

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111918\
 Data File : VX006100.D
 Acq On : 19 Nov 2018 19:13
 Operator : JC/MD
 Sample : J5967-01
 Misc : 5.09µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-03(10-12)

Quant Time: Nov 20 00:04:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	159470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	215675	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	165816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	98466	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	78908	43.04	ug/l	0.00
Spiked Amount			Recovery	=	86.08%	
35) Dibromofluoromethane	5.51	113	67974	46.34	ug/l	0.00
Spiked Amount			Recovery	=	92.68%	
50) Toluene-d8	8.71	98	247637	50.78	ug/l	0.00
Spiked Amount			Recovery	=	101.56%	
62) 4-Bromofluorobenzene	11.14	95	99136	56.54	ug/l	0.00
Spiked Amount			Recovery	=	113.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	516	0.445	ug/l	97
6) Chloroethane	1.71	64	514	0.455	ug/l #	48
10) Methyl Iodide	2.48	142	358	0.204	ug/l #	84
13) Acrolein	2.33	56	1117	23.282	ug/l	86
14) Allyl chloride	2.73	41	4942	1.570	ug/l #	69
15) Acrylonitrile	3.12	53	5113	4.698	ug/l #	38
18) Methyl Acetate	2.84	43	283080	108.755	ug/l #	55
20) Methylene Chloride	2.84	84	834	0.514	ug/l #	1
23) Vinyl Acetate	3.78	43	1481	0.313	ug/l #	74
26) 2,2-Dichloropropane	4.37	77	2897	1.342	ug/l #	53
28) Bromochloromethane	5.29	49	583	0.443	ug/l #	15
29) Tetrahydrofuran	5.21	42	2035	2.042	ug/l #	1
30) Chloroform	5.25	83	8051	2.836	ug/l #	45
31) Cyclohexane	5.56	56	492914	192.998	ug/l	92
36) 1,1-Dichloropropene	5.66	75	10347	4.977	ug/l #	49
37) Ethyl Acetate	4.87	43	835	0.305	ug/l #	1
38) Carbon Tetrachloride	5.67	117	13548	6.509	ug/l #	15
39) Methylcyclohexane	7.46	83	1485911	705.130	ug/l	98
41) Methacrylonitrile	5.04	41	2704	1.830	ug/l #	52
42) 1,2-Dichloroethane	6.23	62	1133	0.522	ug/l #	1
43) Isopropyl Acetate	6.27	43	62333	15.734	ug/l #	63
45) 1,2-Dichloropropane	7.46	63	13290	9.034	ug/l #	1
47) Bromodichloromethane	7.84	83	9686	5.552	ug/l #	38
48) Methyl methacrylate	7.73	41	76268	42.873	ug/l #	46
51) 4-Methyl-2-Pentanone	8.66	43	82958	33.225	ug/l #	44
52) Toluene	8.79	92	10781	3.183	ug/l	92
55) 1,1,2-Trichloroethane	9.16	97	227190	150.483	ug/l #	18
56) Ethyl methacrylate	9.22	69	16837	7.453	ug/l #	42
58) 2-Chloroethyl Vinyl ether	8.34	63	1464	9.428	ug/l #	48
59) 2-Hexanone	9.55	43	125750	57.136	ug/l #	43
61) 1,2-Dibromoethane	9.66	107	585	0.350	ug/l #	1
67) Ethyl Benzene	10.26	91	865606	162.506	ug/l	98
68) m/p-Xylenes	10.37	106	198987	97.937	ug/l	98
69) o-Xylene	10.70	106	7004	3.844	ug/l	74

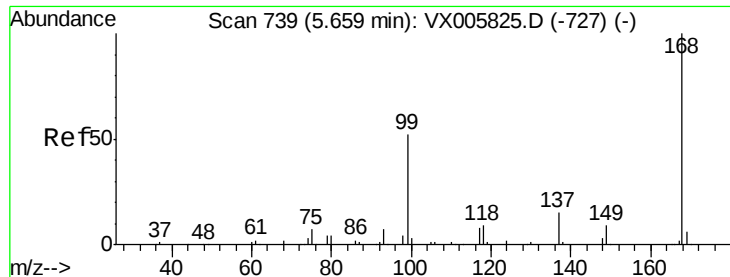
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111918\
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) Styrene	10.70	104	664	0.221	ug/l #	1
73) Isopropylbenzene	11.02	105	260660	45.777	ug/l	100
74) N-amyl acetate	10.91	43	208164	64.775	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.28	83	122182	58.460	ug/l #	26
76) 1,2,3-Trichloropropane	11.37	75	3947	1.969	ug/l #	1
78) n-propylbenzene	11.37	91	606273	90.343	ug/l	98
79) 2-Chlorotoluene	11.46	91	23093	5.693	ug/l #	55
80) 1,3,5-Trimethylbenzene	11.51	105	151243	31.256	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.02	75	3392	5.392	ug/l #	1
82) 4-Chlorotoluene	11.77	91	18606	3.892	ug/l	84
83) tert-Butylbenzene	11.77	119	26724	5.459	ug/l	81
84) 1,2,4-Trimethylbenzene	11.81	105	276332	51.751	ug/l	97
85) sec-Butylbenzene	11.95	105	376605	62.911	ug/l #	75
86) p-Isopropyltoluene	12.07	119	90093	16.991	ug/l	97
89) n-Butylbenzene	12.39	91	583737	118.780	ug/l #	81
90) Hexachloroethane	12.68	117	140401	158.593	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	13.02	75	1570	3.078	ug/l #	1
94) Hexachlorobutadiene	13.79	225	230	0.202	ug/l	95
95) Naphthalene	13.84	128	301890	42.789	ug/l #	78
96) 1,2,3-Trichlorobenzene	14.04	180	13989	6.321	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX006100.D

Acq: 19 Nov 2018 19:13

Instrument :

MSVOA_X

ClientSampleId :

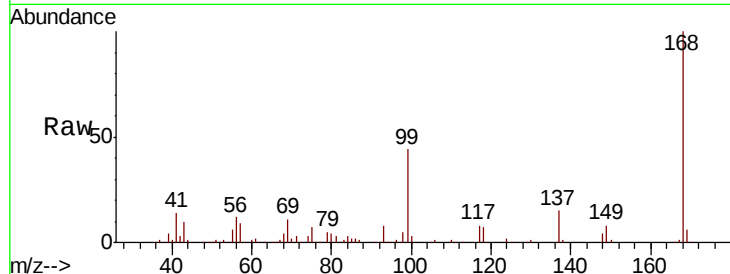
FDSB-03(10-12)

Tot Ion:168 Resp: 159470

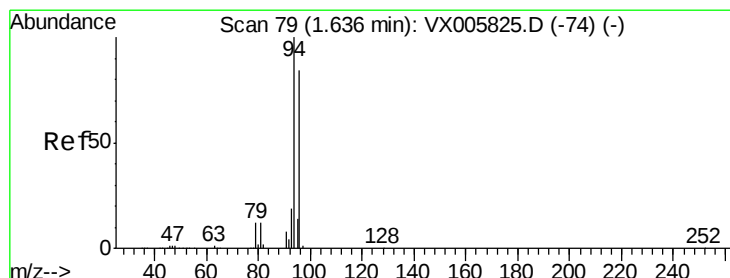
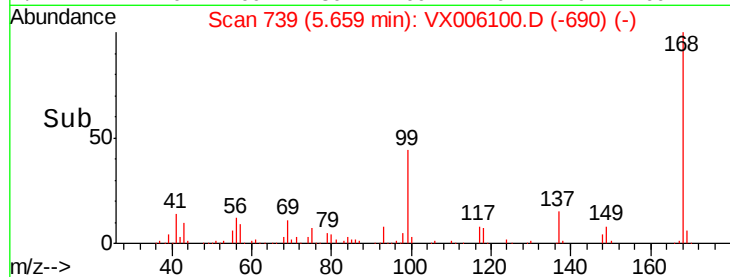
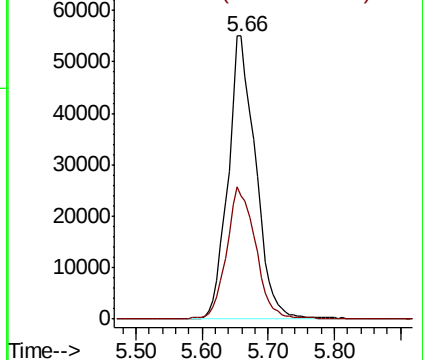
Ion Ratio Lower Upper

168 100

99 43.6 40.7 61.1



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



#5

Bromomethane

Concen: 0.445 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX006100.D

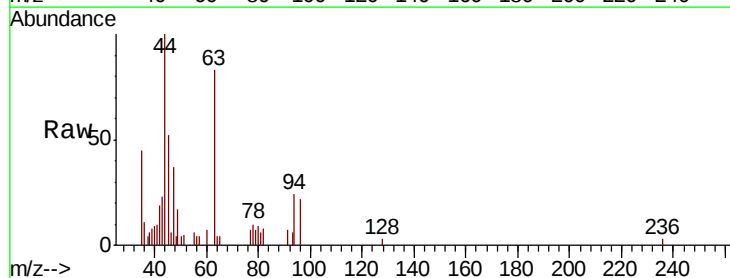
Acq: 19 Nov 2018 19:13

Tgt Ion: 94 Resp: 516

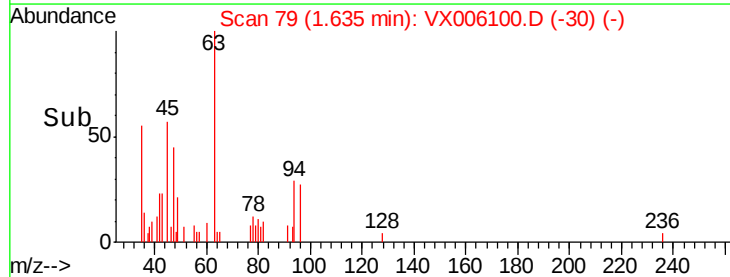
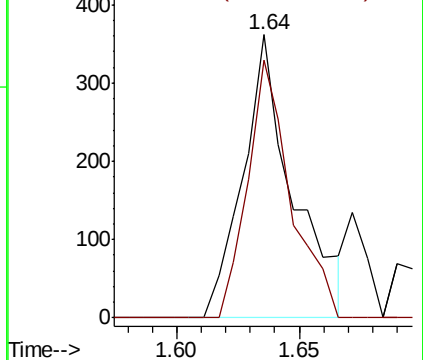
Ion Ratio Lower Upper

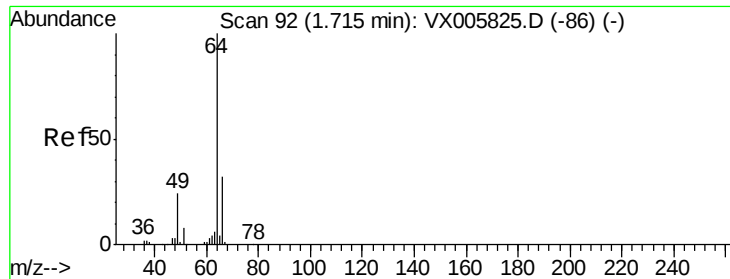
94 100

96 91.2 75.2 112.8



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





#6

Chloroethane

Concen: 0.455 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX006100.D

Acq: 19 Nov 2018 19:13

Instrument :

MSVOA_X

ClientSampleId :

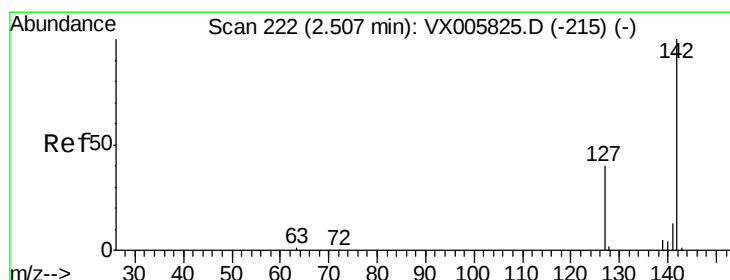
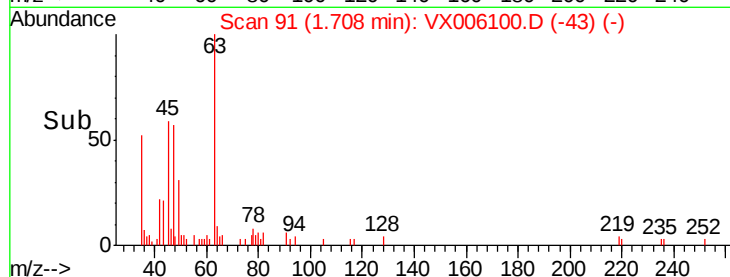
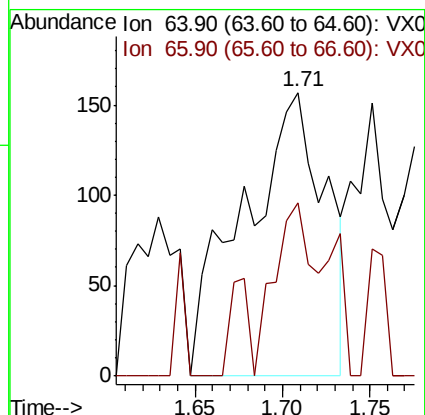
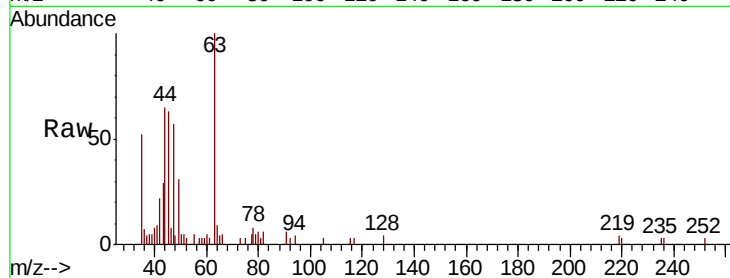
FDSB-03(10-12)

