

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111918\
 Data File : VX006094.D
 Acq On : 19 Nov 2018 16:34
 Operator : JC/MD
 Sample : J5951-03 10X
 Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-04(10-12)

Quant Time: Nov 20 00:01:46 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	5.67	168	148499	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	203852	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	170867	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	92955	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	77443	45.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.72%	
35) Dibromofluoromethane	5.49	113	65237	47.05	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	94.10%	
50) Toluene-d8	8.71	98	229262	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
62) 4-Bromofluorobenzene	11.14	95	86533	52.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.42%	

Target Compounds					Qvalue	
5) Bromomethane	1.64	94	384	0.356	ug/l #	58
11) Tert butyl alcohol	3.02	59	704	1.440	ug/l #	72
16) Acetone	2.45	43	561	0.610	ug/l #	88
18) Methyl Acetate	2.78	43	593	Below Cal	#	85
20) Methylene Chloride	2.85	84	1241	0.822	ug/l	86
30) Chloroform	5.21	83	569	0.215	ug/l #	77
31) Cyclohexane	5.58	56	8078	3.397	ug/l #	90
36) 1,1-Dichloropropene	5.67	75	9387	4.777	ug/l #	49
38) Carbon Tetrachloride	5.66	117	12772	6.492	ug/l #	15
39) Methylcyclohexane	7.46	83	61354	30.804	ug/l	98
43) Isopropyl Acetate	6.45	43	987	0.264	ug/l #	63
45) 1,2-Dichloropropane	7.46	63	673	0.484	ug/l #	1
47) Bromodichloromethane	7.84	83	786	0.477	ug/l #	1
48) Methyl methacrylate	7.73	41	4425	2.632	ug/l #	54
51) 4-Methyl-2-Pentanone	8.66	43	9035	3.828	ug/l #	44
55) 1,1,2-Trichloroethane	9.16	97	25288	17.721	ug/l #	18
56) Ethyl methacrylate	9.16	69	6293	2.947	ug/l #	4
58) 2-Chloroethyl Vinyl ether	8.34	63	130	8.386	ug/l #	48
59) 2-Hexanone	9.55	43	20425	9.819	ug/l #	44
73) Isopropylbenzene	11.02	105	76312	14.196	ug/l	100
74) N-amyl acetate	10.91	43	48580	16.954	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	27655	14.016	ug/l #	26
76) 1,2,3-Trichloropropane	11.13	75	41501	21.926	ug/l #	38
78) n-propylbenzene	11.36	91	181582	28.663	ug/l	99
79) 2-Chlorotoluene	11.36	91	181582	47.420	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.67	105	5584	1.222	ug/l	77
81) trans-1,4-Dichloro-2-buten	11.13	75	41501	69.882	ug/l #	15
82) 4-Chlorotoluene	11.36	91	181582	40.237	ug/l #	44
83) tert-Butylbenzene	11.77	119	7495	1.622	ug/l	87
84) 1,2,4-Trimethylbenzene	11.67	105	5564	0.986	ug/l	82
85) sec-Butylbenzene	11.94	105	125427	22.195	ug/l	80
86) p-Isopropyltoluene	12.23	119	27203	5.434	ug/l	93
89) n-Butylbenzene	12.39	91	138441	29.840	ug/l	88
90) Hexachloroethane	12.67	117	35422	42.384	ug/l #	2

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Response via : Initial Calibration

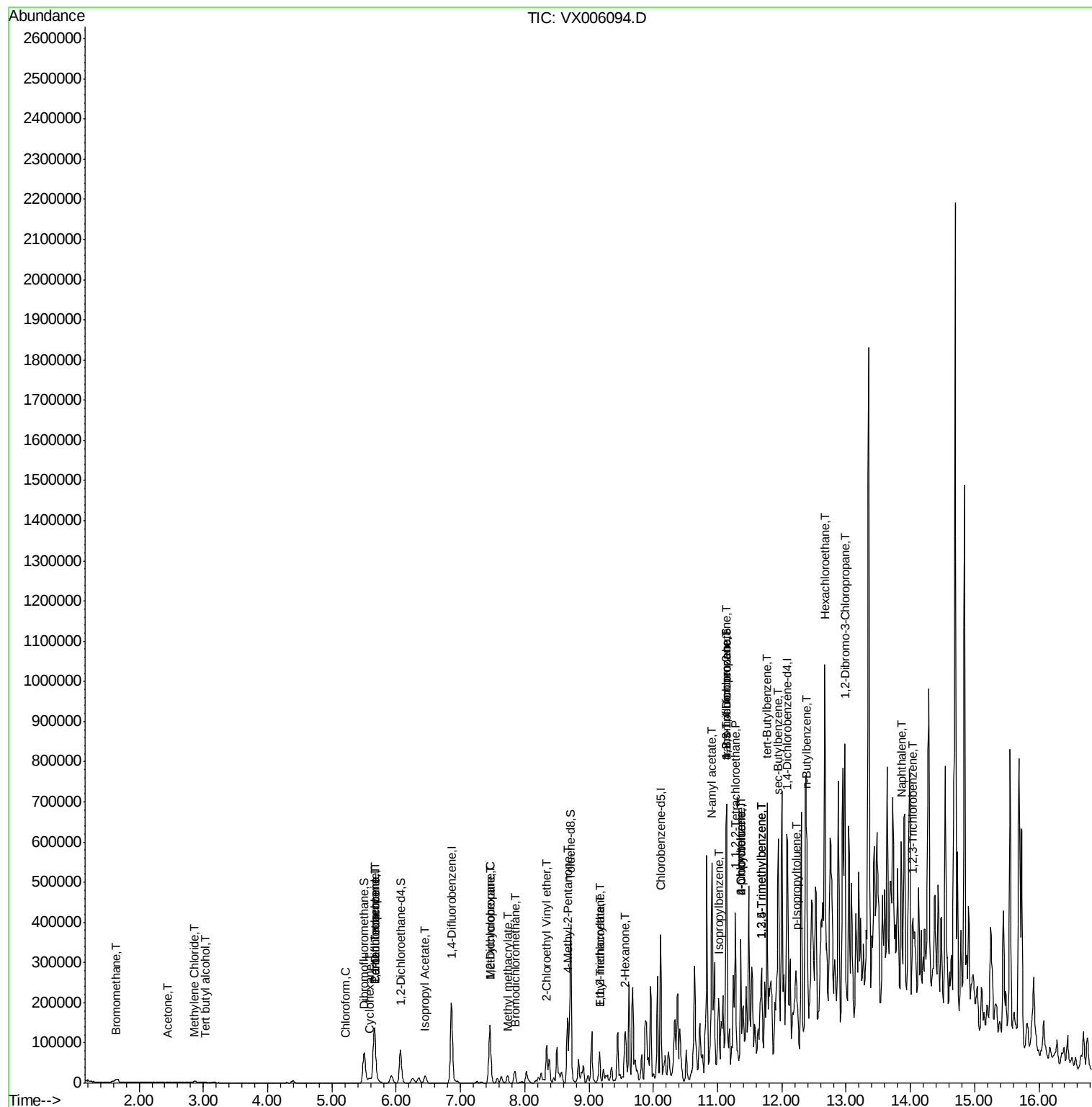
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	12.97	75	2462	5.113	ug/l #	1
95) Naphthalene	13.85	128	5562	1.990	ug/l #	1
96) 1,2,3-Trichlorobenzene	14.04	180	2426	1.161	ug/l #	1

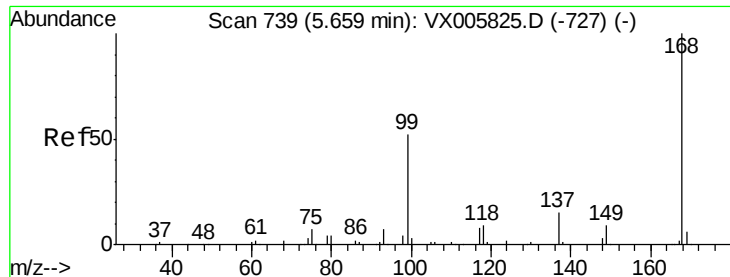
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006094.D

Acq: 19 Nov 2018 16:34

Instrument :

MSVOA_X

ClientSampleId :

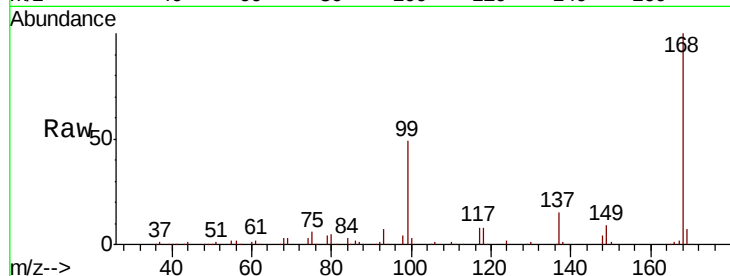
FDSB-04(10-12)

Tot Ion:168 Resp: 148499

Ion Ratio Lower Upper

168 100

99 49.2 40.7 61.1



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

Ion 98.90 (98.60 to 99.60): VX005825.D (-727) (-)

5.67

60000

50000

40000

30000

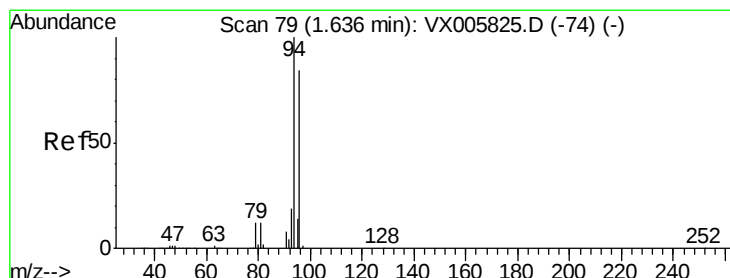
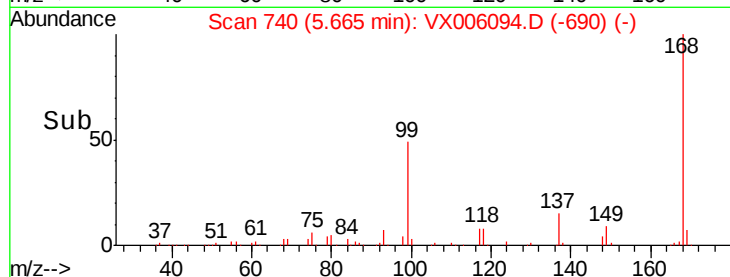
20000

10000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#5

Bromomethane

Concen: 0.356 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX006094.D

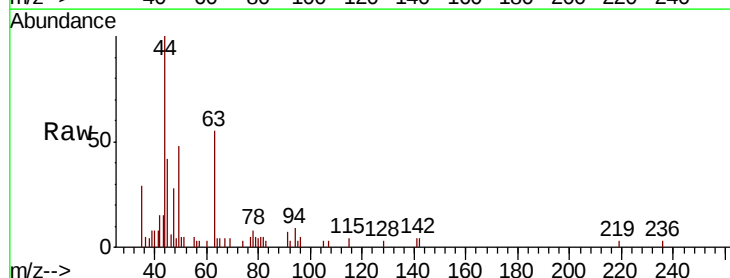
Acq: 19 Nov 2018 16:34

Tgt Ion: 94 Resp: 384

Ion Ratio Lower Upper

94 100

96 53.1 75.2 112.8#



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

Ion 95.90 (95.60 to 96.60): VX005825.D (-74) (-)

1.64

150

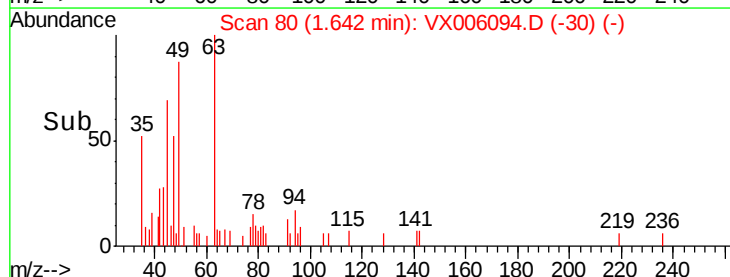
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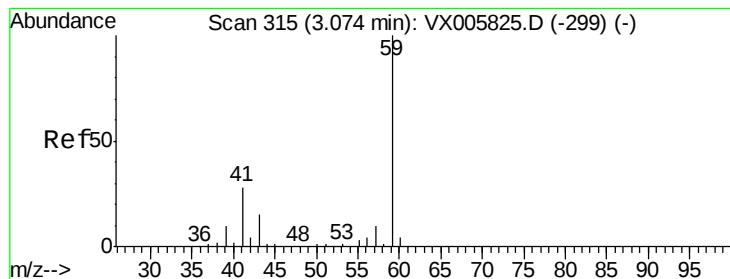
50

0

Time-->

1.55 1.60 1.65



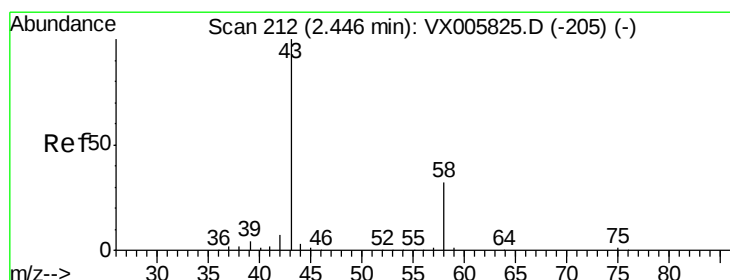
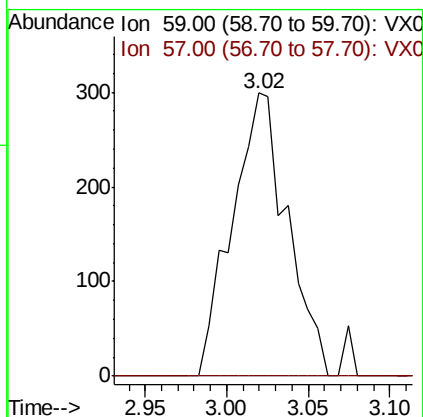
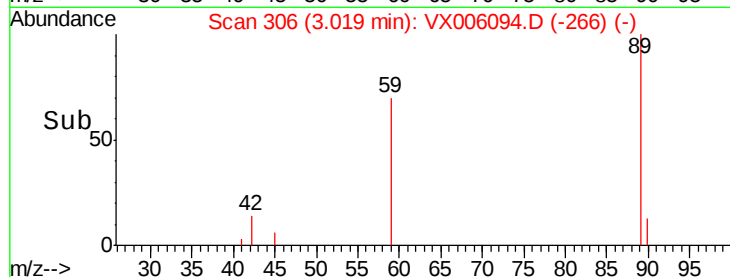
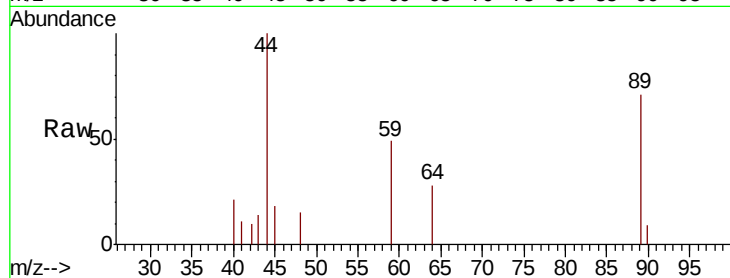


#11

Tert butyl alcohol
Concen: 1.440 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.05 min
Lab File: VX006094.D
Acq: 19 Nov 2018 16:34

Instrument :
MSVOA_X
ClientSampleId :
FDSB-04(10-12)

