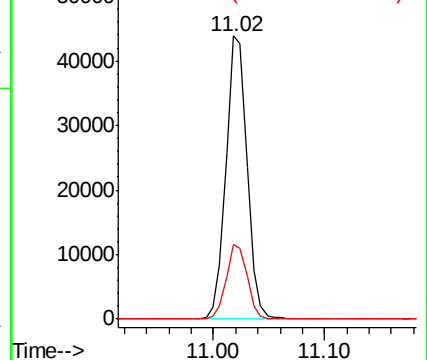
105 100

120 26.1 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: 24.81 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX006013.D

Acq: 15 Nov 2018 09:26

Tgt Ion: 43 Resp: 69645

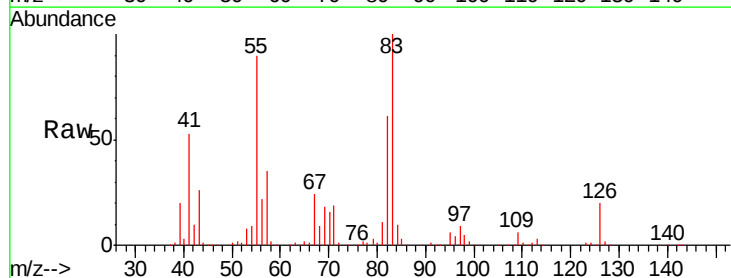
Ion Ratio Lower Upper

43 100

70 68.0 31.6 47.4#

55 283.2 19.7 29.5#

61 0.0 18.3 27.5#

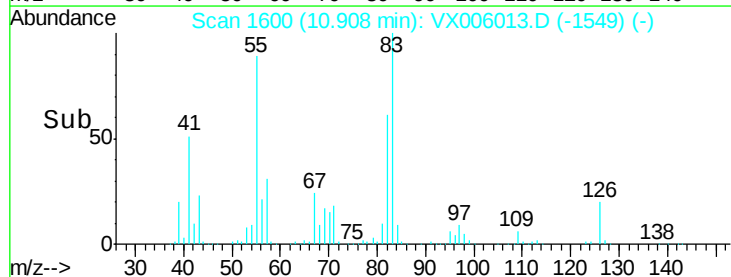
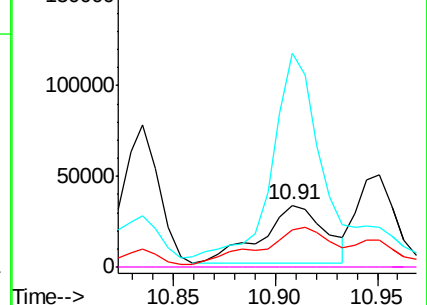


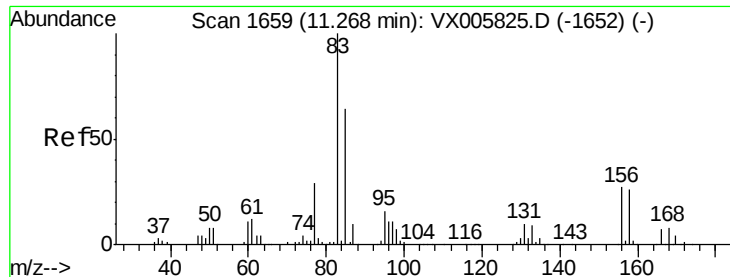
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 19.41 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX006013.D

Acq: 15 Nov 2018 09:26

Instrument :

MSVOA_X

ClientSampleId :

FDSB-12(10-12)

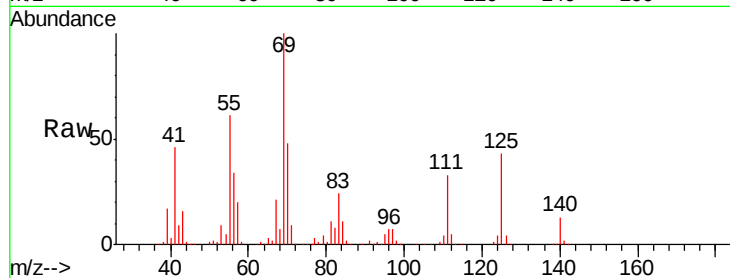
Tgt Ion: 83 Resp: 36586

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

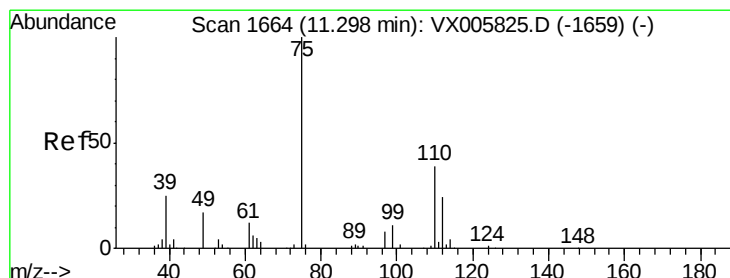
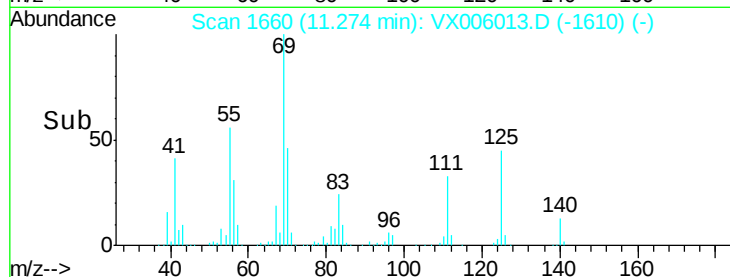
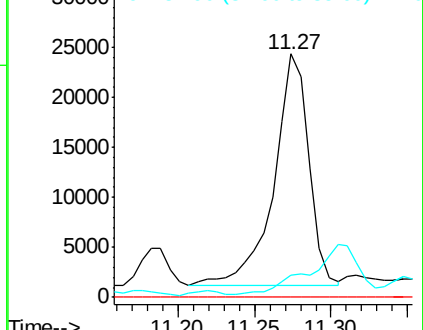
85 0.0 32.0 96.2#



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: 22.07 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX006013.D

