

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

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

Quant Time: Nov 19 00:17:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

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

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

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	461	0.517	ug/l	83
11) Tert butyl alcohol	3.02	59	1144	2.833	ug/l #	72
13) Acrolein	2.35	56	19	19.255	ug/l #	14
15) Acrylonitrile	3.14	53	443	0.529	ug/l #	34
18) Methyl Acetate	2.80	43	1951	Below Cal	#	55
20) Methylene Chloride	2.84	84	863	0.692	ug/l #	81
29) Tetrahydrofuran	5.20	42	978	1.276	ug/l #	1
30) Chloroform	5.22	83	1063	0.487	ug/l #	25
31) Cyclohexane	5.56	56	47200	24.035	ug/l #	83
36) 1,1-Dichloropropene	5.65	75	8595	4.402	ug/l #	49
38) Carbon Tetrachloride	5.66	117	10885	5.568	ug/l #	15
39) Methylcyclohexane	7.45	83	426079	215.287	ug/l	92
43) Isopropyl Acetate	6.43	43	6419	1.725	ug/l #	63
46) Dibromomethane	7.63	93	218	0.251	ug/l #	1
47) Bromodichloromethane	7.84	83	5258	3.209	ug/l #	1
48) Methyl methacrylate	7.73	41	23777	14.232	ug/l #	50
51) 4-Methyl-2-Pentanone	8.66	43	59349	25.309	ug/l #	45
55) 1,1,2-Trichloroethane	9.16	97	172551	121.693	ug/l #	18
56) Ethyl methacrylate	9.16	69	41081	19.364	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.34	63	671	8.840	ug/l #	48
59) 2-Hexanone	9.45	43	407799	197.288	ug/l #	31
61) 1,2-Dibromoethane	9.68	107	569	0.363	ug/l #	1
65) Chlorobenzene	10.17	112	819	0.272	ug/l #	42
67) Ethyl Benzene	10.25	91	3587	0.742	ug/l	91
68) m/p-Xylenes	10.36	106	11270	6.110	ug/l #	44
69) o-Xylene	10.70	106	4895	2.960	ug/l	71
73) Isopropylbenzene	11.02	105	295725	43.267	ug/l	99
74) N-amyl acetate	10.91	43	328669	84.809	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.28	83	200861	80.065	ug/l #	30
76) 1,2,3-Trichloropropane	11.37	75	4971	2.066	ug/l #	1
77) Bromobenzene	11.30	156	426	0.221	ug/l #	1
78) n-propylbenzene	11.37	91	799049	99.197	ug/l	98
79) 2-Chlorotoluene	11.37	91	799049	164.115	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	299260	51.523	ug/l	100

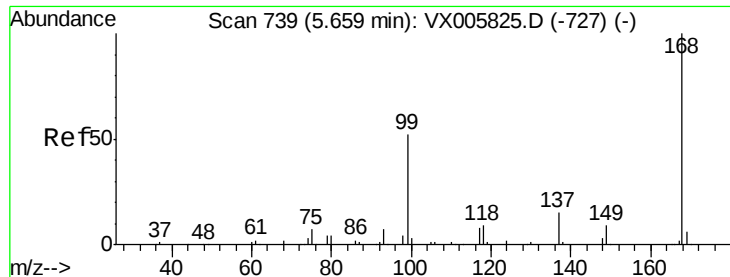
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111718\
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 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	11.02	75	3624	4.799	uq/l #	1
82) 4-Chlorotoluene	11.51	91	40053	6.980	uq/l #	52
83) tert-Butylbenzene	11.77	119	58850	10.015	uq/l	91
84) 1,2,4-Trimethylbenzene	11.82	105	2775940	433.991	uq/l	97
85) sec-Butylbenzene	11.95	105	864140	120.261	uq/l #	74
86) p-Isopropyltoluene	12.03	119	153257	24.079	uq/l	89
89) n-Butylbenzene	12.40	91	1257556	213.183	uq/l #	72
90) Hexachloroethane	12.59	117	116143	109.296	uq/l #	2
92) 1,2-Dibromo-3-Chloropropan	12.99	75	15793	25.798	uq/l #	2
93) 1,2,4-Trichlorobenzene	13.64	180	783	0.300	uq/l #	1
95) Naphthalene	13.82	128	94919	12.077	uq/l #	1
96) 1,2,3-Trichlorobenzene	14.04	180	15065	5.671	uq/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX006076.D

Acq: 17 Nov 2018 18:38

Instrument :

MSVOA_X

ClientSampleId :

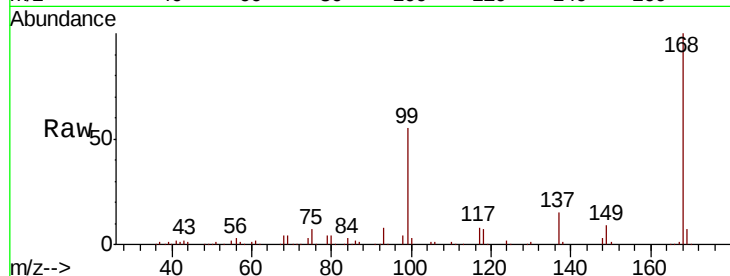
FDSB-05(25-27)ME

Tot Ion:168 Resp: 122618

Ion Ratio Lower Upper

168 100

99 54.4 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

40000

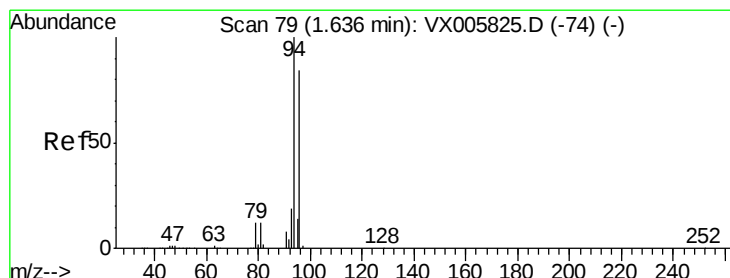
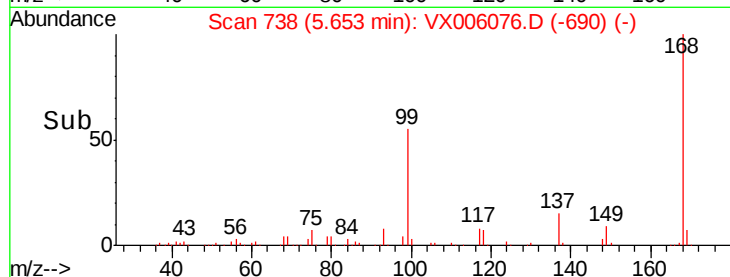
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.517 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX006076.D

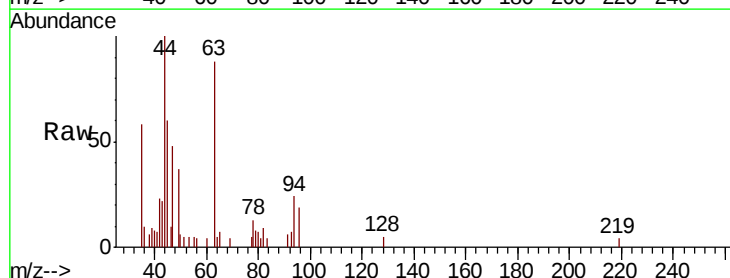
Acq: 17 Nov 2018 18:38

Tgt Ion: 94 Resp: 461

Ion Ratio Lower Upper

94 100

96 77.4 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

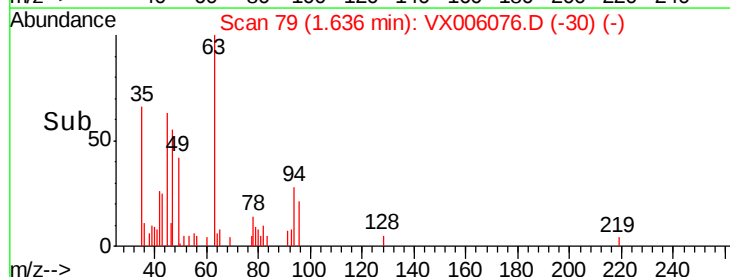
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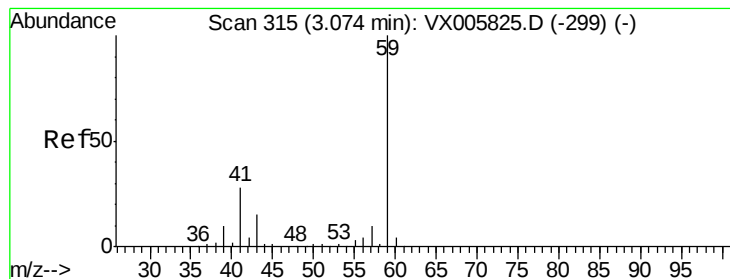
200

100

0

Time--> 1.60 1.65



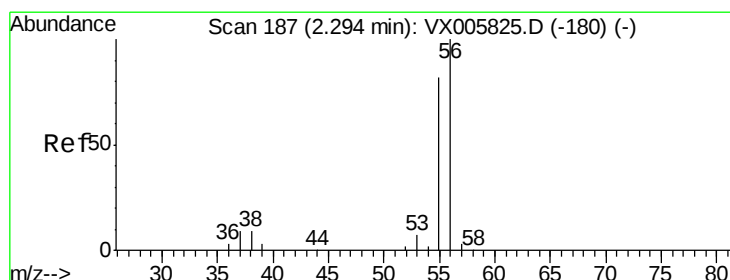
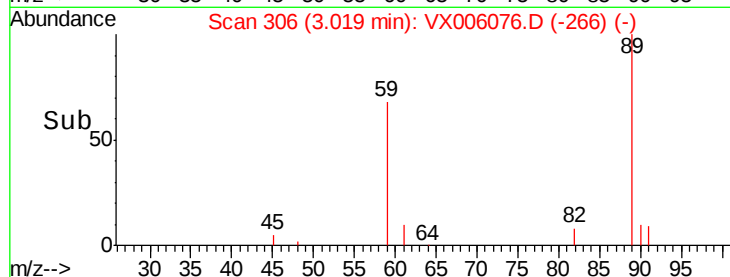
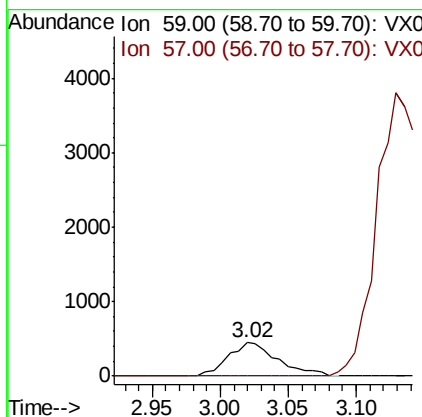
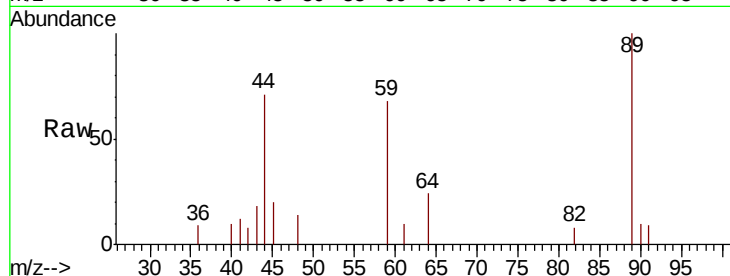


#11

Tert butyl alcohol
 Concen: 2.833 ug/l
 RT: 3.02 min Scan# 306
 Delta R.T. -0.05 min
 Lab File: VX006076.D
 Acq: 17 Nov 2018 18:38

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

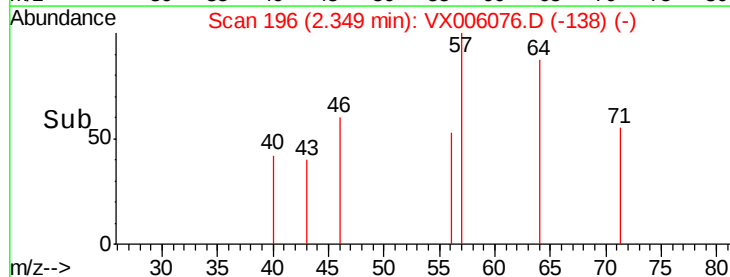
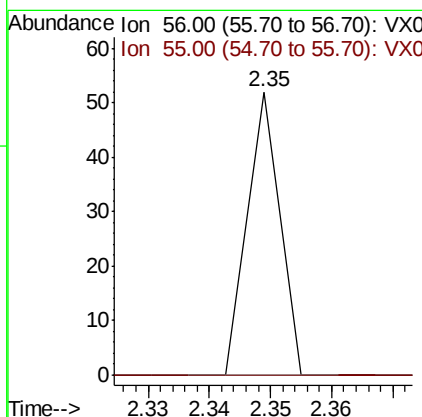
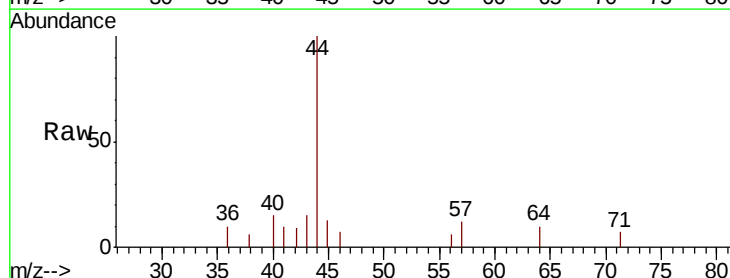
Tot Ion: 59 Resp: 1144
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

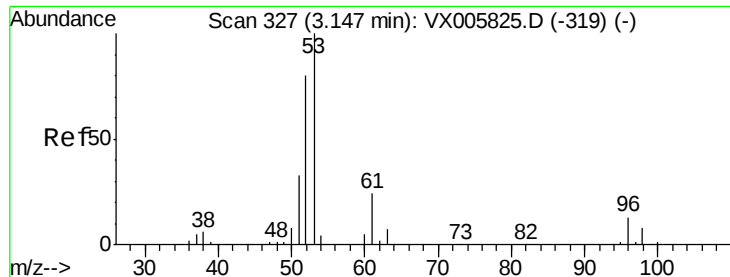


#13

Acrolein
 Concen: 19.255 ug/l
 RT: 2.35 min Scan# 196
 Delta R.T. 0.06 min
 Lab File: VX006076.D
 Acq: 17 Nov 2018 18:38

Tgt Ion: 56 Resp: 19
 Ion Ratio Lower Upper
 56 100
 55 0.0 57.3 85.9#





#15

Acrylonitrile

Concen: 0.529 ug/l

RT: 3.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX006076.D

Acq: 17 Nov 2018 18:38

Instrument :

MSVOA_X

ClientSampleId :

FDSB-05(25-27)ME

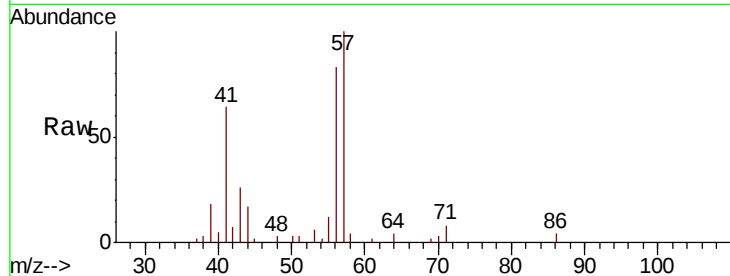
Tot Ion: 53 Resp: 443

Ion Ratio Lower Upper

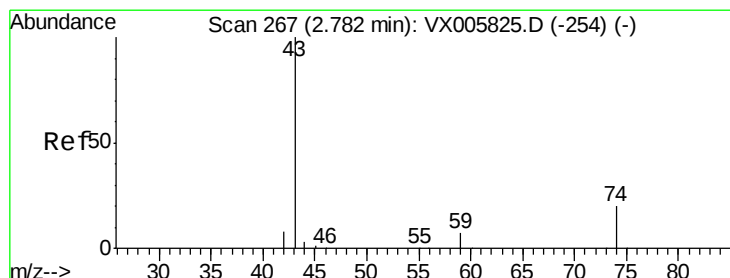
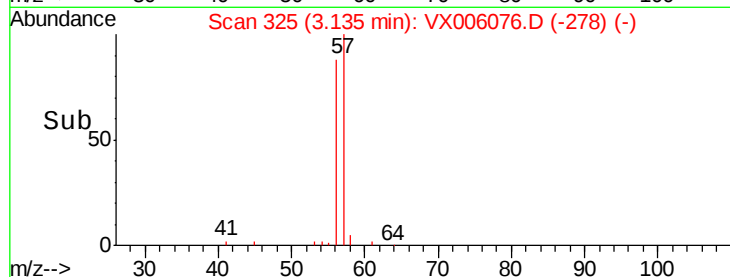
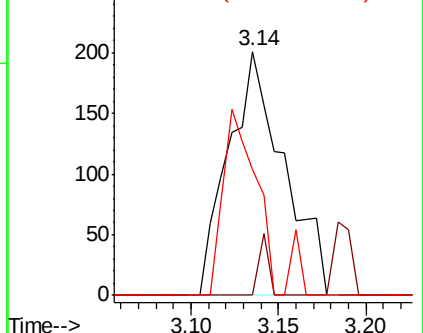
53 100

52 4.3 66.6 99.8#

51 44.7 28.4 42.6#



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#18

Methyl Acetate

Concen: Below Cal

RT: 2.80 min Scan# 270

Delta R.T. 0.02 min

Lab File: VX006076.D

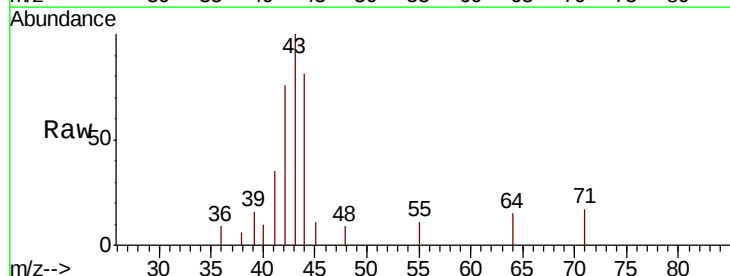
Acq: 17 Nov 2018 18:38

Tgt Ion: 43 Resp: 1951

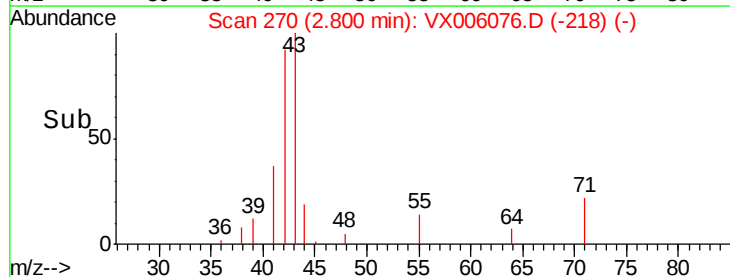
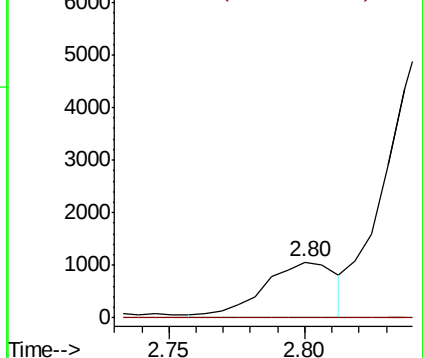
Ion Ratio Lower Upper