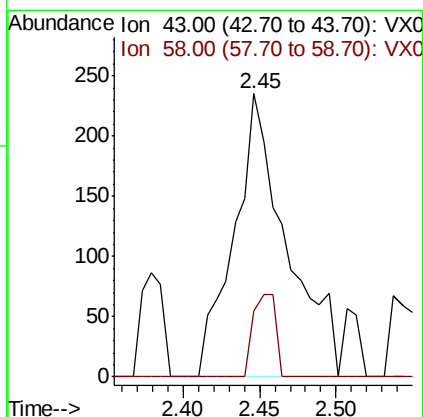
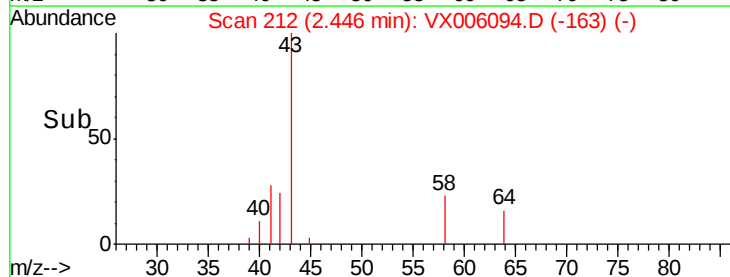
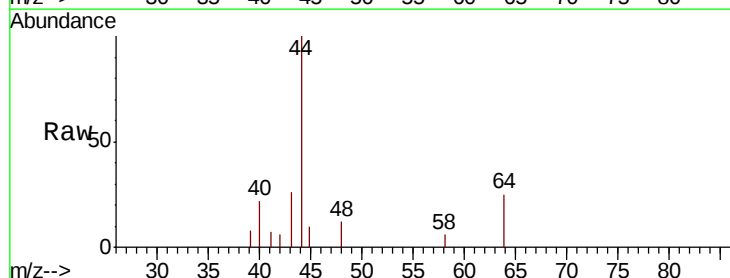
Tot Ion: 59 Resp: 704
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

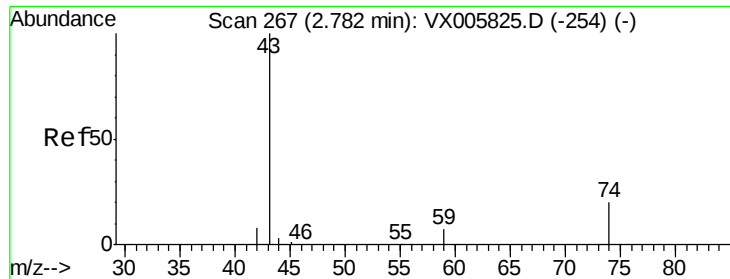


#16

Acetone
Concen: 0.610 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX006094.D
Acq: 19 Nov 2018 16:34

Tgt Ion: 43 Resp: 561
Ion Ratio Lower Upper
43 100
58 23.4 23.8 35.6#

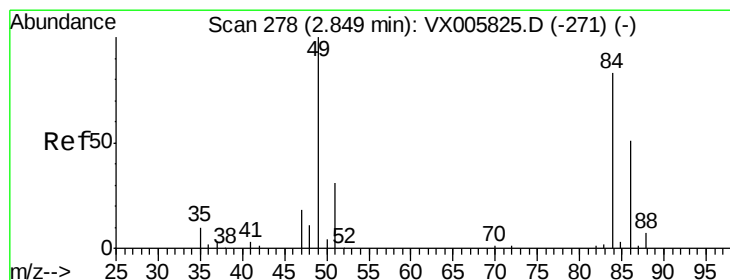
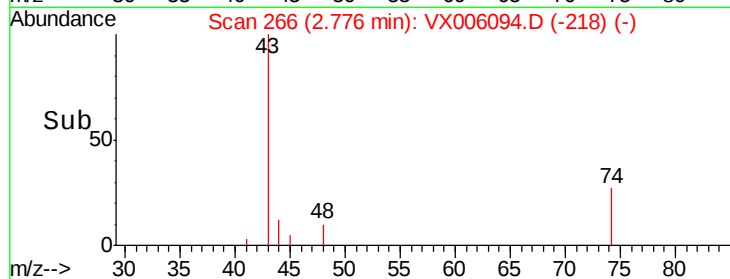
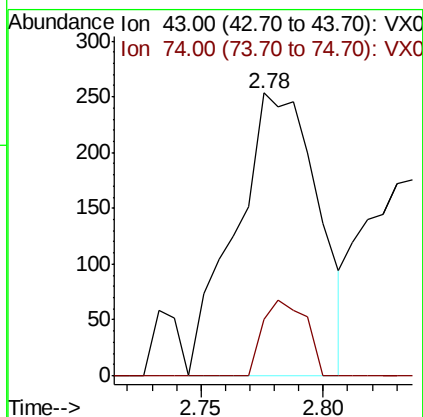
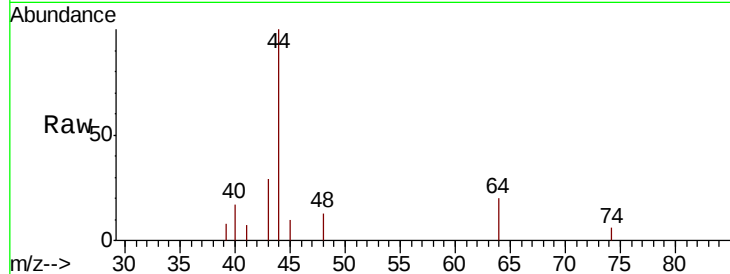




#18
Methyl Acetate
Concen: Below Cal
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX006094.D
Acq: 19 Nov 2018 16:34

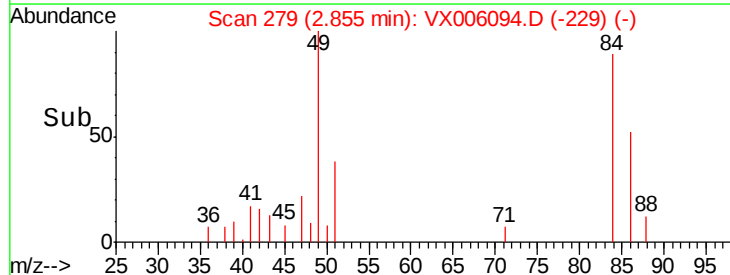
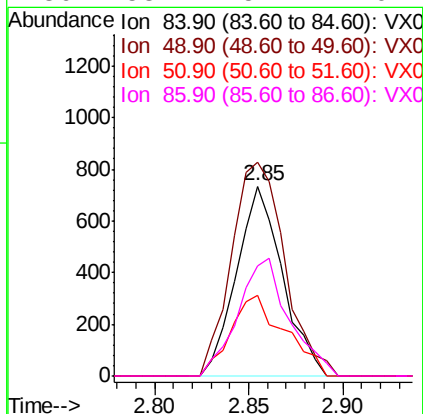
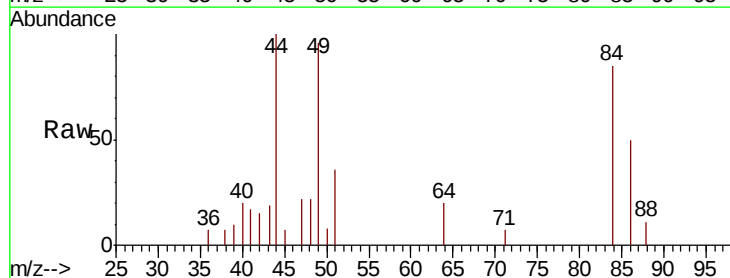
Instrument :
MSVOA_X
ClientSampleId :
FDSB-04(10-12)

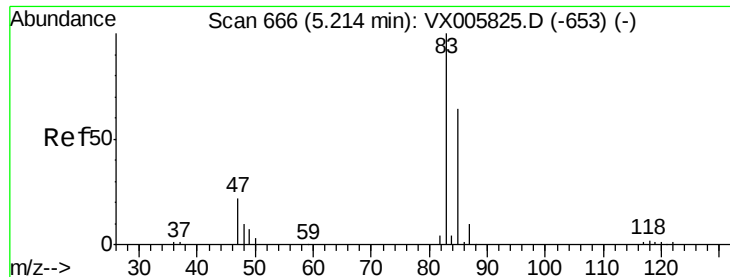
Tot Ion: 43 Resp: 593
Ion Ratio Lower Upper
43 100
74 14.2 16.8 25.2#



#20
Methylene Chloride
Concen: 0.822 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX006094.D
Acq: 19 Nov 2018 16:34

Tgt Ion: 84 Resp: 1241
Ion Ratio Lower Upper
84 100
49 112.5 109.5 164.3
51 42.4 33.3 49.9
86 58.1 52.7 79.1

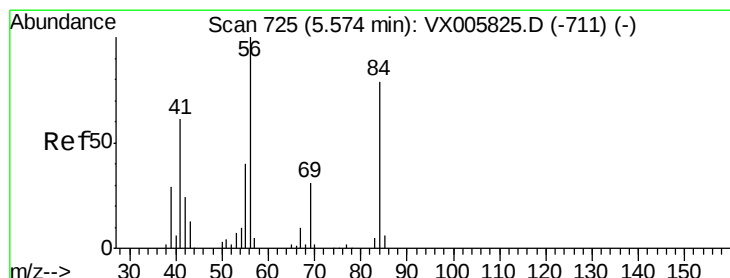
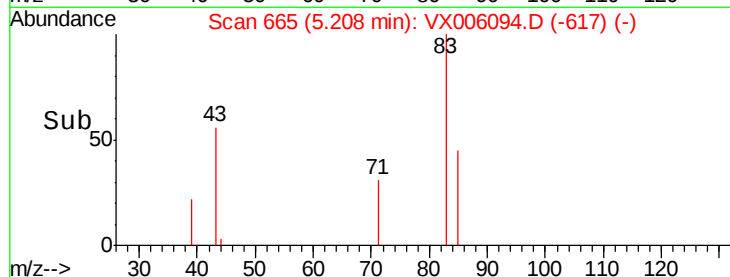
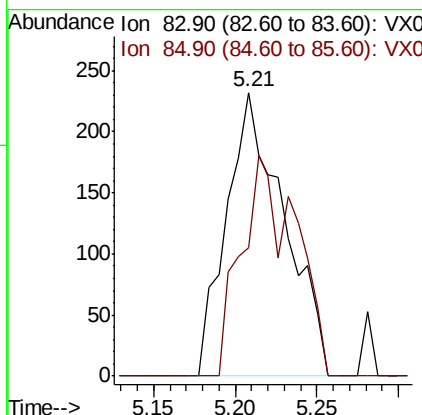
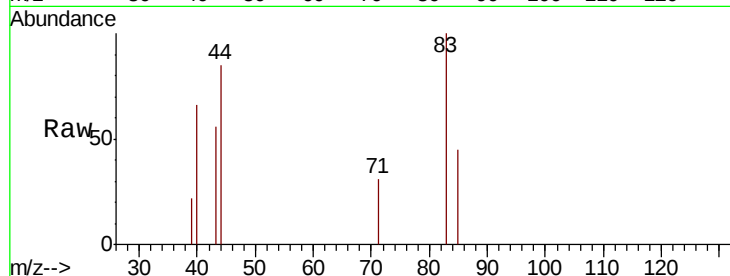




#30
Chloroform
Concen: 0.215 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX006094.D
Acq: 19 Nov 2018 16:34

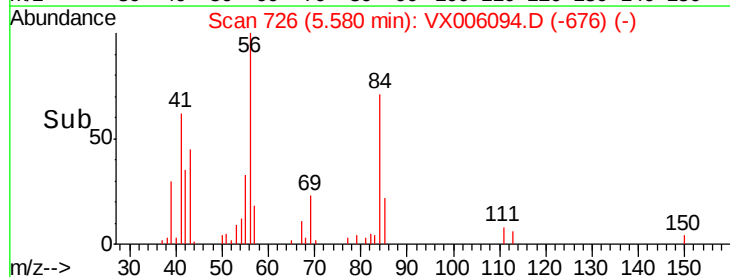
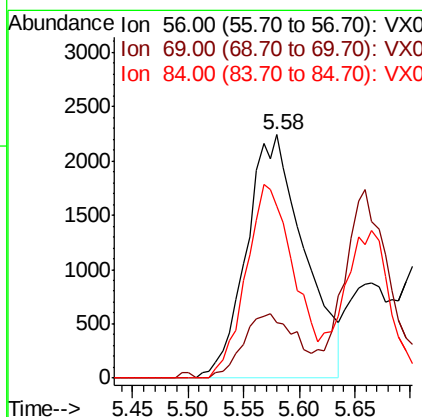
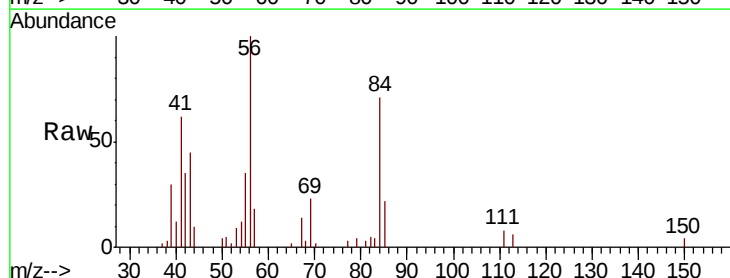
Instrument :
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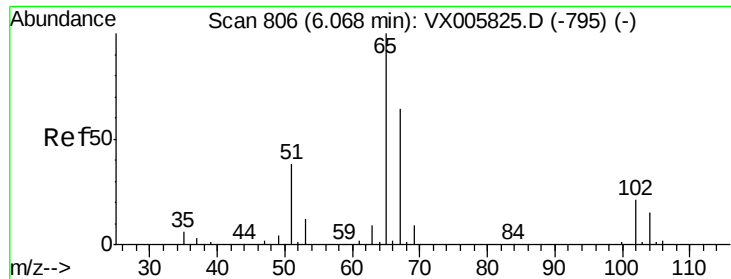
Tot Ion: 83 Resp: 569
Ion Ratio Lower Upper
83 100
85 45.3 50.6 76.0#



#31
Cyclohexane
Concen: 3.397 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006094.D
Acq: 19 Nov 2018 16:34

Tgt Ion: 56 Resp: 8078
Ion Ratio Lower Upper
56 100
69 20.6 22.6 34.0#
84 70.8 62.7 94.1

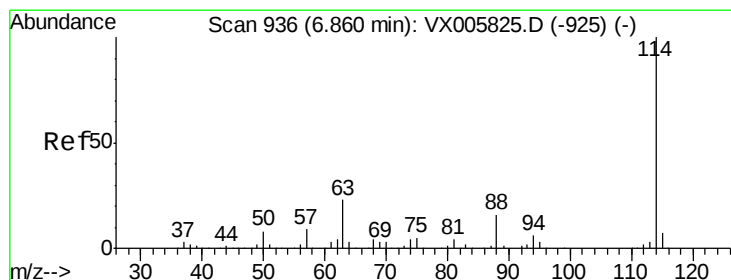
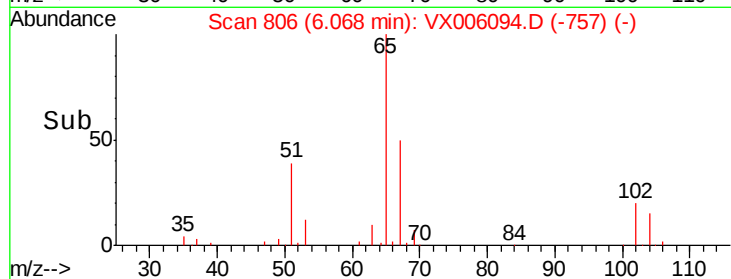
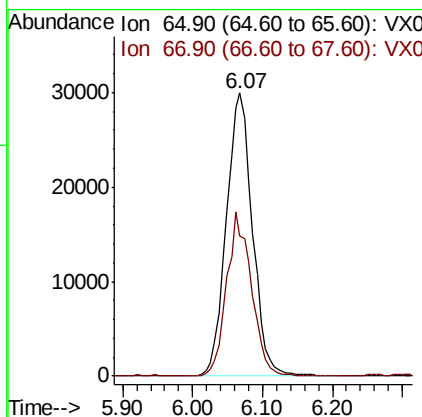
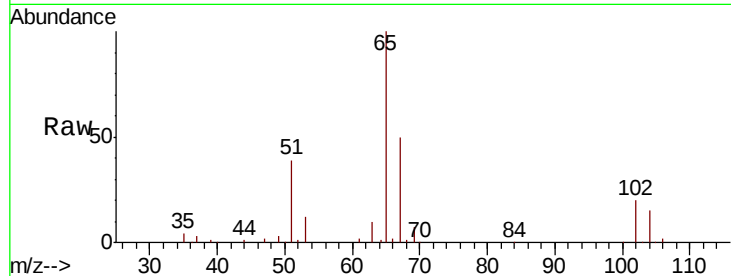




#33
 1,2-Dichloroethane-d4
 Concen: 45.363 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX006094.D
 Acq: 19 Nov 2018 16:34