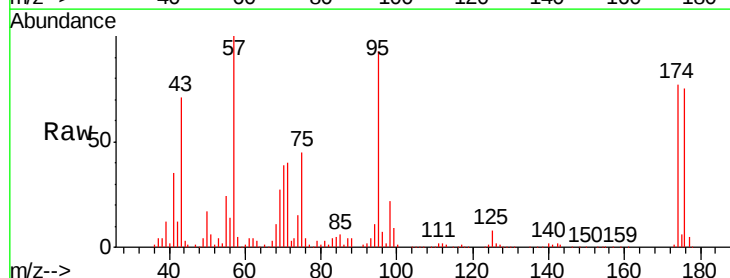
Acq: 15 Nov 2018 09:26

Tgt Ion: 75 Resp: 39909

Ion Ratio Lower Upper

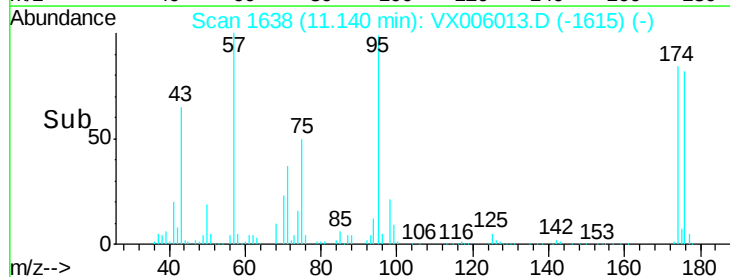
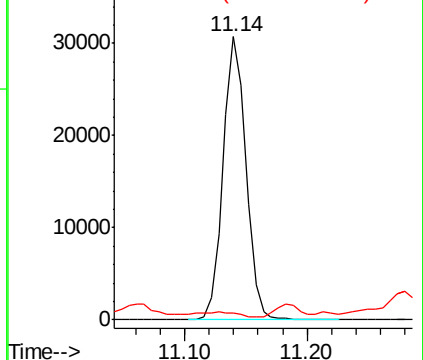
75 100

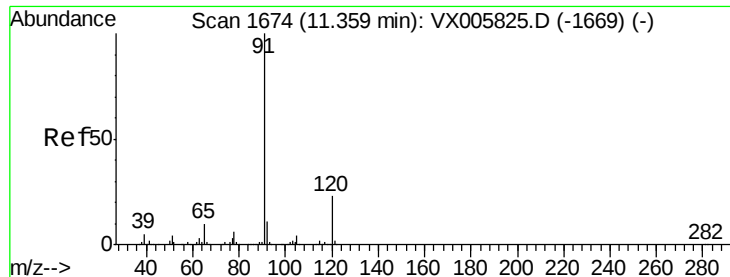
77 3.3 20.5 61.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 26.43 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006013.D

Acq: 15 Nov 2018 09:26

Instrument :

MSVOA_X

ClientSampleId :

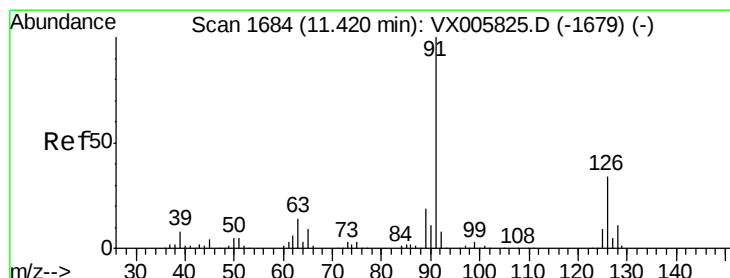
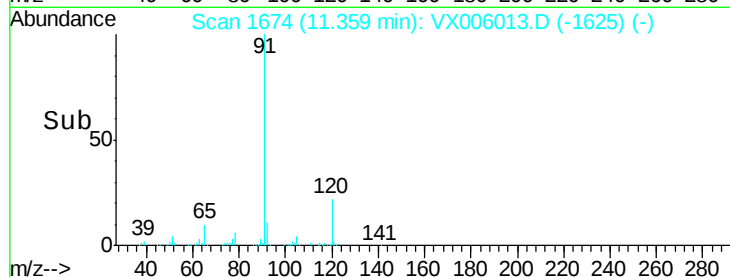
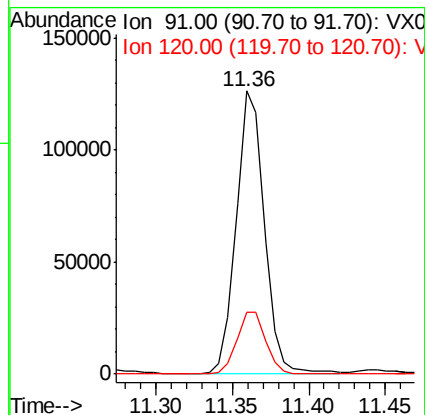
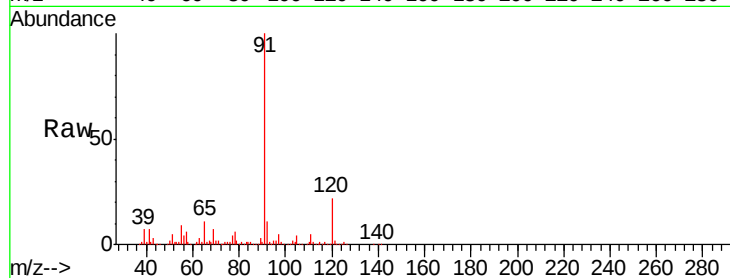
FDSB-12(10-12)