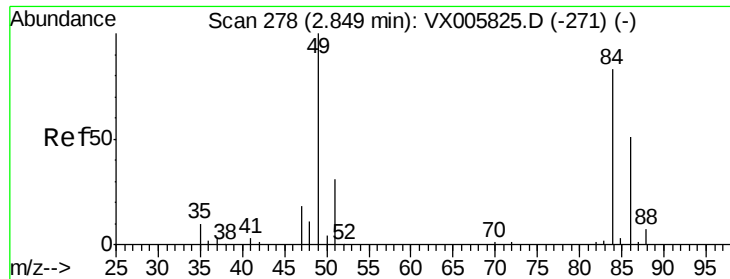
43 100

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

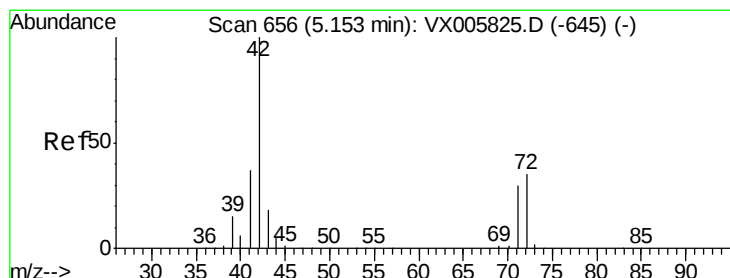
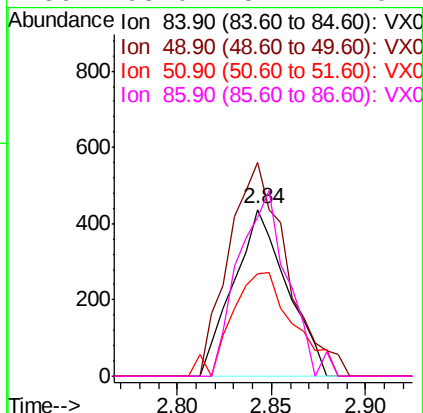
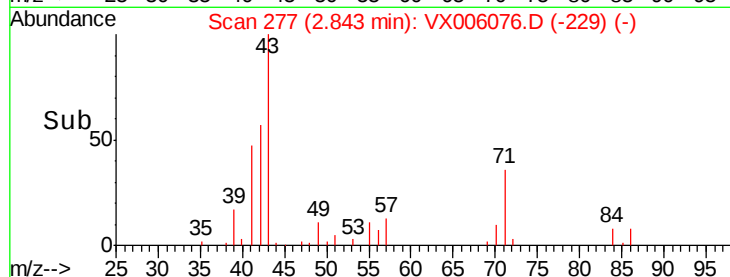
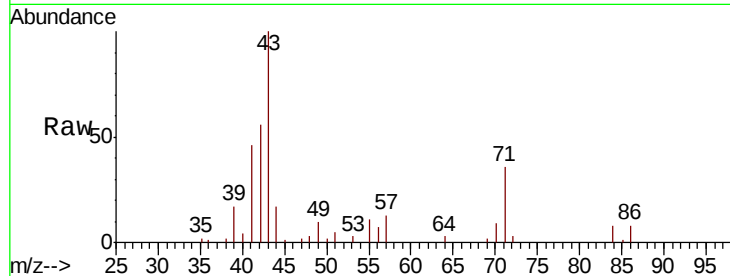




#20
Methvlene Chloride
Concen: 0.692 ug/l
RT: 2.84 min Scan# 277
Delta R.T. -0.01 min
Lab File: VX006076.D
Acq: 17 Nov 2018 18:38

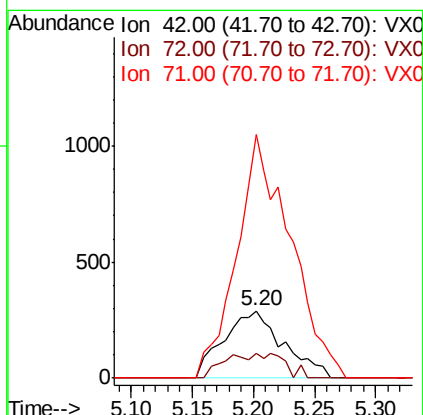
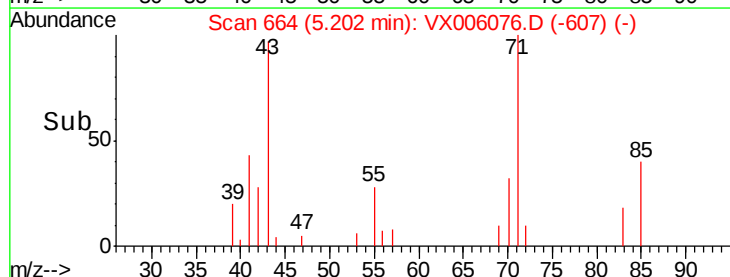
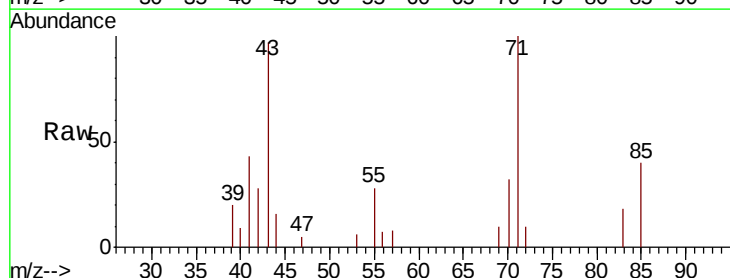
Instrument :
MSVOA_X
ClientSampleId :
FDSB-05(25-27)ME

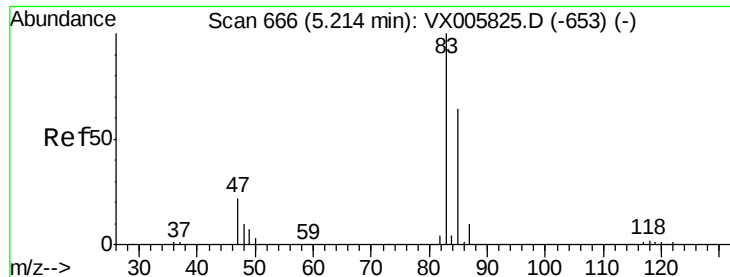
Tot Ion: 84 Resp: 863
Ion Ratio Lower Upper
84 100
49 128.1 109.5 164.3
51 61.3 33.3 49.9#
86 95.0 52.7 79.1#



#29
Tetrahydrofuran
Concen: 1.276 ug/l
RT: 5.20 min Scan# 664
Delta R.T. 0.05 min
Lab File: VX006076.D
Acq: 17 Nov 2018 18:38

Tgt Ion: 42 Resp: 978
Ion Ratio Lower Upper
42 100
72 17.1 32.0 48.0#
71 327.0 29.8 44.8#





#30

Chloroform

Concen: 0.487 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX006076.D

Acq: 17 Nov 2018 18:38

Instrument :

MSVOA_X

ClientSampleId :

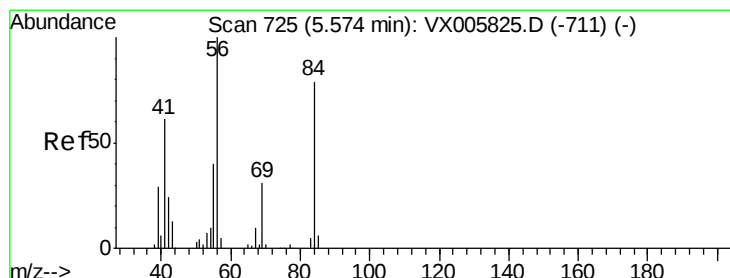
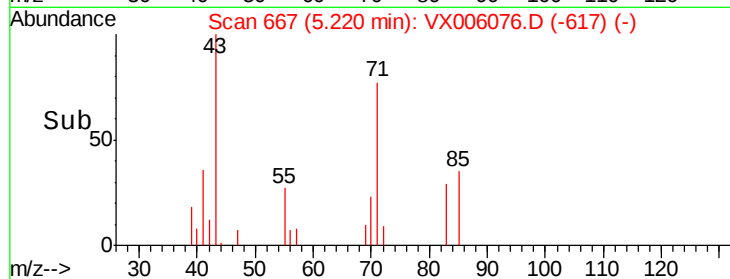
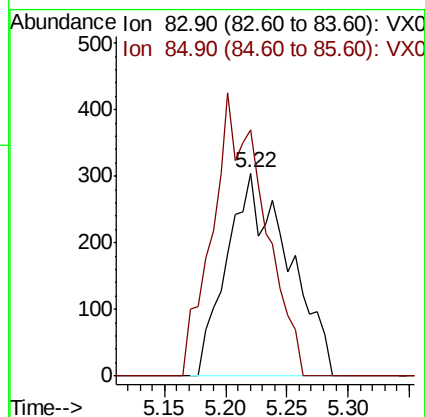
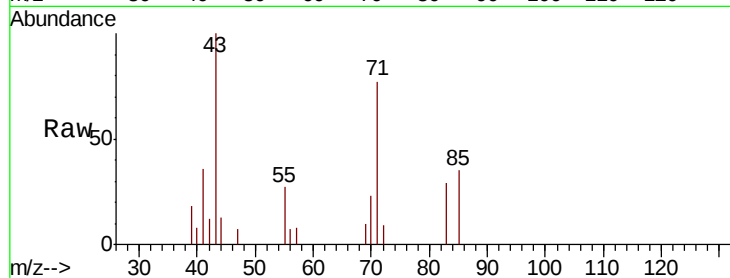
FDSB-05(25-27)ME

Tot Ion: 83 Resp: 1063

Ion Ratio Lower Upper

83 100

85 121.3 50.6 76.0#



#31

Cyclohexane

Concen: 24.035 ug/l

RT: 5.56 min Scan# 723

Delta R.T. -0.01 min

Lab File: VX006076.D

Acq: 17 Nov 2018 18:38

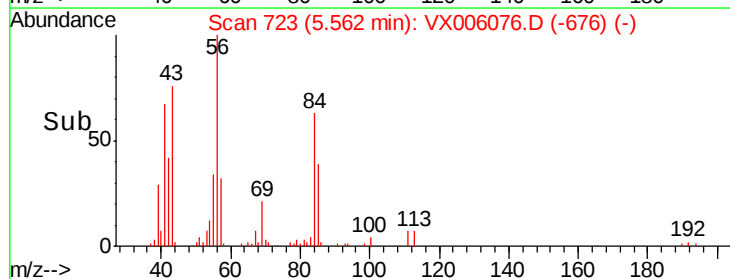
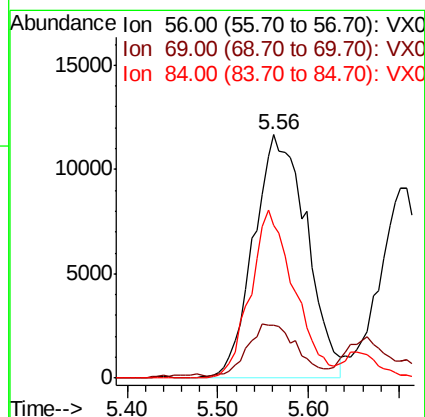
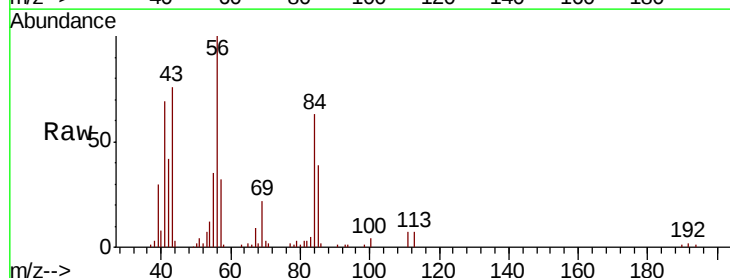
Tgt Ion: 56 Resp: 47200

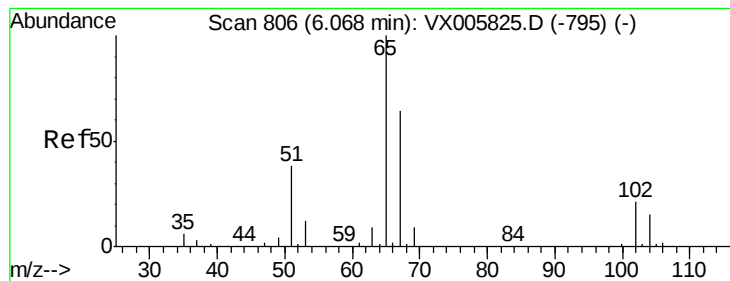
Ion Ratio Lower Upper

56 100

69 20.3 22.6 34.0#

84 62.8 62.7 94.1





#33

1,2-Dichloroethane-d4

Concen: 51.516 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX006076.D

Acq: 17 Nov 2018 18:38

Instrument :

MSVOA_X

ClientSampleId :

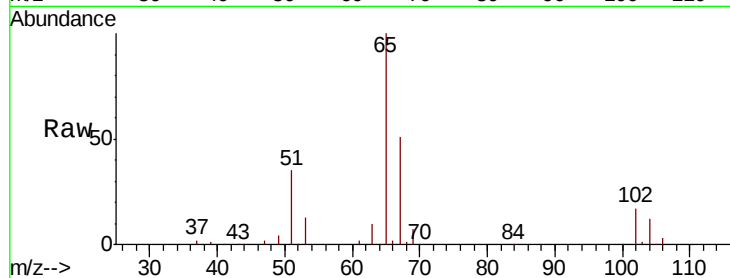
FDSB-05(25-27)ME

Tot Ion: 65 Resp: 72620

Ion Ratio Lower Upper

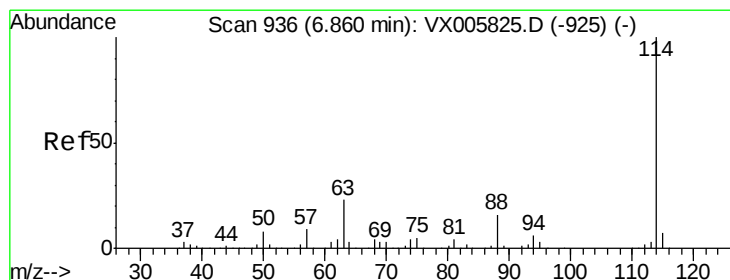
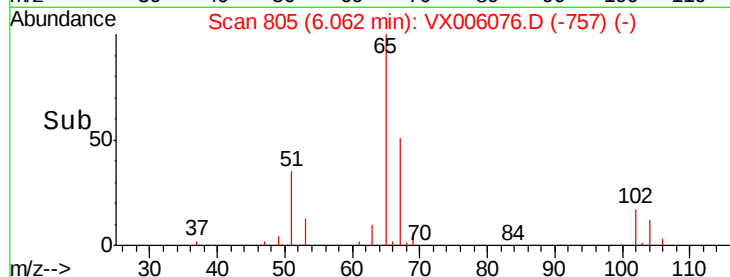
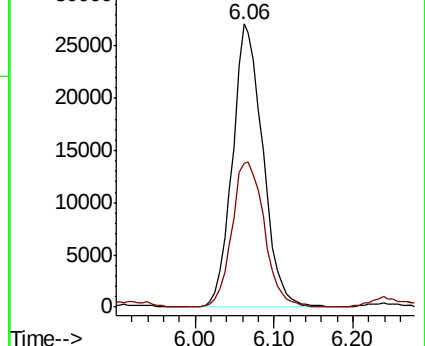
65 100

67 54.7 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006076.D

Acq: 17 Nov 2018 18:38

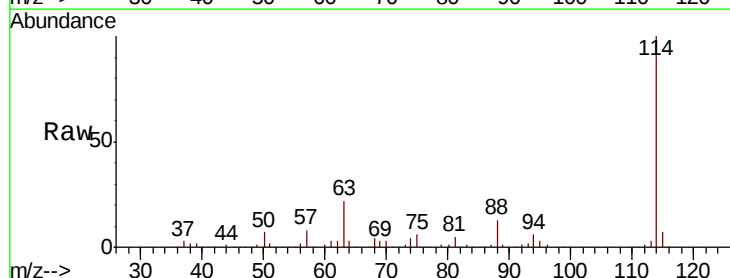
Tgt Ion: 114 Resp: 202557

Ion Ratio Lower Upper

114 100

63 21.7 0.0 42.8

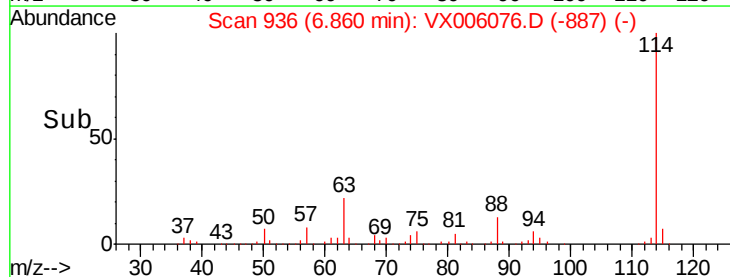
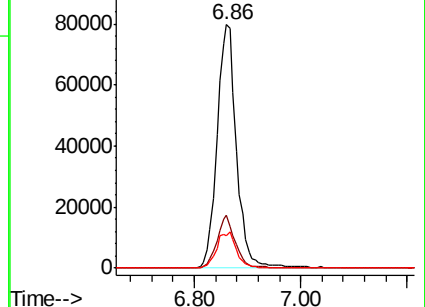
88 13.1 0.0 31.2

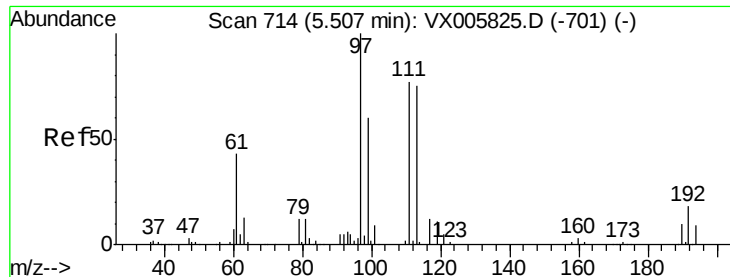


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 39.744 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX006076.D

Acq: 17 Nov 2018 18:38

Instrument :

MSVOA_X

ClientSampleId :