Tot Ion: 64 Resp: 514

Ion Ratio Lower Upper

64 100

66 61.1 25.8 38.6#



#10

Methyl Iodide

Concen: 0.204 ug/l

RT: 2.48 min Scan# 217

Delta R.T. -0.03 min

Lab File: VX006100.D

Acq: 19 Nov 2018 19:13

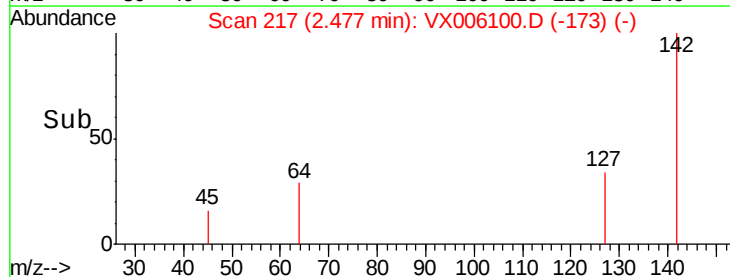
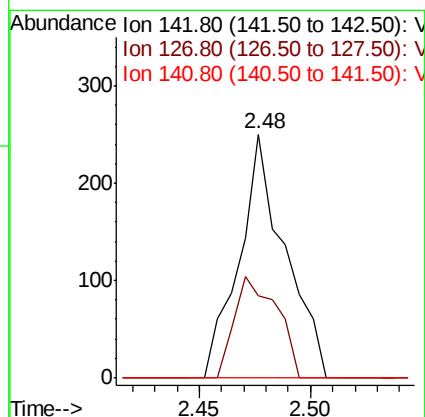
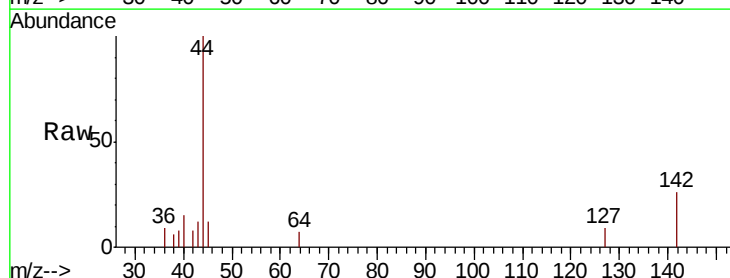
Tgt Ion: 142 Resp: 358

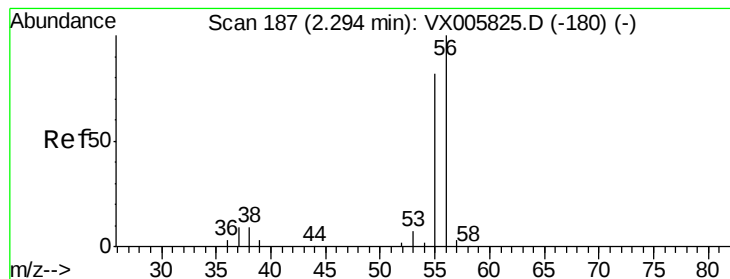
Ion Ratio Lower Upper

142 100

127 38.5 36.0 54.0

141 0.0 11.7 17.5#





#13

Acrolein

Concen: 23.282 ug/l

RT: 2.33 min Scan# 193

Delta R.T. 0.04 min

Lab File: VX006100.D

Acq: 19 Nov 2018 19:13

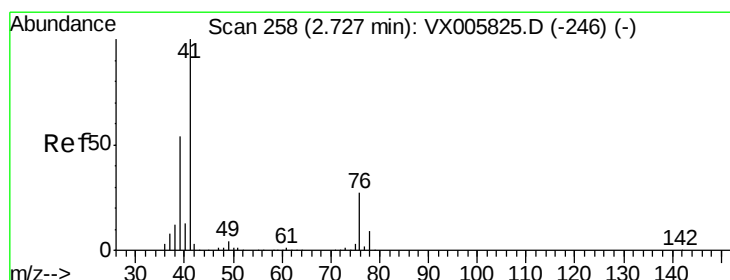
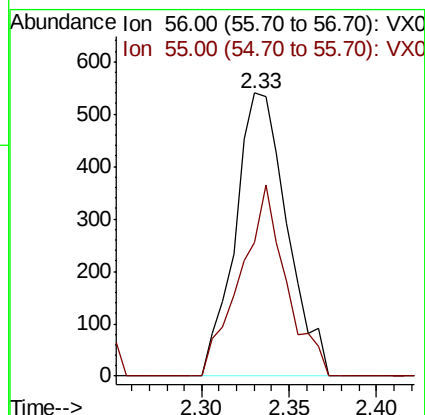
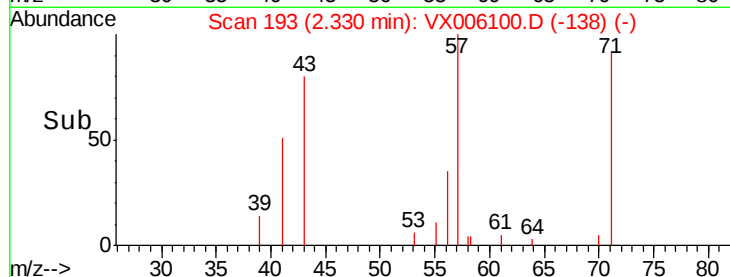
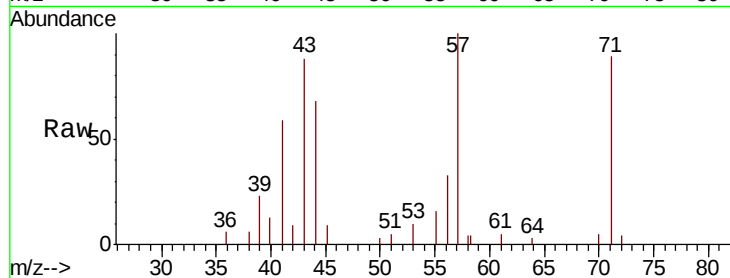
Instrument :
MSVOA_X
ClientSampleId :
FDSB-03(10-12)

Tot Ion: 56 Resp: 1117

Ion Ratio Lower Upper

56 100

55 59.6 57.3 85.9



#14

Allyl chloride

Concen: 1.570 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006100.D

Acq: 19 Nov 2018 19:13

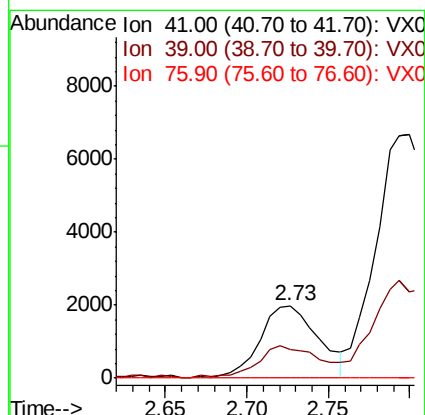
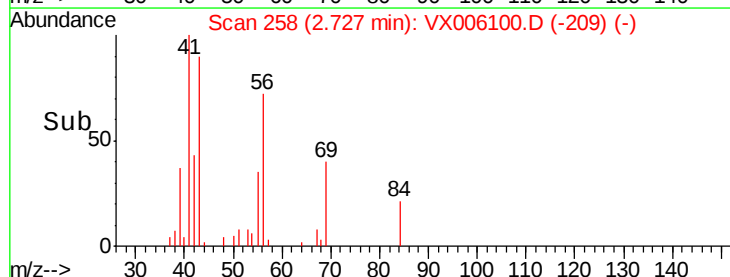
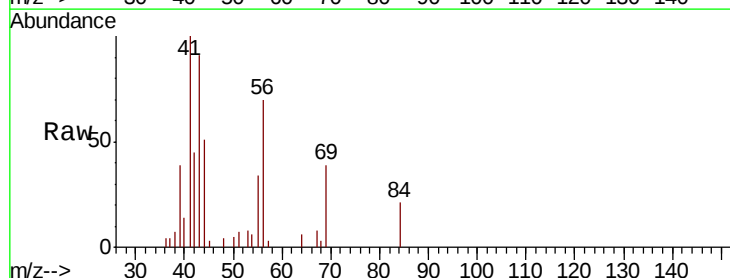
Tgt Ion: 41 Resp: 4942

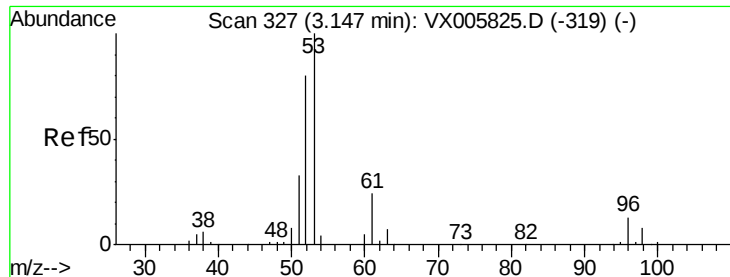
Ion Ratio Lower Upper

41 100

39 44.8 48.2 72.4#

76 0.0 21.9 32.9#





#15

Acrylonitrile

Concen: 4.698 ug/l

RT: 3.12 min Scan# 323

Delta R.T. -0.02 min

Lab File: VX006100.D

Acq: 19 Nov 2018 19:13

Instrument :

MSVOA_X

ClientSampleId :

FDSB-03(10-12)

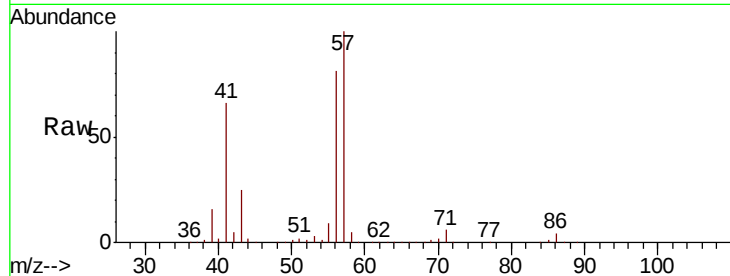
Tot Ion: 53 Resp: 5113

Ion Ratio Lower Upper

53 100

52 18.7 66.6 99.8#

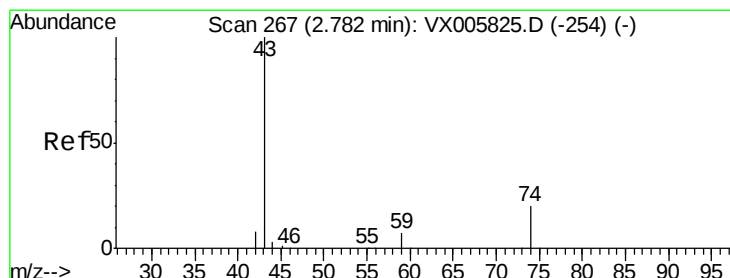
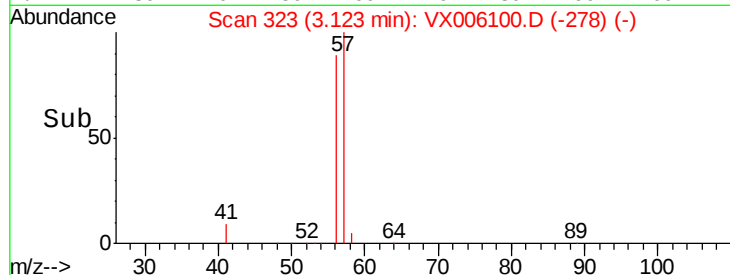
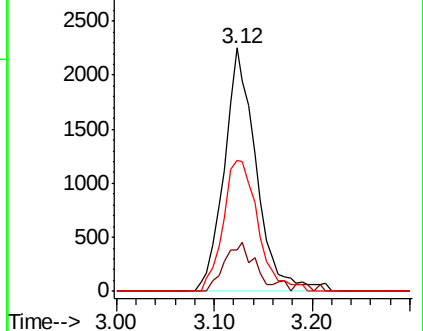
51 58.2 28.4 42.6#



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: 108.755 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.06 min

Lab File: VX006100.D

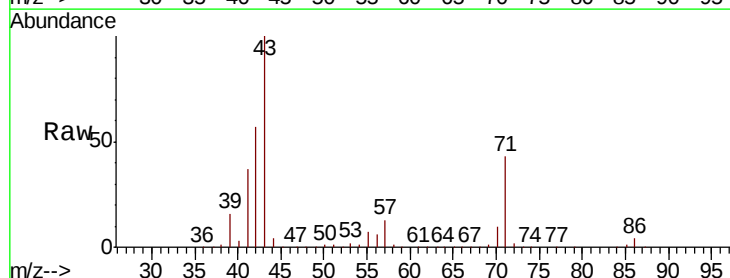
Acq: 19 Nov 2018 19:13

Tgt Ion: 43 Resp: 283080

Ion Ratio Lower Upper

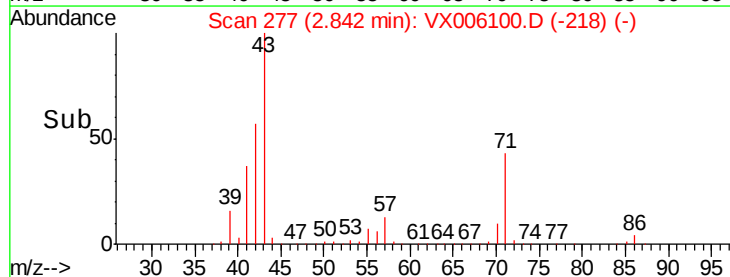
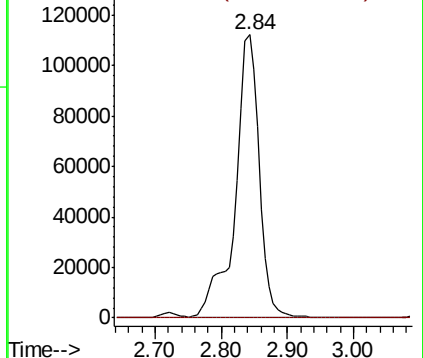
43 100