Tgt Ion: 91 Resp: 160012

Ion Ratio Lower Upper

91 100

120 22.5 11.9 35.5



#79

2-Chlorotoluene

Concen: 43.73 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.06 min

Lab File: VX006013.D

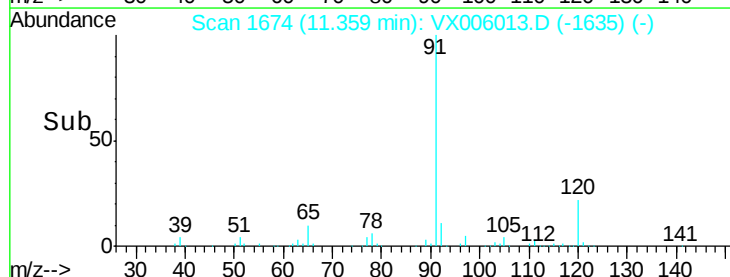
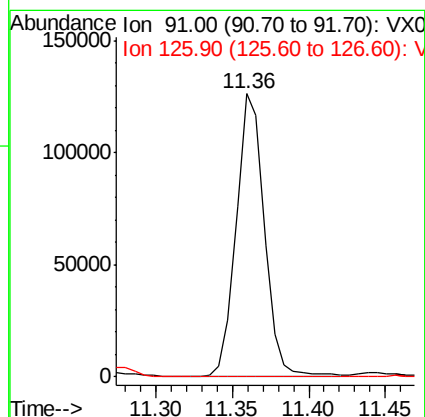
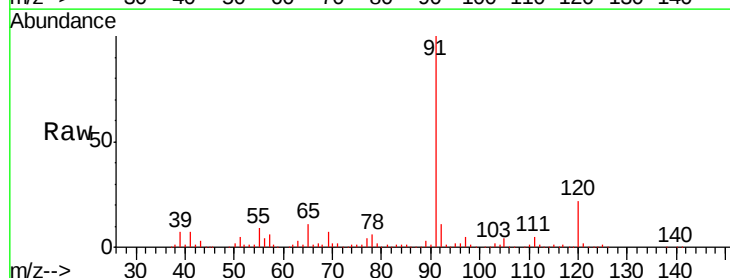
Acq: 15 Nov 2018 09:26

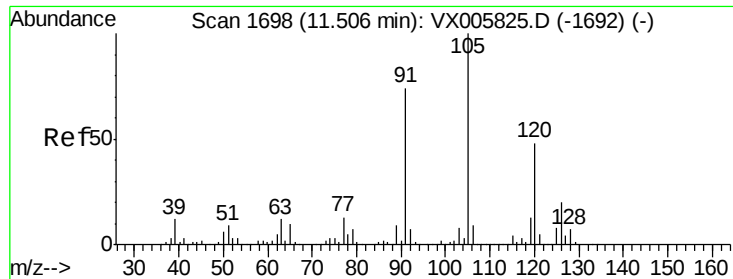
Tgt Ion: 91 Resp: 160012

Ion Ratio Lower Upper

91 100

126 0.1 17.3 52.0#

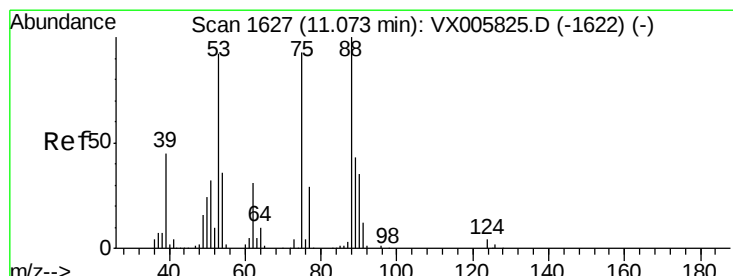
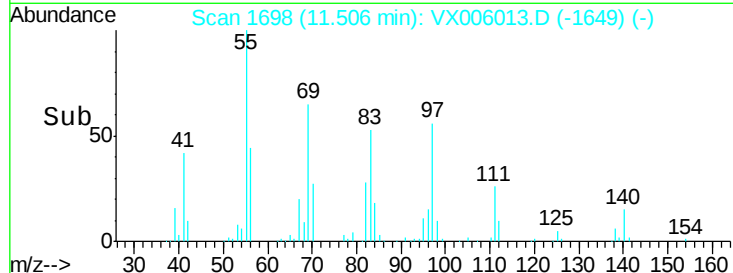
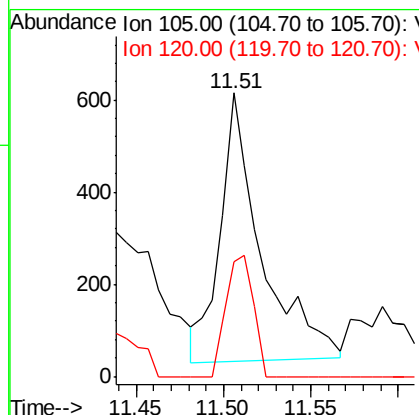
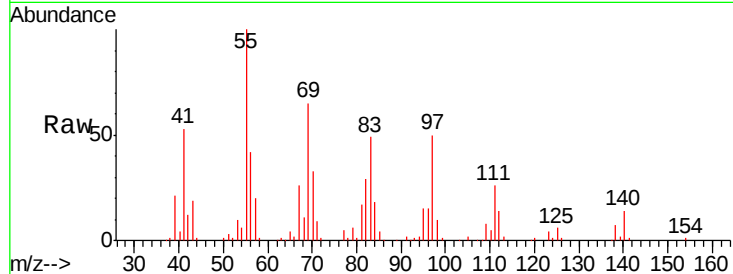




#80
 1,3,5-Trimethylbenzene
 Concen: 0.22 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX006013.D
 Acq: 15 Nov 2018 09:26

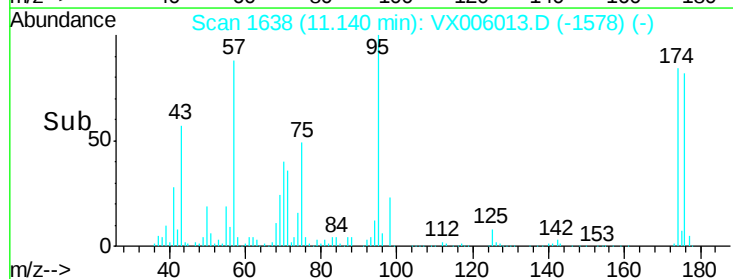
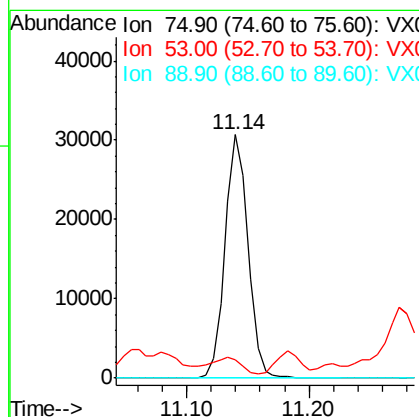
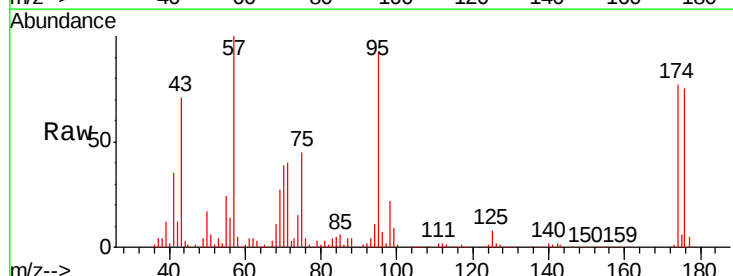
Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-12(10-12)