FDSB-05(25-27)ME

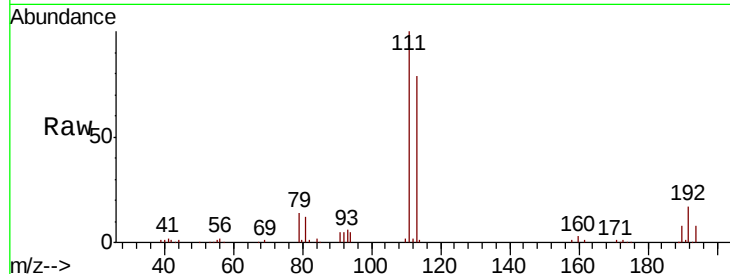
Tot Ion:113 Resp: 54755

Ion Ratio Lower Upper

113 100

111 103.5 82.3 123.5

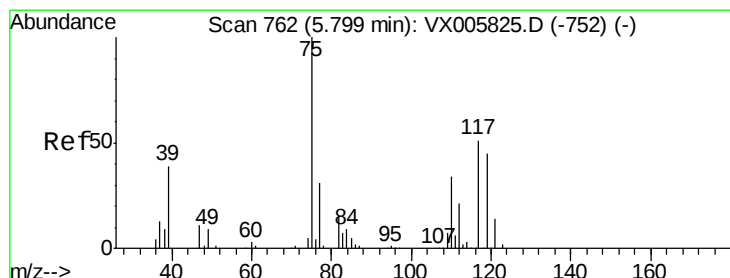
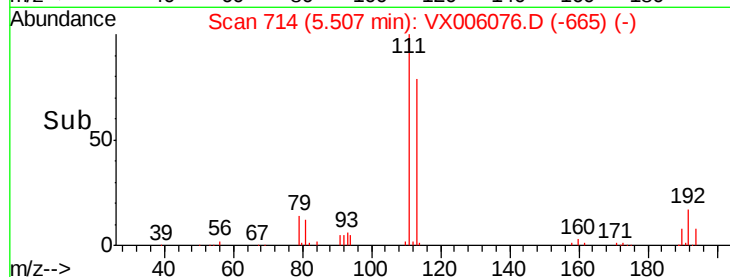
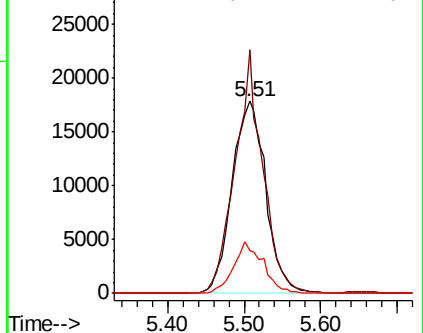
192 23.4 17.9 26.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.402 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.15 min

Lab File: VX006076.D

Acq: 17 Nov 2018 18:38

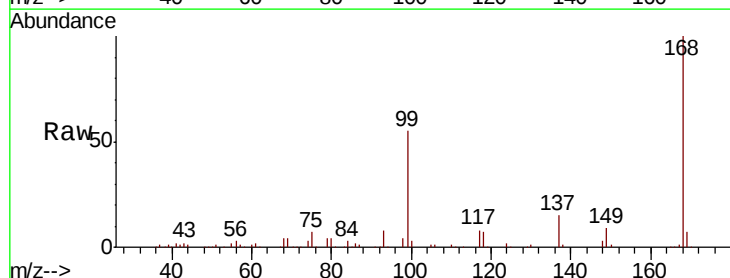
Tgt Ion: 75 Resp: 8595

Ion Ratio Lower Upper

75 100

110 8.6 17.4 52.2#

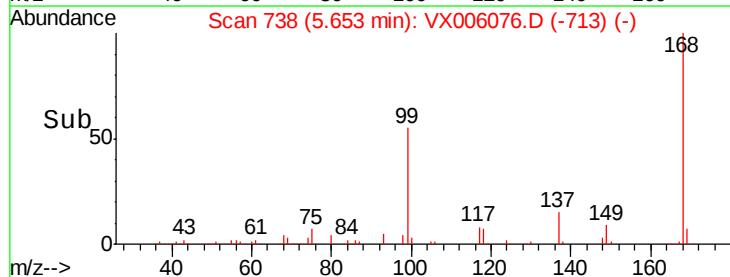
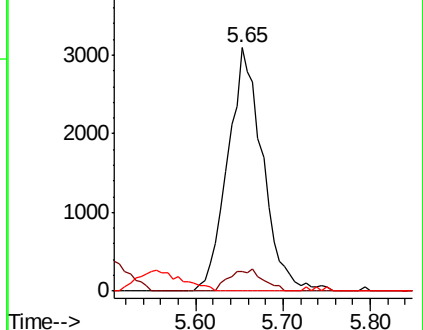
77 0.0 25.8 38.6#

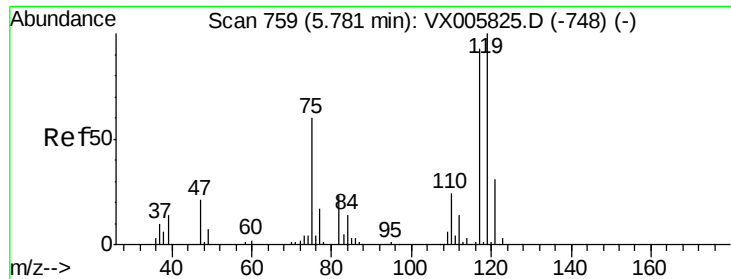


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 5.568 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX006076.D

Acq: 17 Nov 2018 18:38

Instrument :

MSVOA_X

ClientSampleId :

FDSB-05(25-27)ME

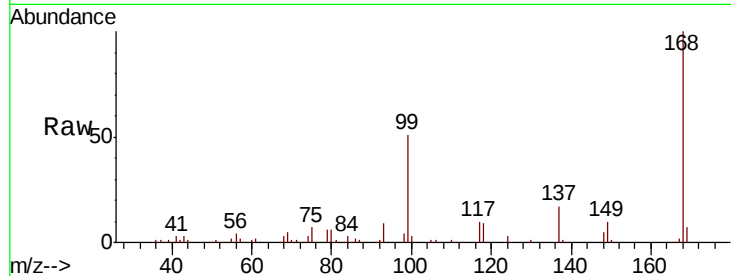
Tot Ion:117 Resp: 10885

Ion Ratio Lower Upper

117 100

119 5.0 78.1 117.1#

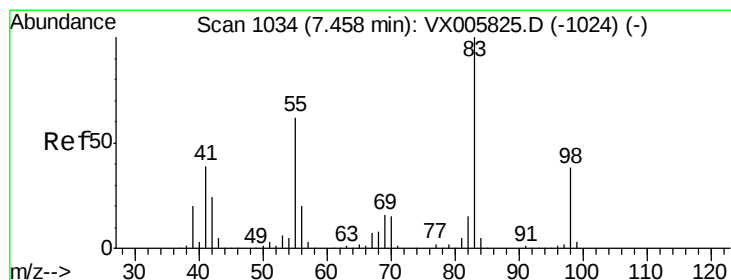
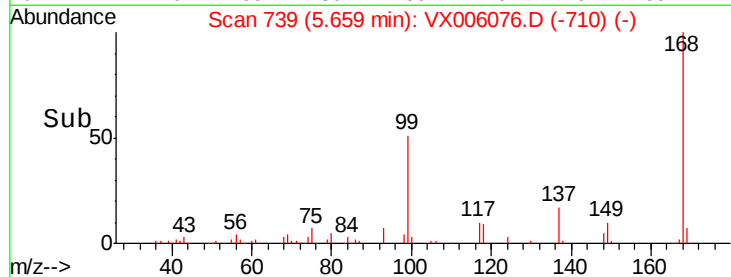
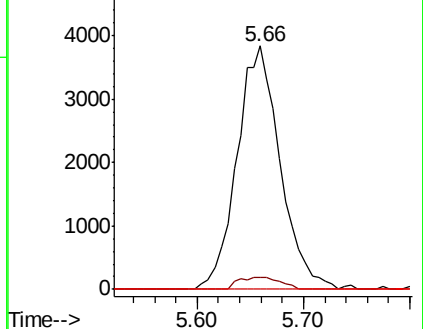
121 0.0 24.6 36.8#



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: 215.287 ug/l

RT: 7.45 min Scan# 1033

Delta R.T. -0.01 min

Lab File: VX006076.D

Acq: 17 Nov 2018 18:38

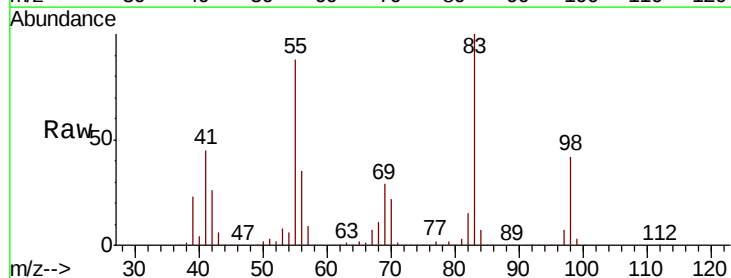
Tgt Ion: 83 Resp: 426079

Ion Ratio Lower Upper

83 100

55 88.4 63.7 95.5

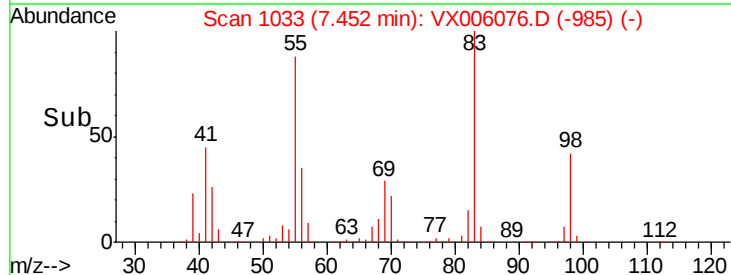
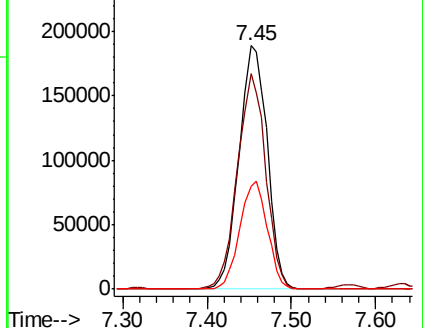
98 42.1 36.2 54.2

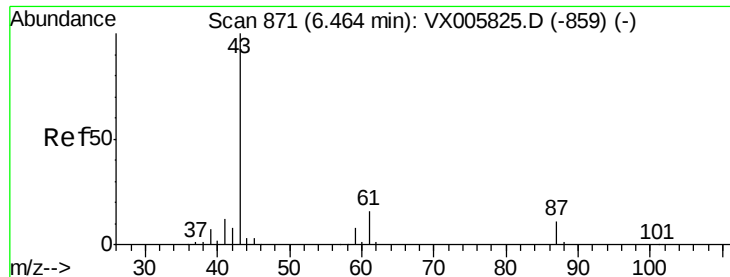


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#43

Isopropyl Acetate

Concen: 1.725 ug/l

RT: 6.43 min Scan# 866

Delta R.T. -0.03 min

Lab File: VX006076.D

Acq: 17 Nov 2018 18:38

Instrument :

MSVOA_X

ClientSampleId :

FDSB-05(25-27)ME

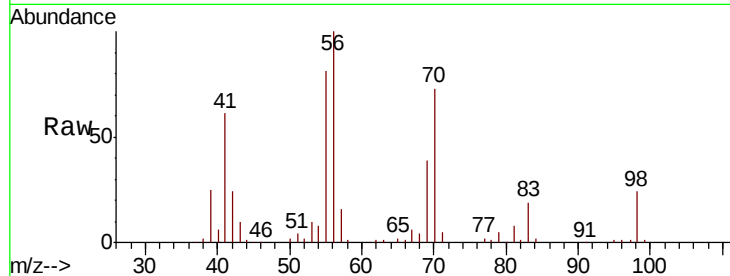
Tot Ion: 43 Resp: 6419

Ion Ratio Lower Upper

43 100

61 0.0 14.6 22.0#

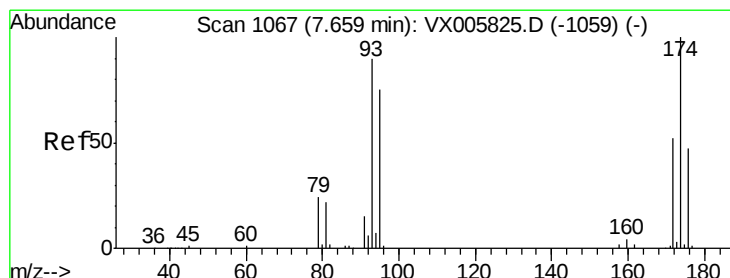
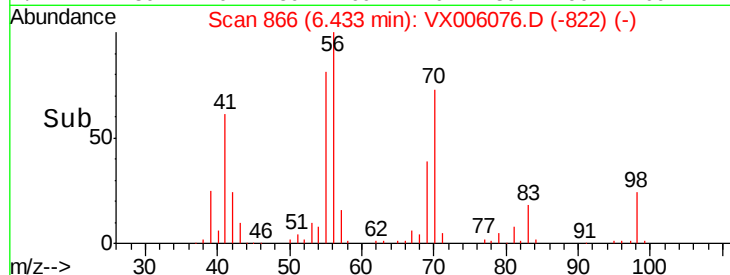
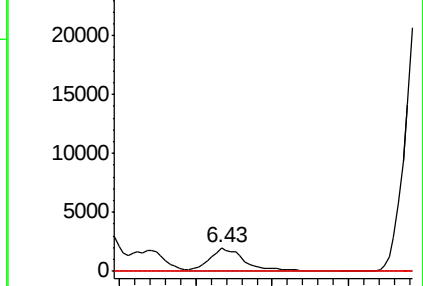
87 0.0 9.6 14.4#



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



#46

Dibromomethane

Concen: 0.251 ug/l

RT: 7.63 min Scan# 1062

Delta R.T. -0.03 min

Lab File: VX006076.D

Acq: 17 Nov 2018 18:38

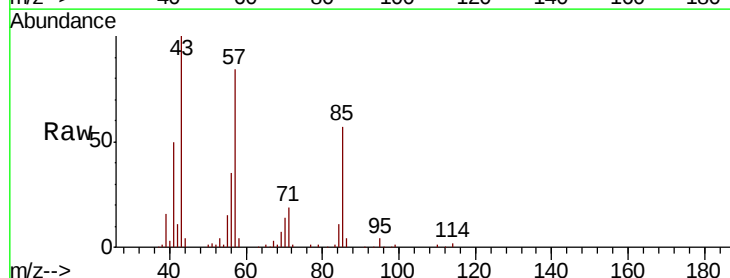
Tgt Ion: 93 Resp: 218

Ion Ratio Lower Upper

93 100

95 1192.2 67.4 101.0#

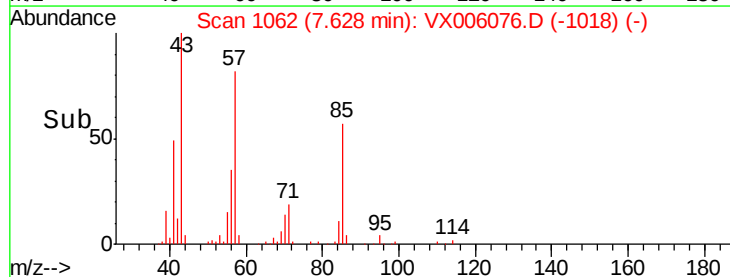
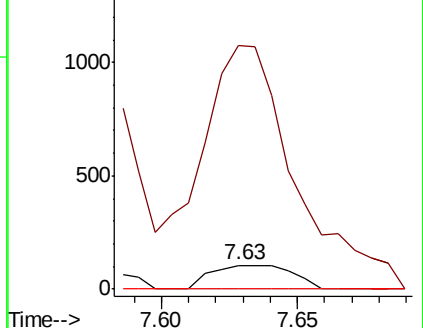
174 0.0 91.5 137.3#

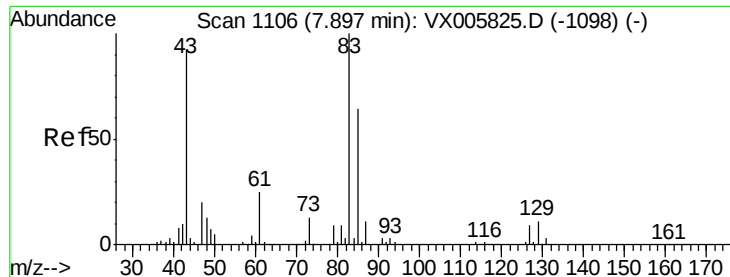


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 3.209 ug/l

RT: 7.84 min Scan# 1097

Delta R.T. -0.05 min

Lab File: VX006076.D

Acq: 17 Nov 2018 18:38

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

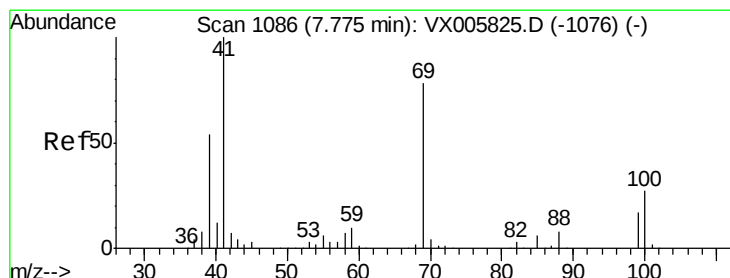
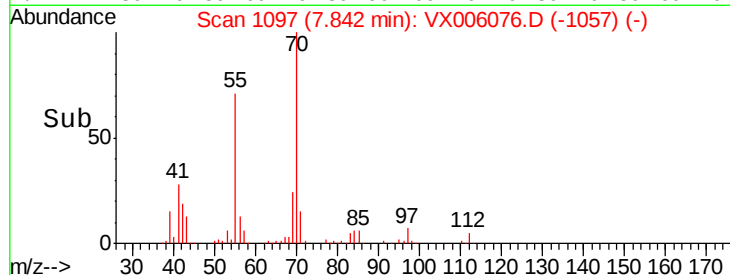
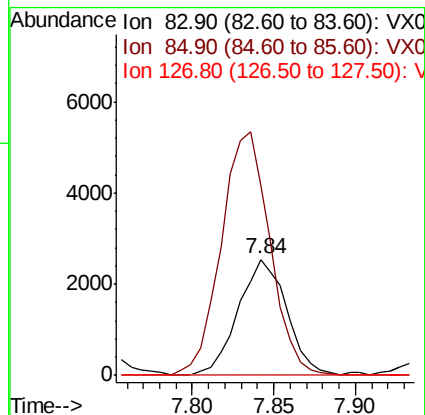
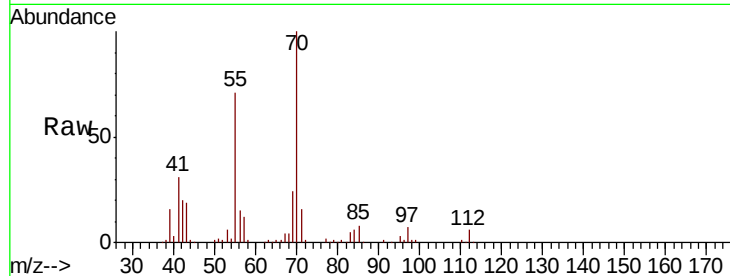
Tot Ion: 83 Resp: 5258