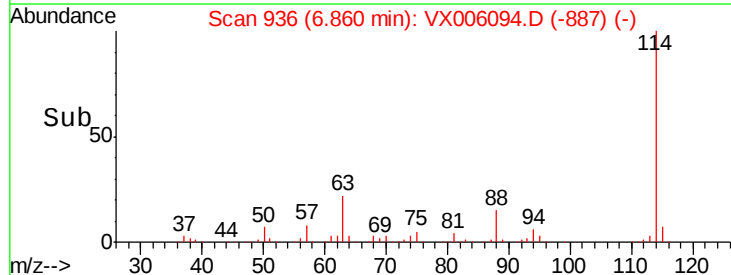
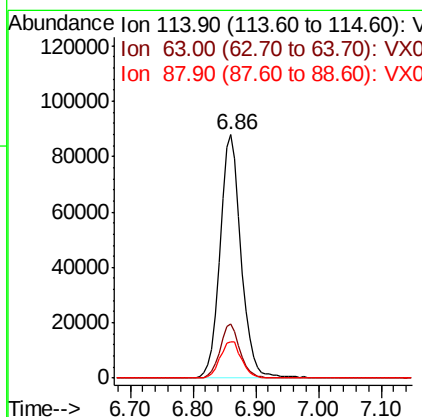
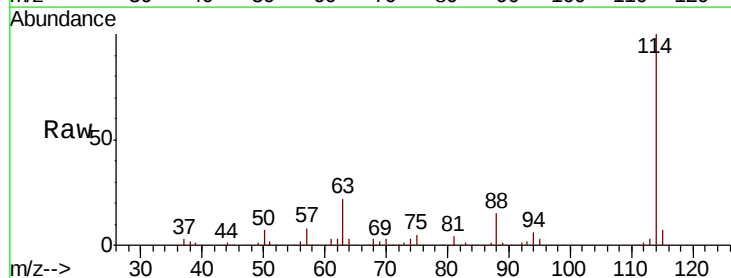
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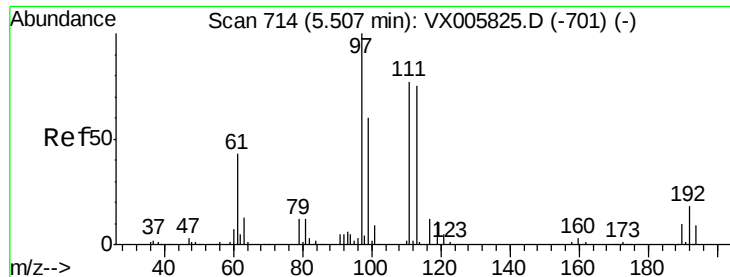
Tot Ion: 65 Resp: 77443
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006094.D
 Acq: 19 Nov 2018 16:34

Tgt Ion: 114 Resp: 203852
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 42.8
 88 14.9 0.0 31.2





#35

Dibromofluoromethane

Concen: 47.052 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX006094.D

Acq: 19 Nov 2018 16:34

Instrument :

MSVOA_X

ClientSampleId :

FDSB-04(10-12)

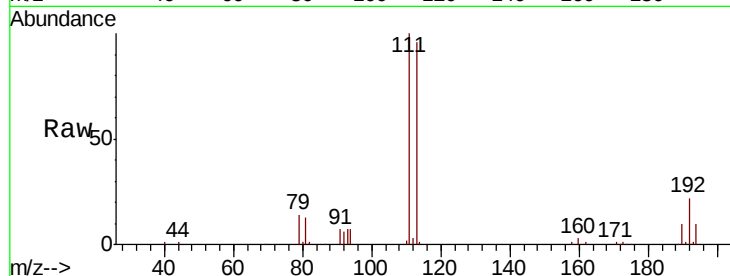
Tot Ion:113 Resp: 65237

Ion Ratio Lower Upper

113 100

111 102.3 82.3 123.5

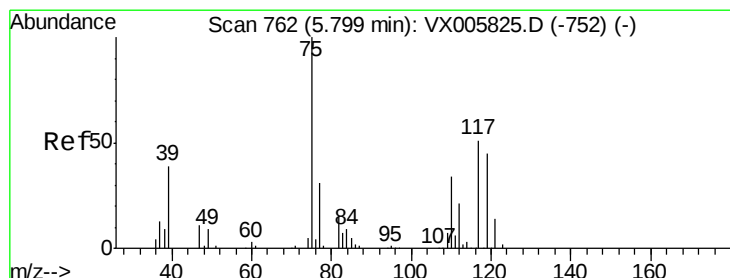
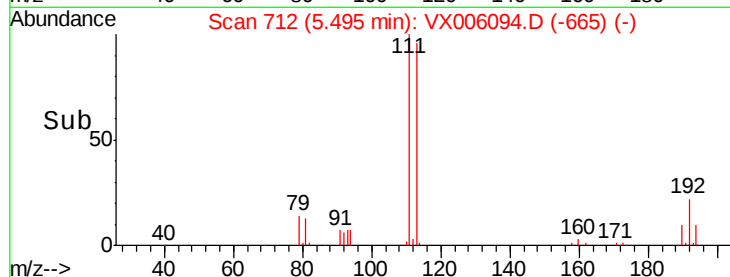
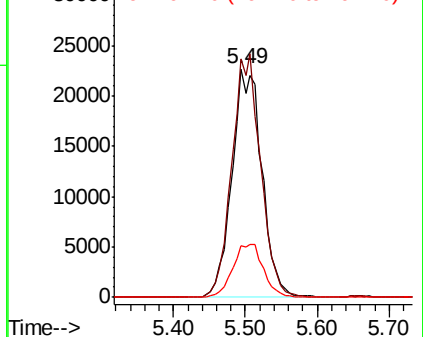
192 23.7 17.9 26.9



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: 4.777 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX006094.D

Acq: 19 Nov 2018 16:34

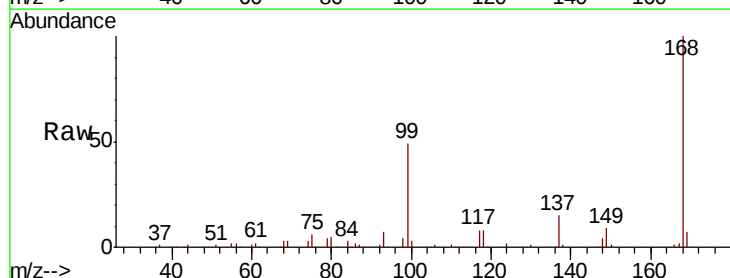
Tgt Ion: 75 Resp: 9387

Ion Ratio Lower Upper

75 100

110 9.2 17.4 52.2#

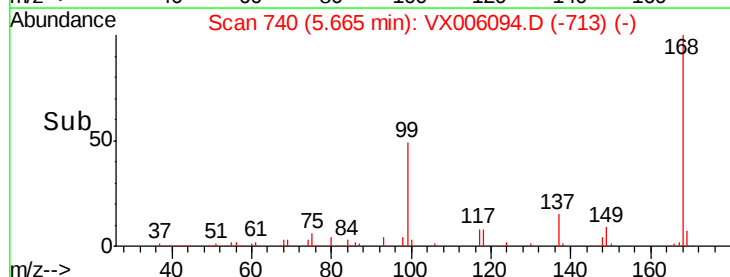
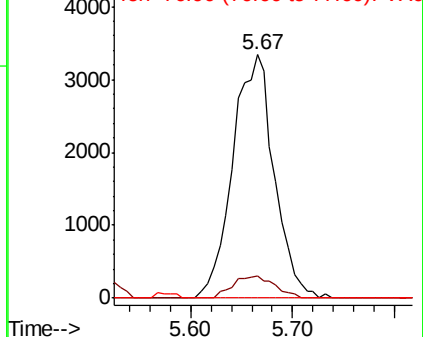
77 0.0 25.8 38.6#

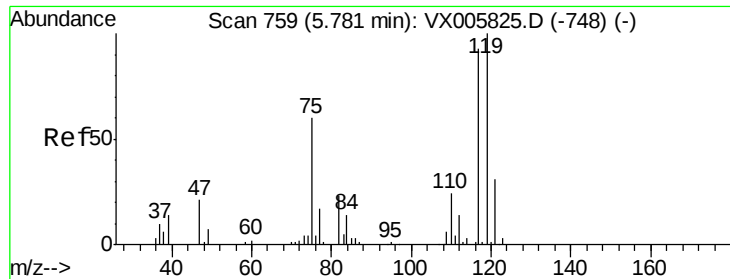


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

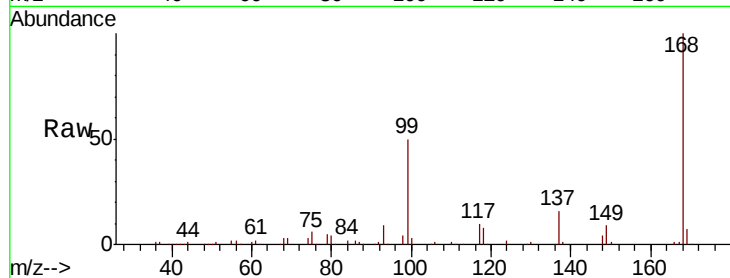




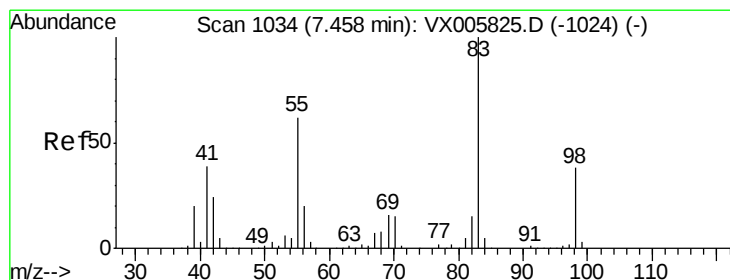
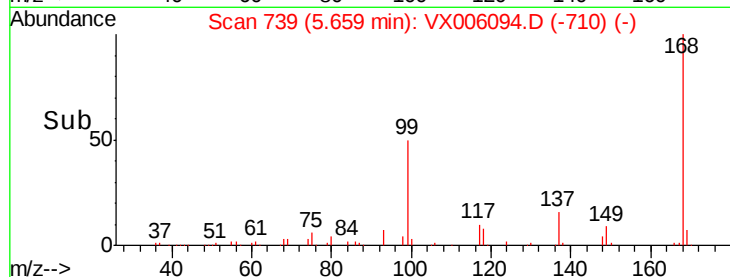
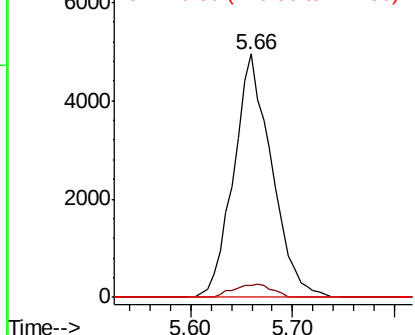
#38
Carbon Tetrachloride
Concen: 6.492 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX006094.D
Acq: 19 Nov 2018 16:34

Instrument :
MSVOA_X
ClientSampleId :
FDSB-04(10-12)

Tot Ion:117 Resp: 12772
Ion Ratio Lower Upper
117 100
119 4.7 78.1 117.1#
121 0.0 24.6 36.8#

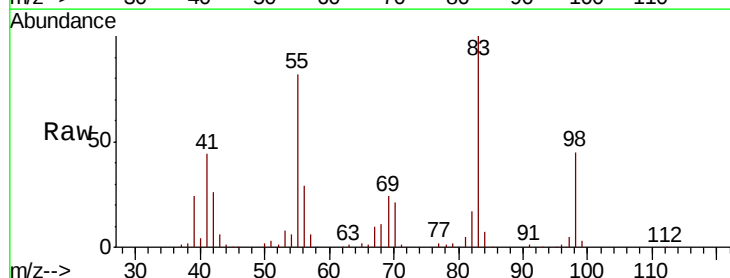


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

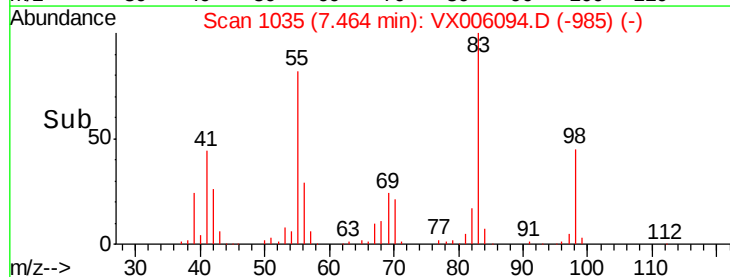
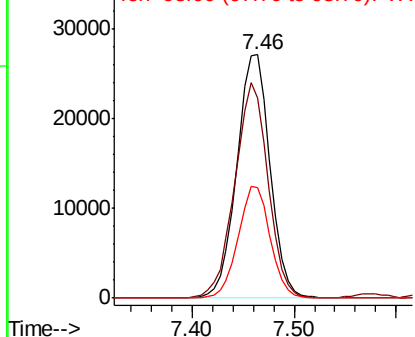


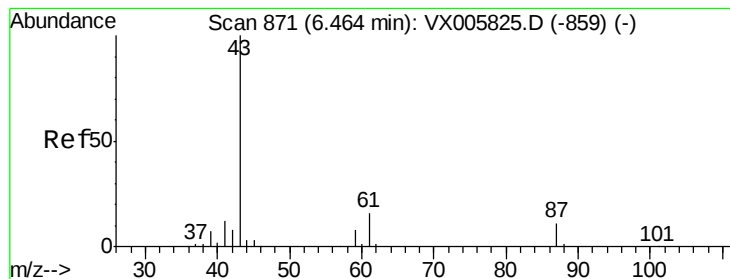
#39
Methylcyclohexane
Concen: 30.804 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006094.D
Acq: 19 Nov 2018 16:34

Tgt Ion: 83 Resp: 61354
Ion Ratio Lower Upper
83 100
55 81.7 63.7 95.5
98 45.3 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





#43

Isopropyl Acetate

Concen: 0.264 ug/l

RT: 6.45 min Scan# 869

Delta R.T. -0.01 min

Lab File: VX006094.D

Acq: 19 Nov 2018 16:34

Instrument :

MSVOA_X

ClientSampleId :

FDSB-04(10-12)

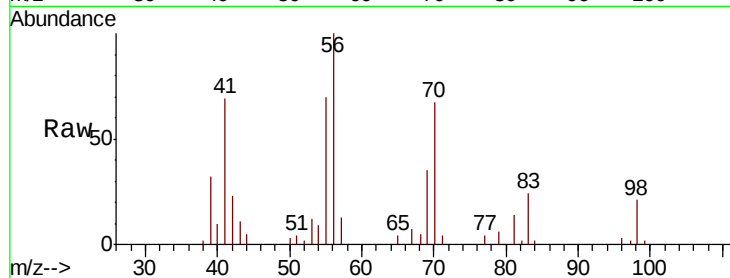
Tot Ion: 43 Resp: 987

Ion Ratio Lower Upper

43 100

61 0.0 14.6 22.0#

87 0.0 9.6 14.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

6.45

300

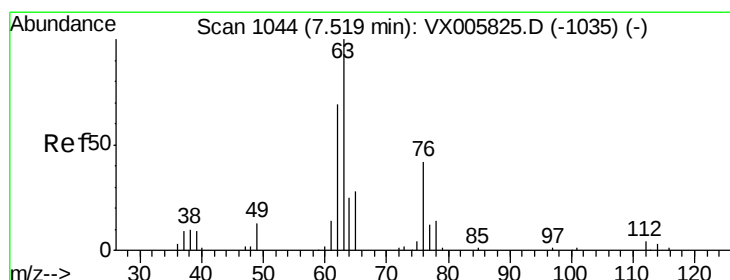
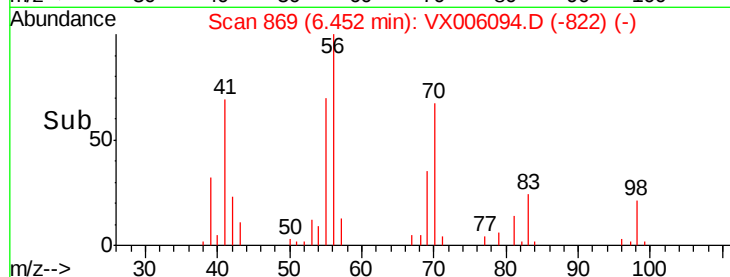
200