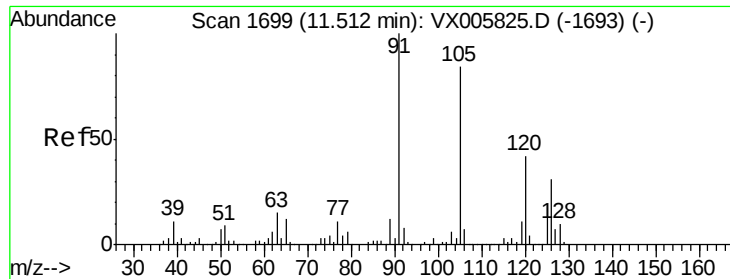
Tgt Ion: 105 Resp: 948
 Ion Ratio Lower Upper
 105 100
 120 0.0 24.1 72.2#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.33 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.07 min
 Lab File: VX006013.D
 Acq: 15 Nov 2018 09:26

Tgt Ion: 75 Resp: 39909
 Ion Ratio Lower Upper
 75 100
 53 8.3 80.2 120.2#
 89 0.0 39.8 59.8#

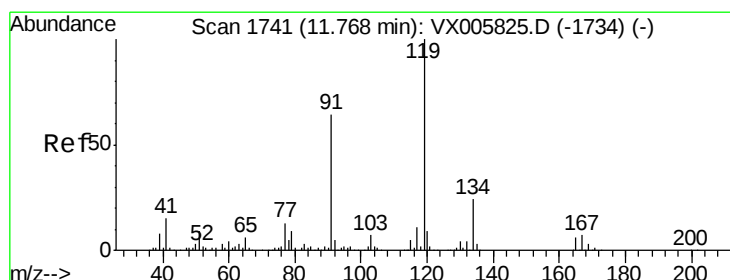
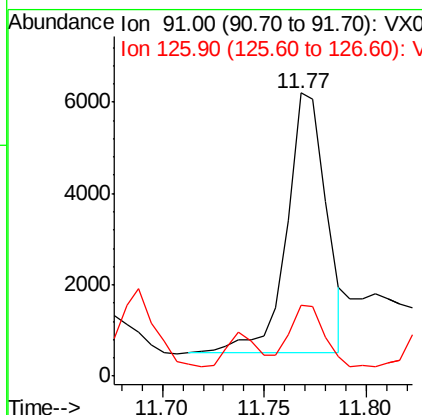
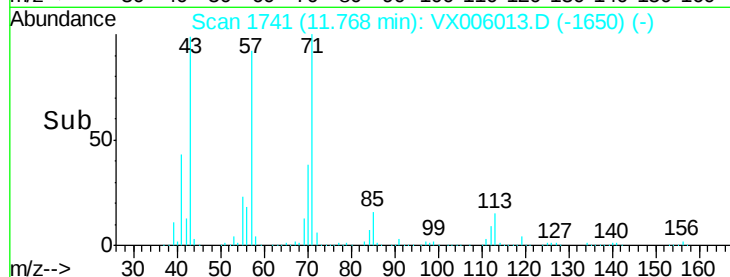
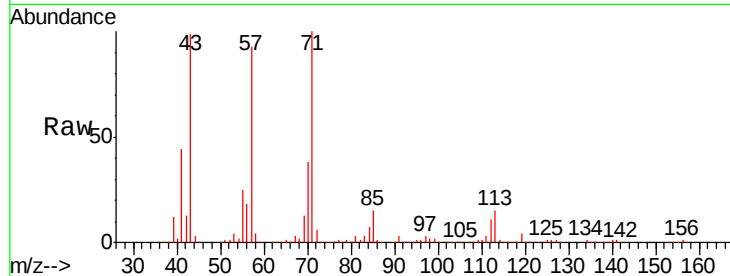




#82
4-Chlorotoluene
Concen: 1.78 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.26 min
Lab File: VX006013.D
Acq: 15 Nov 2018 09:26

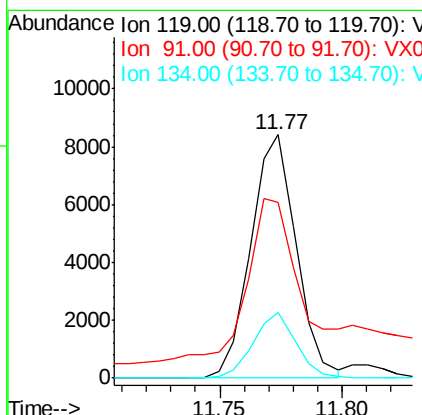
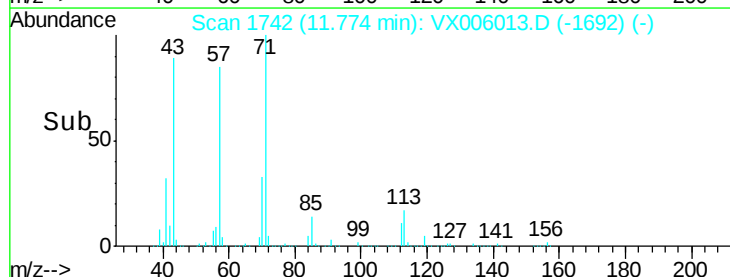
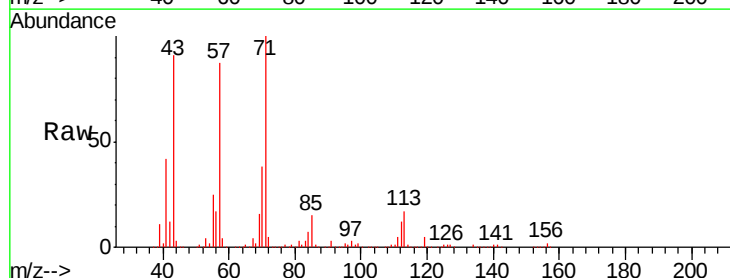
Instrument :
MSVOA_X
ClientSampleId :
FDSB-12(10-12)