Ion Ratio Lower Upper

83 100

85 163.0 50.2 75.4#

127 0.0 6.9 10.3#



#48

Methyl methacrylate

Concen: 14.232 ug/l

RT: 7.73 min Scan# 1078

Delta R.T. -0.05 min

Lab File: VX006076.D

Acq: 17 Nov 2018 18:38

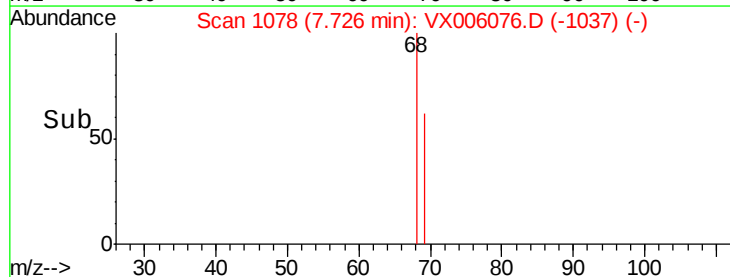
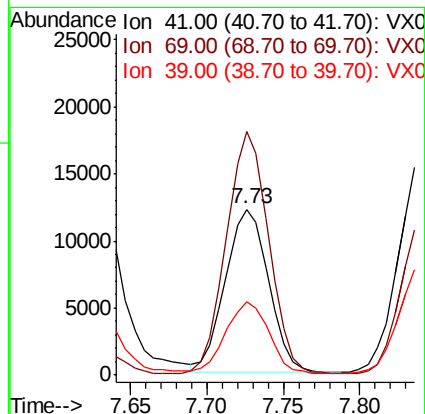
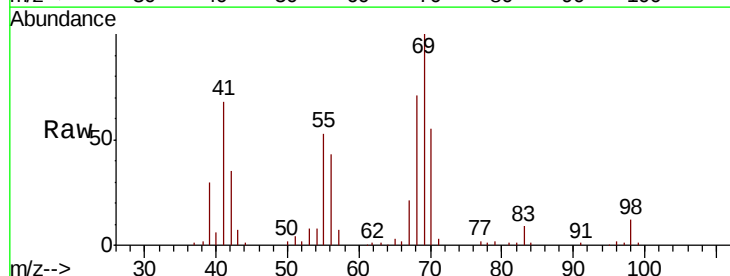
Tgt Ion: 41 Resp: 23777

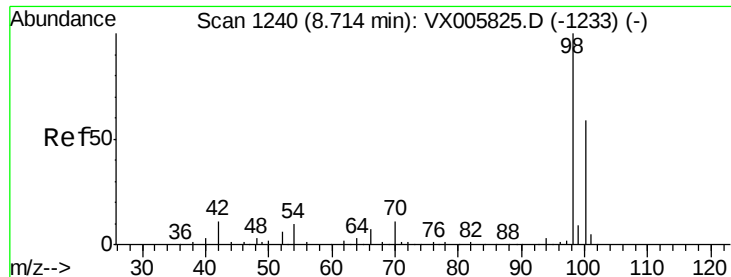
Ion Ratio Lower Upper

41 100

69 146.2 63.2 94.8#

39 44.9 42.2 63.2





#50

Toluene-d8

Concen: 47.475 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006076.D

Acq: 17 Nov 2018 18:38

Instrument :

MSVOA_X

ClientSampleId :

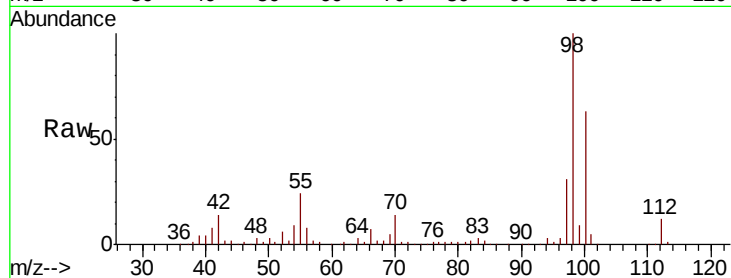
FDSB-05(25-27)ME

Tot Ion: 98 Resp: 217448

Ion Ratio Lower Upper

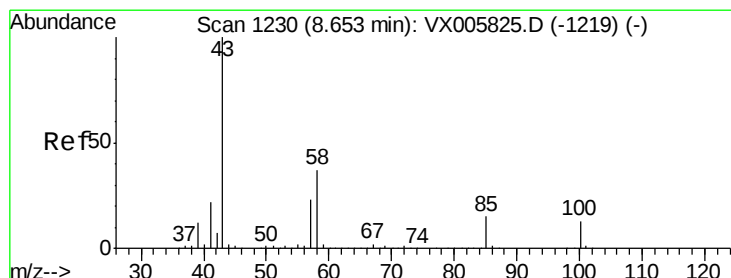
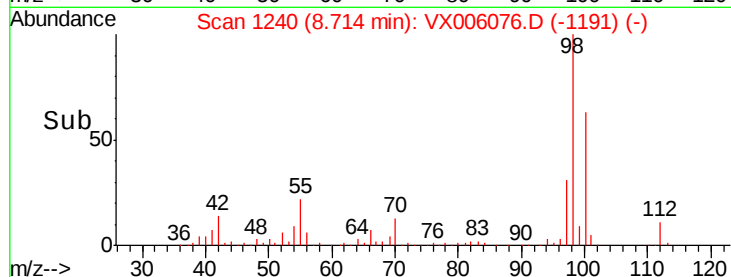
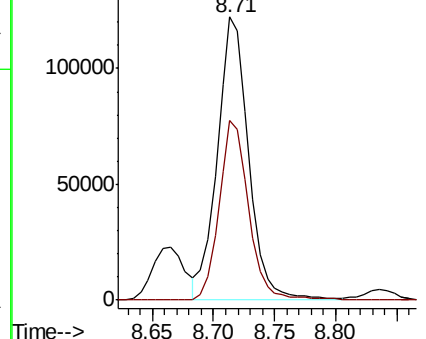
98 100

100 60.5 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#51

4-Methyl-2-Pentanone

Concen: 25.309 ug/l

RT: 8.66 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VX006076.D

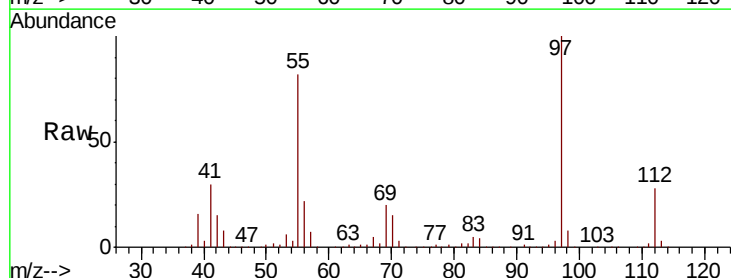
Acq: 17 Nov 2018 18:38

Tgt Ion: 43 Resp: 59349

Ion Ratio Lower Upper

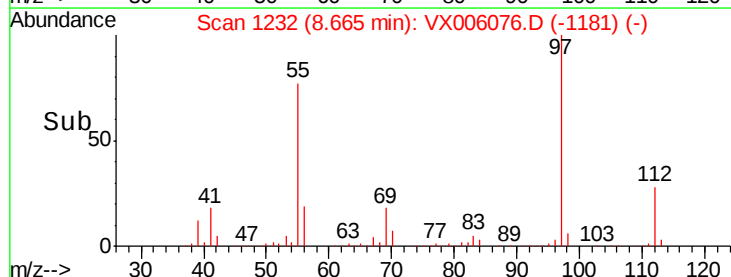
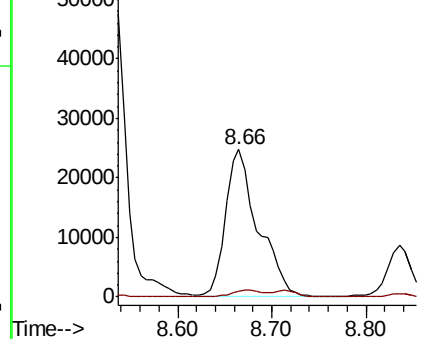
43 100

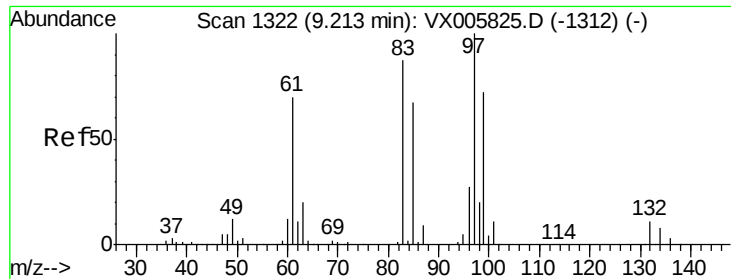
58 4.4 29.7 44.5#



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: 121.693 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX006076.D

Acq: 17 Nov 2018 18:38

Instrument :

MSVOA_X

ClientSampleId :

FDSB-05(25-27)ME

Tot Ion: 97 Resp: 172551

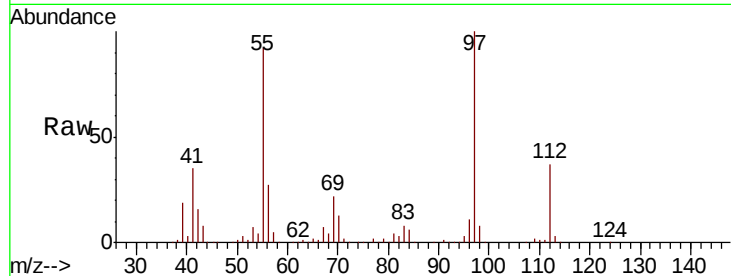
Ion Ratio Lower Upper

97 100

83 8.2 70.7 106.1#

85 0.4 45.8 68.6#

99 0.3 51.8 77.8#

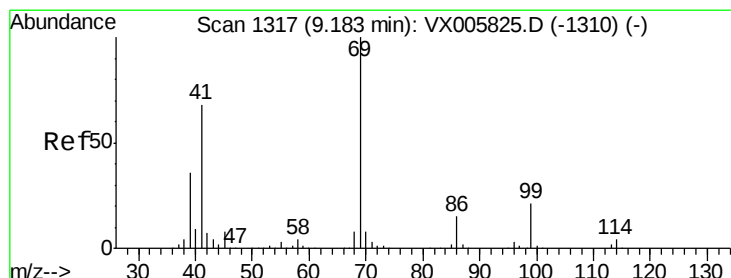
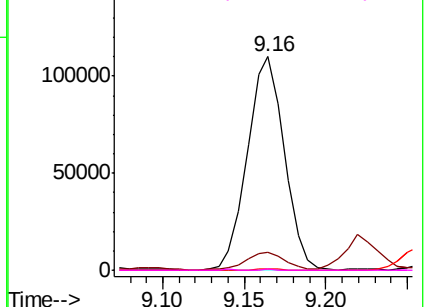
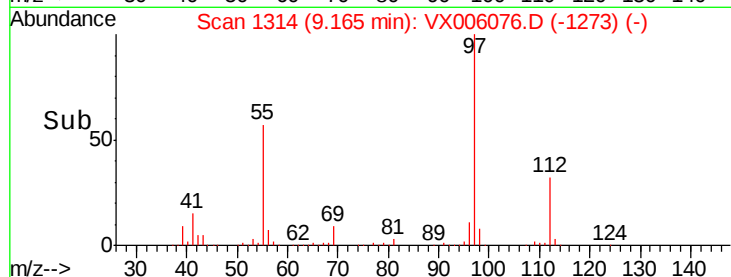


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.364 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.02 min

Lab File: VX006076.D

Acq: 17 Nov 2018 18:38

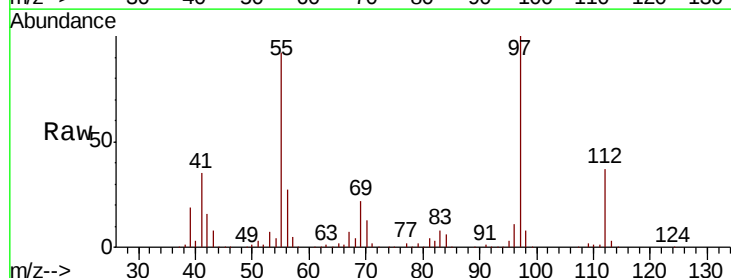
Tgt Ion: 69 Resp: 41081

Ion Ratio Lower Upper

69 100

41 162.1 57.0 85.6#

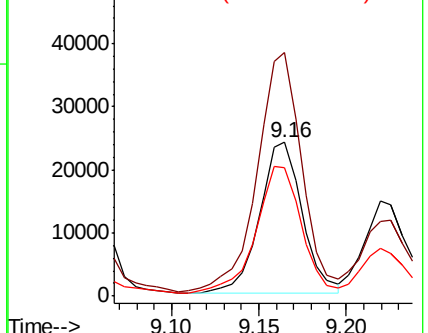
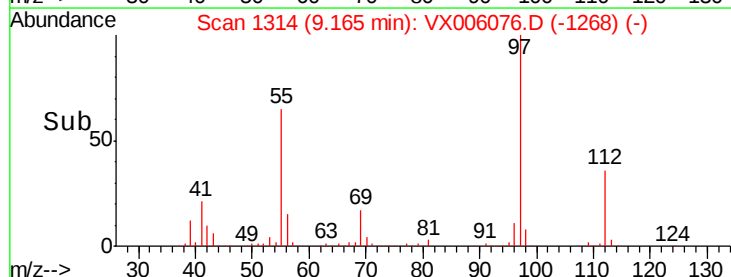
39 88.5 28.3 42.5#

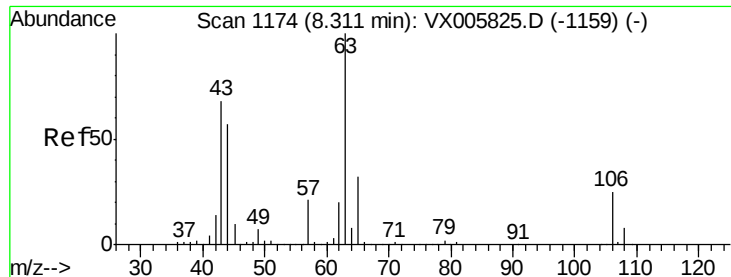


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

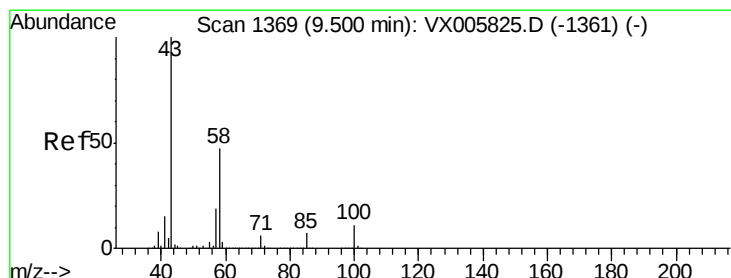
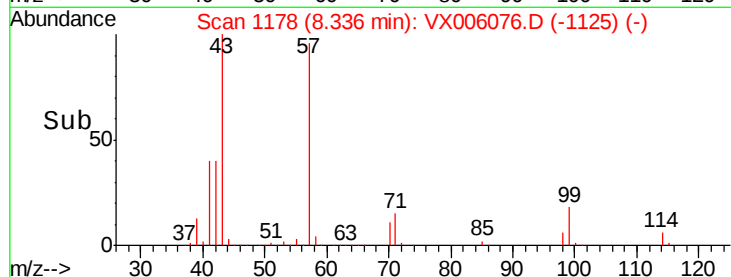
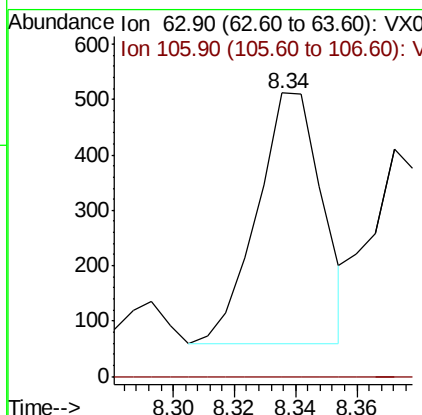
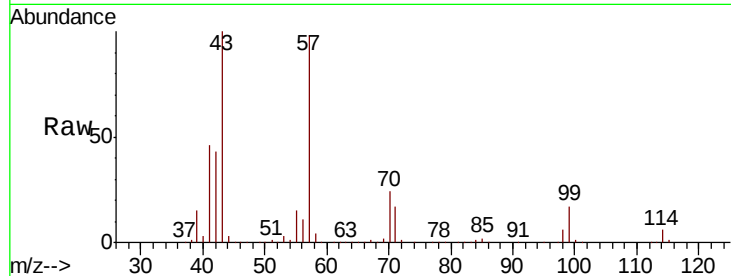




#58
2-Chloroethyl Vinyl ether
Concen: 8.840 ug/l
RT: 8.34 min Scan# 1178
Delta R.T. 0.02 min
Lab File: VX006076.D
Acq: 17 Nov 2018 18:38

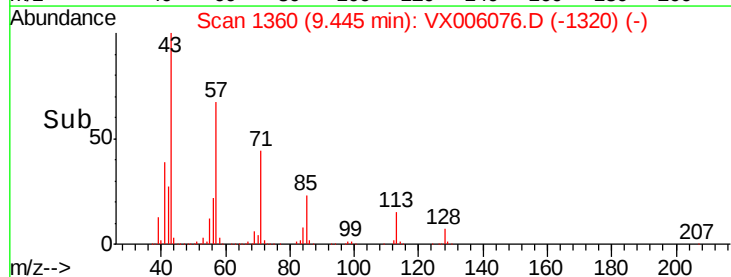
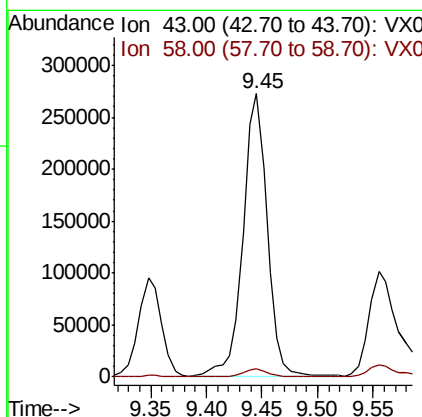
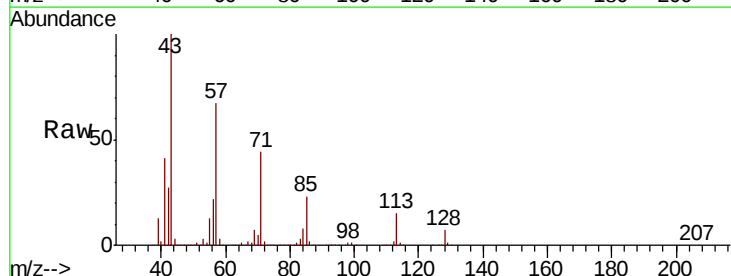
Instrument :
MSVOA_X
ClientSampleId :
FDSB-05(25-27)ME

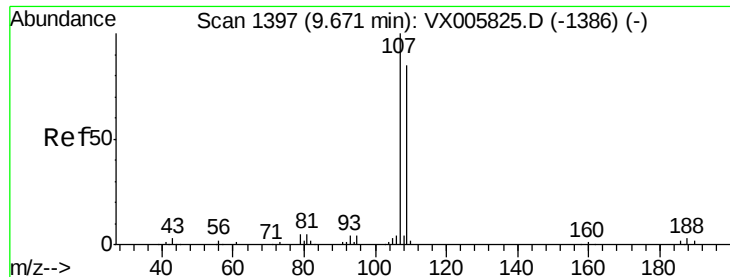
Tot Ion: 63 Resp: 671
Ion Ratio Lower Upper
63 100
106 0.0 21.3 31.9#



#59
2-Hexanone
Concen: 197.288 ug/l
RT: 9.45 min Scan# 1360
Delta R.T. -0.05 min
Lab File: VX006076.D
Acq: 17 Nov 2018 18:38

Tgt Ion: 43 Resp: 407799
Ion Ratio Lower Upper
43 100
58 3.2 25.9 77.8#





#61

1,2-Dibromoethane

Concen: 0.363 ug/l

RT: 9.68 min Scan# 1399

Delta R.T. 0.01 min

Lab File: VX006076.D

Acq: 17 Nov 2018 18:38

Instrument :

MSVOA_X

ClientSampleId :