100

0

6.40 6.45 6.50

Time-->



#45

1,2-Dichloropropane

Concen: 0.484 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.05 min

Lab File: VX006094.D

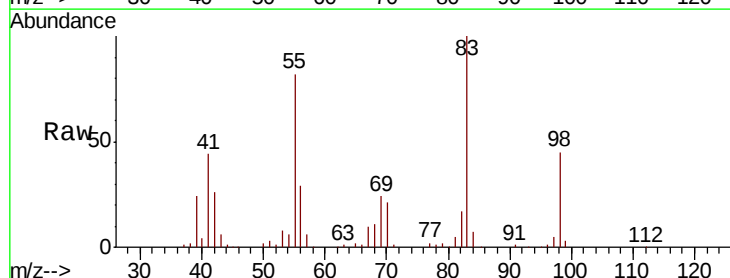
Acq: 19 Nov 2018 16:34

Tgt Ion: 63 Resp: 673

Ion Ratio Lower Upper

63 100

65 188.6 24.8 37.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

800

600

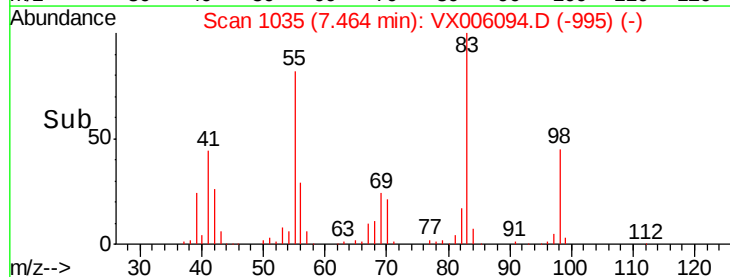
400

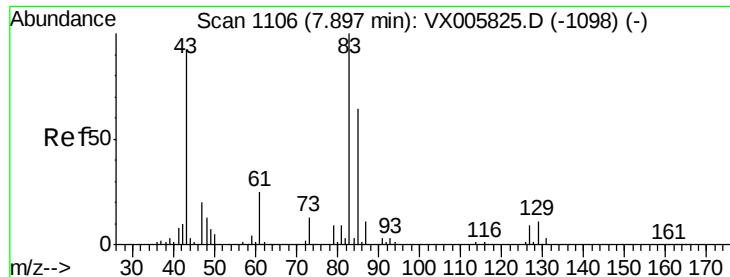
200

0

7.40 7.45 7.50

Time-->





#47

Bromodichloromethane

Concen: 0.477 ug/l

RT: 7.84 min Scan# 1097

Delta R.T. -0.05 min

Lab File: VX006094.D

Acq: 19 Nov 2018 16:34

Instrument :

MSVOA_X

ClientSampleId :

FDSB-04(10-12)

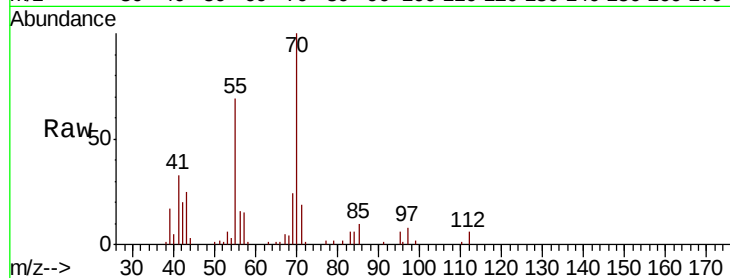
Tot Ion: 83 Resp: 786

Ion Ratio Lower Upper

83 100

85 166.2 50.2 75.4#

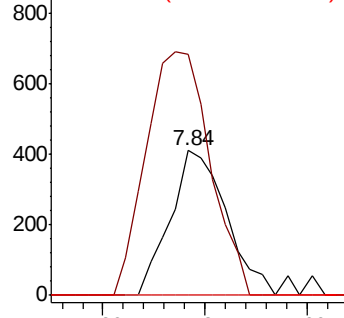
127 0.0 6.9 10.3#



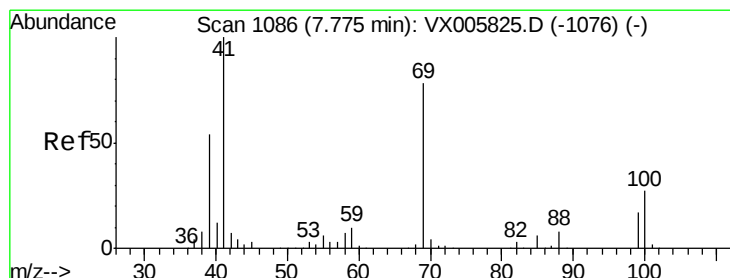
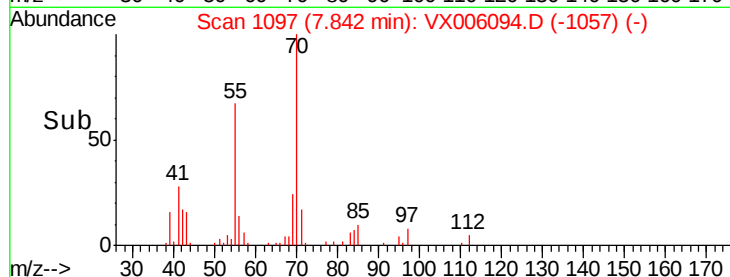
Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



Time-->



#48

Methyl methacrylate

Concen: 2.632 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.04 min

Lab File: VX006094.D

Acq: 19 Nov 2018 16:34

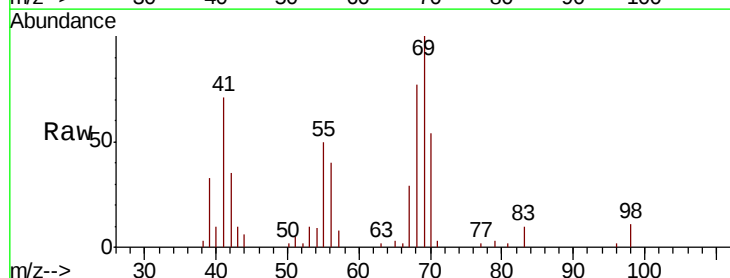
Tgt Ion: 41 Resp: 4425

Ion Ratio Lower Upper

41 100

69 140.1 63.2 94.8#

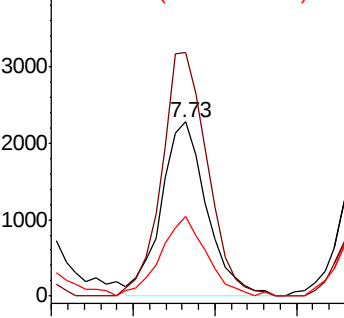
39 46.0 42.2 63.2



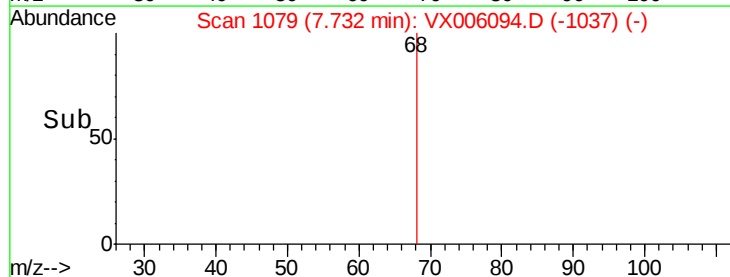
Abundance Ion 41.00 (40.70 to 41.70): VX0

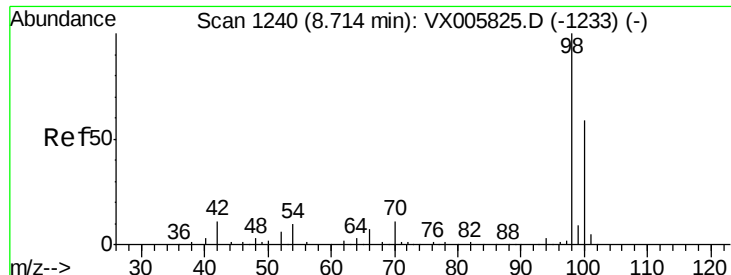
Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



Time-->





#50

Toluene-d8

Concen: 49.737 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006094.D

Acq: 19 Nov 2018 16:34

Instrument :

MSVOA_X

ClientSampleId :

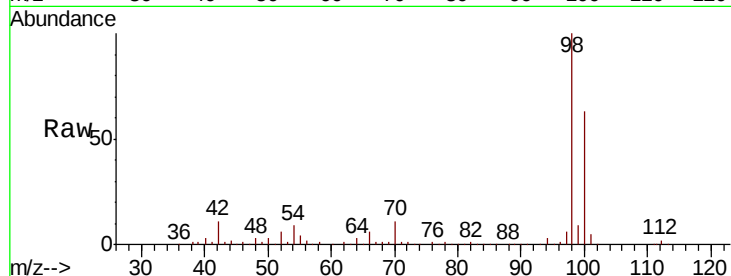
FDSB-04(10-12)

Tot Ion: 98 Resp: 229262

Ion Ratio Lower Upper

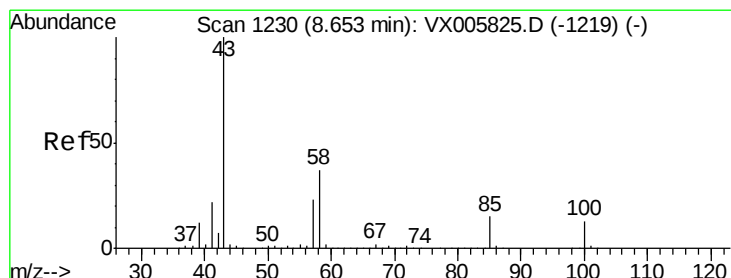
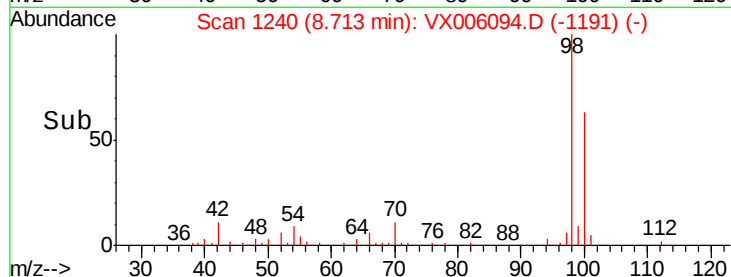
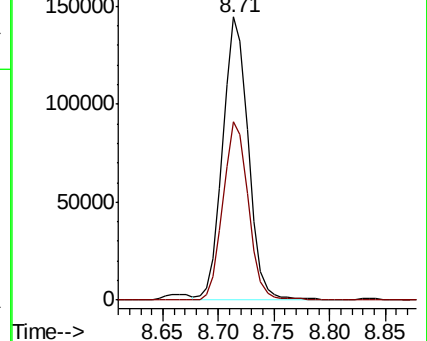
98 100

100 63.1 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#51

4-Methyl-2-Pentanone

Concen: 3.828 ug/l

RT: 8.66 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VX006094.D

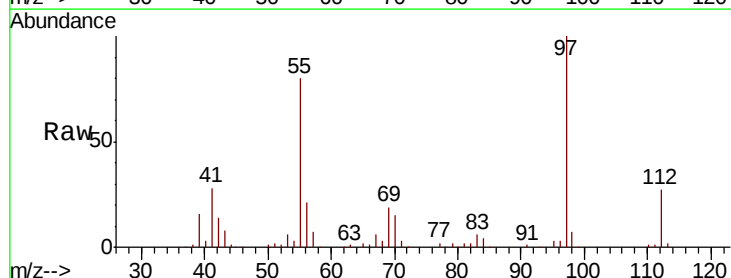
Acq: 19 Nov 2018 16:34

Tgt Ion: 43 Resp: 9035

Ion Ratio Lower Upper

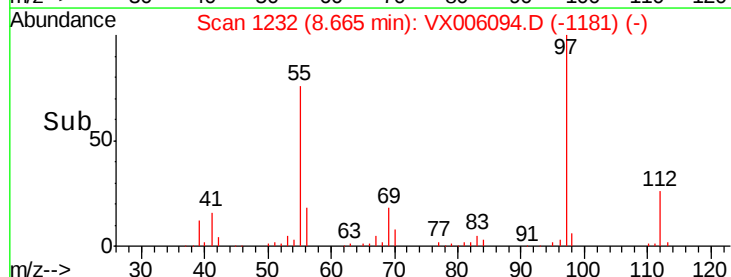
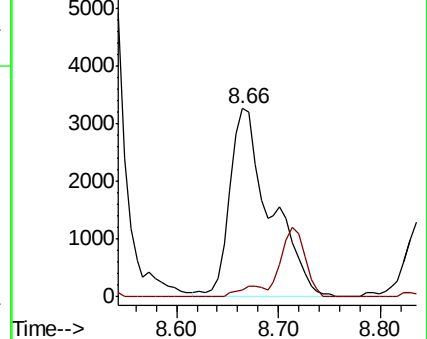
43 100

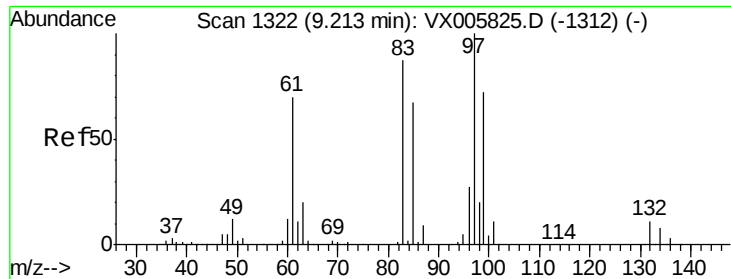
58 3.8 29.7 44.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

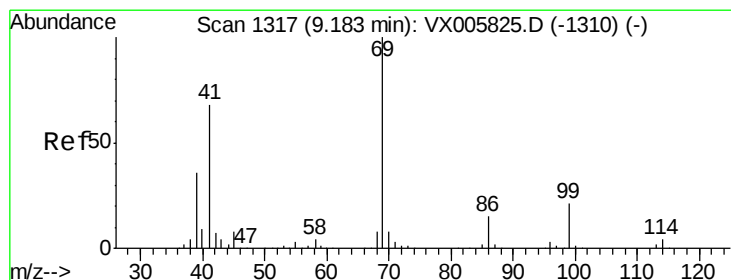
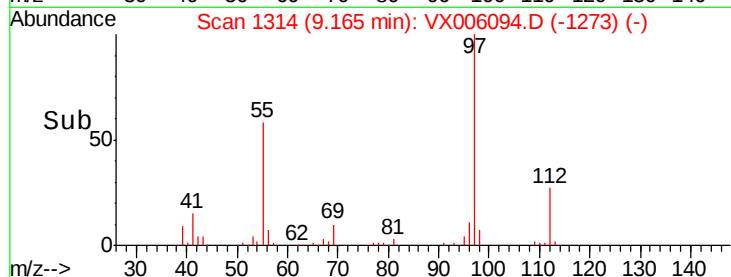
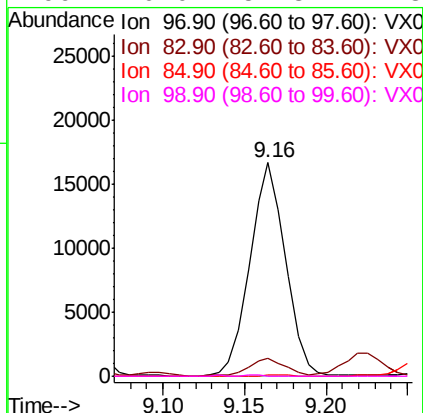
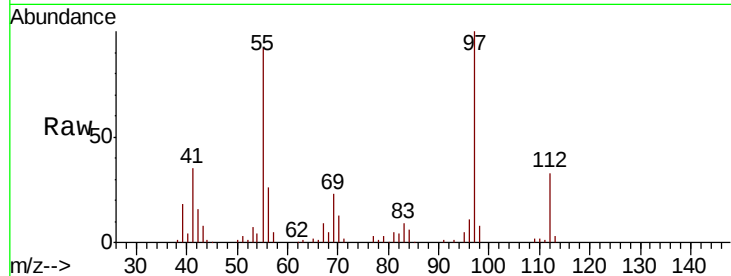




#55
 1,1,2-Trichloroethane
 Concen: 17.721 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX006094.D
 Acq: 19 Nov 2018 16:34