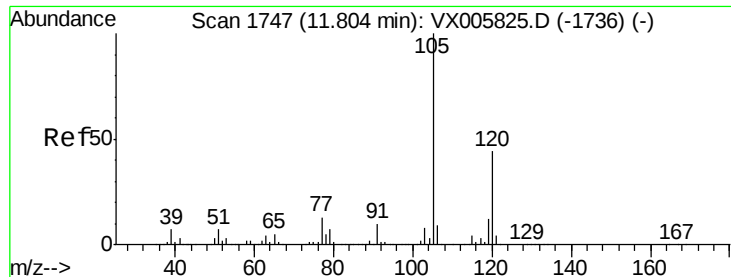
Tgt Ion: 91 Resp: 7674
Ion Ratio Lower Upper
91 100
126 15.4 15.2 45.6



#83
tert-Butylbenzene
Concen: 2.45 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. 0.01 min
Lab File: VX006013.D
Acq: 15 Nov 2018 09:26

Tgt Ion: 119 Resp: 10815
Ion Ratio Lower Upper
119 100
91 81.0 28.5 85.5
134 25.5 11.3 33.8

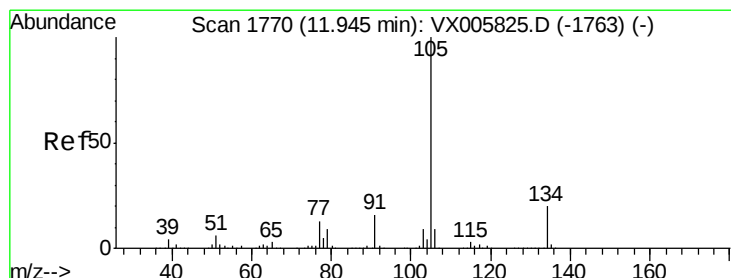
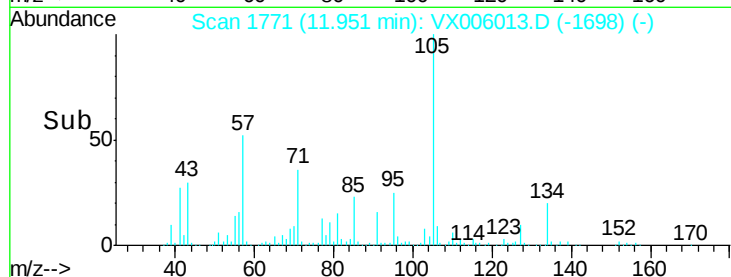
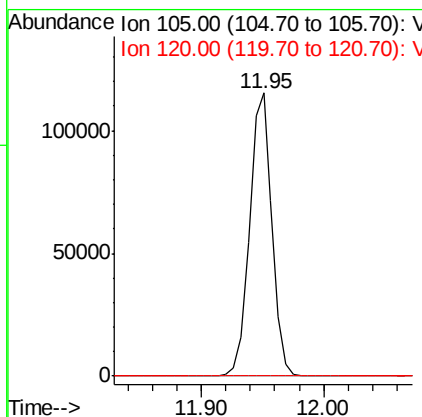
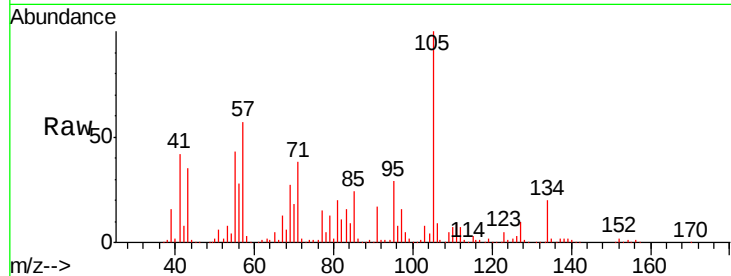




#84
 1,2,4-Trimethylbenzene
 Concen: 30.23 ug/l
 RT: 11.95 min Scan# 1771
 Delta R.T. 0.15 min
 Lab File: VX006013.D
 Acq: 15 Nov 2018 09:26

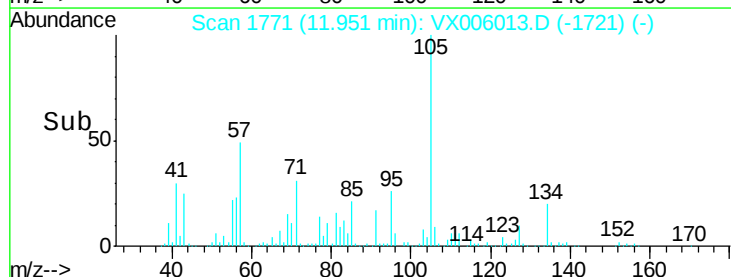
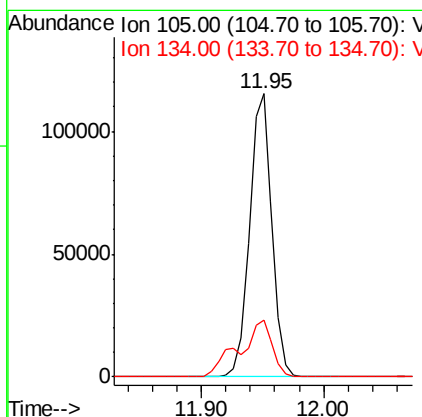
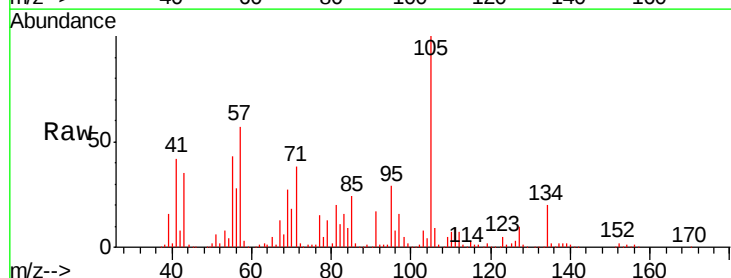
Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-12(10-12)