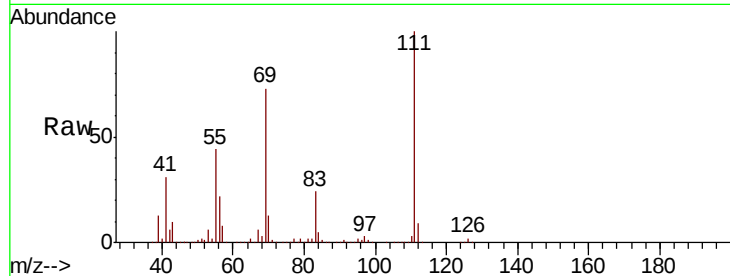
FDSB-05(25-27)ME

Tot Ion:107 Resp: 569

Ion Ratio Lower Upper

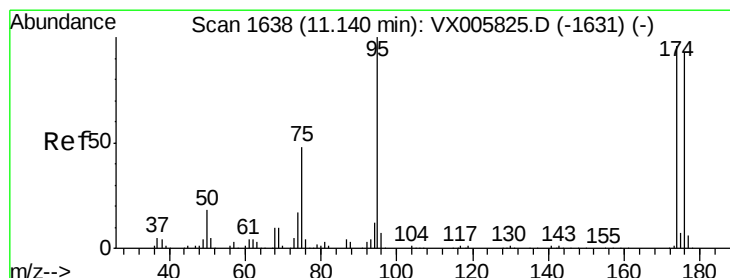
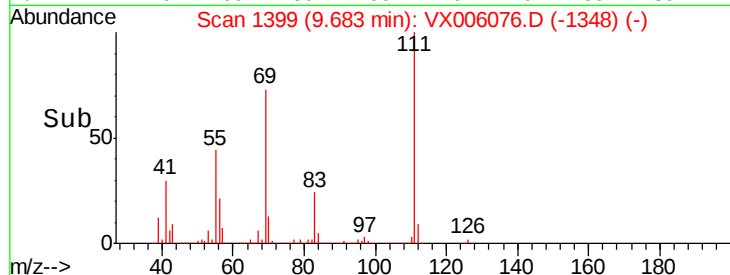
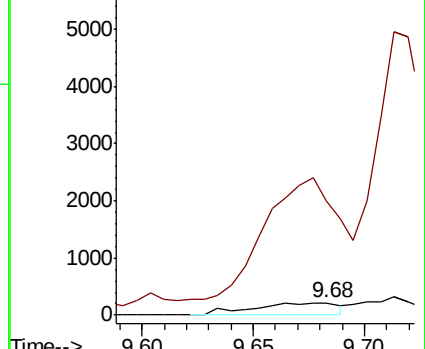
107 100

109 881.2 75.7 113.5#



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 35.903 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006076.D

Acq: 17 Nov 2018 18:38

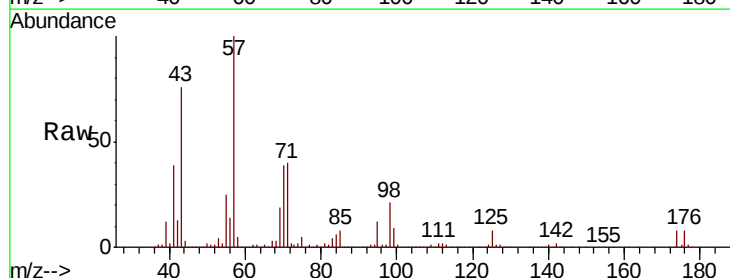
Tgt Ion: 95 Resp: 59124

Ion Ratio Lower Upper

95 100

174 114.5 0.0 184.4

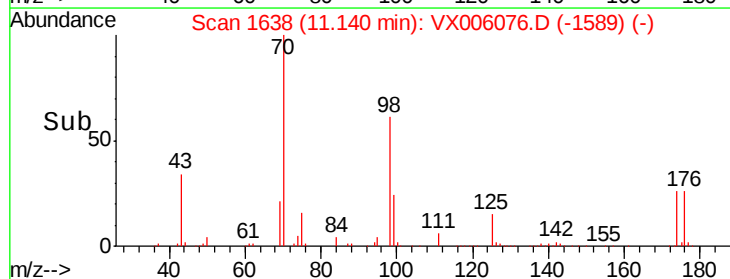
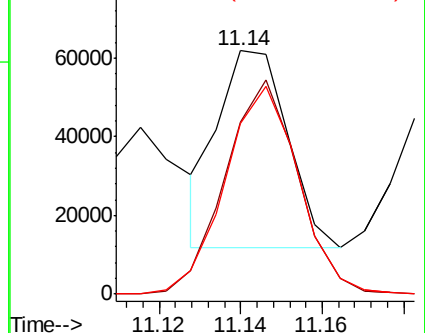
176 112.9 0.0 177.4

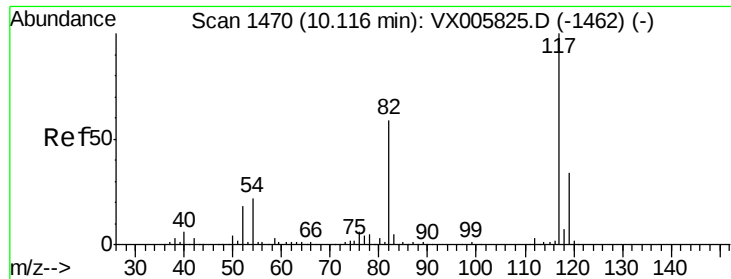


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

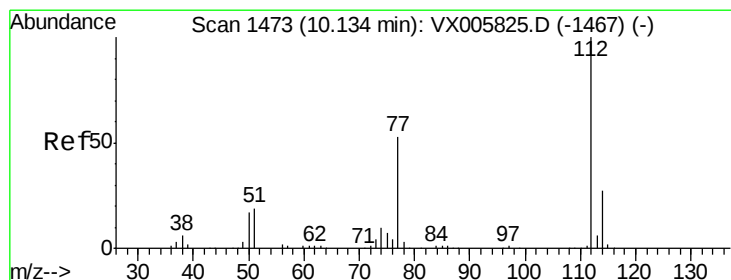
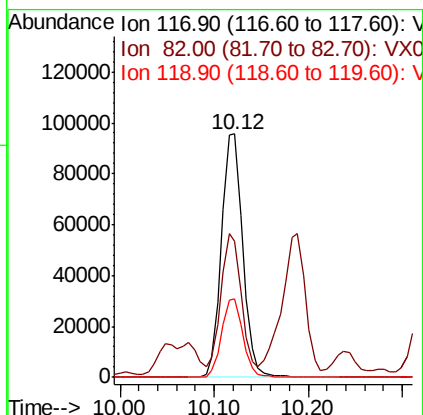
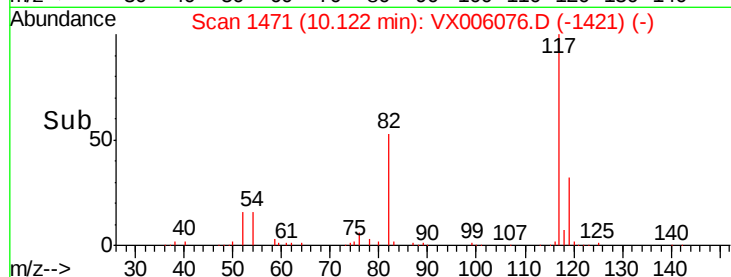
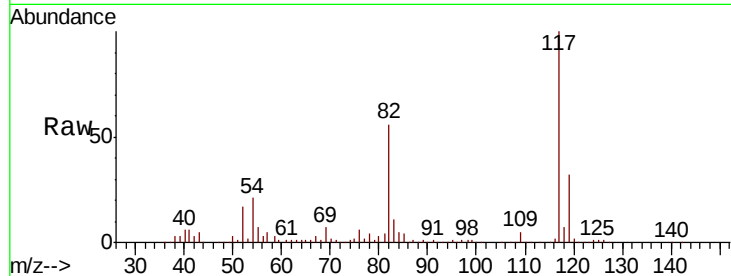




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1471
Delta R.T. 0.01 min
Lab File: VX006076.D
Acq: 17 Nov 2018 18:38

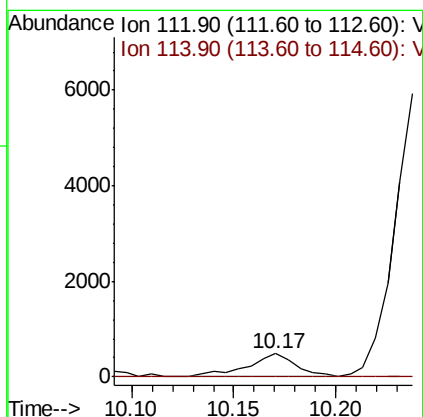
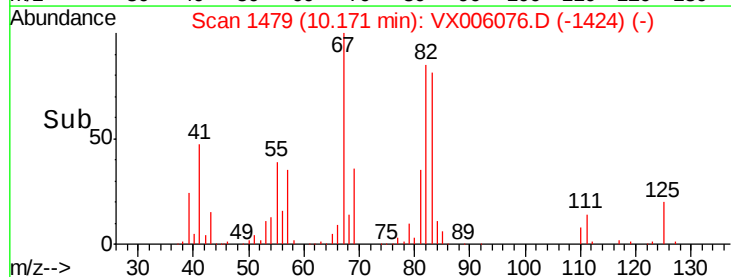
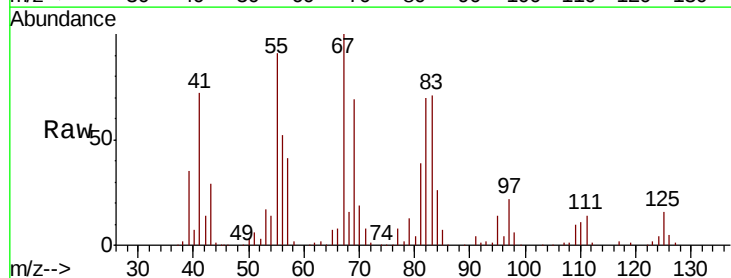
Instrument :
MSVOA_X
ClientSampleId :
FDSB-05(25-27)ME

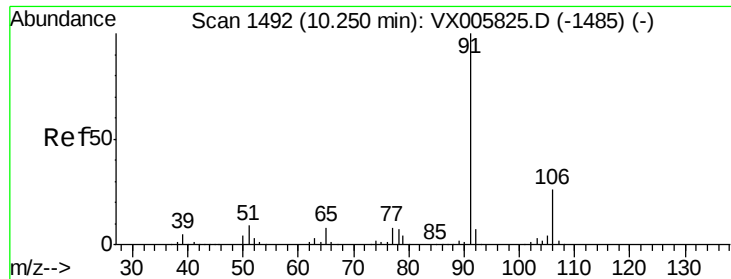
Tot Ion:117 Resp: 150532
Ion Ratio Lower Upper
117 100
82 46.3 44.1 66.1
119 32.3 26.2 39.2



#65
Chlorobenzene
Concen: 0.272 ug/l
RT: 10.17 min Scan# 1479
Delta R.T. 0.04 min
Lab File: VX006076.D
Acq: 17 Nov 2018 18:38

Tgt Ion:112 Resp: 819
Ion Ratio Lower Upper
112 100
114 0.0 25.8 38.6#

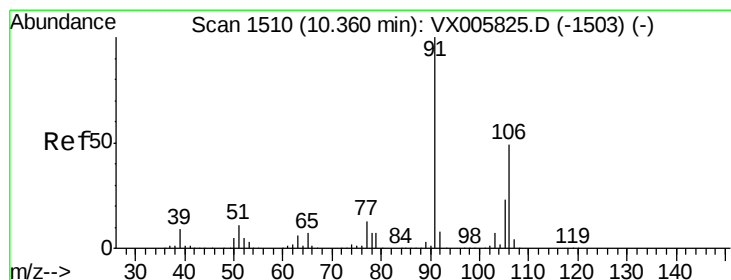
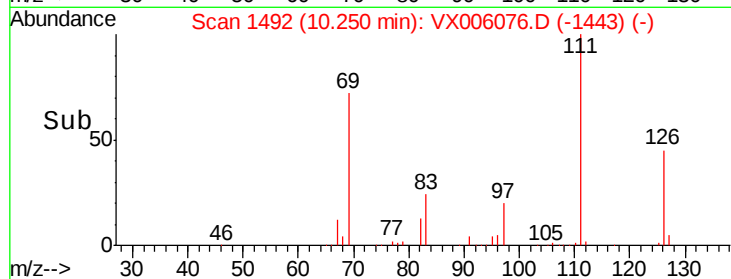
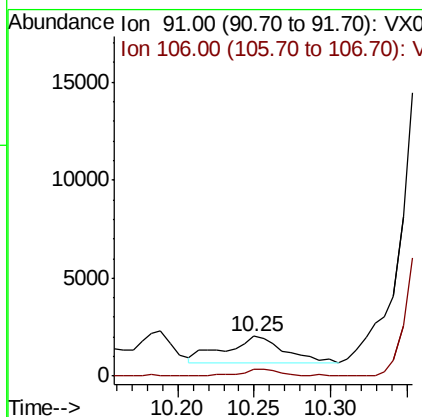
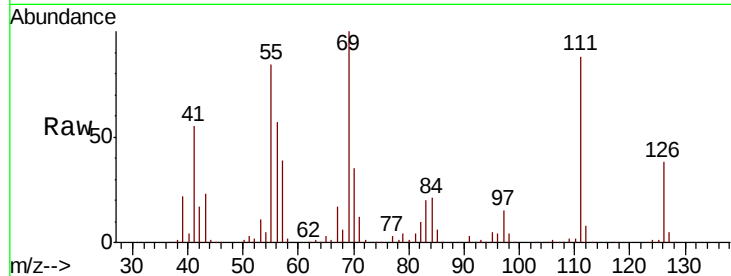




#67
Ethyl Benzene
Concen: 0.742 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX006076.D
Acq: 17 Nov 2018 18:38

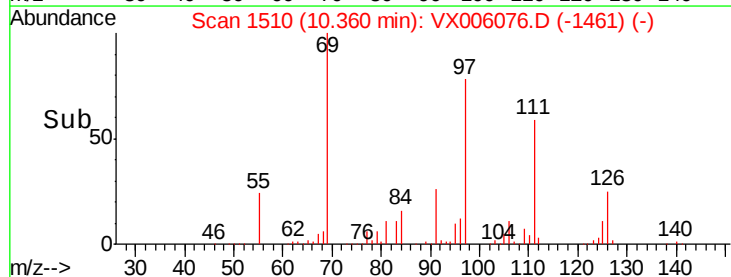
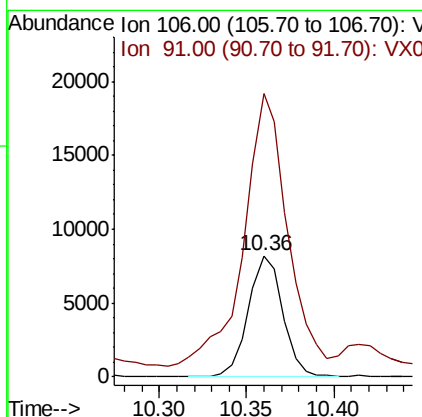
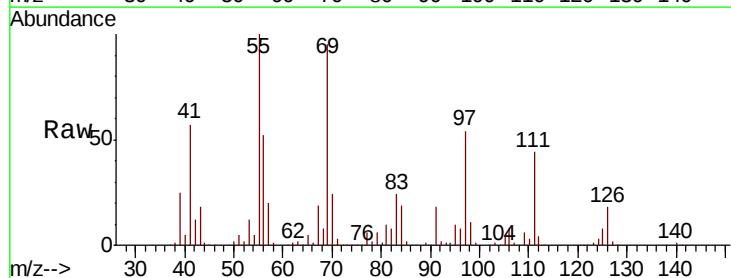
Instrument :
MSVOA_X
ClientSampleId :
FDSB-05(25-27)ME

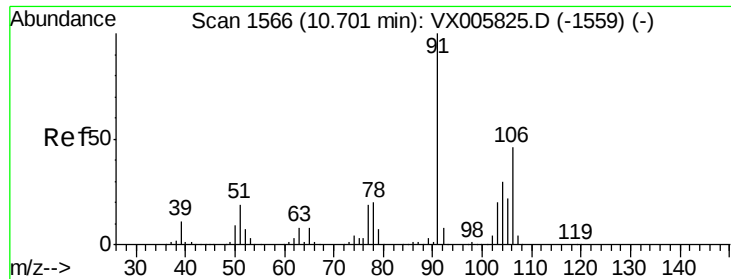
Tot Ion: 91 Resp: 3587
Ion Ratio Lower Upper
91 100
106 25.8 24.4 36.6



#68
m/p-Xylenes
Concen: 6.110 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006076.D
Acq: 17 Nov 2018 18:38

Tgt Ion: 106 Resp: 11270
Ion Ratio Lower Upper
106 100
91 290.8 164.2 246.4#

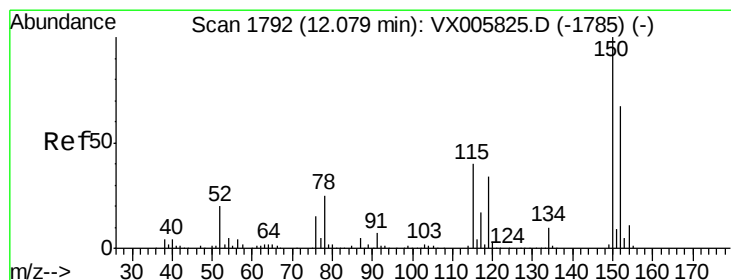
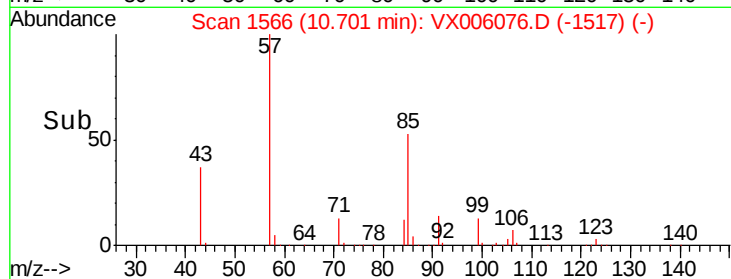
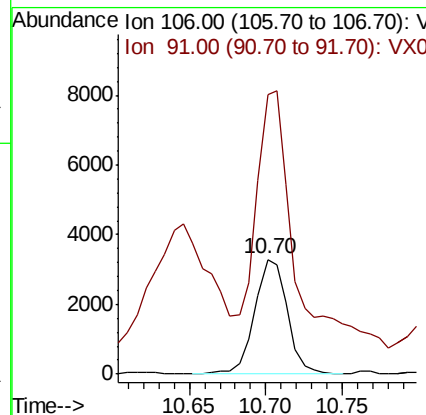
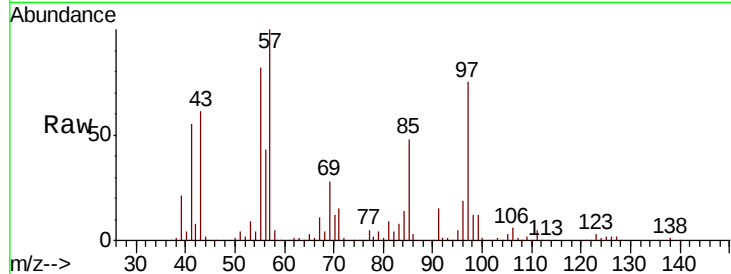