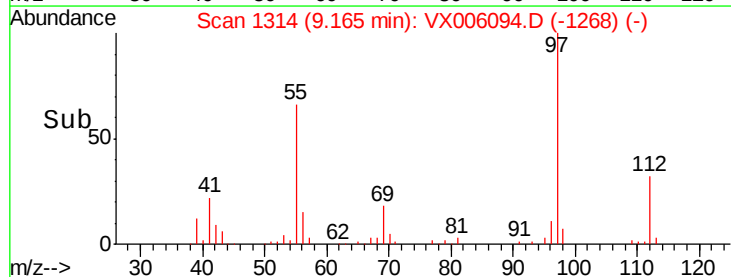
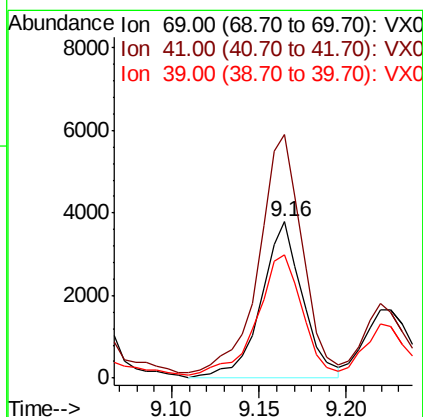
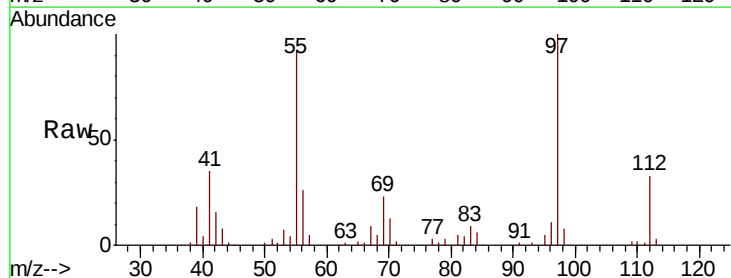
Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-04(10-12)

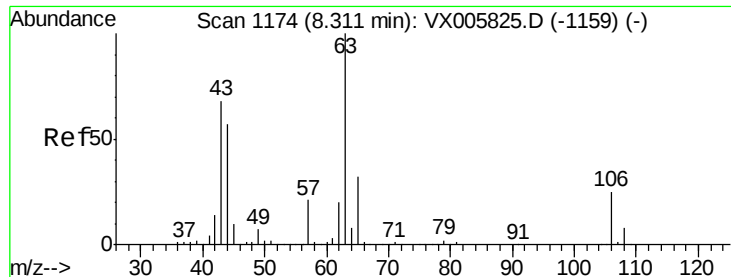
Tot Ion: 97 Resp: 25288
 Ion Ratio Lower Upper
 97 100
 83 8.6 70.7 106.1#
 85 0.4 45.8 68.6#
 99 0.0 51.8 77.8#



#56
 Ethyl methacrylate
 Concen: 2.947 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.02 min
 Lab File: VX006094.D
 Acq: 19 Nov 2018 16:34

Tgt Ion: 69 Resp: 6293
 Ion Ratio Lower Upper
 69 100
 41 156.0 57.0 85.6#
 39 83.4 28.3 42.5#

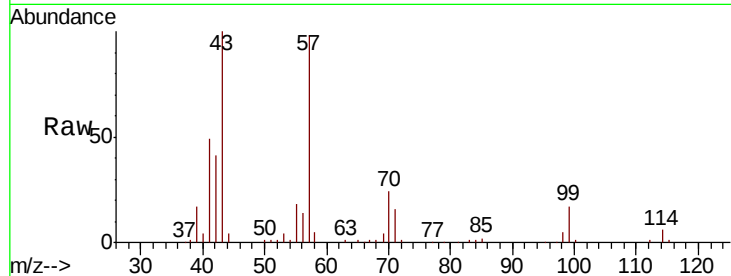




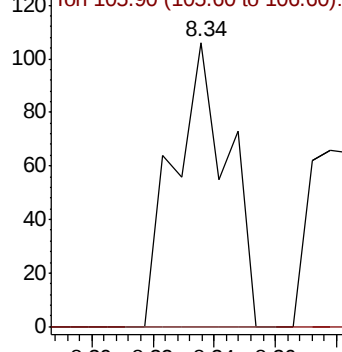
#58
2-Chloroethyl Vinyl ether
Concen: 8.386 ug/l
RT: 8.34 min Scan# 1178
Delta R.T. 0.02 min
Lab File: VX006094.D
Acq: 19 Nov 2018 16:34

Instrument :
MSVOA_X
ClientSampleId :
FDSB-04(10-12)

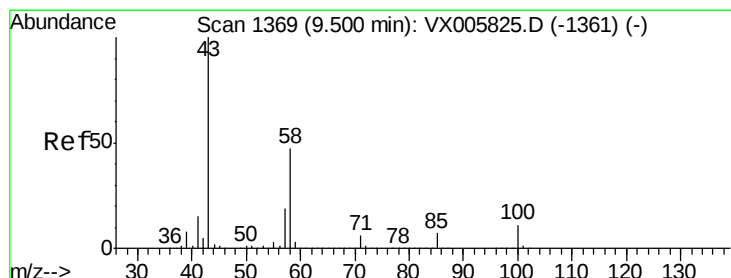
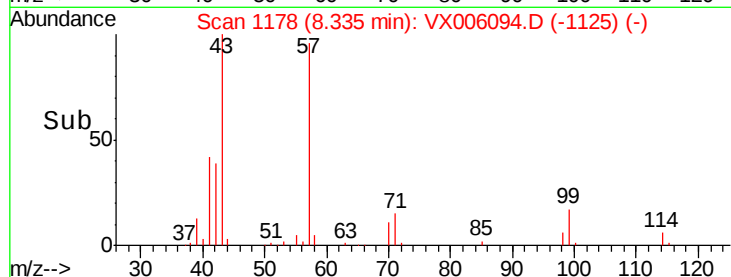
Tot Ion: 63 Resp: 130
Ion Ratio Lower Upper
63 100
106 0.0 21.3 31.9#



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 105.90 (105.60 to 106.60): V

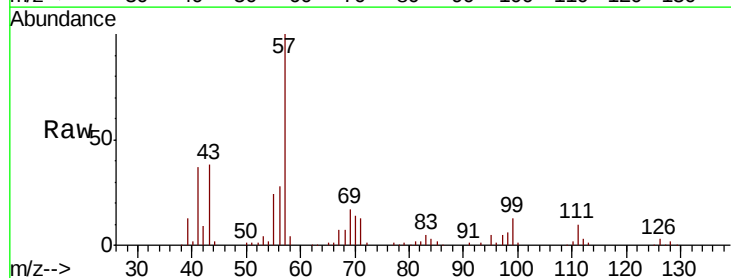


Time-->

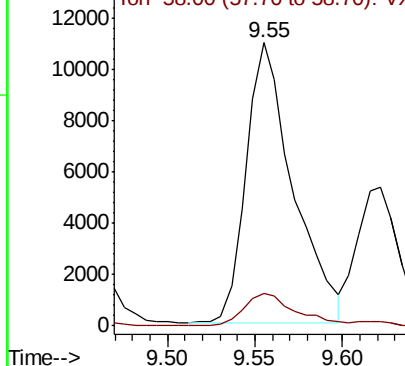


#59
2-Hexanone
Concen: 9.819 ug/l
RT: 9.55 min Scan# 1378
Delta R.T. 0.05 min
Lab File: VX006094.D
Acq: 19 Nov 2018 16:34

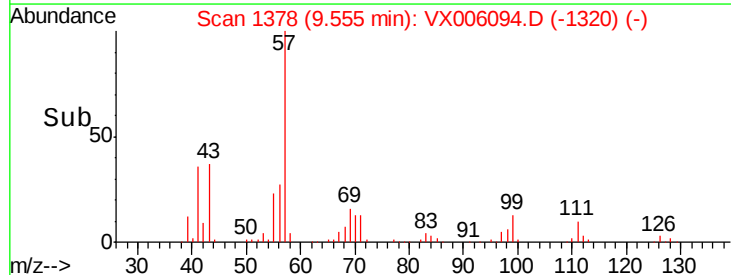
Tgt Ion: 43 Resp: 20425
Ion Ratio Lower Upper
43 100
58 12.7 25.9 77.8#

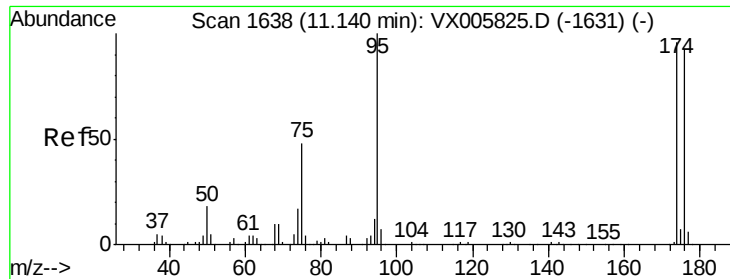


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0



Time-->

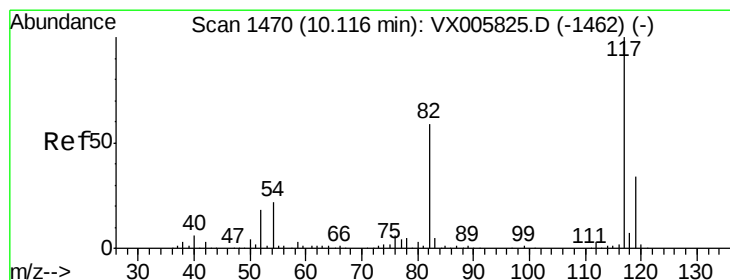
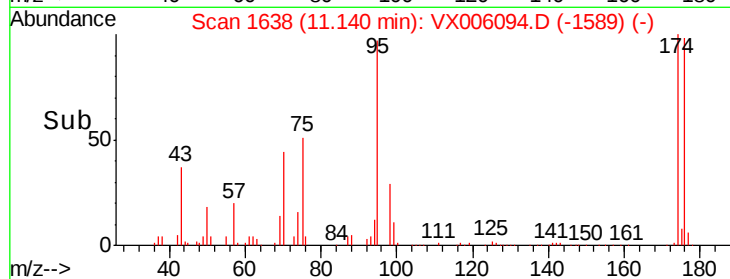
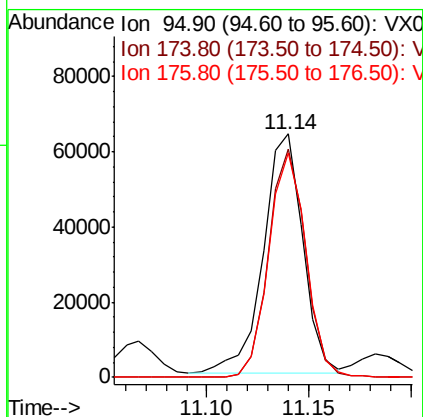
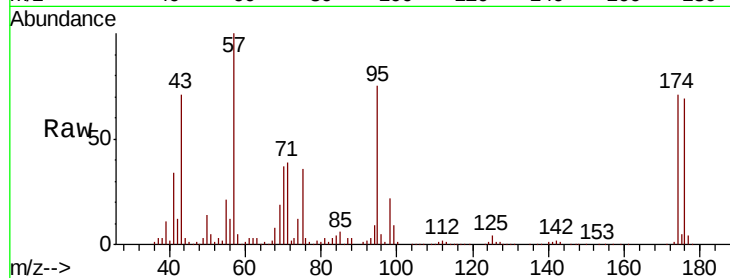




#62
4-Bromofluorobenzene
Concen: 52.213 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX006094.D
Acq: 19 Nov 2018 16:34

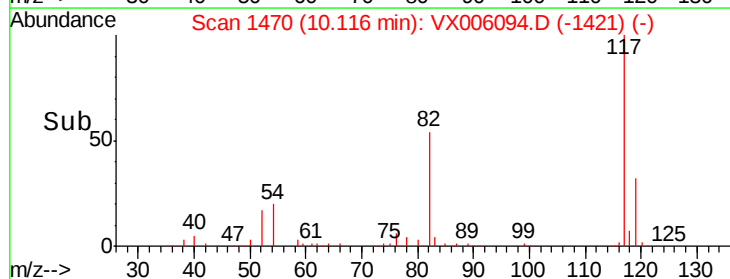
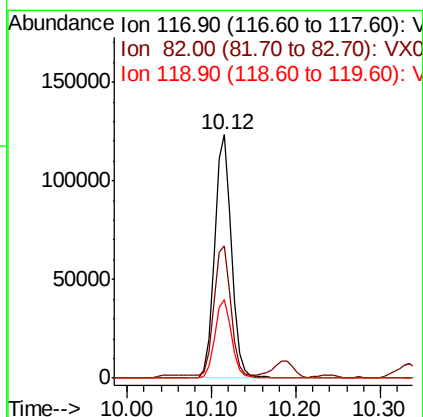
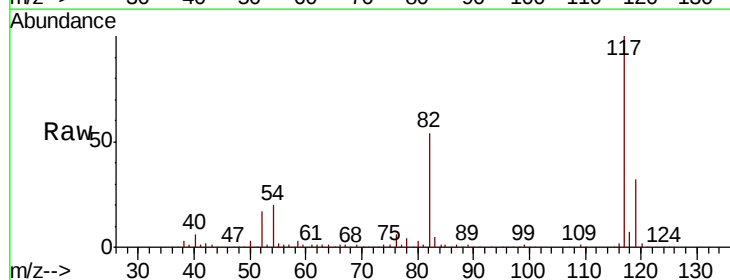
Instrument :
MSVOA_X
ClientSampleId :
FDSB-04(10-12)

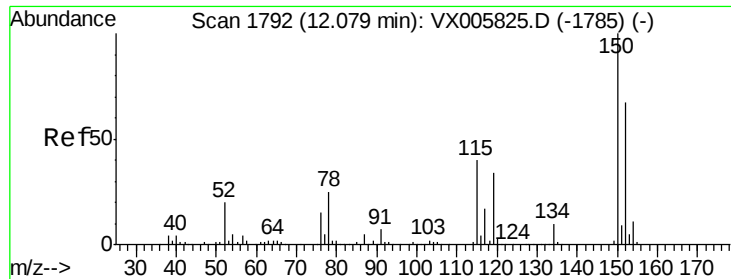
Tot Ion: 95 Resp: 86533
Ion Ratio Lower Upper
95 100
174 89.2 0.0 184.4
176 88.1 0.0 177.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006094.D
Acq: 19 Nov 2018 16:34

Tgt Ion: 117 Resp: 170867
Ion Ratio Lower Upper
117 100
82 53.5 44.1 66.1
119 32.3 26.2 39.2



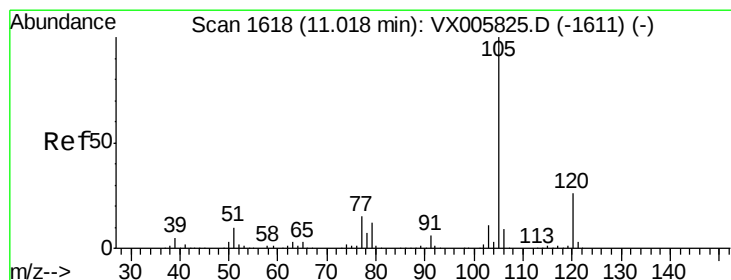
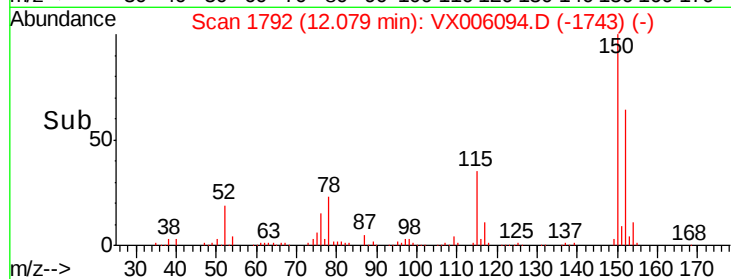
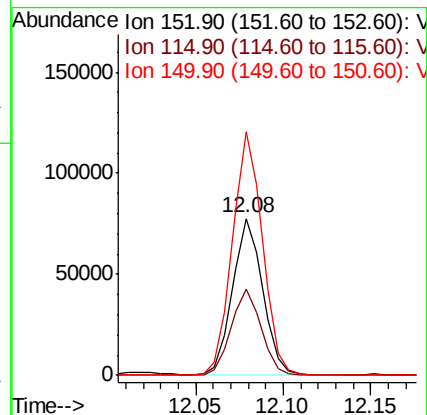
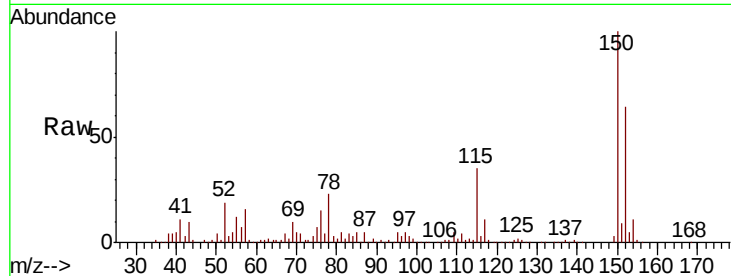