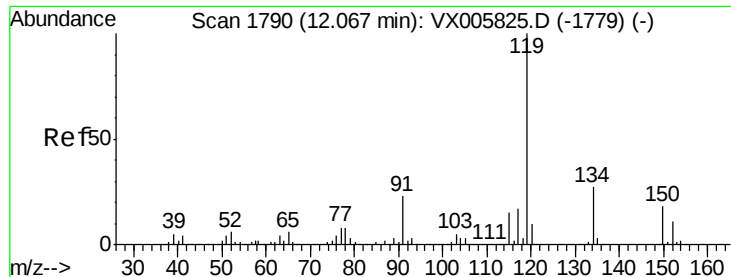
Tgt Ion:105 Resp: 145857
 Ion Ratio Lower Upper
 105 100
 120 0.2 22.4 67.0#



#85
 sec-Butylbenzene
 Concen: 27.01 ug/l
 RT: 11.95 min Scan# 1771
 Delta R.T. 0.01 min
 Lab File: VX006013.D
 Acq: 15 Nov 2018 09:26

Tgt Ion:105 Resp: 145857
 Ion Ratio Lower Upper
 105 100
 134 30.0 10.2 30.4





#86

p-Isopropyltoluene

Concen: 6.66 ug/l

RT: 12.24 min Scan# 1818

Delta R.T. 0.17 min

Lab File: VX006013.D

Acq: 15 Nov 2018 09:26

Instrument :

MSVOA_X

ClientSampleId :

FDSB-12(10-12)

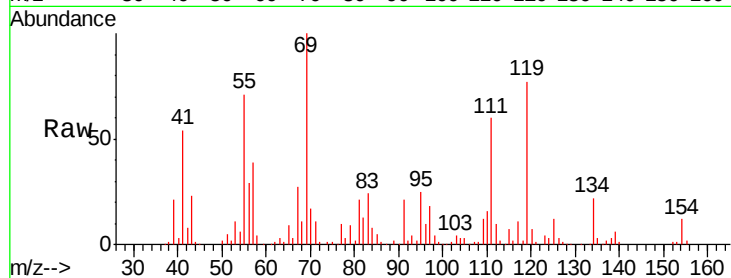
Tgt Ion: 119 Resp: 31875

Ion Ratio Lower Upper

119 100

134 28.3 13.0 39.0

91 31.1 11.4 34.2

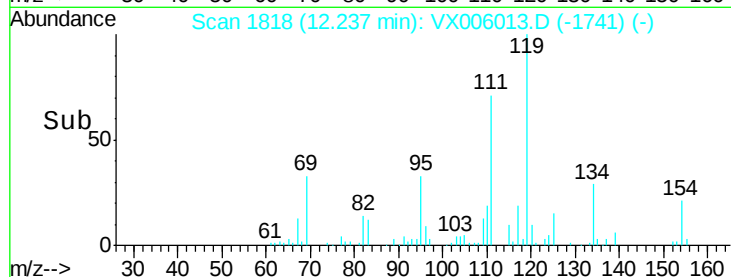


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

Time-->



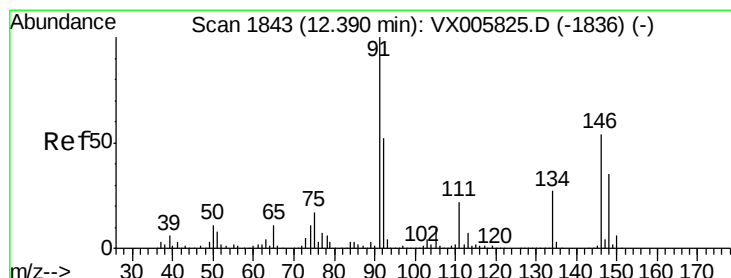
Abundance

Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

Time-->



#89

n-Butylbenzene

Concen: 38.86 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006013.D

Acq: 15 Nov 2018 09:26

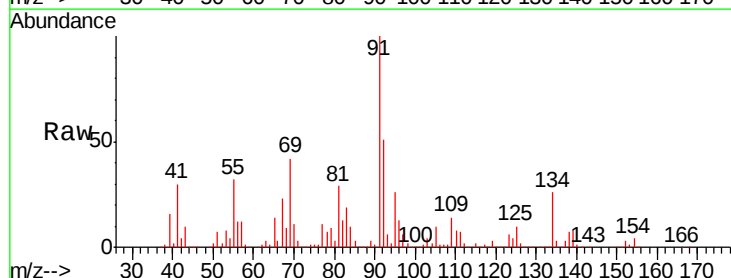
Tgt Ion: 91 Resp: 172271

Ion Ratio Lower Upper

91 100

92 47.1 26.1 78.2

134 36.1 13.1 39.3

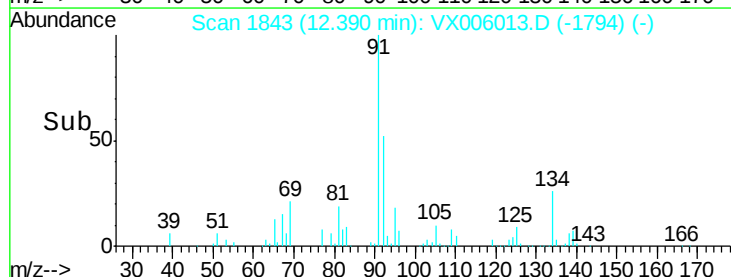


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V

Time-->



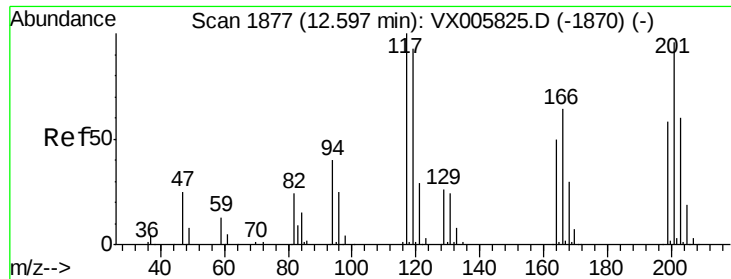
Abundance

Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V

Time-->



#90

Hexachloroethane

Concen: 54.51 ug/l

RT: 12.67 min Scan# 1889

Delta R.T. 0.07 min

Lab File: VX006013.D

Acq: 15 Nov 2018 09:26

Instrument :