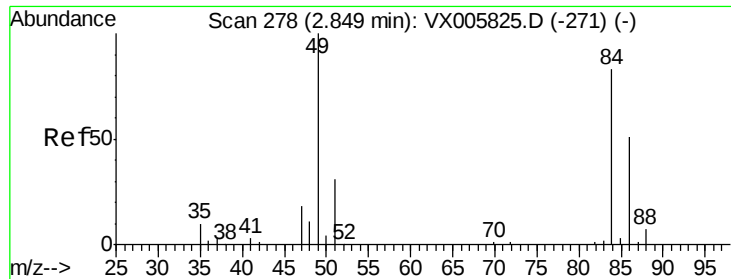
74 0.0 16.8 25.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

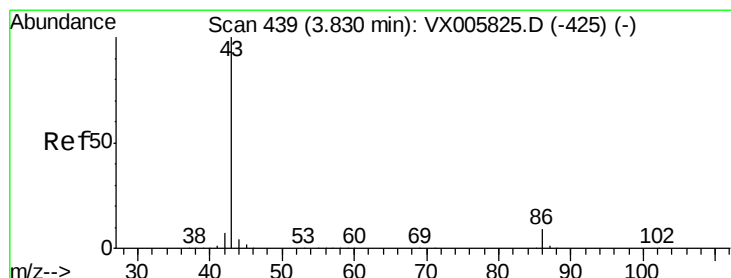
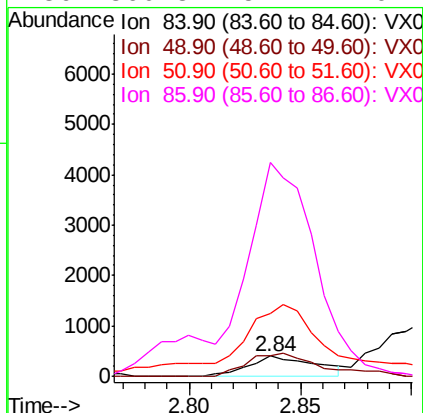
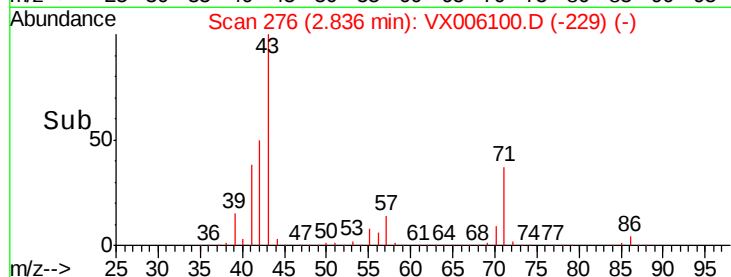
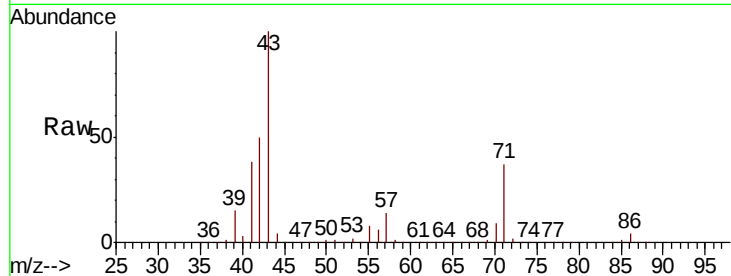




#20
Methylene Chloride
Concen: 0.514 ug/l
RT: 2.84 min Scan# 276
Delta R.T. -0.01 min
Lab File: VX006100.D
Acq: 19 Nov 2018 19:13

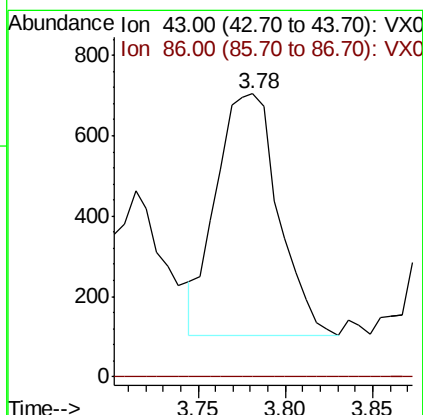
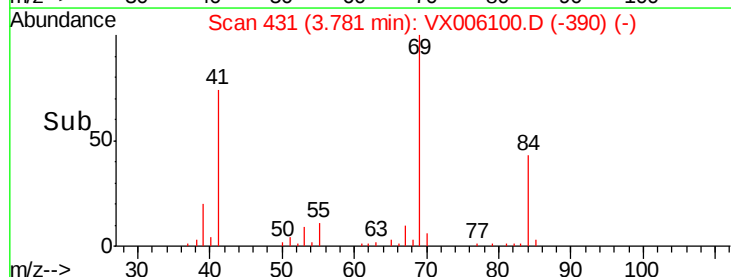
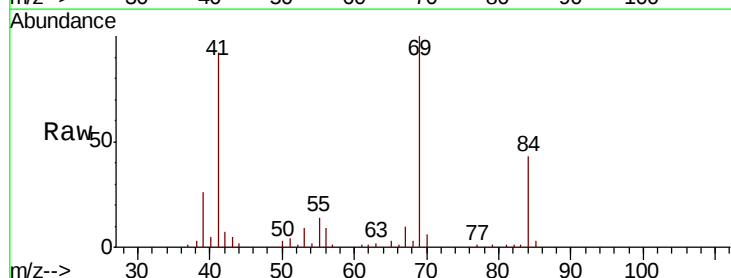
Instrument :
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FDSB-03(10-12)

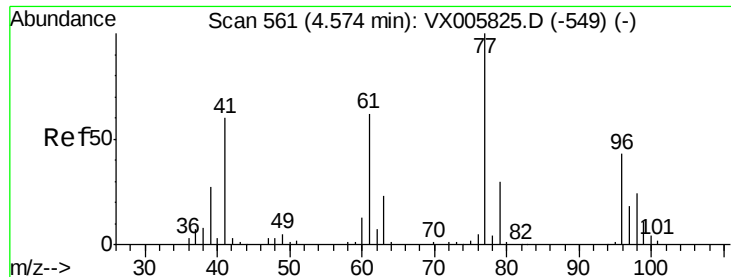
Tot Ion: 84 Resp: 834
Ion Ratio Lower Upper
84 100
49 100.0 109.5 164.3#
51 246.5 33.3 49.9#
86 860.8 52.7 79.1#



#23
Vinyl Acetate
Concen: 0.313 ug/l
RT: 3.78 min Scan# 431
Delta R.T. -0.05 min
Lab File: VX006100.D
Acq: 19 Nov 2018 19:13

Tgt Ion: 43 Resp: 1481
Ion Ratio Lower Upper
43 100
86 0.0 7.4 11.2#





#26

2,2-Dichloropropane

Concen: 1.342 ug/l

RT: 4.37 min Scan# 527

Delta R.T. -0.21 min

Lab File: VX006100.D

Acq: 19 Nov 2018 19:13

Instrument :

MSVOA_X

ClientSampleId :

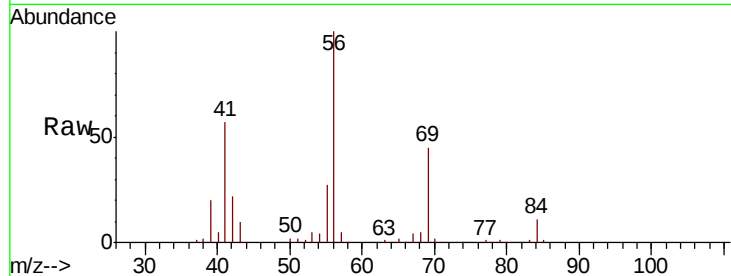
FDSB-03(10-12)

Tot Ion: 77 Resp: 2897

Ion Ratio Lower Upper

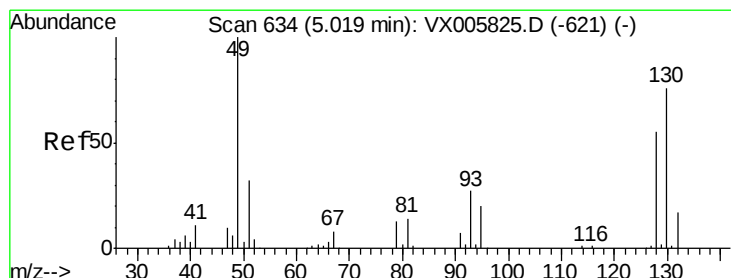
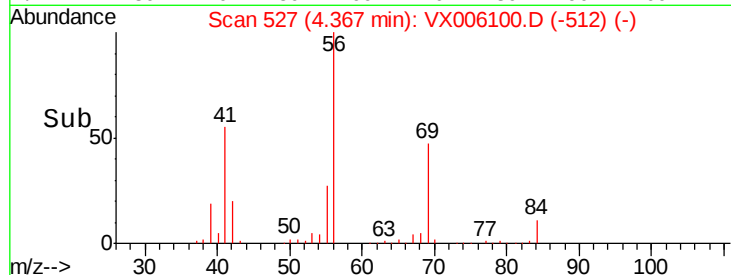
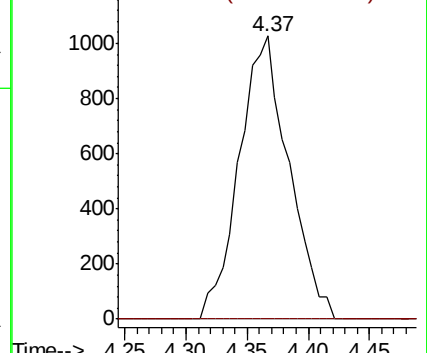
77 100

97 0.0 11.5 34.5#



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



#28

Bromochloromethane

Concen: 0.443 ug/l

RT: 5.29 min Scan# 678

Delta R.T. 0.27 min

Lab File: VX006100.D

Acq: 19 Nov 2018 19:13

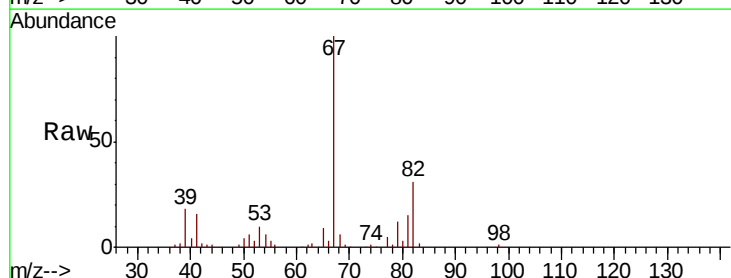
Tgt Ion: 49 Resp: 583

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

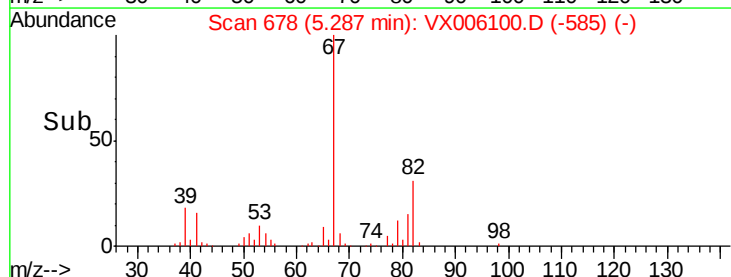
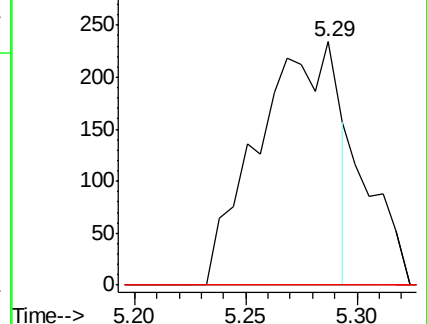
130 0.0 58.9 88.3#