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006094.D
Acq: 19 Nov 2018 16:34

Instrument :
MSVOA_X
ClientSampleId :
FDSB-04(10-12)

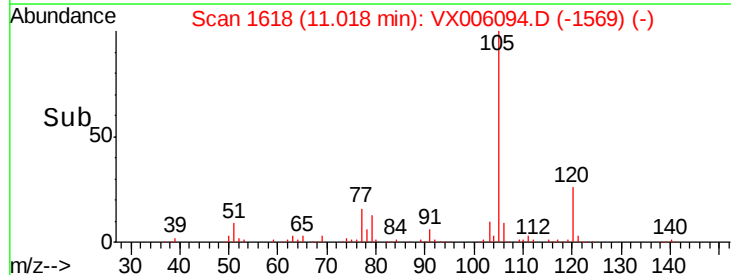
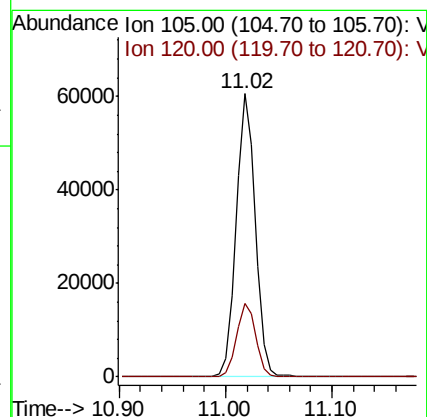
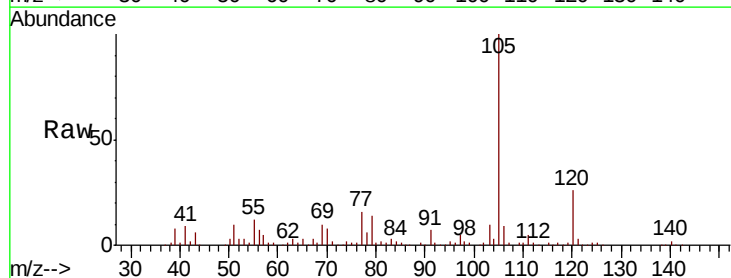
Tot Ion:152 Resp: 92955
Ion Ratio Lower Upper
152 100
115 54.9 39.4 118.1
150 155.9 0.0 346.4

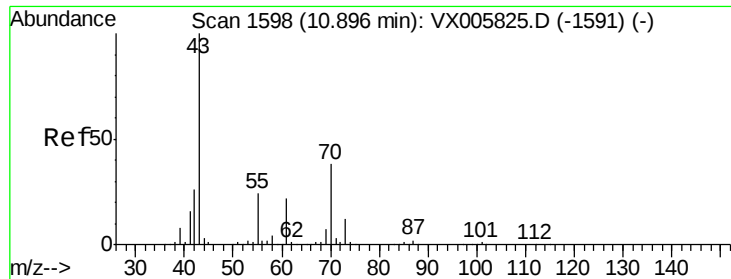


#73

Isopropylbenzene
Concen: 14.196 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX006094.D
Acq: 19 Nov 2018 16:34

Tgt Ion:105 Resp: 76312
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.3





#74

N-amvl acetate

Concen: 16.954 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX006094.D

Acq: 19 Nov 2018 16:34

Instrument :

MSVOA_X

ClientSampleId :

FDSB-04(10-12)

Tot Ion: 43 Resp: 48580

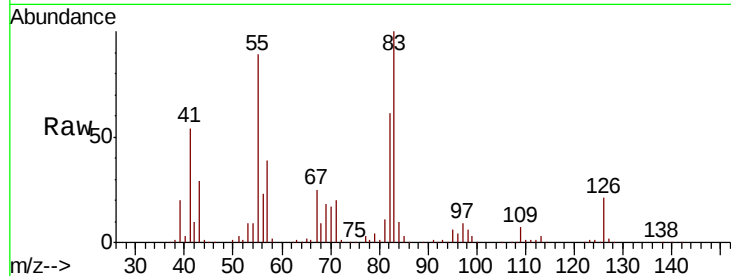
Ion Ratio Lower Upper

43 100

70 69.3 31.6 47.4#

55 269.3 19.7 29.5#

61 0.0 18.3 27.5#

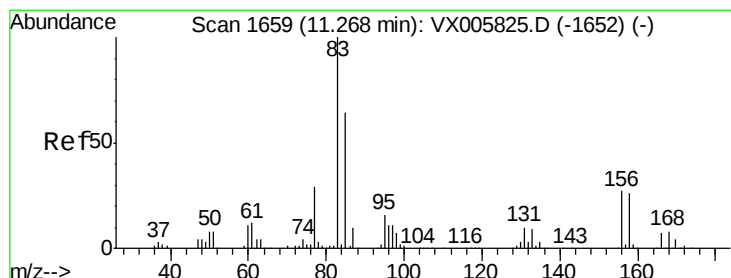
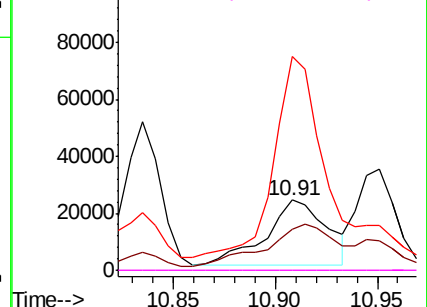
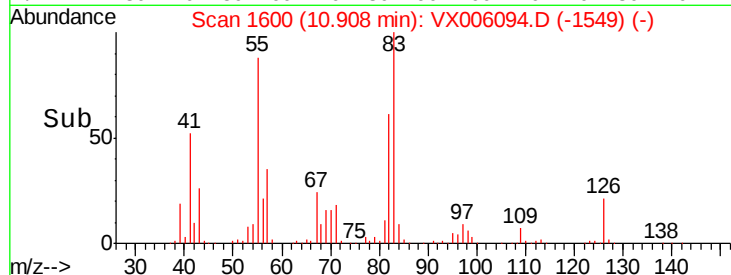


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#75

1,1,2,2-Tetrachloroethane

Concen: 14.016 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX006094.D

Acq: 19 Nov 2018 16:34

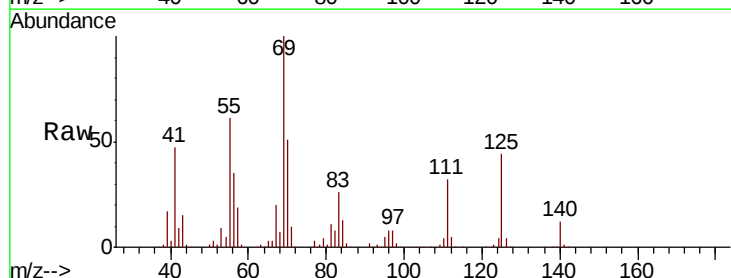
Tgt Ion: 83 Resp: 27655

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

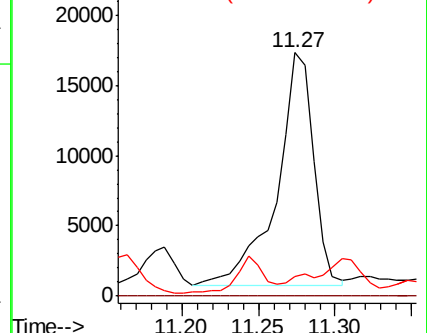
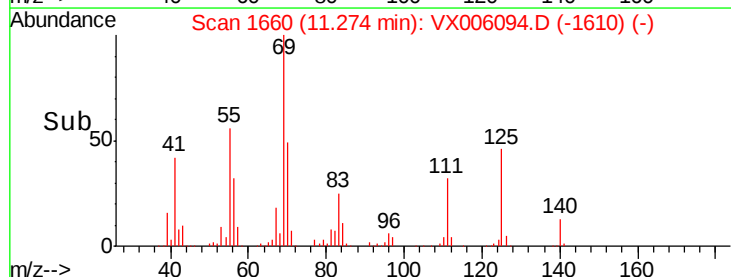
85 0.0 32.0 96.2#

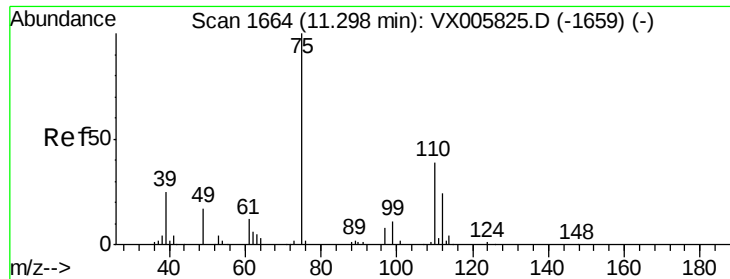


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

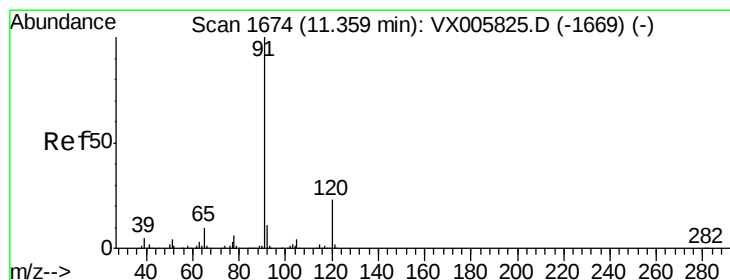
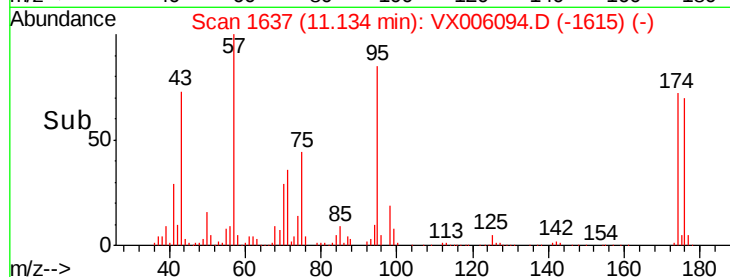
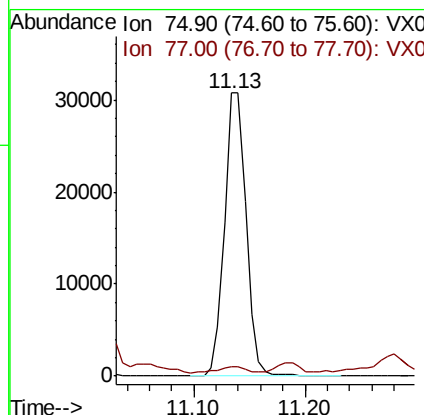
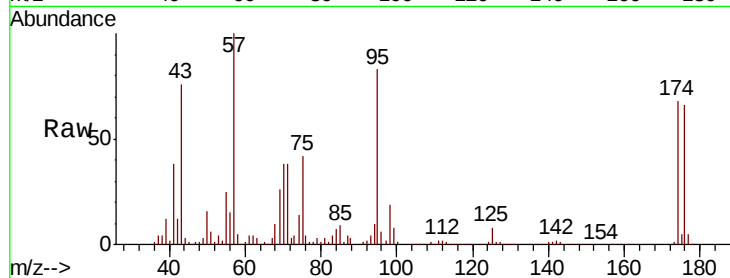




#76
 1,2,3-Trichloropropane
 Concen: 21.926 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX006094.D
 Acq: 19 Nov 2018 16:34

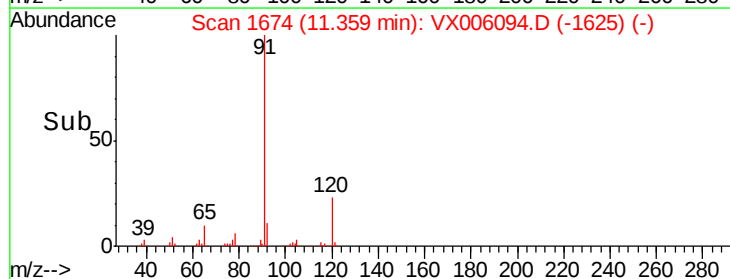
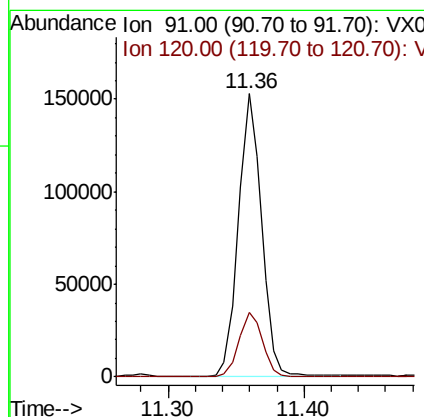
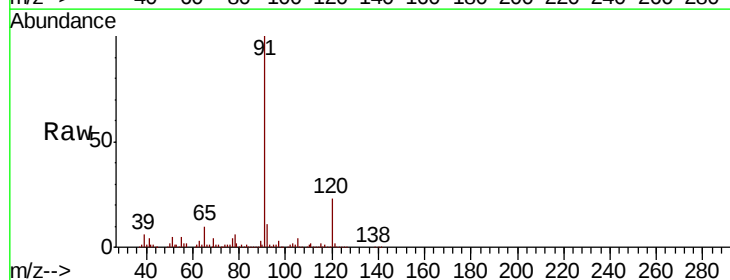
Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-04(10-12)

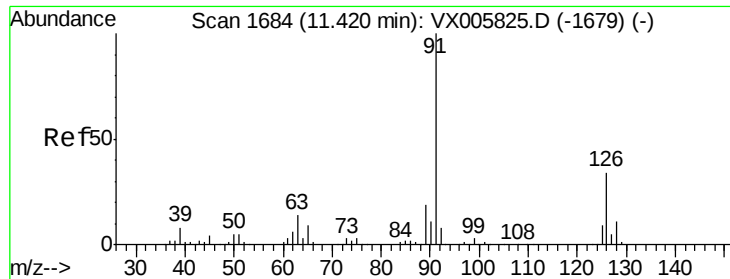
Tot Ion: 75 Resp: 41501
 Ion Ratio Lower Upper
 75 100
 77 2.3 20.5 61.6#



#78
 n-propylbenzene
 Concen: 28.663 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: VX006094.D
 Acq: 19 Nov 2018 16:34

Tgt Ion: 91 Resp: 181582
 Ion Ratio Lower Upper
 91 100
 120 23.2 11.9 35.5





#79

2-Chlorotoluene

Concen: 47.420 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.06 min

Lab File: VX006094.D

Acq: 19 Nov 2018 16:34

Instrument :

MSVOA_X

ClientSampleId :

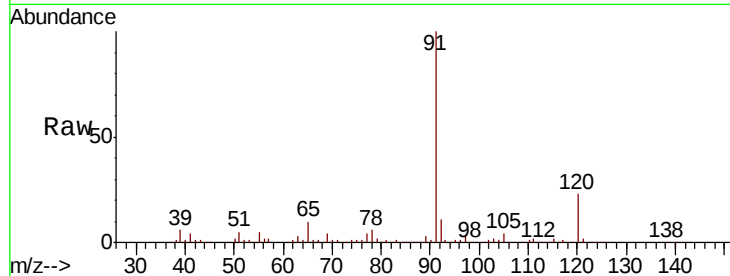
FDSB-04(10-12)