#69
o-Xylene
Concen: 2.960 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006076.D
Acq: 17 Nov 2018 18:38

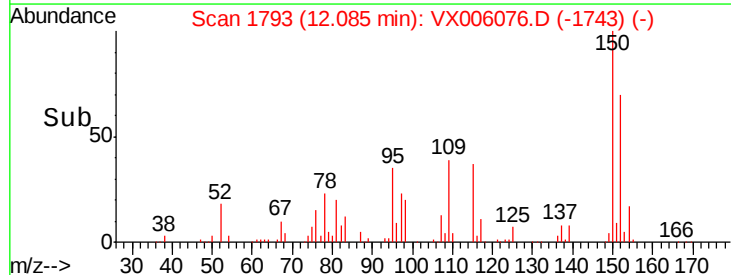
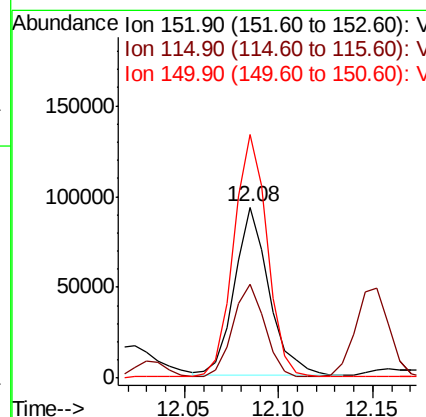
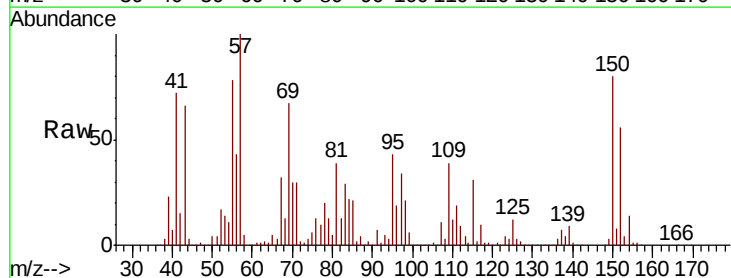
Instrument :
MSVOA_X
ClientSampleId :
FDSB-05(25-27)ME

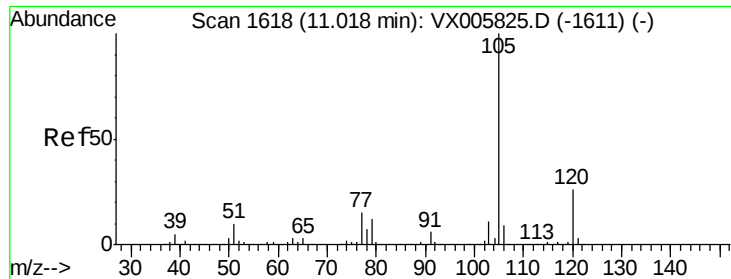
Tot Ion:106 Resp: 4895
Ion Ratio Lower Upper
106 100
91 263.8 108.5 325.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1793
Delta R.T. 0.01 min
Lab File: VX006076.D
Acq: 17 Nov 2018 18:38

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





#73

Isopropylbenzene

Concen: 43.267 ug/l

RT: 11.02 min Scan# 1619

Delta R.T. 0.01 min

Lab File: VX006076.D

Acq: 17 Nov 2018 18:38

Instrument :

MSVOA_X

ClientSampleId :

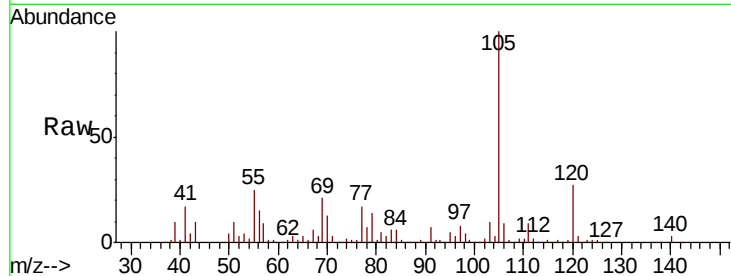
FDSB-05(25-27)ME

Tot Ion:105 Resp: 295725

Ion Ratio Lower Upper

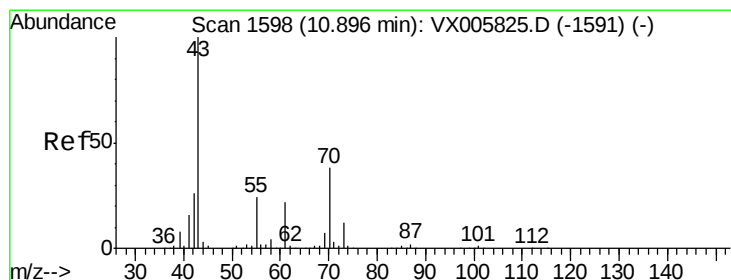
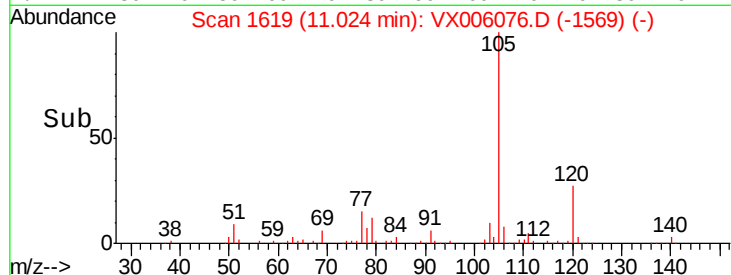
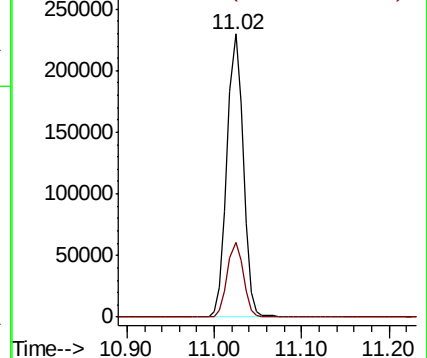
105 100

120 26.6 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 84.809 ug/l

RT: 10.91 min Scan# 1601

Delta R.T. 0.02 min

Lab File: VX006076.D

Acq: 17 Nov 2018 18:38

Tgt Ion: 43 Resp: 328669

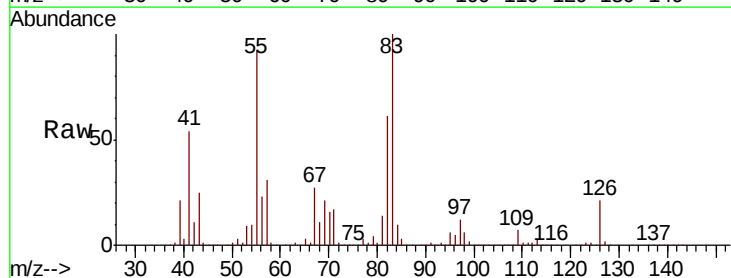
Ion Ratio Lower Upper

43 100

70 82.0 31.6 47.4#

55 359.6 19.7 29.5#

61 0.2 18.3 27.5#

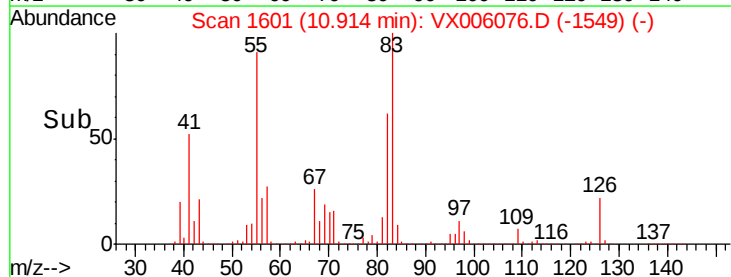
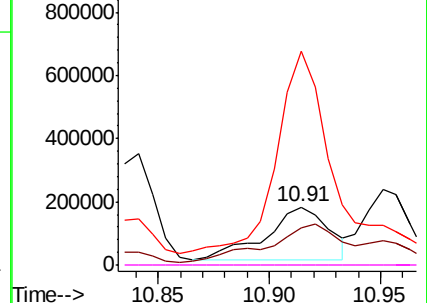


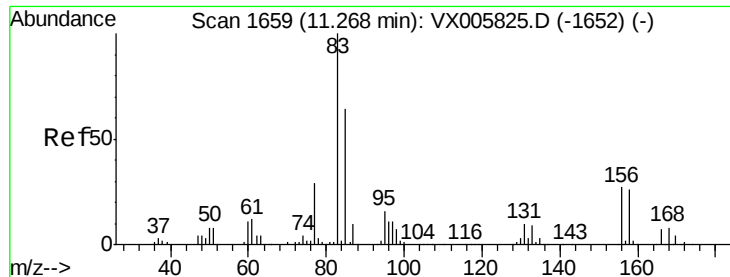
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 80.065 ug/l

RT: 11.28 min Scan# 1661

Delta R.T. 0.01 min

Lab File: VX006076.D

Acq: 17 Nov 2018 18:38

Instrument :

MSVOA_X

ClientSampleId :

FDSB-05(25-27)ME

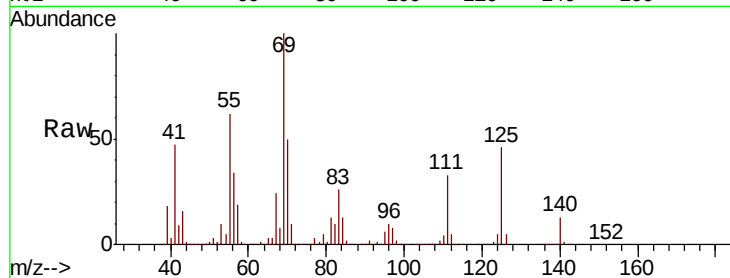
Tot Ion: 83 Resp: 200861

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

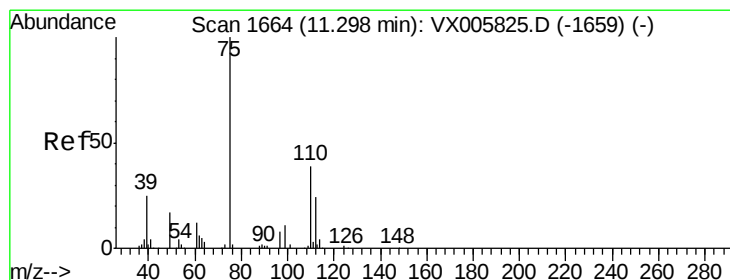
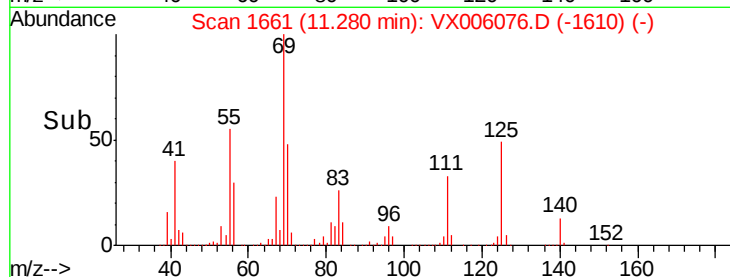
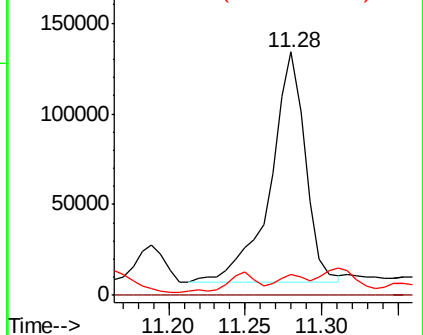
85 4.2 32.0 96.2#



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: 2.066 ug/l

RT: 11.37 min Scan# 1675

Delta R.T. 0.07 min

Lab File: VX006076.D

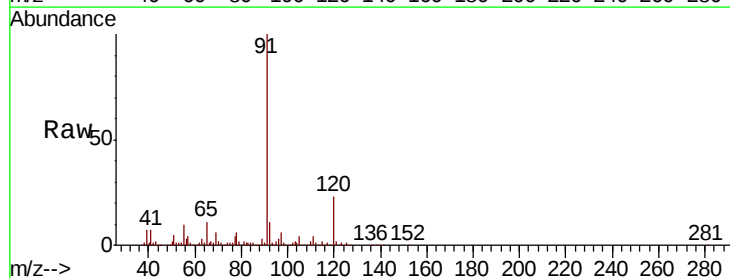
Acq: 17 Nov 2018 18:38

Tgt Ion: 75 Resp: 4971

Ion Ratio Lower Upper

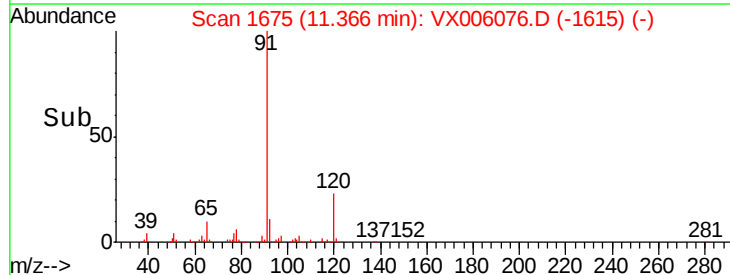
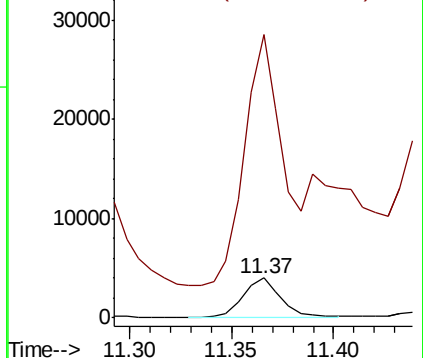
75 100

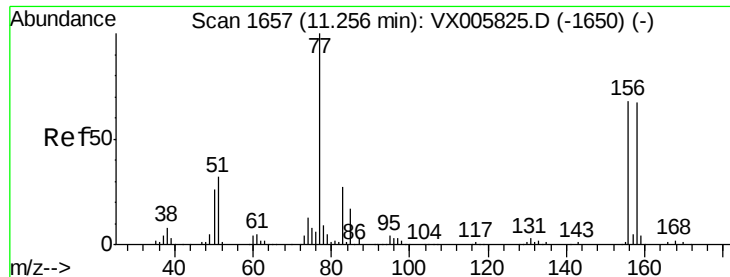
77 671.4 20.5 61.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 0.221 ug/l

RT: 11.30 min Scan# 1665

Delta R.T. 0.05 min

Lab File: VX006076.D

Acq: 17 Nov 2018 18:38

Instrument :

MSVOA_X

ClientSampleId :

FDSB-05(25-27)ME

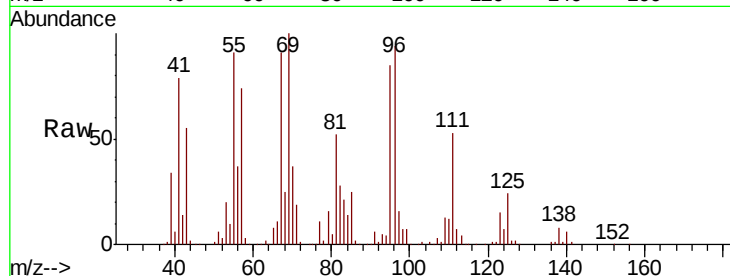
Tot Ion:156 Resp: 426

Ion Ratio Lower Upper

156 100

77 0.0 74.8 224.4#

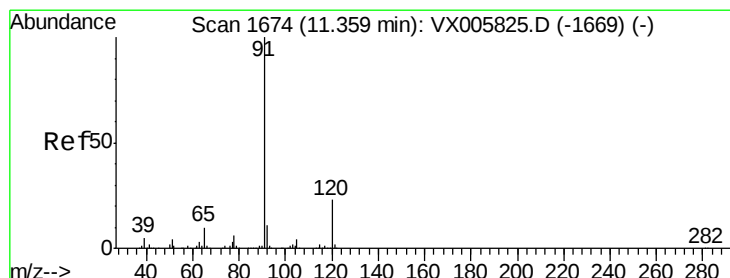
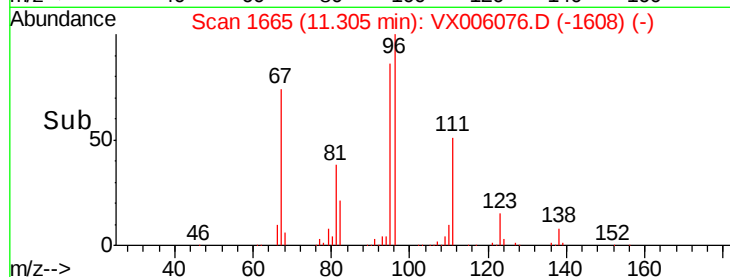
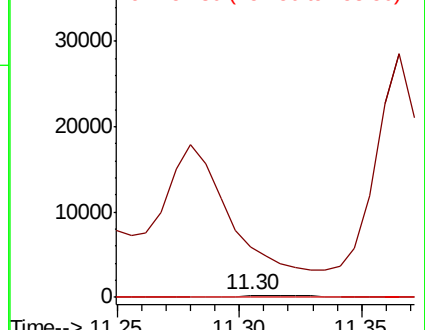
158 0.0 49.1 147.3#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 99.197 ug/l

RT: 11.37 min Scan# 1675

Delta R.T. 0.01 min

Lab File: VX006076.D

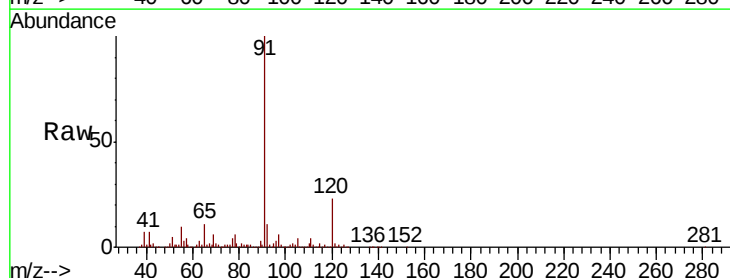
Acq: 17 Nov 2018 18:38

Tgt Ion: 91 Resp: 799049

Ion Ratio Lower Upper

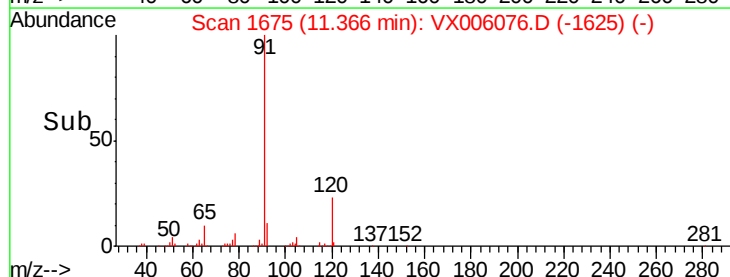
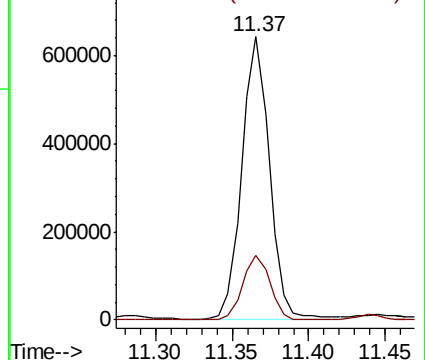
91 100