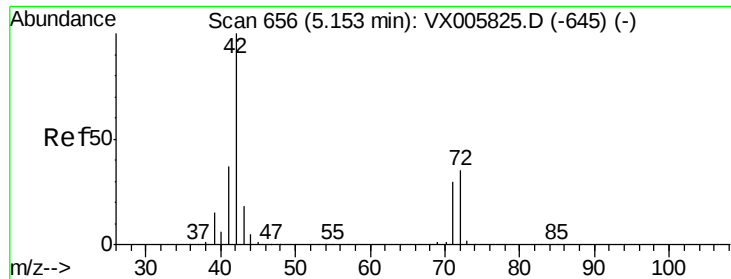


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

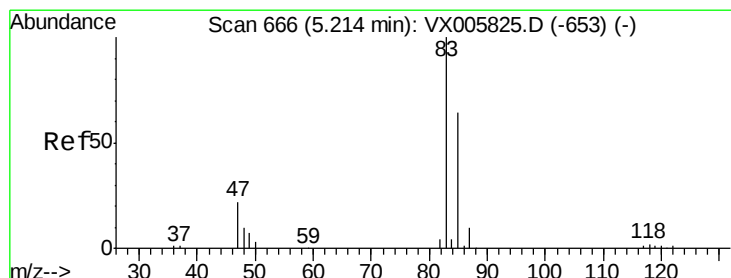
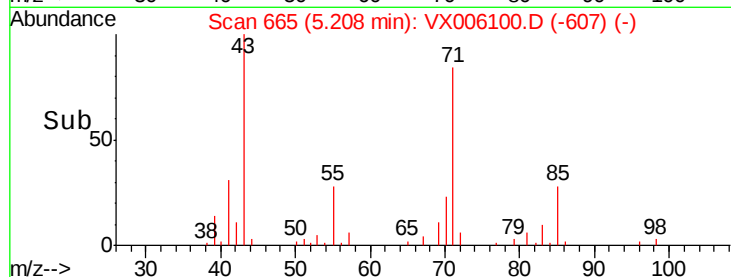
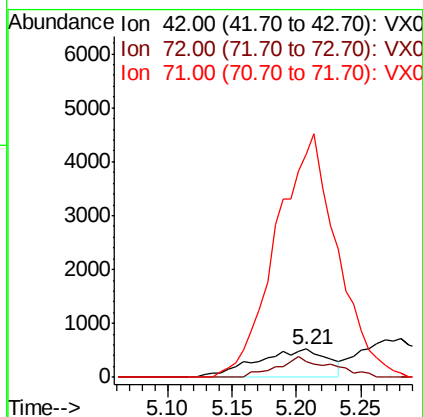
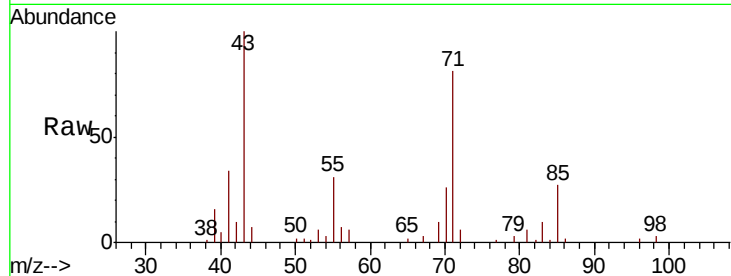




#29
Tetrahydrofuran
Concen: 2.042 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.05 min
Lab File: VX006100.D
Acq: 19 Nov 2018 19:13

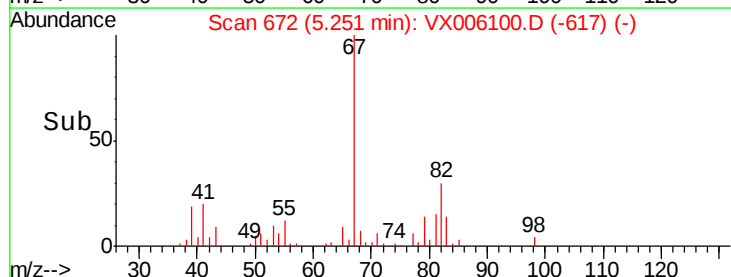
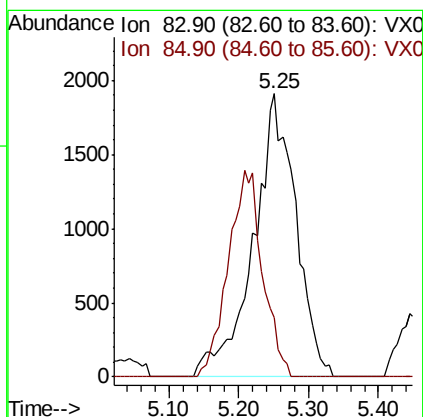
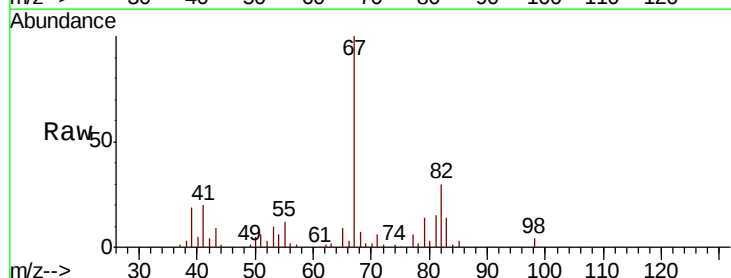
Instrument :
MSVOA_X
ClientSampleId :
FDSB-03(10-12)

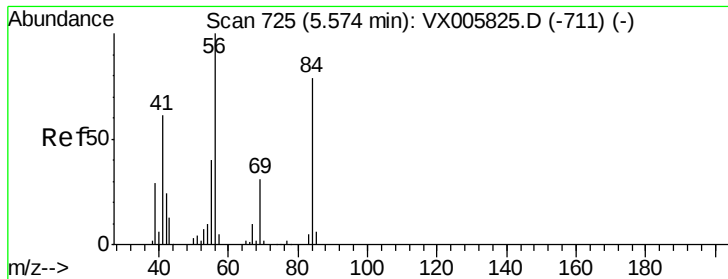
Tot Ion: 42 Resp: 2035
Ion Ratio Lower Upper
42 100
72 54.6 32.0 48.0#
71 731.5 29.8 44.8#



#30
Chloroform
Concen: 2.836 ug/l
RT: 5.25 min Scan# 672
Delta R.T. 0.04 min
Lab File: VX006100.D
Acq: 19 Nov 2018 19:13

Tgt Ion: 83 Resp: 8051
Ion Ratio Lower Upper
83 100
85 20.8 50.6 76.0#

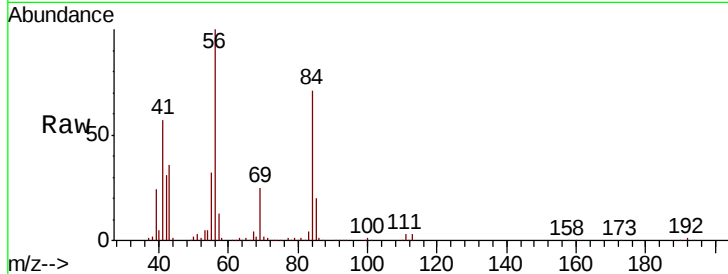




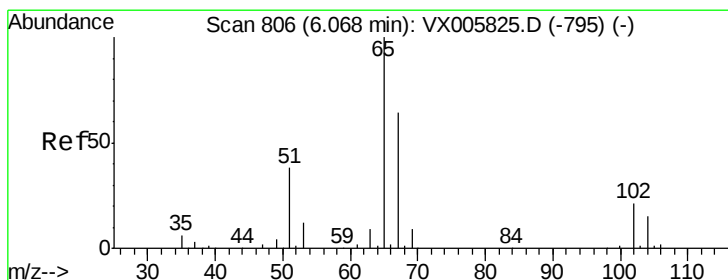
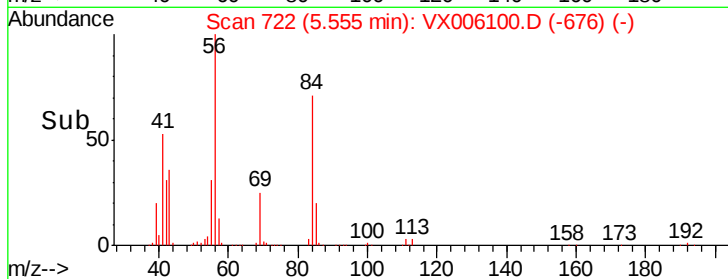
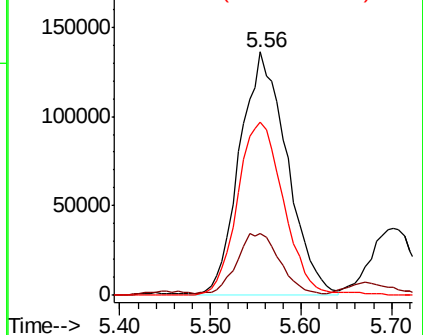
#31
Cyclohexane
Concen: 192.998 ug/l
RT: 5.56 min Scan# 722
Delta R.T. -0.02 min
Lab File: VX006100.D
Acq: 19 Nov 2018 19:13

Instrument :
MSVOA_X
ClientSampleId :
FDSB-03(10-12)

Tot Ion: 56 Resp: 492914
Ion Ratio Lower Upper
56 100
69 24.3 22.6 34.0
84 71.2 62.7 94.1

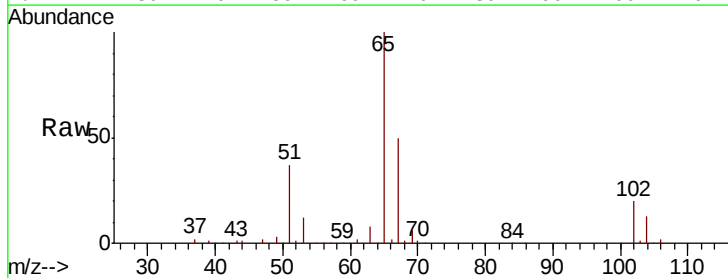


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

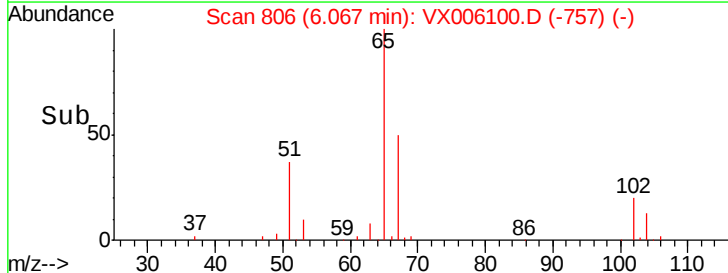
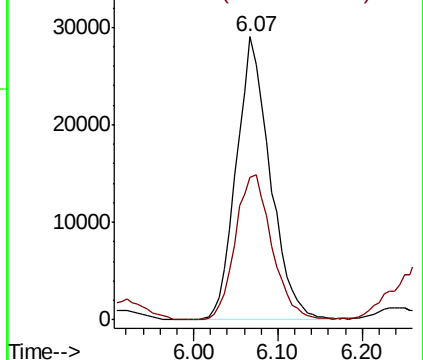


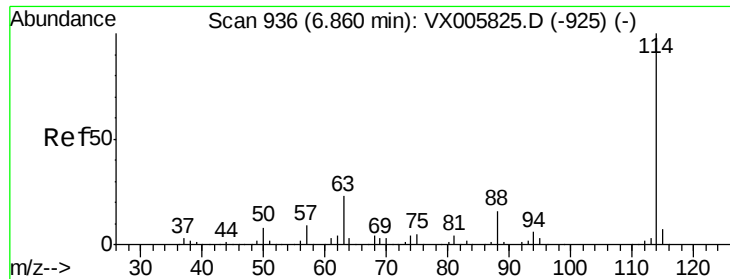
#33
1,2-Dichloroethane-d4
Concen: 43.041 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX006100.D
Acq: 19 Nov 2018 19:13

Tgt Ion: 65 Resp: 78908
Ion Ratio Lower Upper
65 100
67 55.4 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

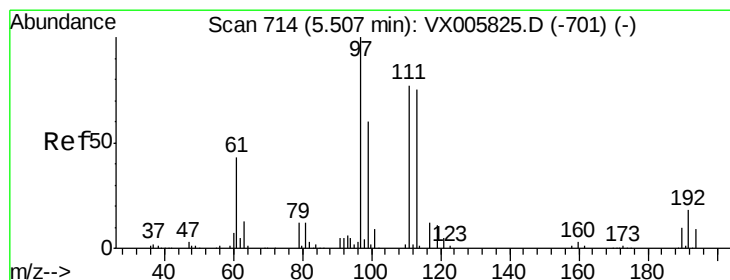
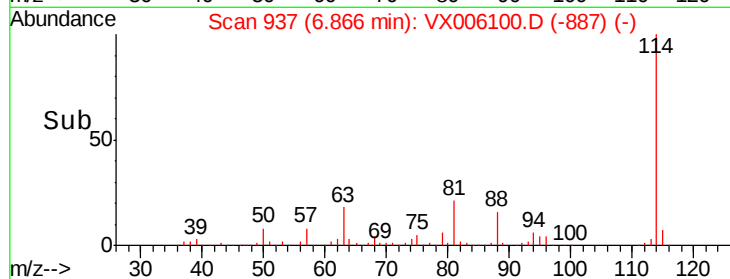
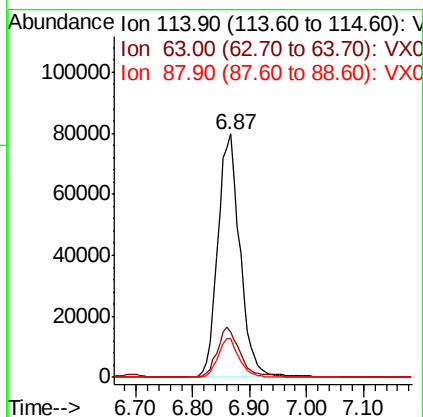
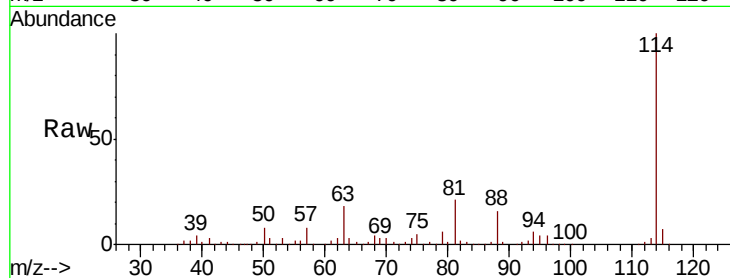




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX006100.D
 Acq: 19 Nov 2018 19:13