Tot Ion: 91 Resp: 181582

Ion Ratio Lower Upper

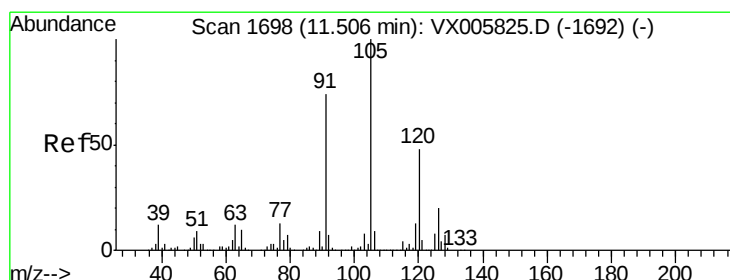
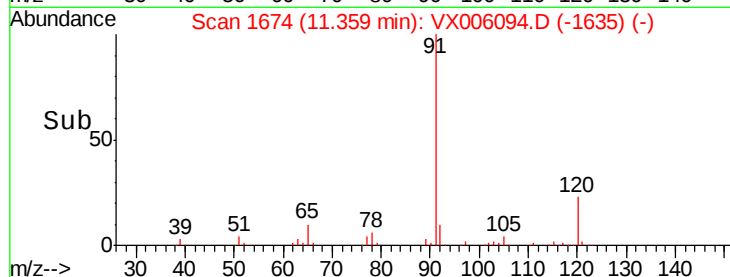
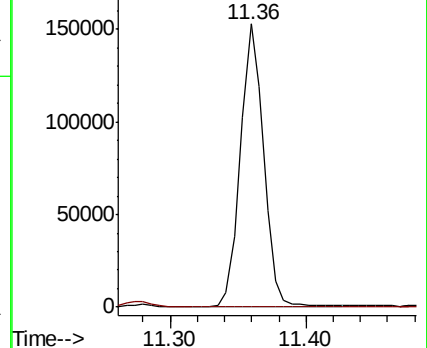
91 100

126 0.1 17.3 52.0#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 1.222 ug/l

RT: 11.67 min Scan# 1725

Delta R.T. 0.16 min

Lab File: VX006094.D

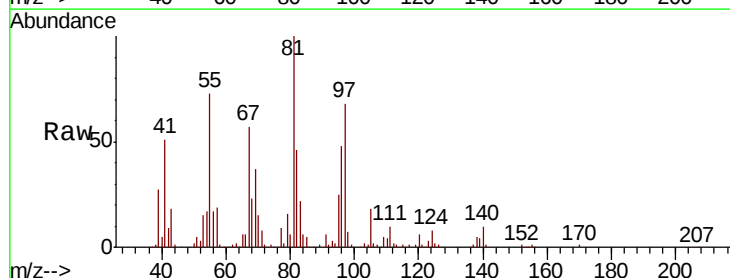
Acq: 19 Nov 2018 16:34

Tgt Ion:105 Resp: 5584

Ion Ratio Lower Upper

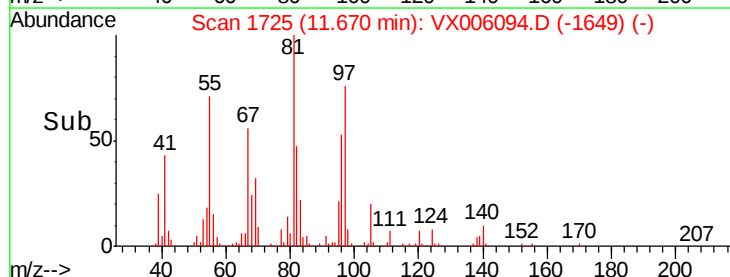
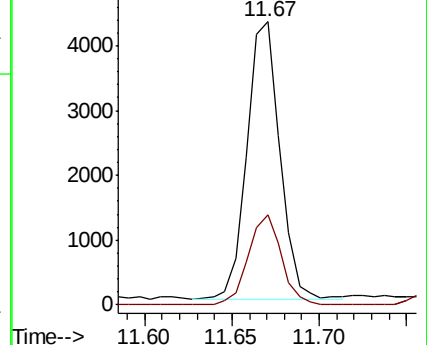
105 100

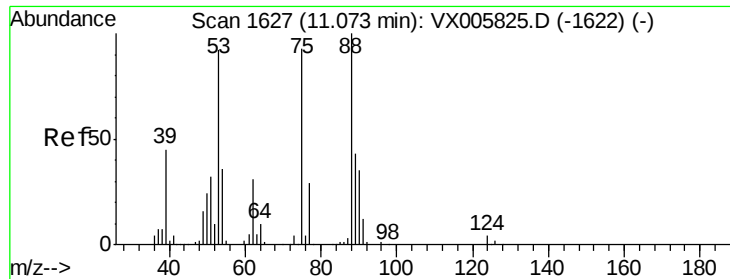
120 32.6 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 69.882 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006094.D

Acq: 19 Nov 2018 16:34

Instrument :

MSVOA_X

ClientSampleId :

FDSB-04(10-12)

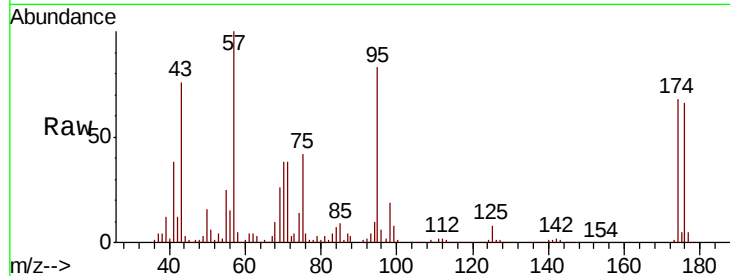
Tot Ion: 75 Resp: 41501

Ion Ratio Lower Upper

75 100

53 8.8 80.2 120.2#

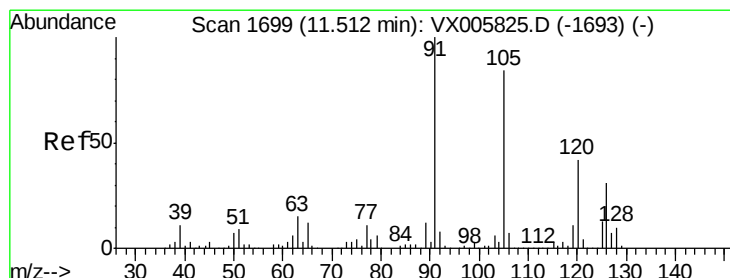
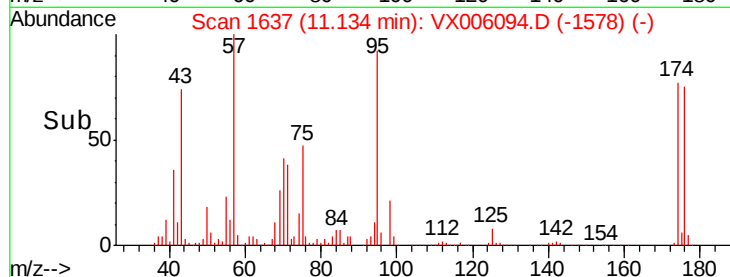
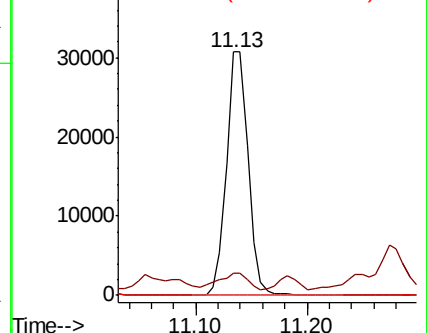
89 0.0 39.8 59.8#



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: 40.237 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.15 min

Lab File: VX006094.D

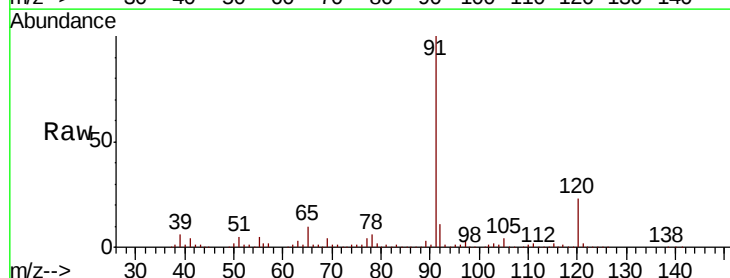
Acq: 19 Nov 2018 16:34

Tgt Ion: 91 Resp: 181582

Ion Ratio Lower Upper

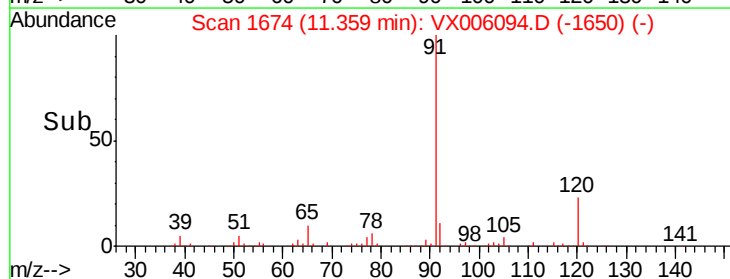
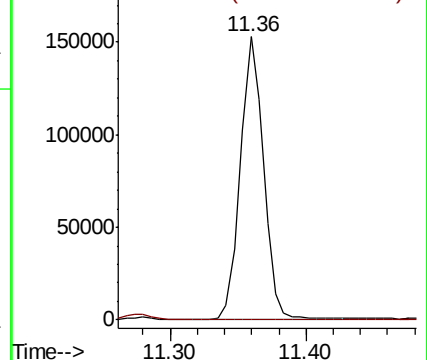
91 100

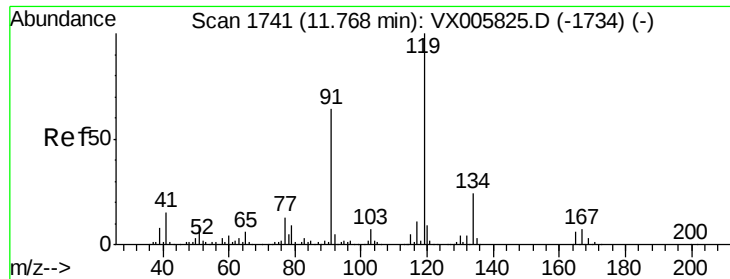
126 0.1 15.2 45.6#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 1.622 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX006094.D

Acq: 19 Nov 2018 16:34

Instrument :

MSVOA_X

ClientSampleId :

FDSB-04(10-12)

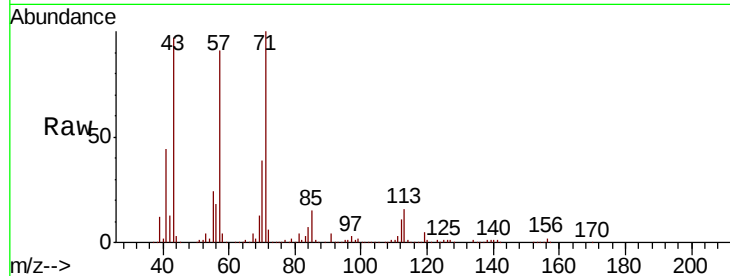
Tot Ion:119 Resp: 7495

Ion Ratio Lower Upper

119 100

91 69.2 28.5 85.5

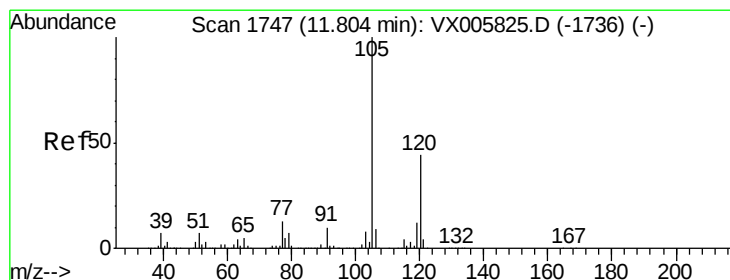
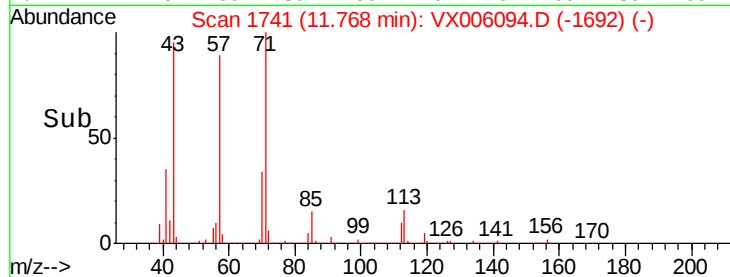
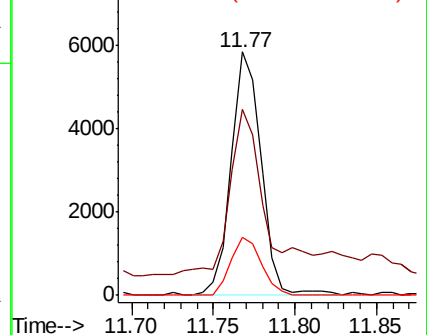
134 24.3 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 0.986 ug/l

RT: 11.67 min Scan# 1725

Delta R.T. -0.13 min

Lab File: VX006094.D

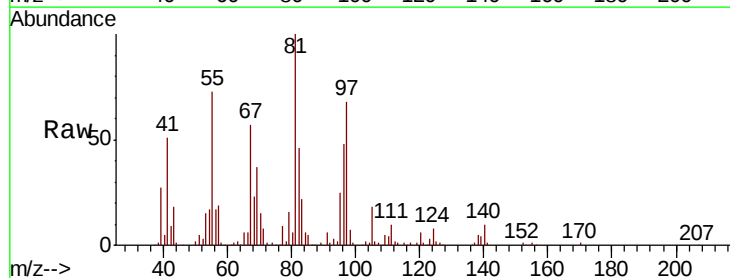
Acq: 19 Nov 2018 16:34

Tgt Ion:105 Resp: 5564

Ion Ratio Lower Upper

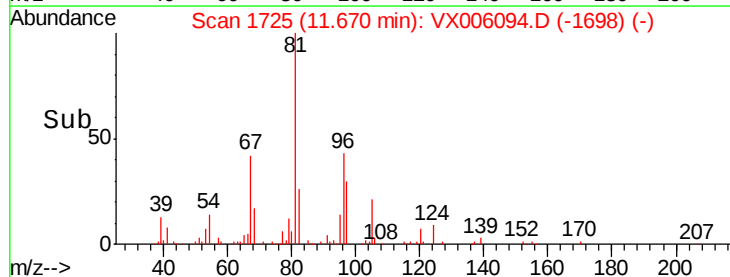
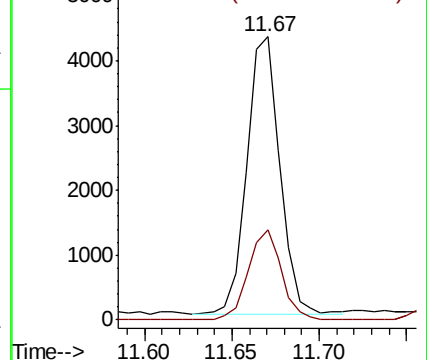
105 100

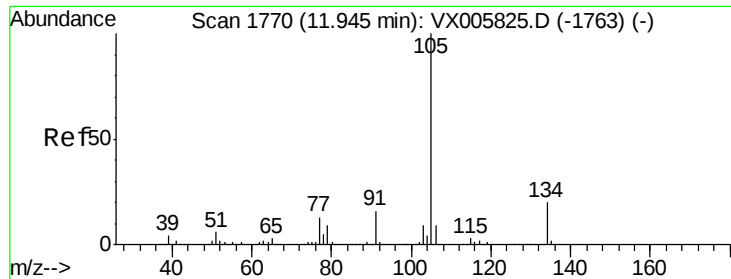
120 32.8 22.4 67.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 22.195 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006094.D

Acq: 19 Nov 2018 16:34

Instrument :

MSVOA_X

ClientSampleId :

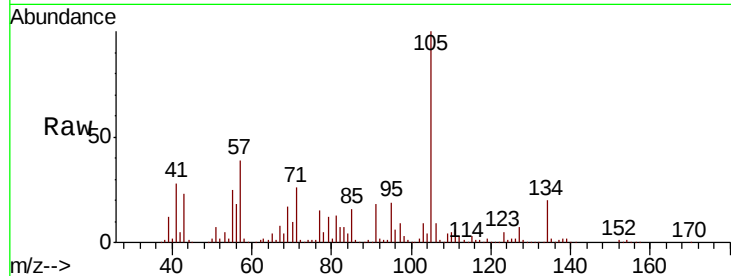
FDSB-04(10-12)