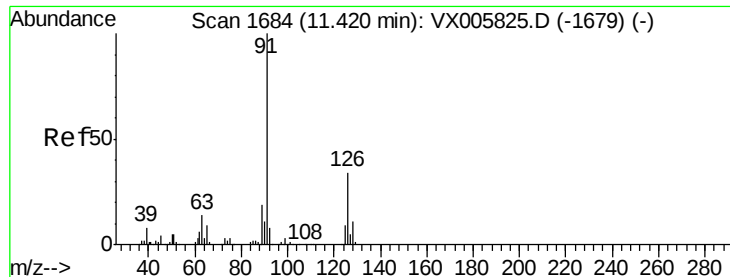
120 22.9 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 164.115 ug/l

RT: 11.37 min Scan# 1675

Delta R.T. -0.05 min

Lab File: VX006076.D

Acq: 17 Nov 2018 18:38

Instrument :

MSVOA_X

ClientSampleId :

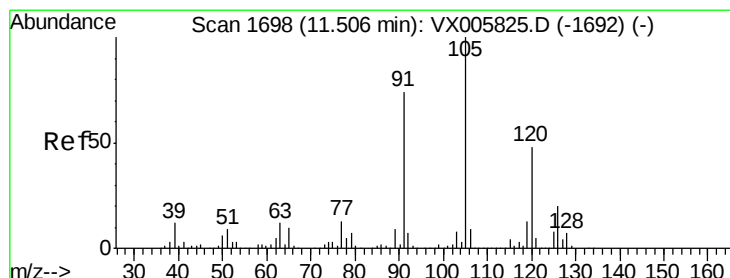
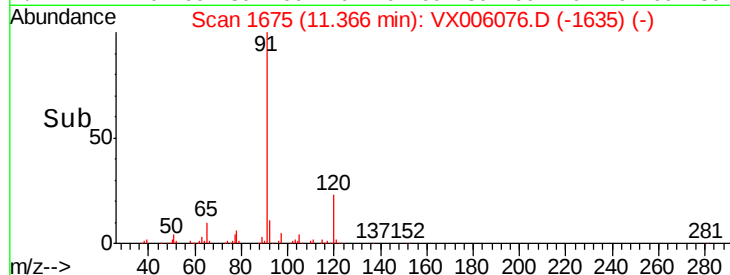
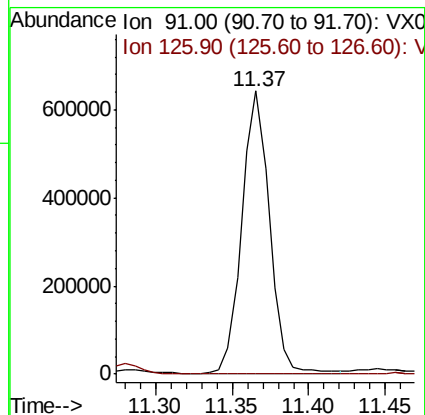
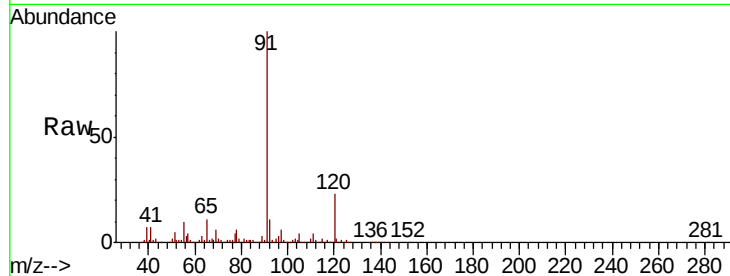
FDSB-05(25-27)ME

Tot Ion: 91 Resp: 799049

Ion Ratio Lower Upper

91 100

126 0.2 17.3 52.0#



#80

1,3,5-Trimethylbenzene

Concen: 51.523 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX006076.D

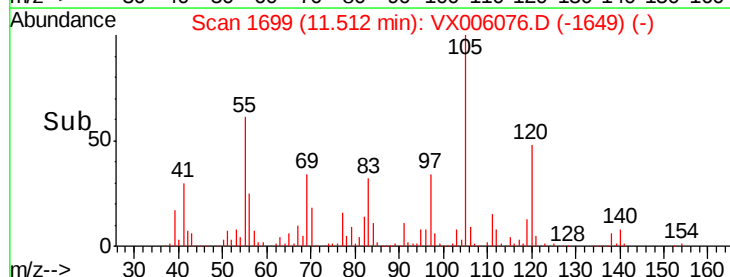
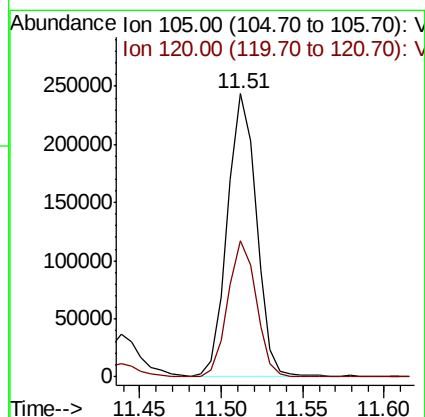
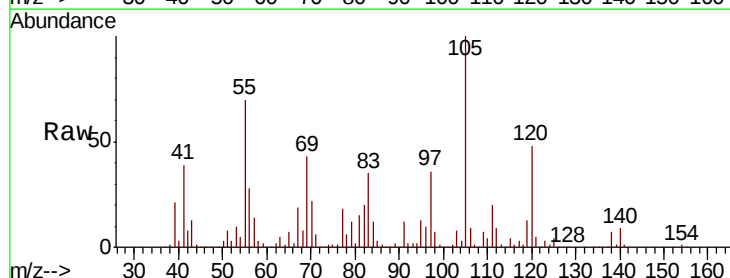
Acq: 17 Nov 2018 18:38

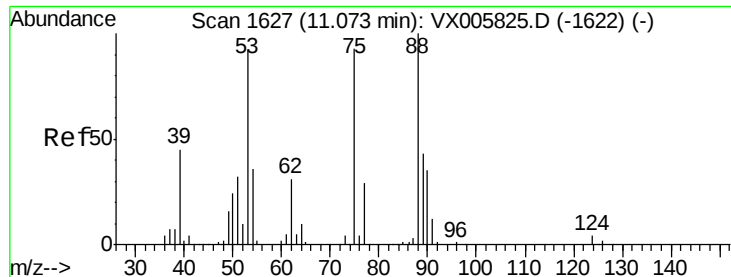
Tgt Ion:105 Resp: 299260

Ion Ratio Lower Upper

105 100

120 47.9 24.1 72.2

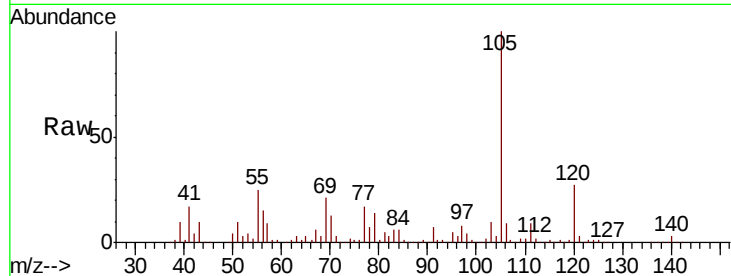




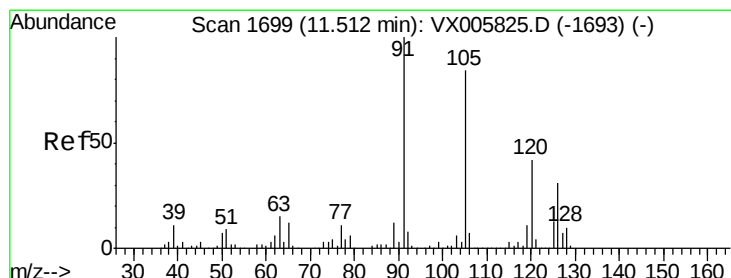
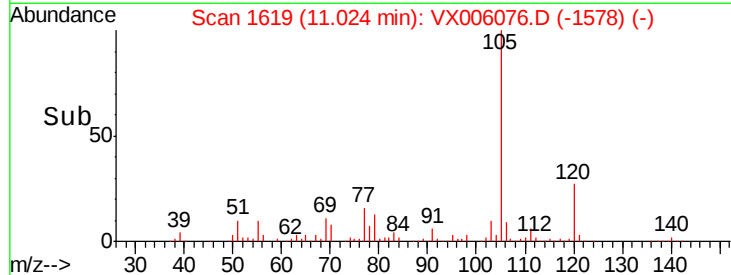
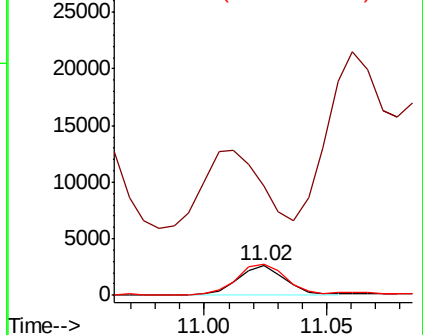
#81
trans-1,4-Dichloro-2-butene
Concen: 4.799 ug/l
RT: 11.02 min Scan# 1619
Delta R.T. -0.05 min
Lab File: VX006076.D
Acq: 17 Nov 2018 18:38

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

Tot Ion: 75 Resp: 3624
Ion Ratio Lower Upper
75 100
53 314.0 80.2 120.2#
89 110.4 39.8 59.8#

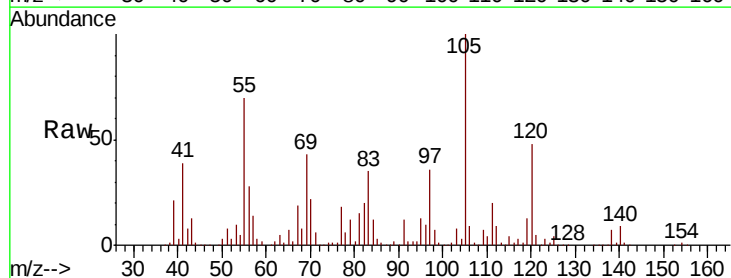


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

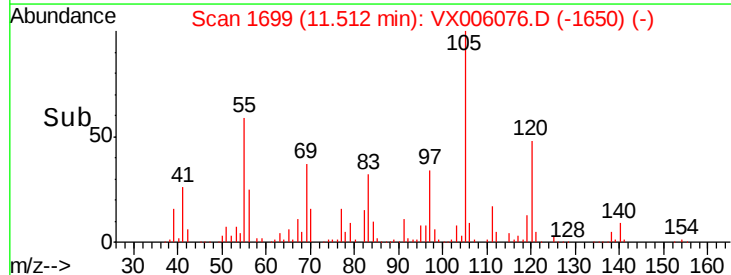
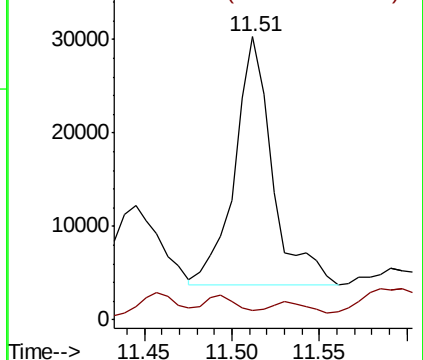


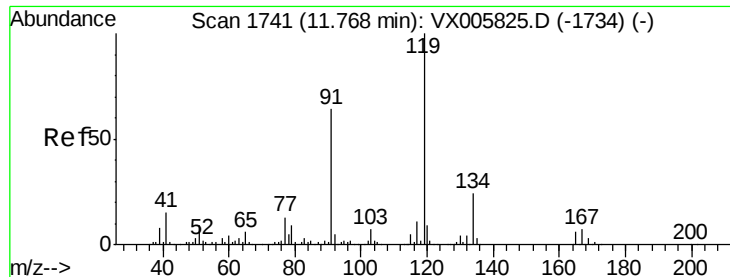
#82
4-Chlorotoluene
Concen: 6.980 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX006076.D
Acq: 17 Nov 2018 18:38

Tgt Ion: 91 Resp: 40053
Ion Ratio Lower Upper
91 100
126 4.3 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: 10.015 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. 0.01 min

Lab File: VX006076.D

Acq: 17 Nov 2018 18:38

Instrument :

MSVOA_X

ClientSampleId :

FDSB-05(25-27)ME

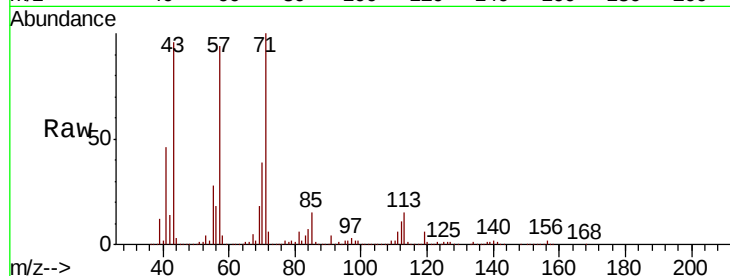
Tot Ion:119 Resp: 58850

Ion Ratio Lower Upper

119 100

91 64.9 28.5 85.5

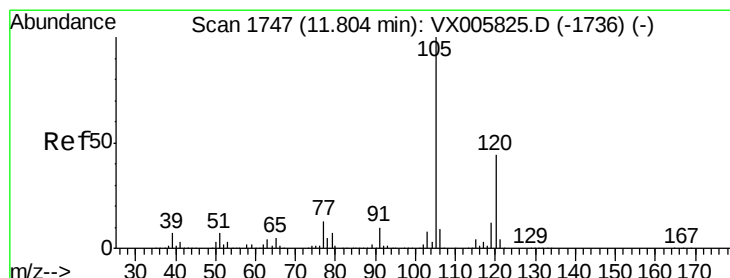
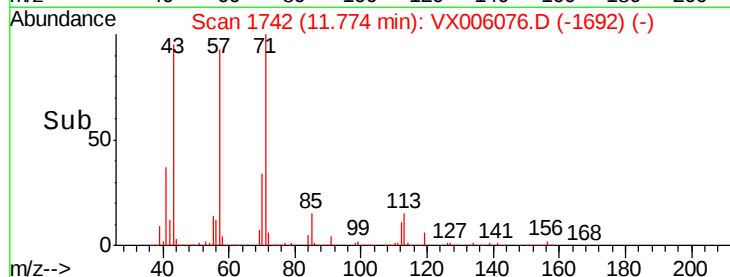
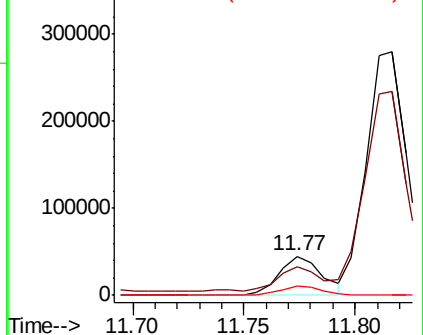
134 23.8 11.3 33.8



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: 433.991 ug/l

RT: 11.82 min Scan# 1749

Delta R.T. 0.01 min

Lab File: VX006076.D

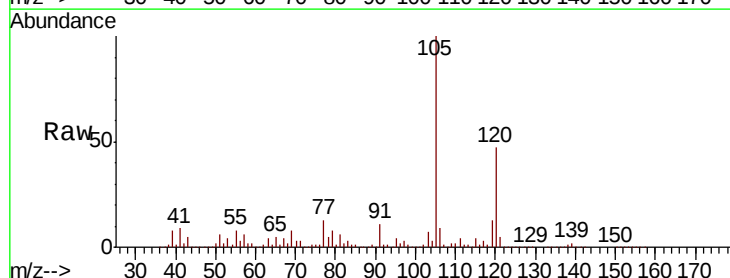
Acq: 17 Nov 2018 18:38

Tgt Ion:105 Resp: 2775940

Ion Ratio Lower Upper

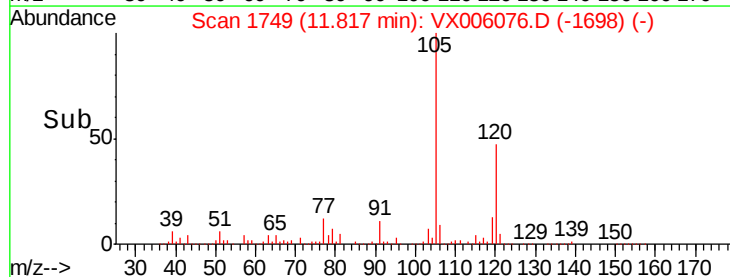
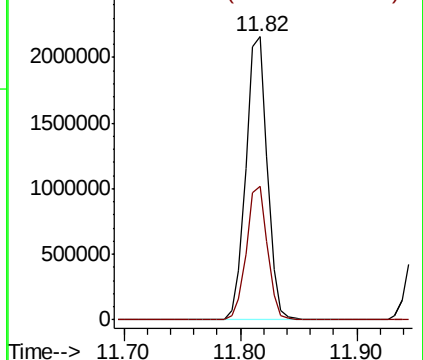
105 100

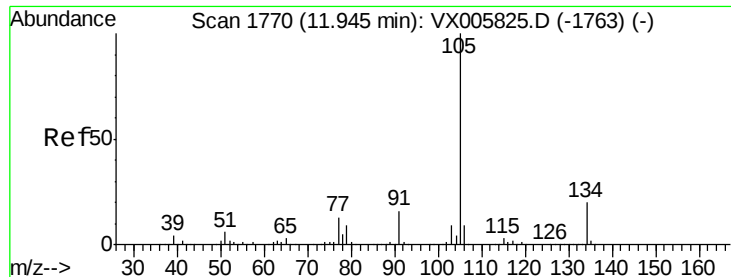
120 46.6 22.4 67.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

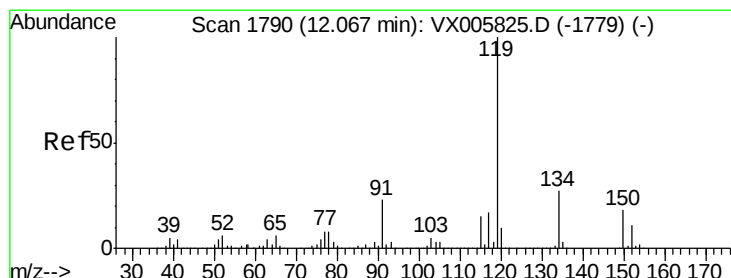
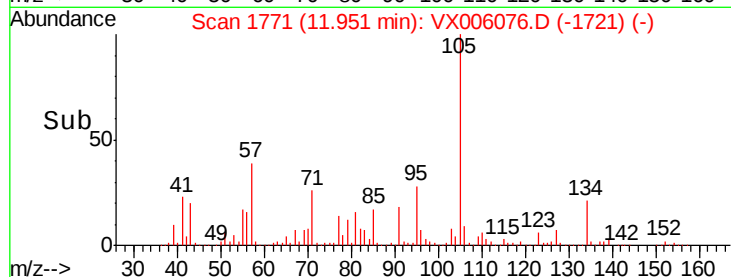
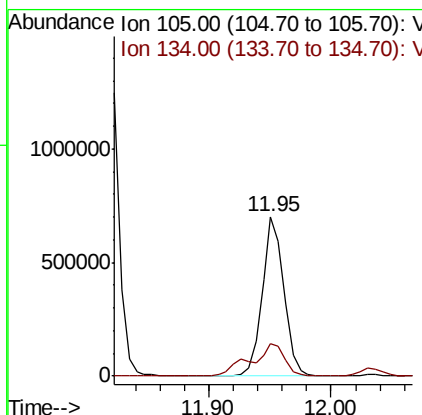
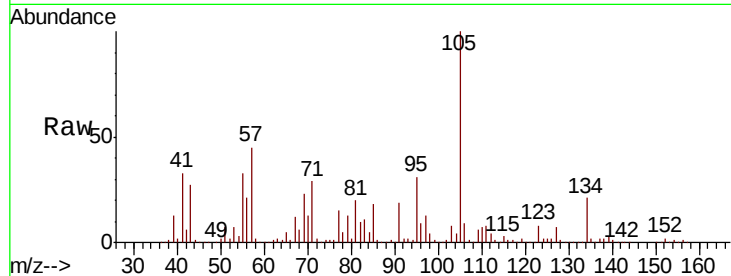