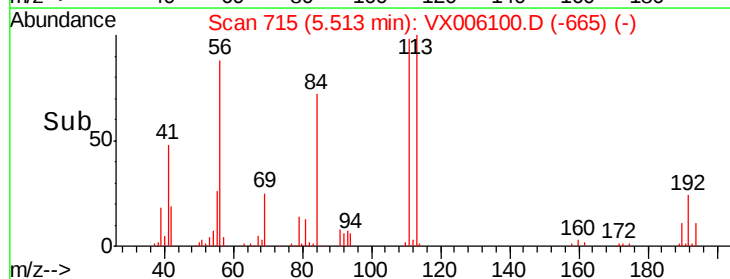
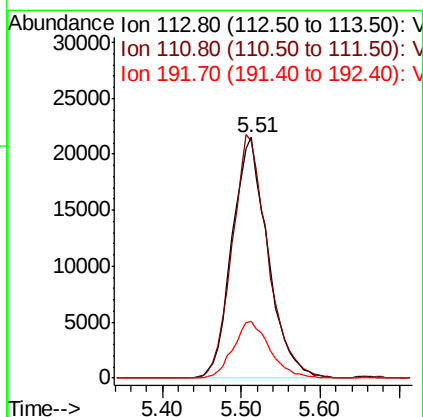
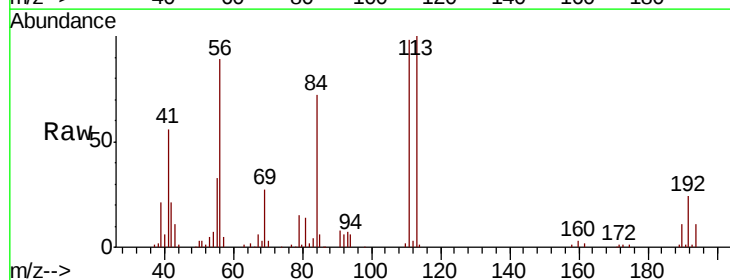
Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-03(10-12)

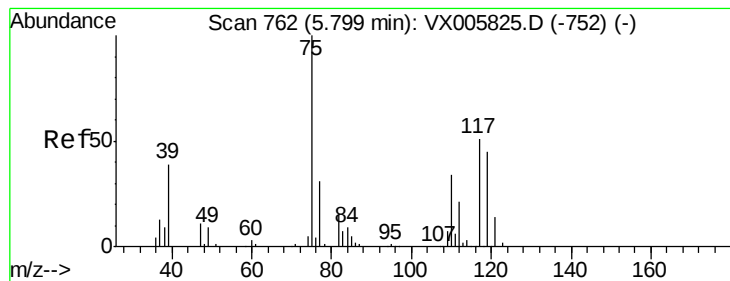
Tot Ion:114 Resp: 215675
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 42.8
 88 15.9 0.0 31.2



#35
 Dibromofluoromethane
 Concen: 46.338 ug/l
 RT: 5.51 min Scan# 715
 Delta R.T. 0.01 min
 Lab File: VX006100.D
 Acq: 19 Nov 2018 19:13

Tgt Ion:113 Resp: 67974
 Ion Ratio Lower Upper
 113 100
 111 100.6 82.3 123.5
 192 23.9 17.9 26.9





#36

1,1-Dichloropropene

Concen: 4.977 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006100.D

Acq: 19 Nov 2018 19:13

Instrument :

MSVOA_X

ClientSampleId :

FDSB-03(10-12)

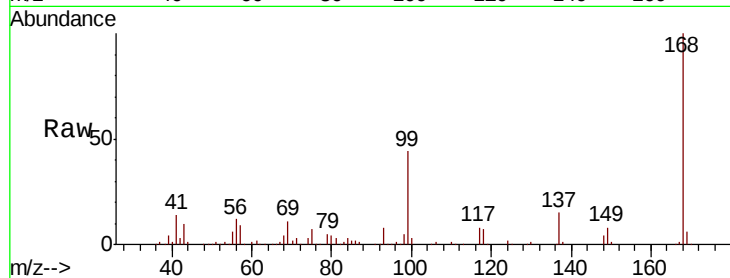
Tot Ion: 75 Resp: 10347

Ion Ratio Lower Upper

75 100

110 9.0 17.4 52.2#

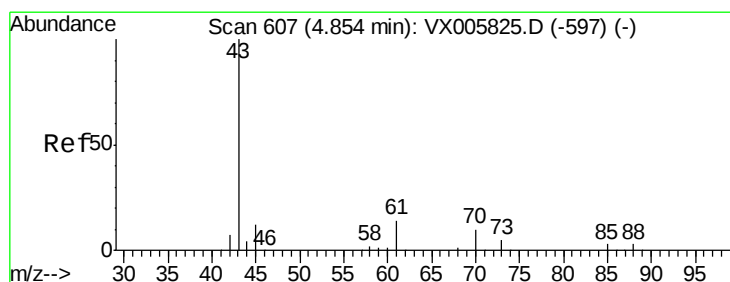
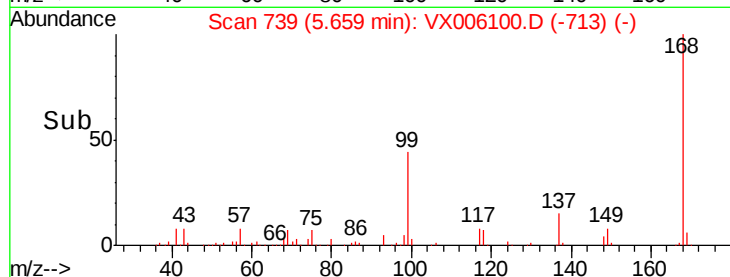
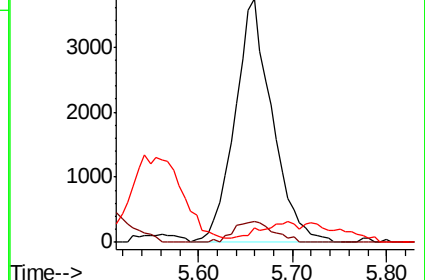
77 0.0 25.8 38.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#37

Ethyl Acetate

Concen: 0.305 ug/l

RT: 4.87 min Scan# 609

Delta R.T. 0.01 min

Lab File: VX006100.D

Acq: 19 Nov 2018 19:13

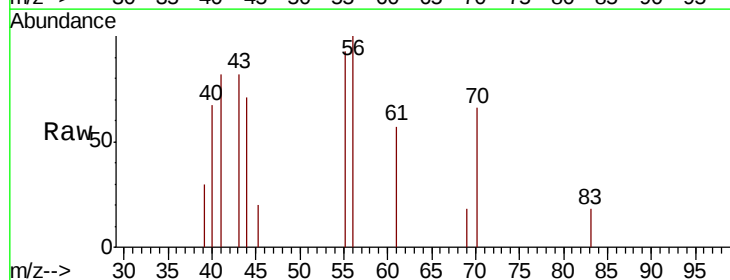
Tgt Ion: 43 Resp: 835

Ion Ratio Lower Upper

43 100

61 0.0 10.8 16.2#

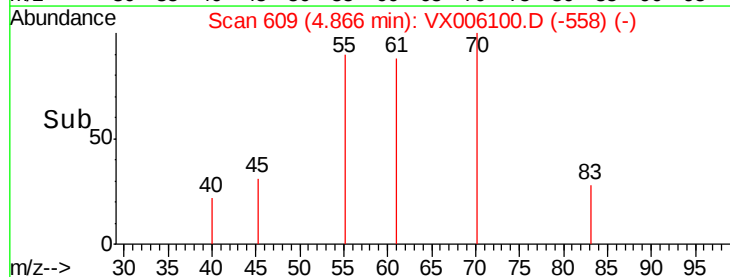
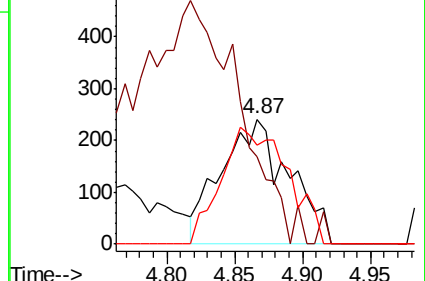
70 92.1 7.8 11.8#

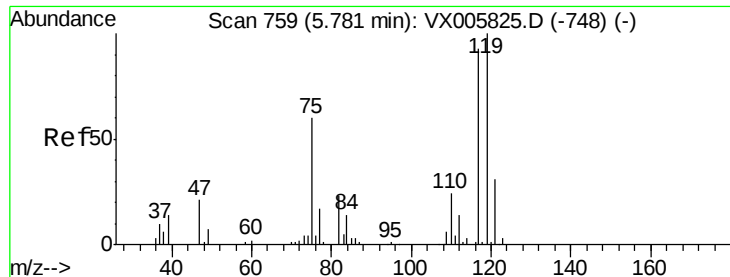


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0

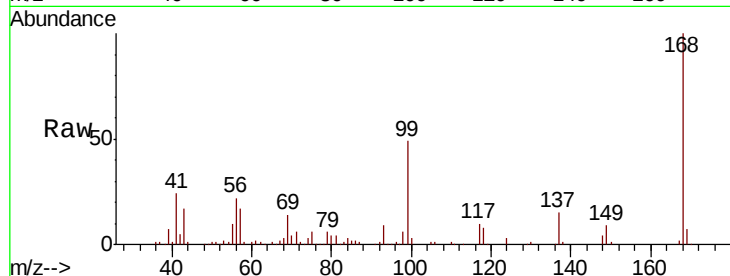




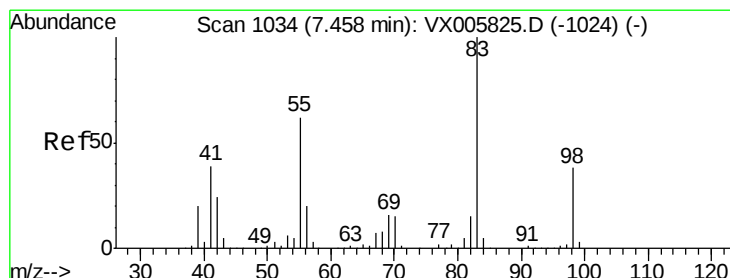
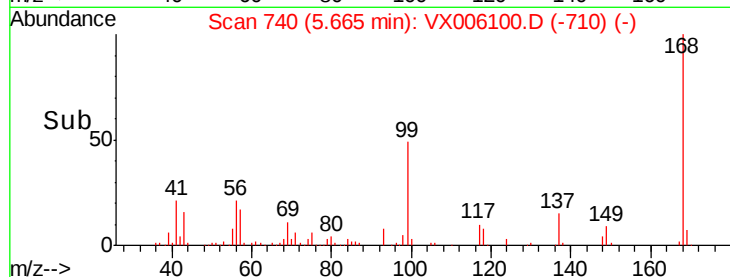
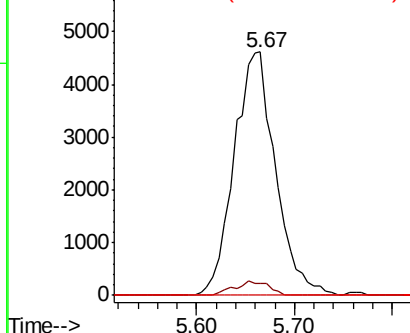
#38
Carbon Tetrachloride
Concen: 6.509 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX006100.D
Acq: 19 Nov 2018 19:13

Instrument :
MSVOA_X
ClientSampleId :
FDSB-03(10-12)

Tot Ion:117 Resp: 13548
Ion Ratio Lower Upper
117 100
119 4.9 78.1 117.1#
121 0.0 24.6 36.8#

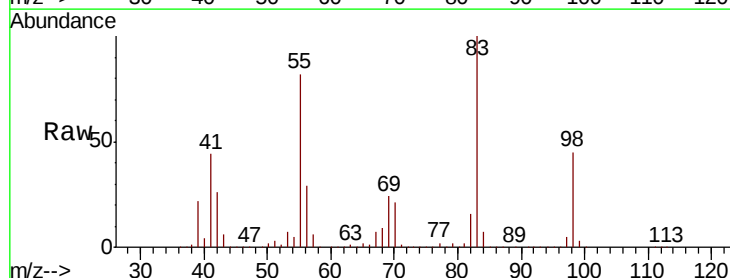


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

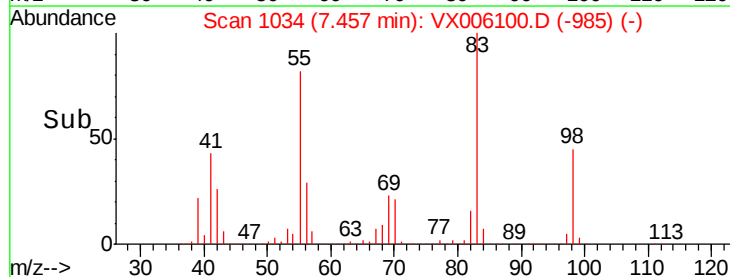
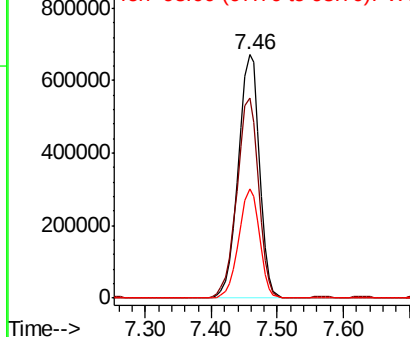


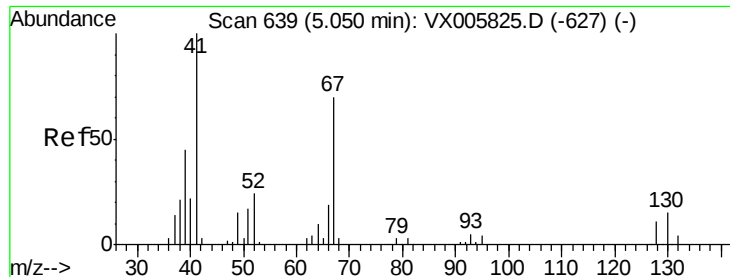
#39
Methylcyclohexane
Concen: 705.130 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006100.D
Acq: 19 Nov 2018 19:13