MSVOA_X

ClientSampleId :

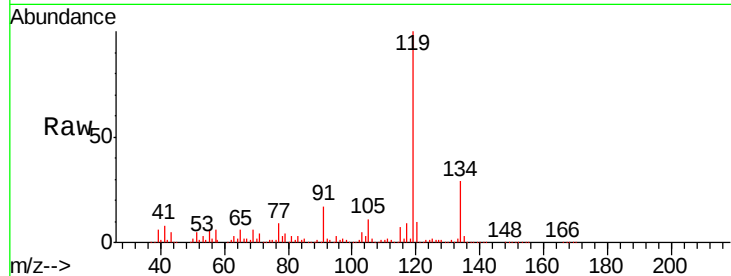
FDSB-12(10-12)

Tgt Ion:117 Resp: 43526

Ion Ratio Lower Upper

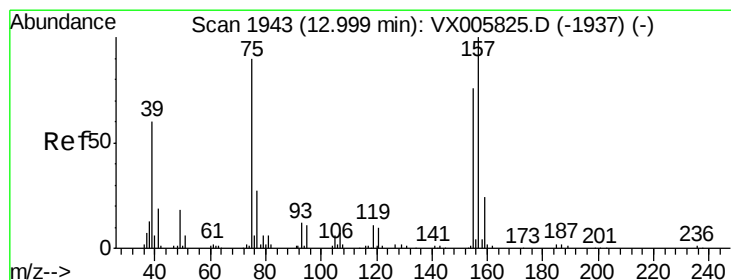
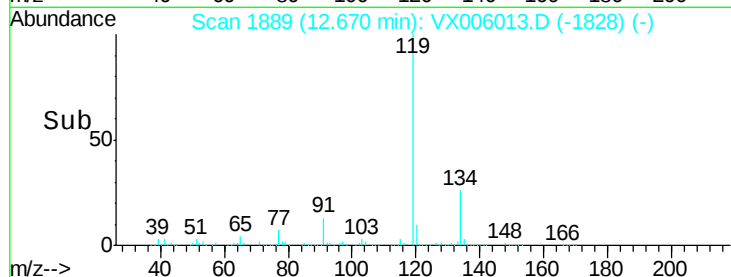
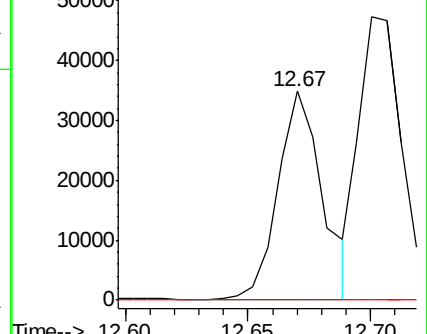
117 100

201 0.0 47.9 143.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 6.87 ug/l

RT: 12.98 min Scan# 1940

Delta R.T. -0.02 min

Lab File: VX006013.D

Acq: 15 Nov 2018 09:26

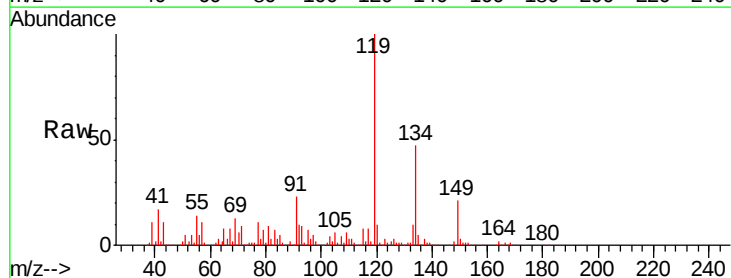
Tgt Ion: 75 Resp: 3161

Ion Ratio Lower Upper

75 100

155 0.0 45.4 136.1#

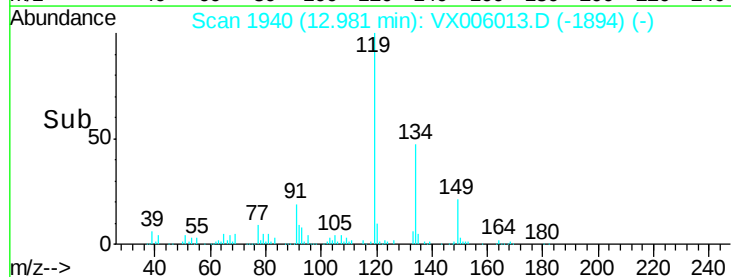
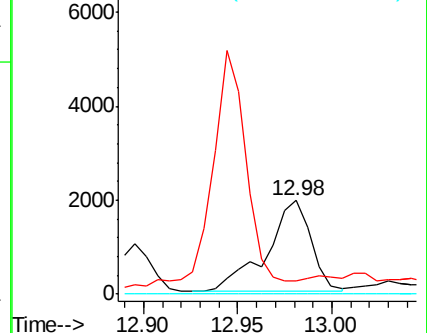
157 0.0 57.4 172.0#