#85
 sec-Butylbenzene
 Concen: 120.261 ug/l
 RT: 11.95 min Scan# 1771
 Delta R.T. 0.01 min
 Lab File: VX006076.D
 Acq: 17 Nov 2018 18:38

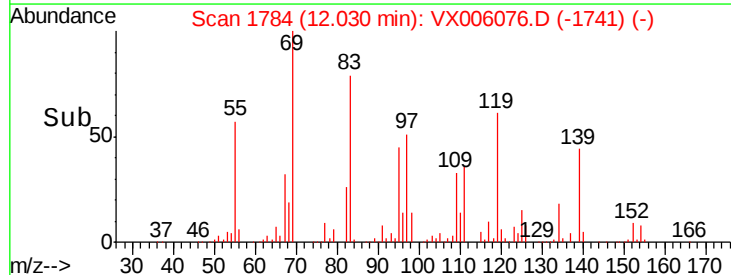
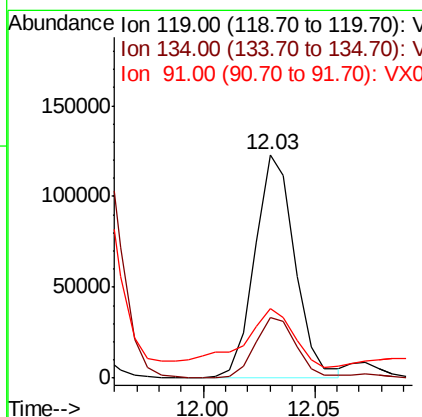
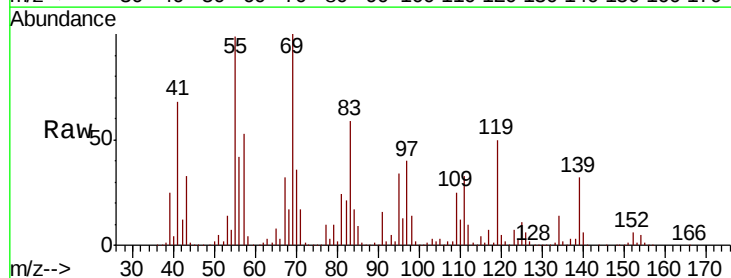
Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-05(25-27)ME

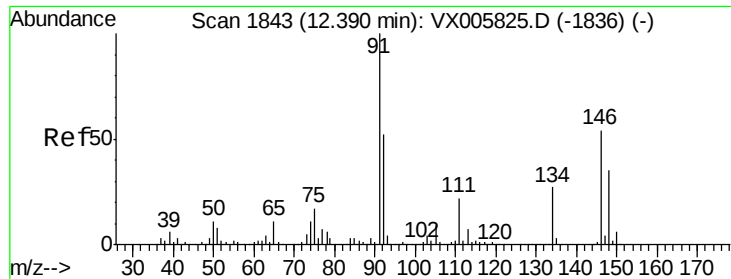
Tot Ion:105 Resp: 864140
 Ion Ratio Lower Upper
 105 100
 134 32.2 10.2 30.4#



#86
 p-Isopropyltoluene
 Concen: 24.079 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. -0.04 min
 Lab File: VX006076.D
 Acq: 17 Nov 2018 18:38

Tgt Ion:119 Resp: 153257
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.0 39.0
 91 32.5 11.4 34.2

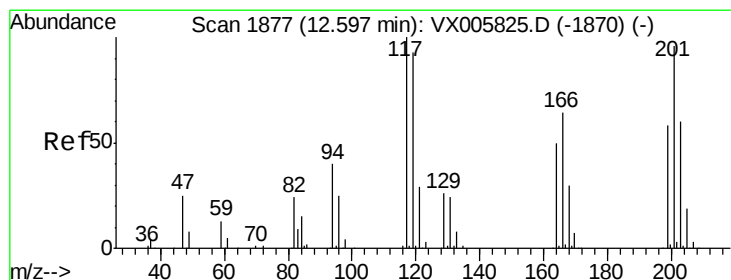
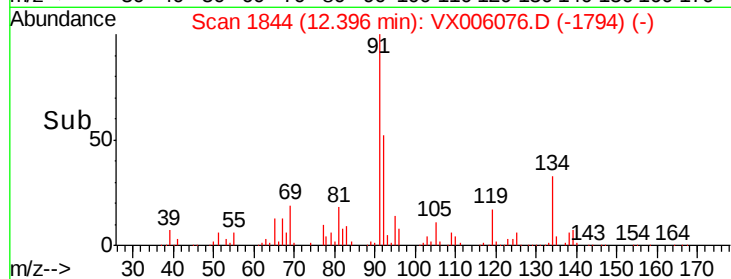
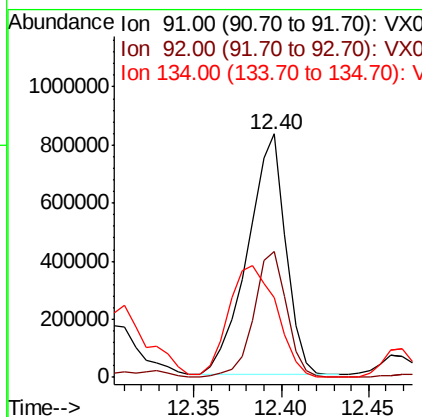
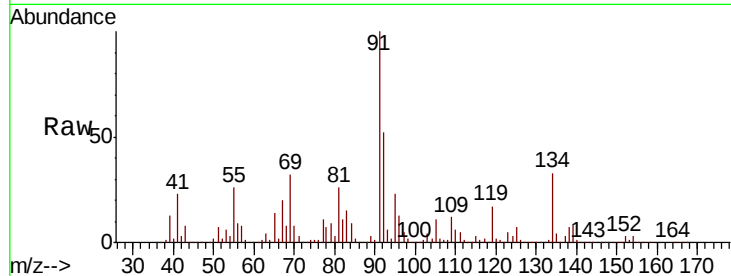




#89
n-Butylbenzene
Concen: 213.183 ug/l
RT: 12.40 min Scan# 1844
Delta R.T. 0.01 min
Lab File: VX006076.D
Acq: 17 Nov 2018 18:38

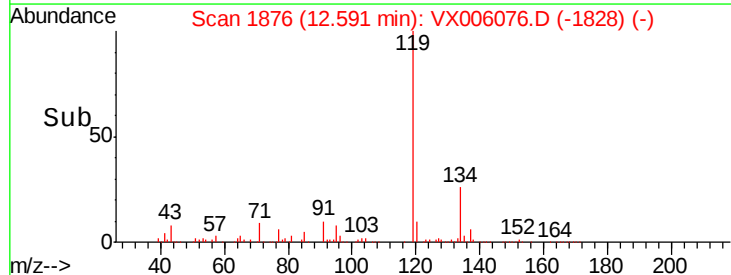
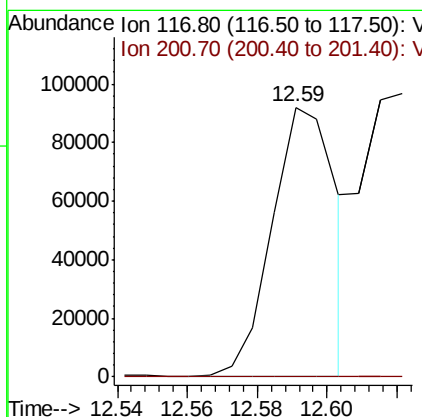
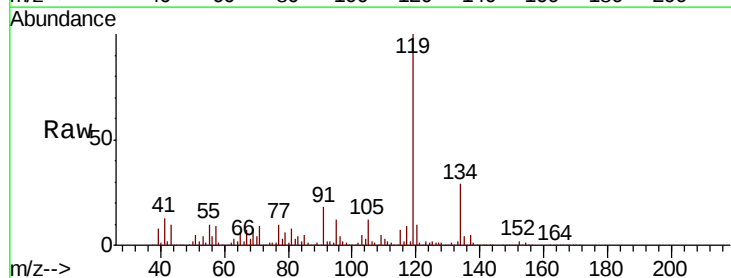
Instrument :
MSVOA_X
ClientSampleId :
FDSB-05(25-27)ME

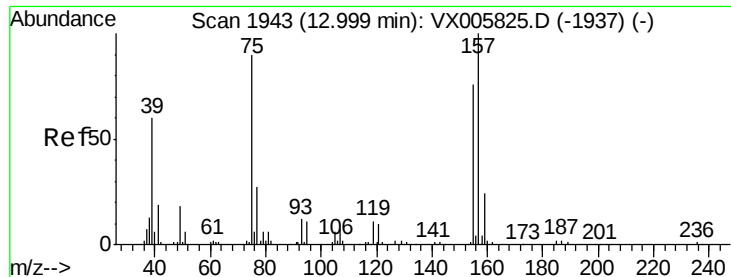
Tot Ion: 91 Resp: 1257556
Ion Ratio Lower Upper
91 100
92 44.6 26.1 78.2
134 58.4 13.1 39.3#



#90
Hexachloroethane
Concen: 109.296 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX006076.D
Acq: 17 Nov 2018 18:38

Tgt Ion: 117 Resp: 116143
Ion Ratio Lower Upper
117 100
201 0.0 47.9 143.6#





#92

1,2-Dibromo-3-Chloropropane

Concen: 25.798 ug/l

RT: 12.99 min Scan# 1941

Delta R.T. -0.01 min

Lab File: VX006076.D

Acq: 17 Nov 2018 18:38

Instrument :

MSVOA_X

ClientSampleId :

FDSB-05(25-27)ME

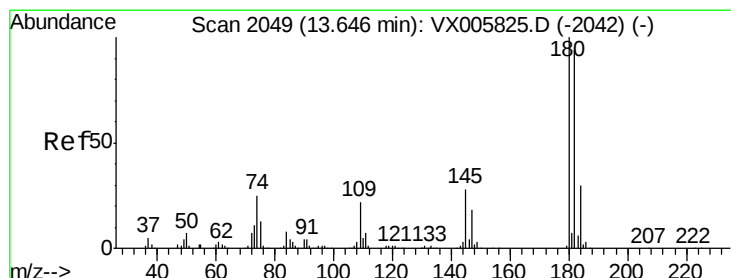
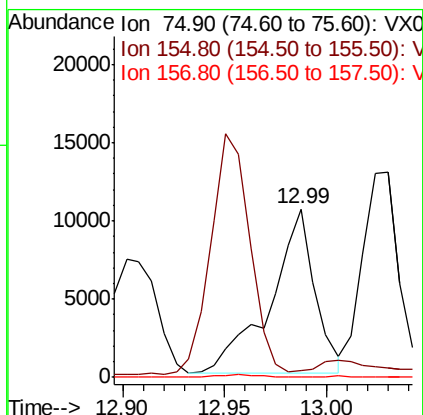
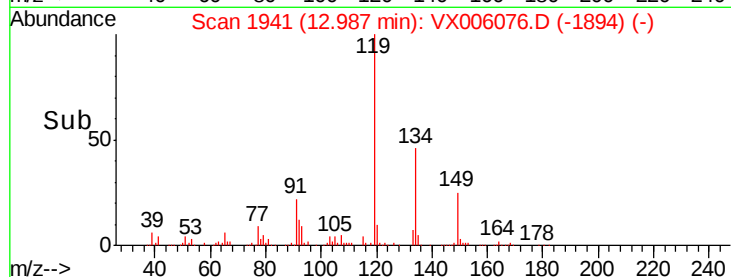
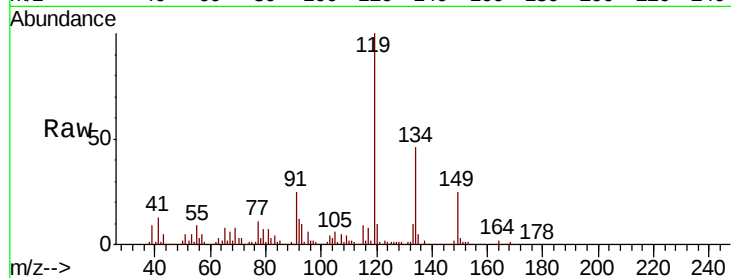
Tot Ion: 75 Resp: 15793

Ion Ratio Lower Upper

75 100

155 6.2 45.4 136.1#

157 0.4 57.4 172.0#



#93

1,2,4-Trichlorobenzene

Concen: 0.300 ug/l

RT: 13.64 min Scan# 2048

Delta R.T. -0.01 min

Lab File: VX006076.D

Acq: 17 Nov 2018 18:38

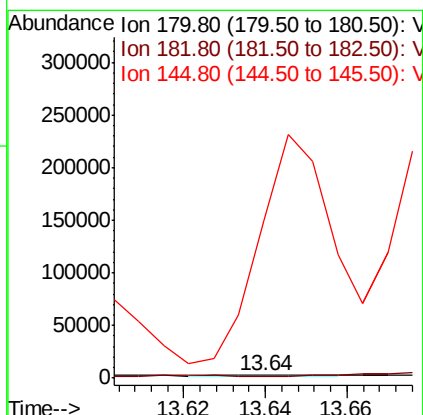
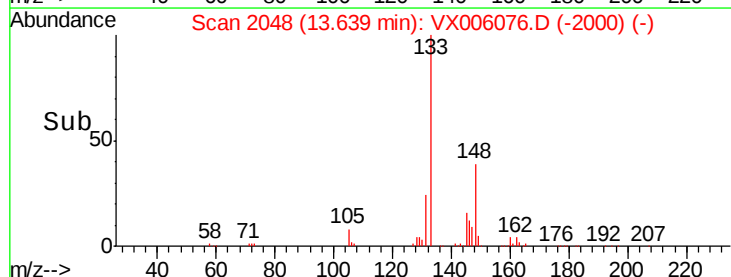
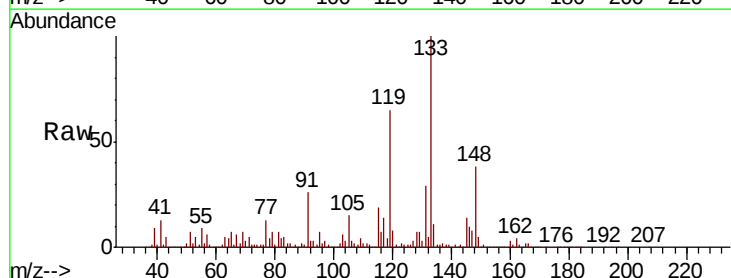
Tgt Ion: 180 Resp: 783

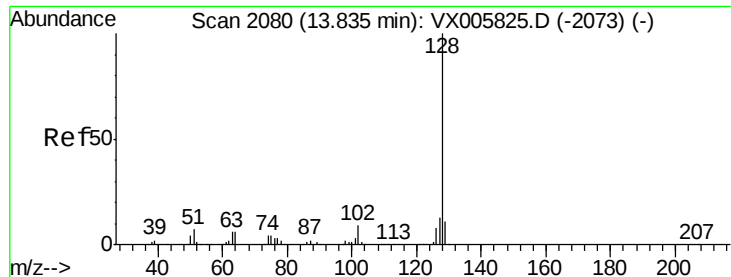
Ion Ratio Lower Upper

180 100

182 286.7 47.6 142.8#

145 36934.0 14.1 42.2#





#95

Naphthalene

Concen: 12.077 ug/l

RT: 13.82 min Scan# 2077

Delta R.T. -0.02 min

Lab File: VX006076.D

Acq: 17 Nov 2018 18:38

Instrument :

MSVOA_X

ClientSampleId :

FDSB-05(25-27)ME

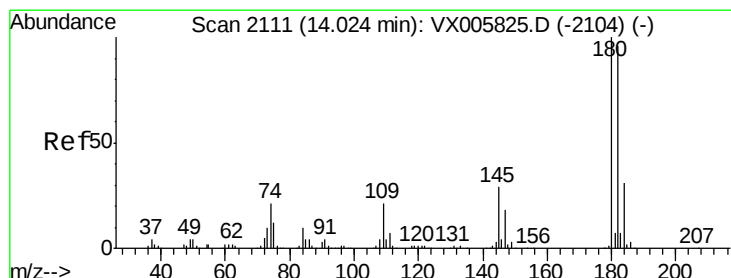
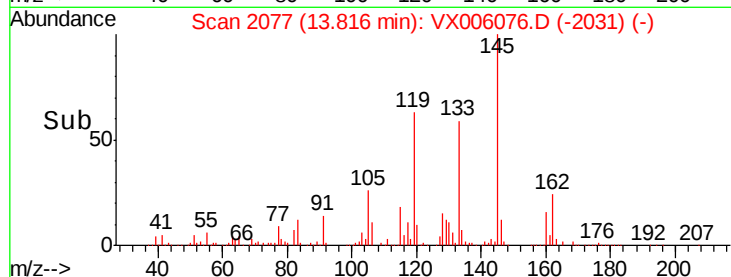
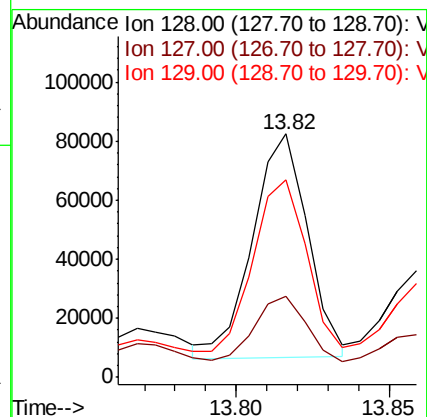
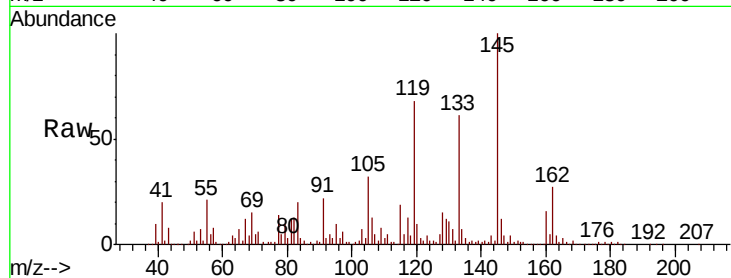
Tot Ion:128 Resp: 94919

Ion Ratio Lower Upper

128 100

127 31.1 10.4 15.6#

129 79.6 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 5.671 ug/l

RT: 14.04 min Scan# 2114

Delta R.T. 0.02 min

Lab File: VX006076.D

Acq: 17 Nov 2018 18:38

Tgt Ion:180 Resp: 15065

Ion Ratio Lower Upper

180 100

182 25.1 48.0 144.2#

145 2772.5 15.1 45.3#