Tgt Ion: 83 Resp: 1485911
Ion Ratio Lower Upper
83 100
55 81.9 63.7 95.5
98 45.1 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

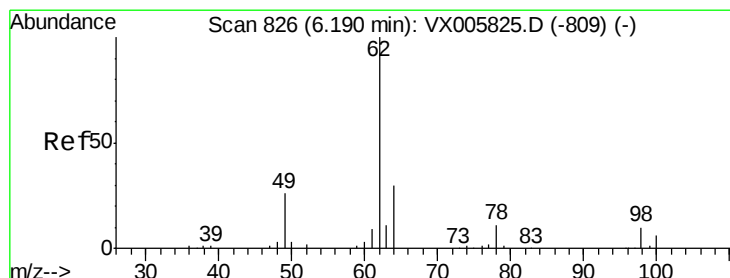
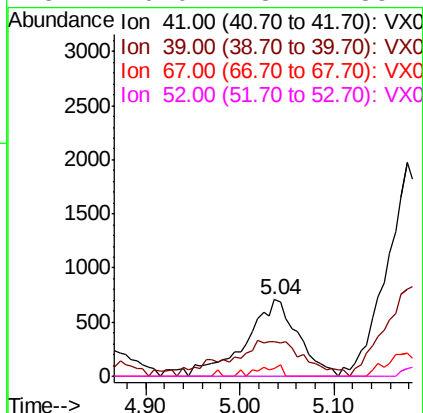
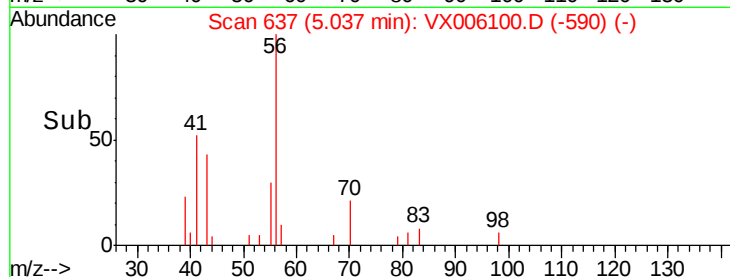
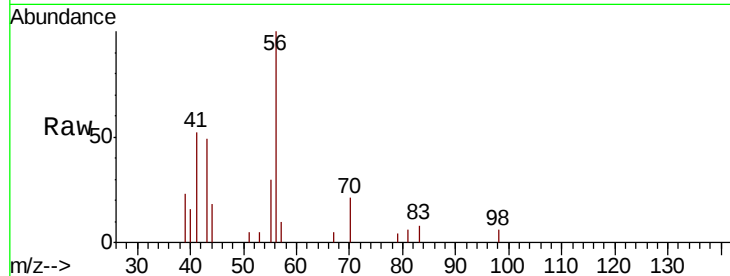




#41
Methacrylonitrile
Concen: 1.830 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX006100.D
Acq: 19 Nov 2018 19:13

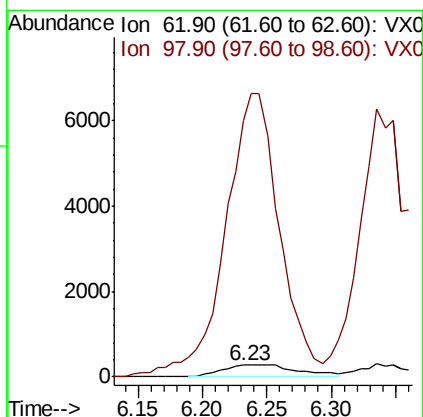
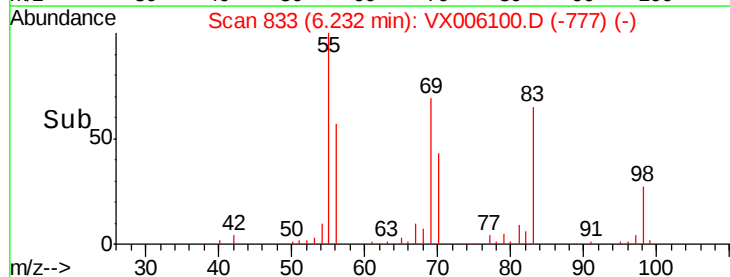
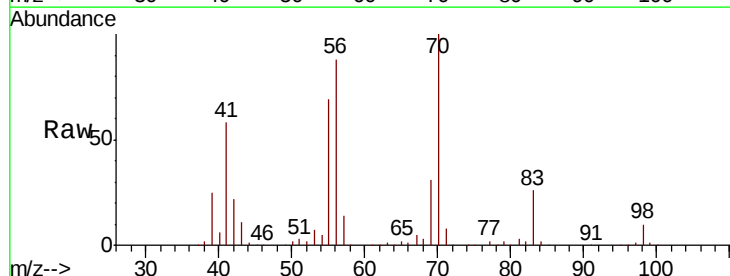
Instrument :
MSVOA_X
ClientSampleId :
FDSB-03(10-12)

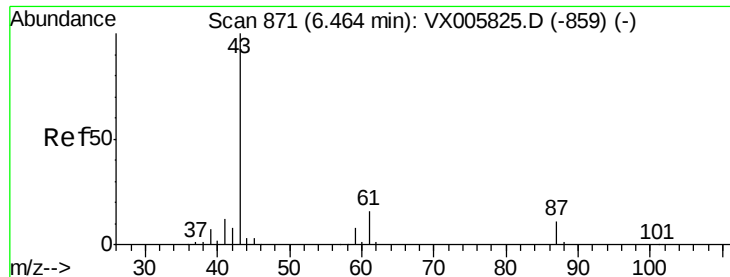
Tot Ion: 41 Resp: 2704
Ion Ratio Lower Upper
41 100
39 52.5 42.2 63.2
67 0.0 53.4 80.0#
52 0.0 23.4 35.2#



#42
1,2-Dichloroethane
Concen: 0.522 ug/l
RT: 6.23 min Scan# 833
Delta R.T. 0.04 min
Lab File: VX006100.D
Acq: 19 Nov 2018 19:13

Tgt Ion: 62 Resp: 1133
Ion Ratio Lower Upper
62 100
98 1711.3 0.0 17.8#





#43

Isopropyl Acetate

Concen: 15.734 ug/l

RT: 6.27 min Scan# 840

Delta R.T. -0.19 min

Lab File: VX006100.D

Acq: 19 Nov 2018 19:13

Instrument :

MSVOA_X

ClientSampleId :

FDSB-03(10-12)

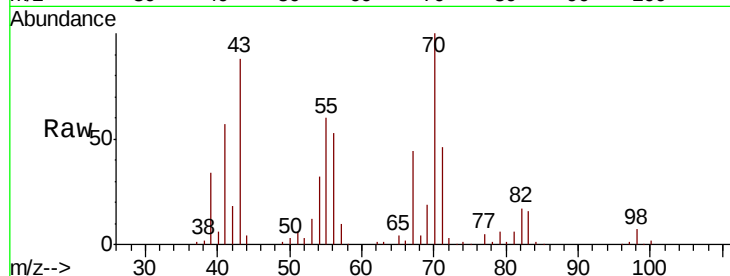
Tot Ion: 43 Resp: 62333

Ion Ratio Lower Upper

43 100

61 0.0 14.6 22.0#

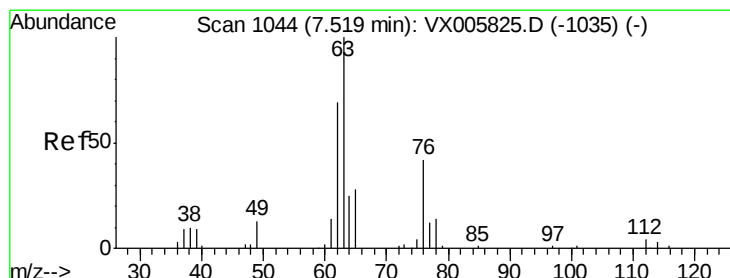
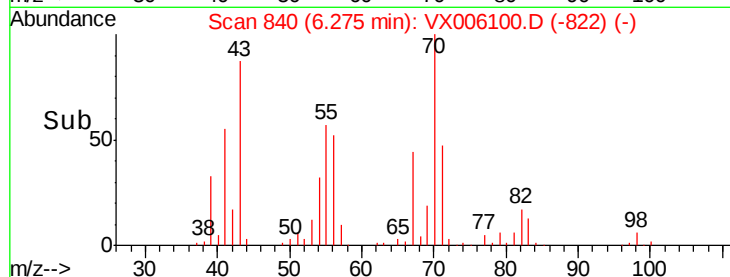
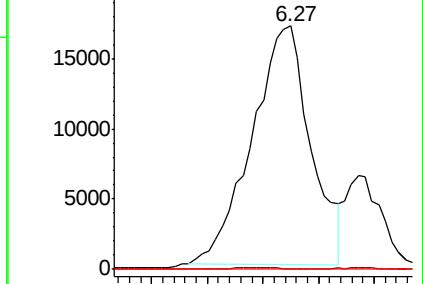
87 0.0 9.6 14.4#



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



#45

1,2-Dichloropropane

Concen: 9.034 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.06 min

Lab File: VX006100.D

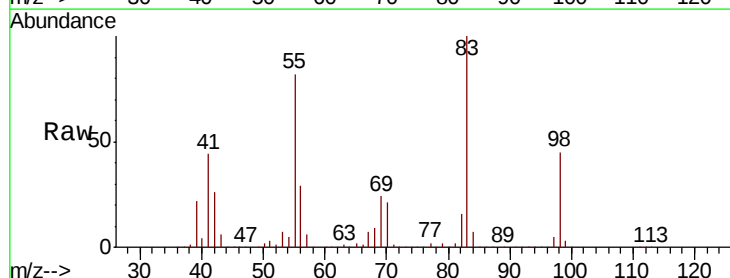
Acq: 19 Nov 2018 19:13

Tgt Ion: 63 Resp: 13290

Ion Ratio Lower Upper

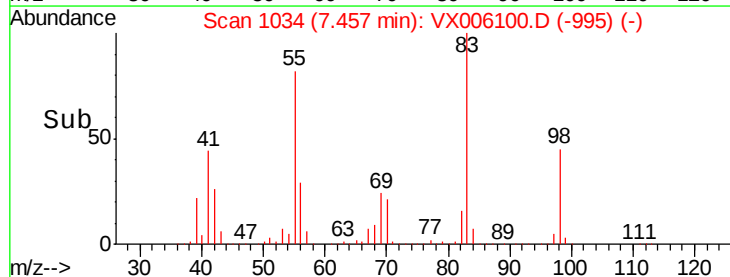
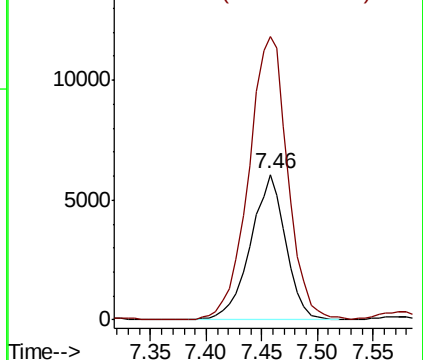
63 100

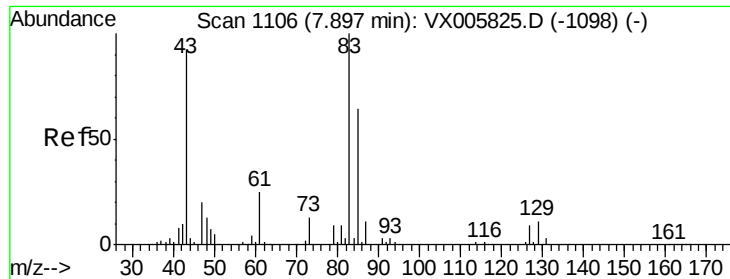
65 194.9 24.8 37.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

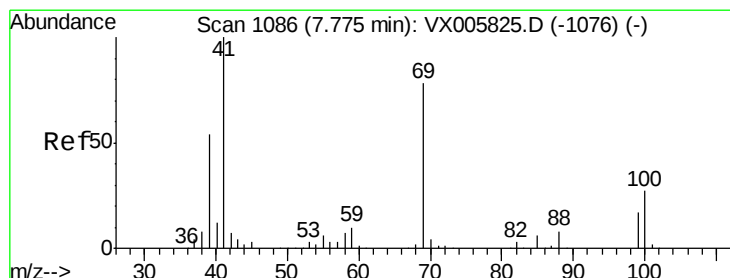
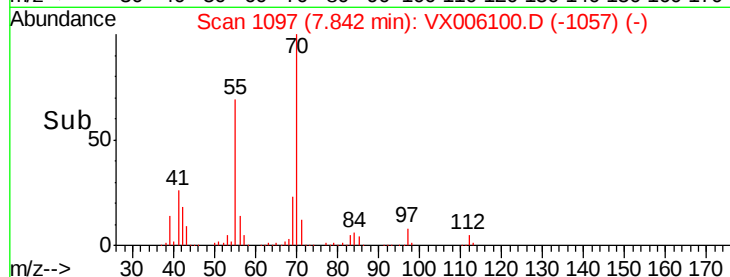
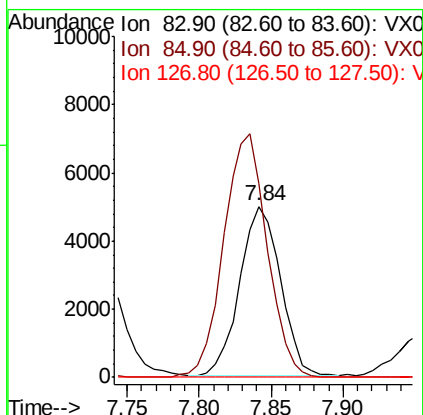
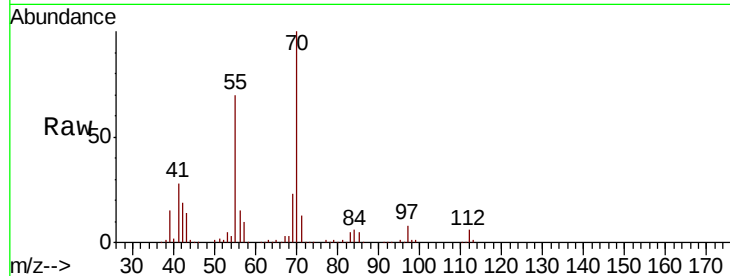