Tot Ion:105 Resp: 125427

Ion Ratio Lower Upper

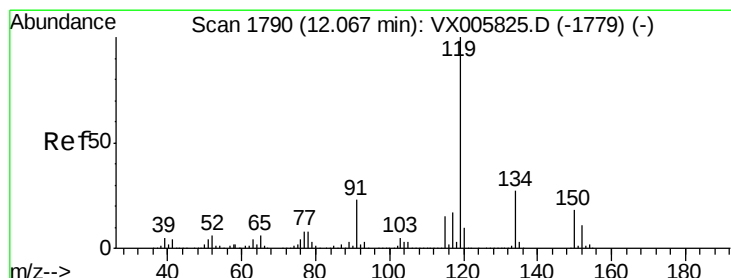
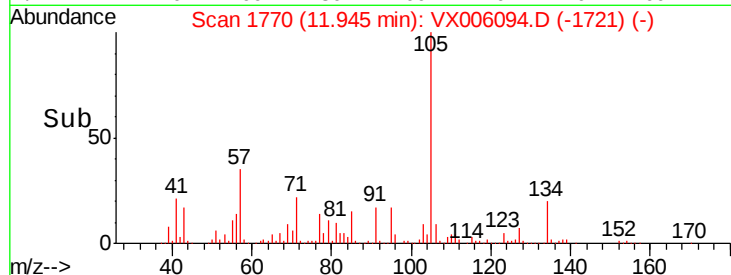
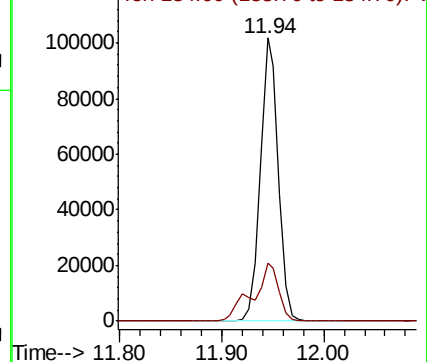
105 100

134 29.4 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 5.434 ug/l

RT: 12.23 min Scan# 1817

Delta R.T. 0.16 min

Lab File: VX006094.D

Acq: 19 Nov 2018 16:34

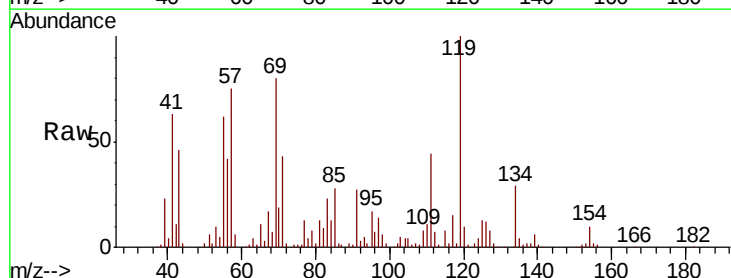
Tgt Ion:119 Resp: 27203

Ion Ratio Lower Upper

119 100

134 28.6 13.0 39.0

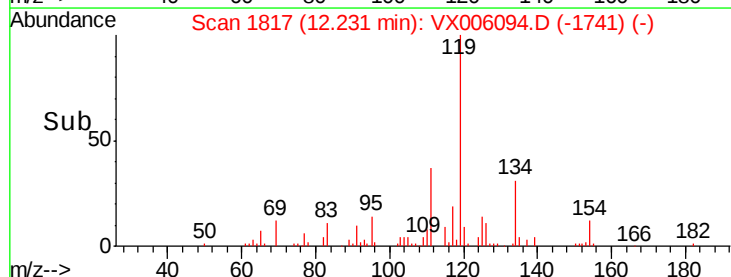
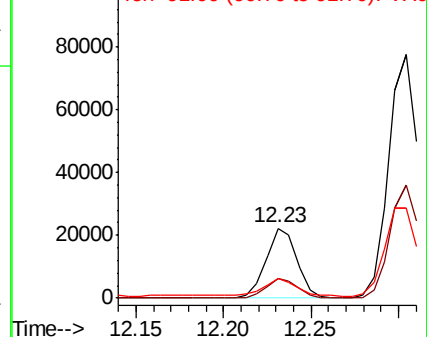
91 27.6 11.4 34.2

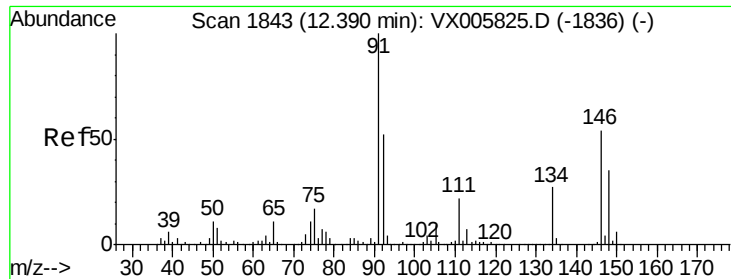


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

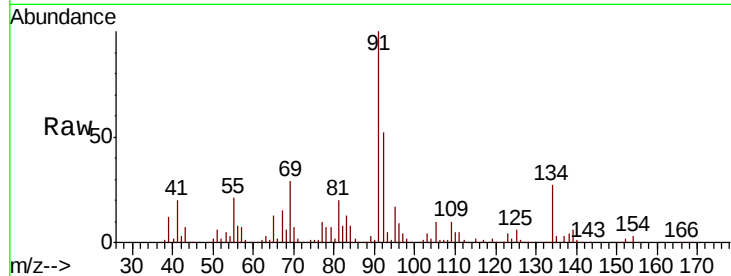




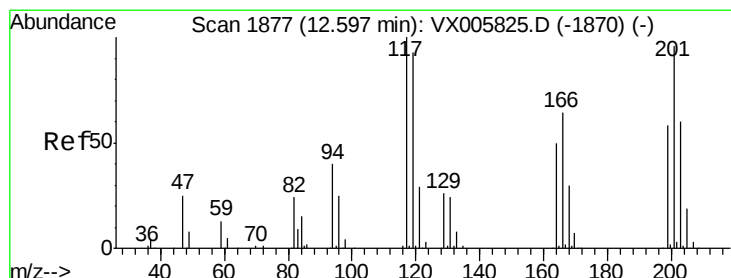
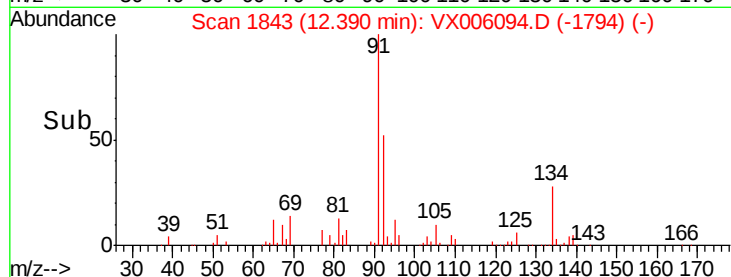
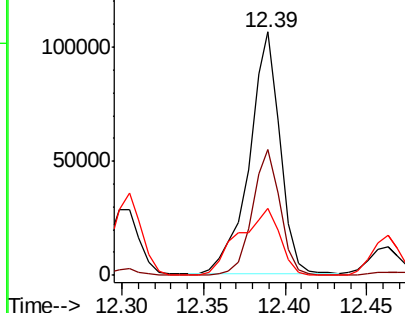
#89
n-Butylbenzene
Concen: 29.840 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006094.D
Acq: 19 Nov 2018 16:34

Instrument :
MSVOA_X
ClientSampled :
FDSB-04(10-12)

Tot Ion: 91 Resp: 138441
Ion Ratio Lower Upper
91 100
92 47.0 26.1 78.2
134 37.7 13.1 39.3

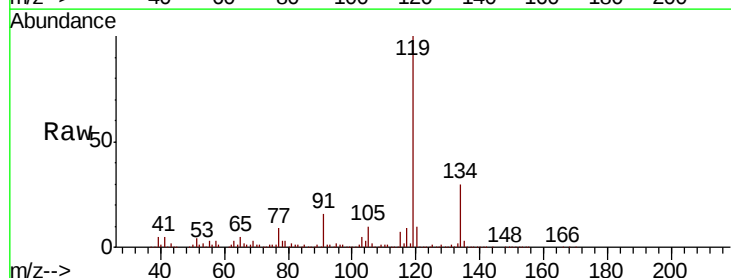


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V

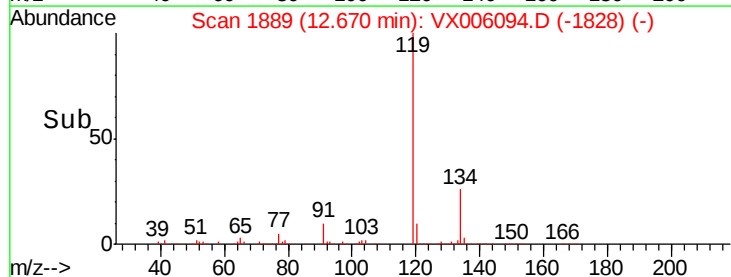
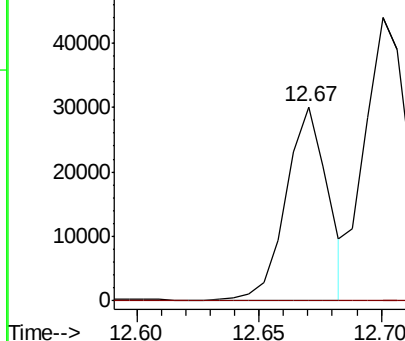


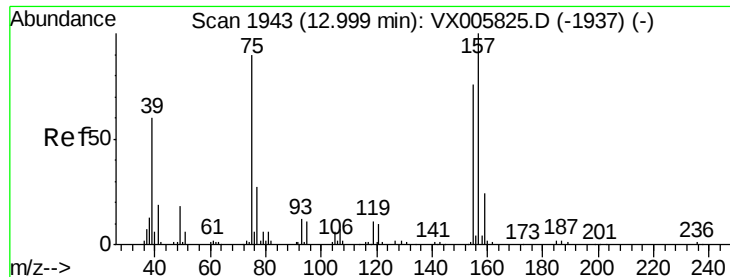
#90
Hexachloroethane
Concen: 42.384 ug/l
RT: 12.67 min Scan# 1889
Delta R.T. 0.07 min
Lab File: VX006094.D
Acq: 19 Nov 2018 16:34

Tgt Ion: 117 Resp: 35422
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: 5.113 ug/l

RT: 12.97 min Scan# 1939

Delta R.T. -0.02 min

Lab File: VX006094.D

Acq: 19 Nov 2018 16:34

Instrument :

MSVOA_X

ClientSampleId :

FDSB-04(10-12)

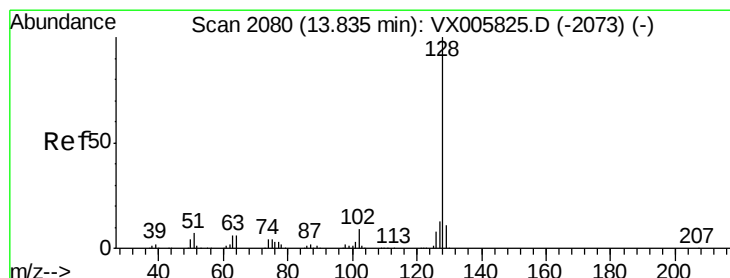
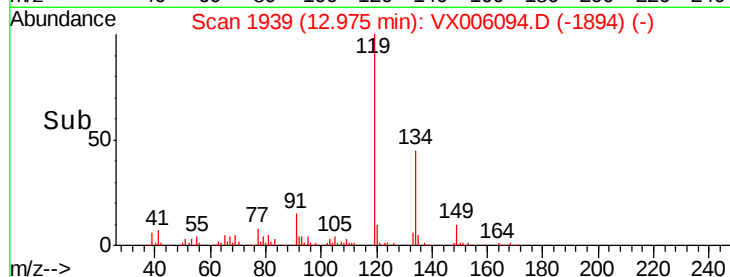
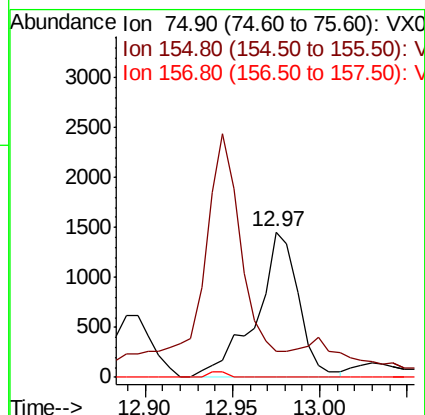
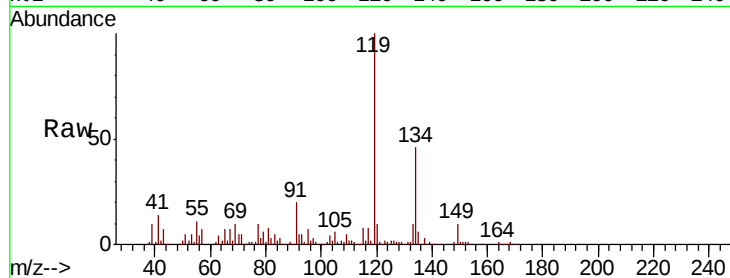
Tot Ion: 75 Resp: 2462

Ion Ratio Lower Upper

75 100

155 0.0 45.4 136.1#

157 0.0 57.4 172.0#



#95

Naphthalene

Concen: 1.990 ug/l

RT: 13.85 min Scan# 2083

Delta R.T. 0.02 min

Lab File: VX006094.D

Acq: 19 Nov 2018 16:34

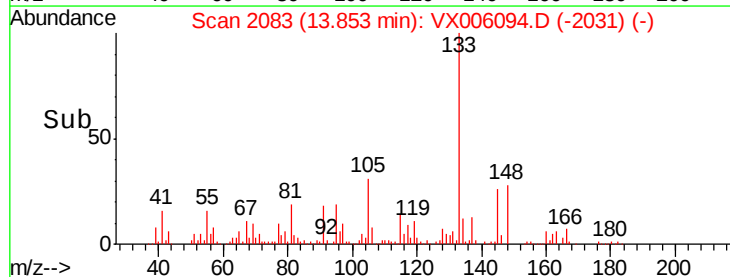
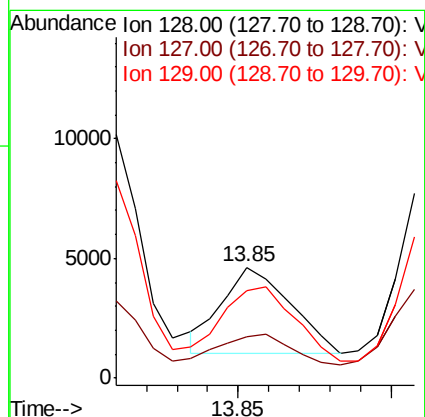
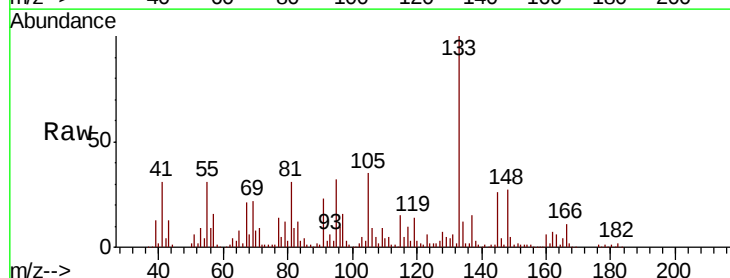
Tgt Ion: 128 Resp: 5562

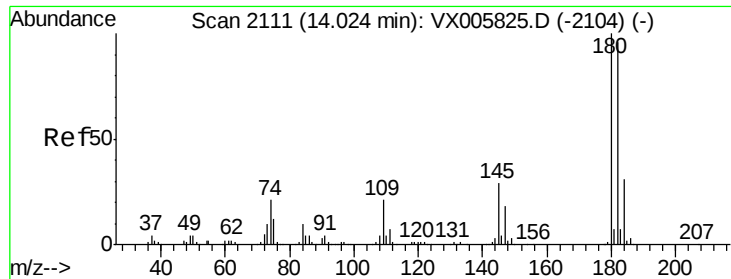
Ion Ratio Lower Upper

128 100

127 39.3 10.4 15.6#

129 91.0 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.161 ug/l
 RT: 14.04 min Scan# 2113
 Delta R.T. 0.01 min
 Lab File: VX006094.D
 Acq: 19 Nov 2018 16:34

Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-04(10-12)

Tot Ion:180 Resp: 2426
 Ion Ratio Lower Upper
 180 100
 182 19.9 48.0 144.2#
 145 1891.3 15.1 45.3#