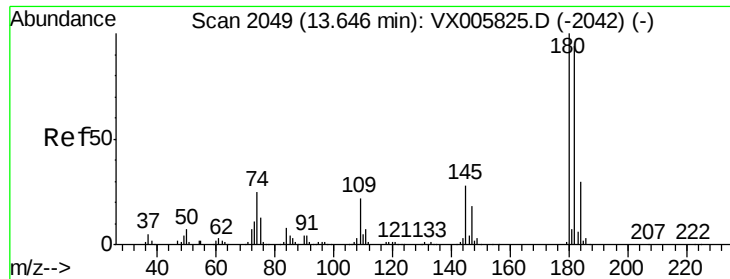


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

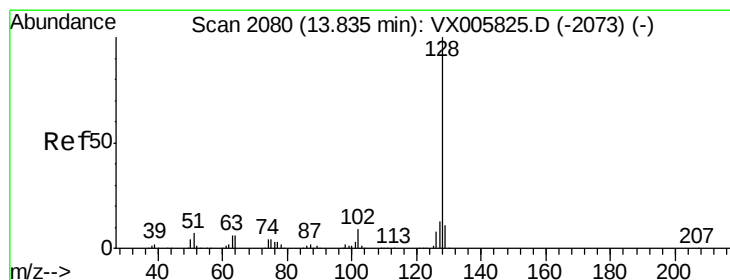
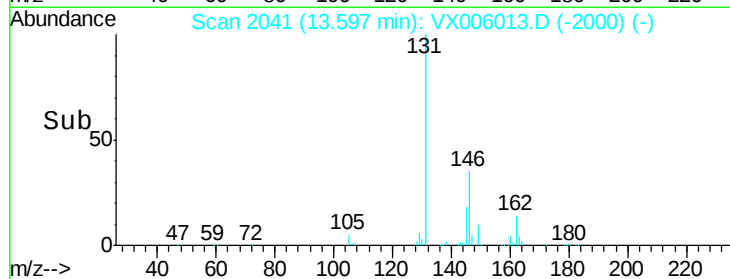
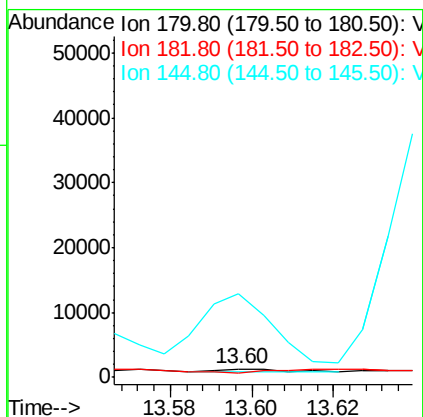
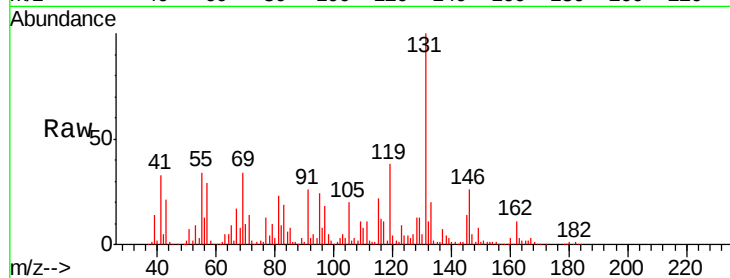




#93
 1,2,4-Trichlorobenzene
 Concen: 0.26 ug/l
 RT: 13.60 min Scan# 2041
 Delta R.T. -0.05 min
 Lab File: VX006013.D
 Acq: 15 Nov 2018 09:26

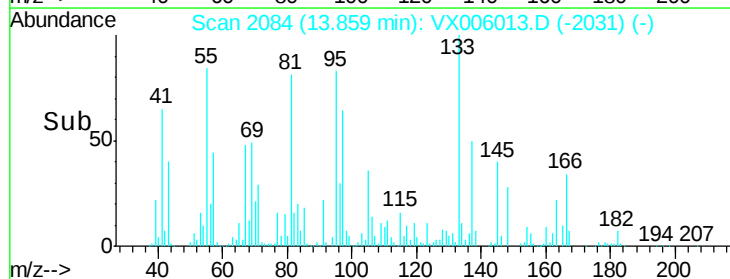
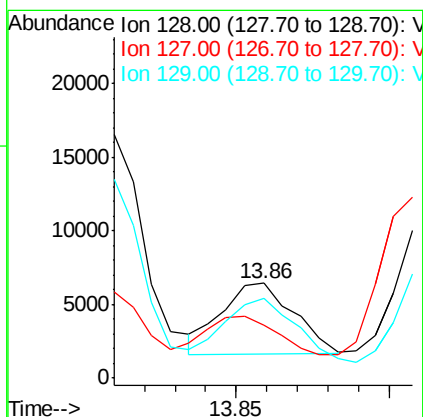
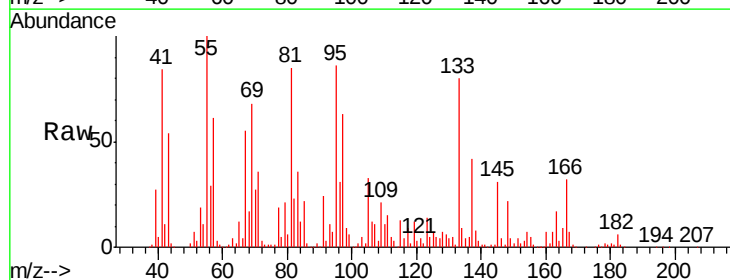
Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-12(10-12)

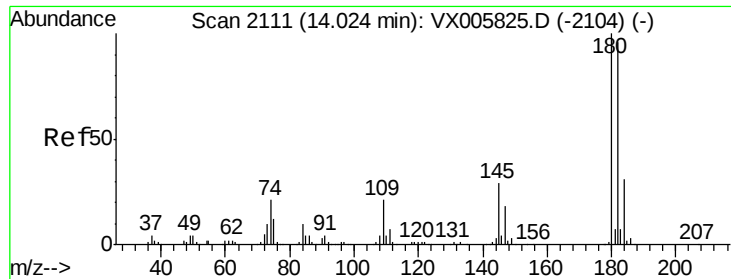
Tgt Ion:180 Resp: 503
 Ion Ratio Lower Upper
 180 100
 182 183.3 47.6 142.8#
 145 3325.2 14.1 42.2#



#95
 Naphthalene
 Concen: 2.38 ug/l
 RT: 13.86 min Scan# 2084
 Delta R.T. 0.02 min
 Lab File: VX006013.D
 Acq: 15 Nov 2018 09:26

Tgt Ion:128 Resp: 7872
 Ion Ratio Lower Upper
 128 100
 127 63.1 10.4 15.6#
 129 89.7 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.55 ug/l
 RT: 14.04 min Scan# 2113
 Delta R.T. 0.01 min
 Lab File: VX006013.D
 Acq: 15 Nov 2018 09:26

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

Tgt Ion:180 Resp: 7089
 Ion Ratio Lower Upper
 180 100
 182 24.0 48.0 144.2#
 145 1098.7 15.1 45.3#