#47
 Bromodichloromethane
 Concen: 5.552 ug/l
 RT: 7.84 min Scan# 1097
 Delta R.T. -0.06 min
 Lab File: VX006100.D
 Acq: 19 Nov 2018 19:13

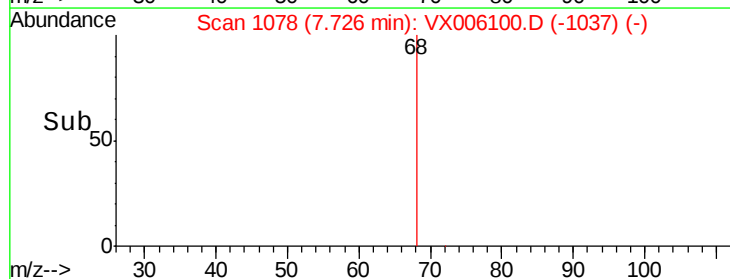
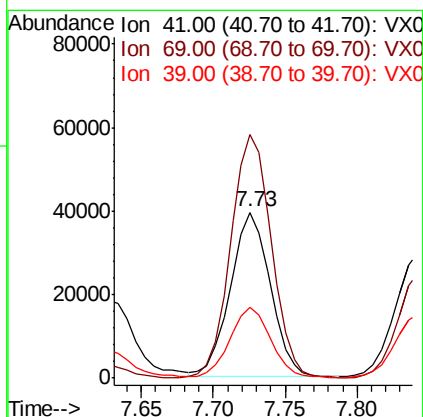
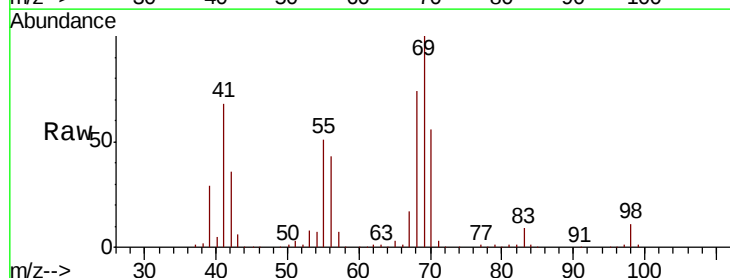
Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-03(10-12)

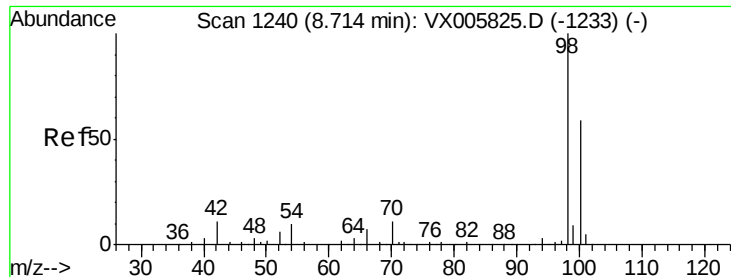
Tot Ion: 83 Resp: 9686
 Ion Ratio Lower Upper
 83 100
 85 114.5 50.2 75.4#
 127 0.0 6.9 10.3#



#48
 Methyl methacrylate
 Concen: 42.873 ug/l
 RT: 7.73 min Scan# 1078
 Delta R.T. -0.05 min
 Lab File: VX006100.D
 Acq: 19 Nov 2018 19:13

Tgt Ion: 41 Resp: 76268
 Ion Ratio Lower Upper
 41 100
 69 150.1 63.2 94.8#
 39 42.8 42.2 63.2

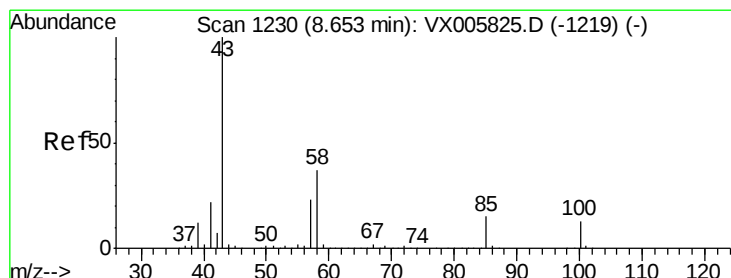
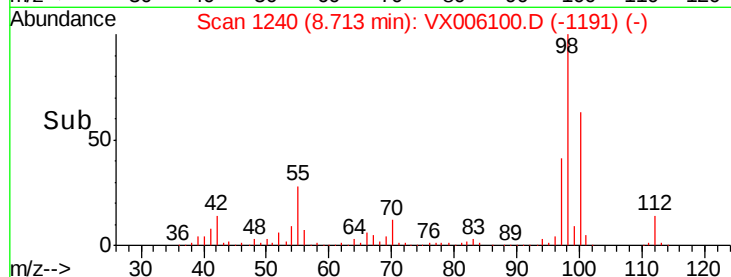
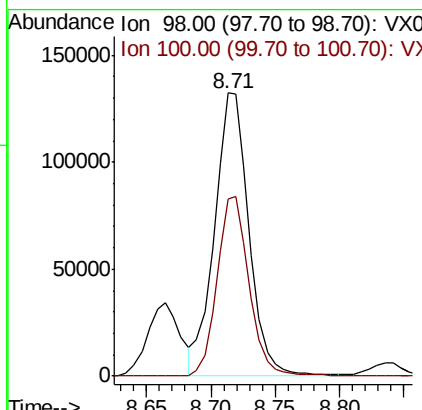
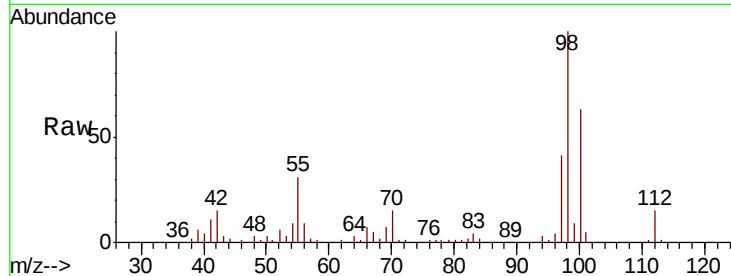




#50
Toluene-d8
Concen: 50.778 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006100.D
Acq: 19 Nov 2018 19:13

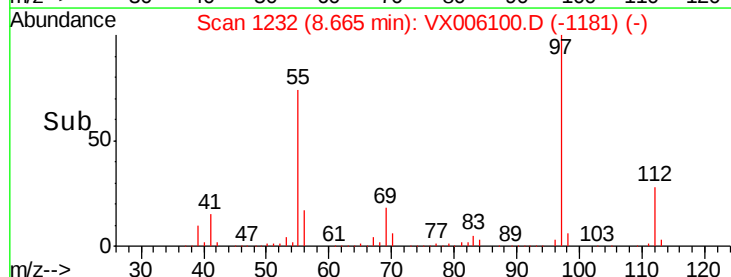
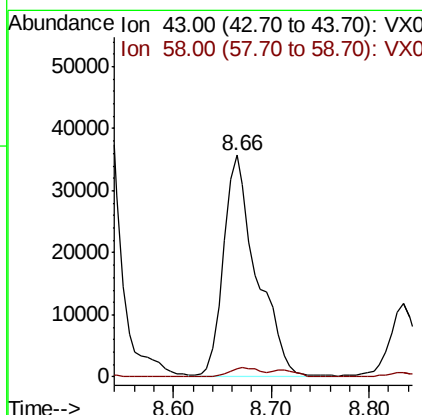
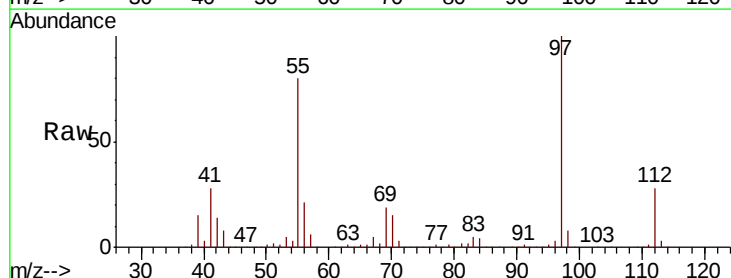
Instrument :
MSVOA_X
ClientSampleId :
FDSB-03(10-12)

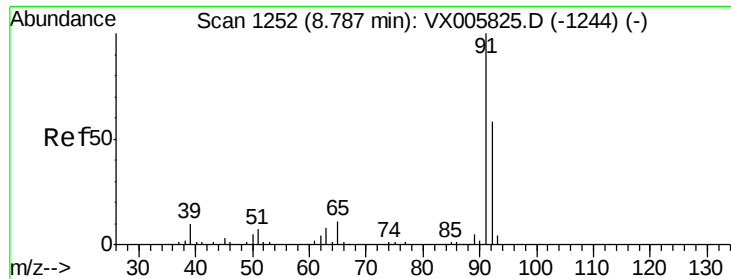
Tot Ion: 98 Resp: 247637
Ion Ratio Lower Upper
98 100
100 59.6 51.3 76.9



#51
4-Methyl-2-Pentanone
Concen: 33.225 ug/l
RT: 8.66 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VX006100.D
Acq: 19 Nov 2018 19:13

Tgt Ion: 43 Resp: 82958
Ion Ratio Lower Upper
43 100
58 3.9 29.7 44.5#





#52

Toluene

Concen: 3.183 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006100.D

Acq: 19 Nov 2018 19:13

Instrument :

MSVOA_X

ClientSampleId :

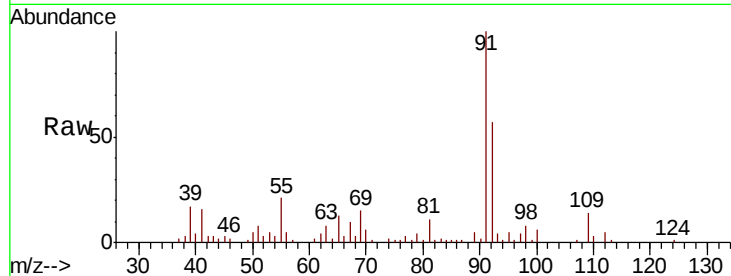
FDSB-03(10-12)

Tot Ion: 92 Resp: 10781

Ion Ratio Lower Upper

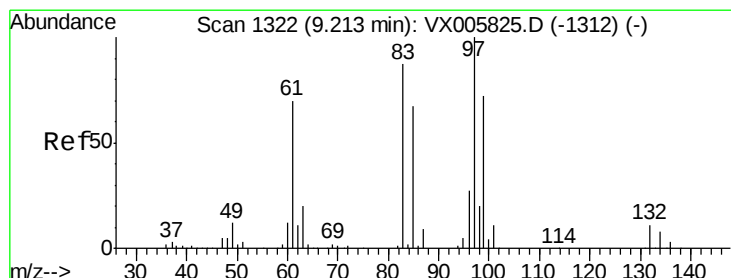
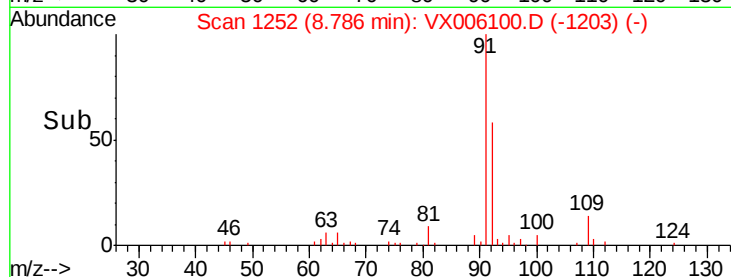
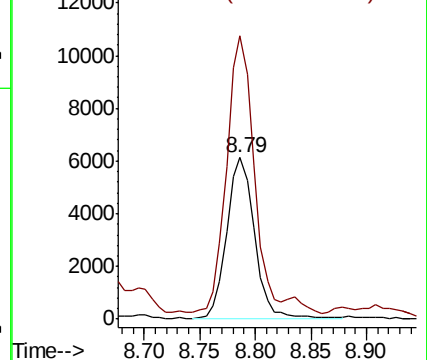
92 100

91 163.9 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#55

1,1,2-Trichloroethane

Concen: 150.483 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX006100.D

Acq: 19 Nov 2018 19:13

Tgt Ion: 97 Resp: 227190

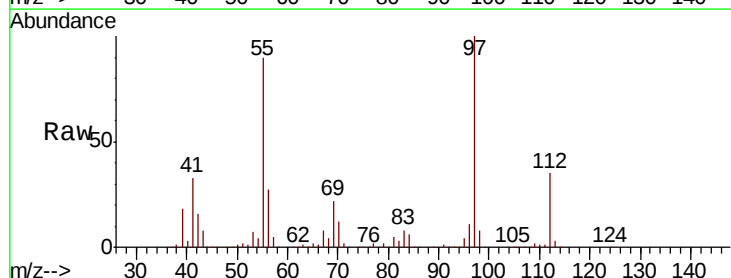
Ion Ratio Lower Upper

97 100

83 8.1 70.7 106.1#

85 0.3 45.8 68.6#

99 0.2 51.8 77.8#

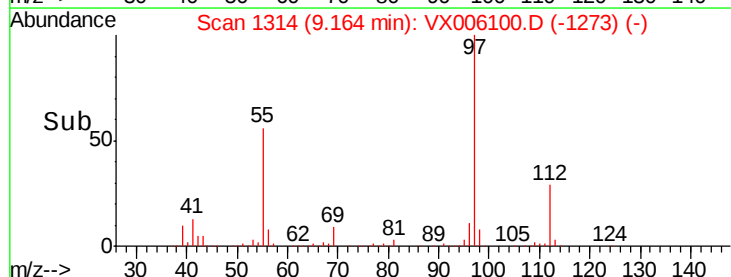
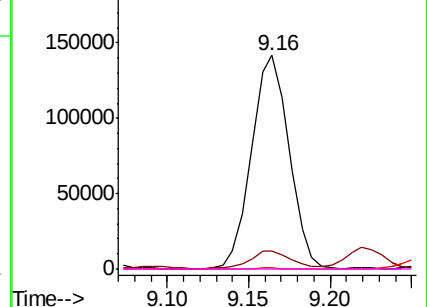


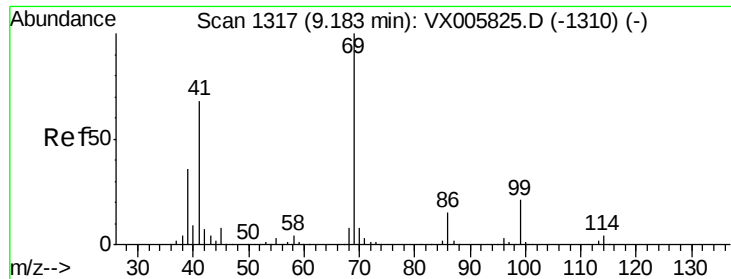
Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 7.453 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. 0.04 min

Lab File: VX006100.D

Acq: 19 Nov 2018 19:13

Instrument :

MSVOA_X

ClientSampled :

FDSB-03(10-12)

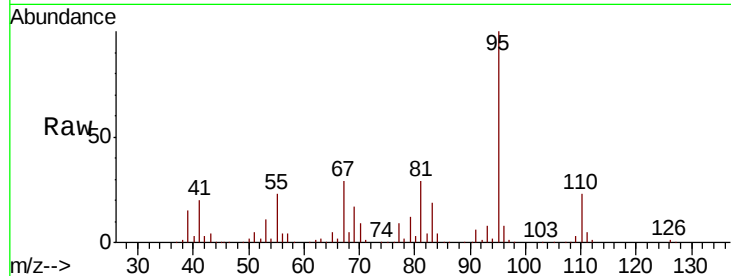
Tot Ion: 69 Resp: 16837

Ion Ratio Lower Upper

69 100

41 99.4 57.0 85.6#

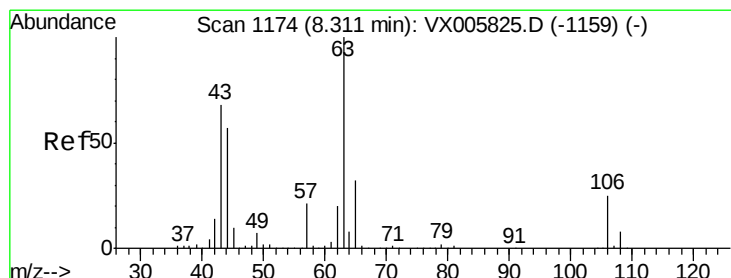
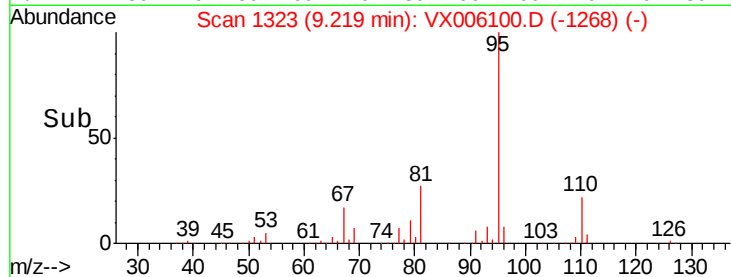
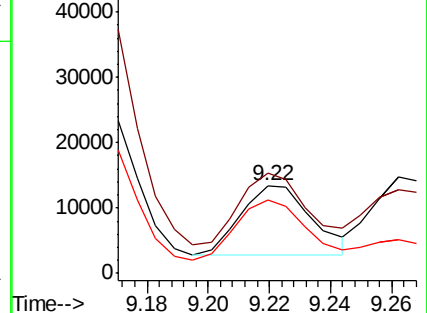
39 97.4 28.3 42.5#



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: 9.428 ug/l

RT: 8.34 min Scan# 1179

Delta R.T. 0.03 min

Lab File: VX006100.D

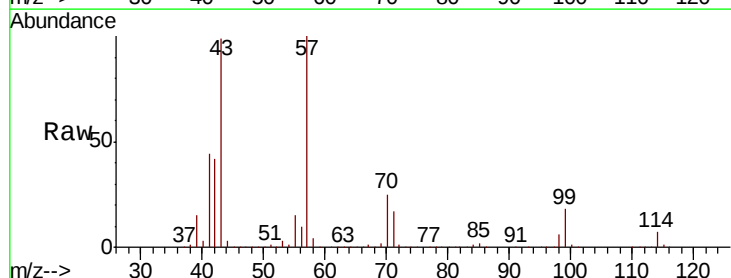
Acq: 19 Nov 2018 19:13

Tgt Ion: 63 Resp: 1464

Ion Ratio Lower Upper

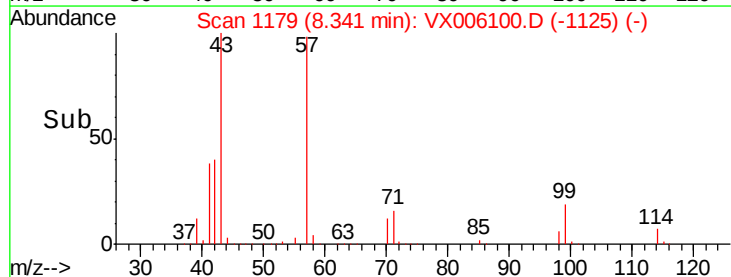
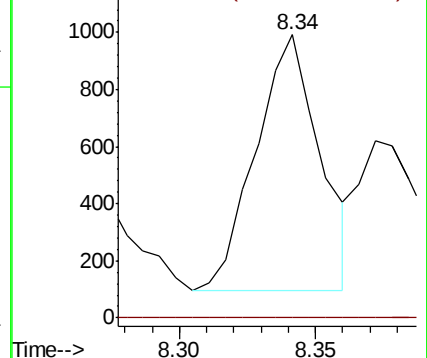
63 100

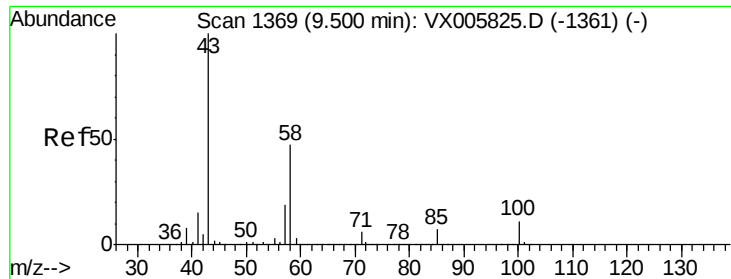
106 0.0 21.3 31.9#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

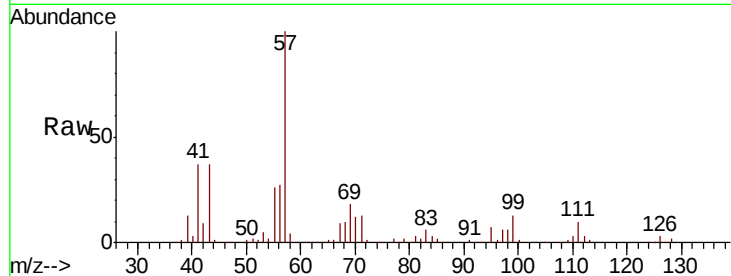




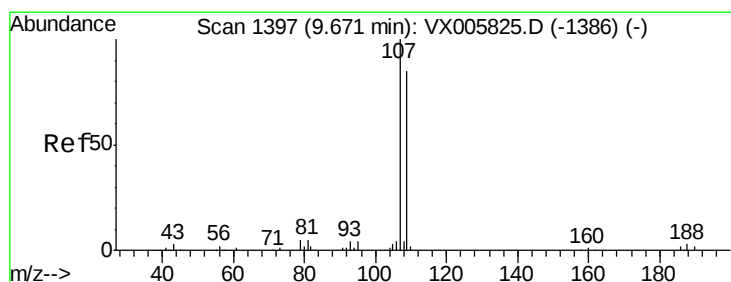
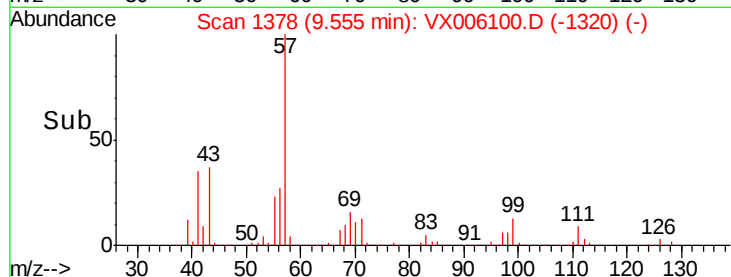
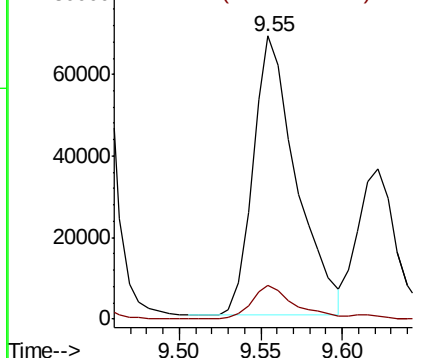
#59
2-Hexanone
Concen: 57.136 ug/l
RT: 9.55 min Scan# 1378
Delta R.T. 0.05 min
Lab File: VX006100.D
Acq: 19 Nov 2018 19:13

Instrument :
MSVOA_X
ClientSampleId :
FDSB-03(10-12)

Tot Ion: 43 Resp: 125750
Ion Ratio Lower Upper
43 100
58 12.1 25.9 77.8#

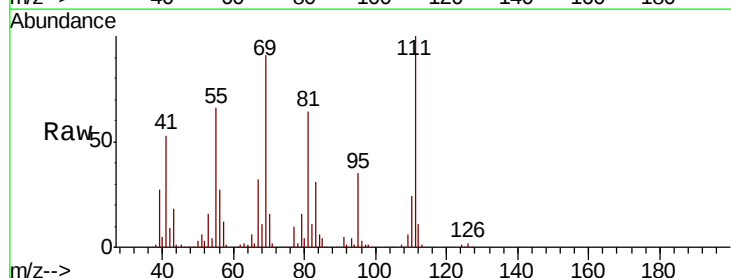


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

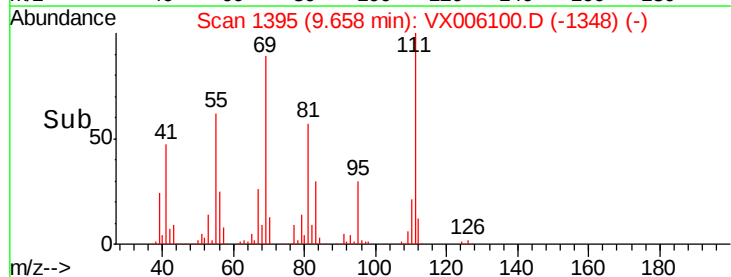
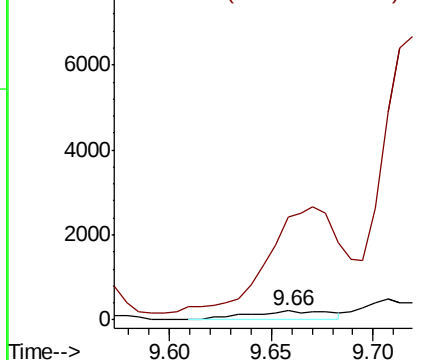


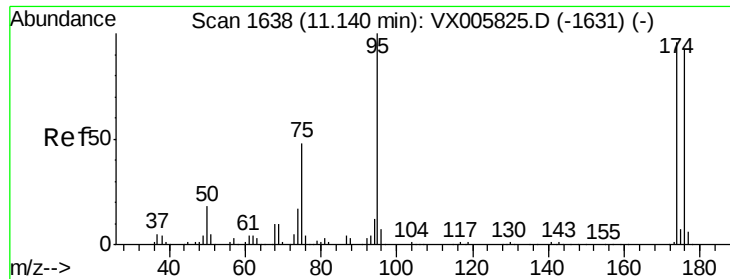
#61
1,2-Dibromoethane
Concen: 0.350 ug/l
RT: 9.66 min Scan# 1395
Delta R.T. -0.01 min
Lab File: VX006100.D
Acq: 19 Nov 2018 19:13

Tgt Ion:107 Resp: 585
Ion Ratio Lower Upper
107 100
109 1138.5 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: 56.539 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006100.D

Acq: 19 Nov 2018 19:13

Instrument :

MSVOA_X

ClientSampleId :

FDSB-03(10-12)

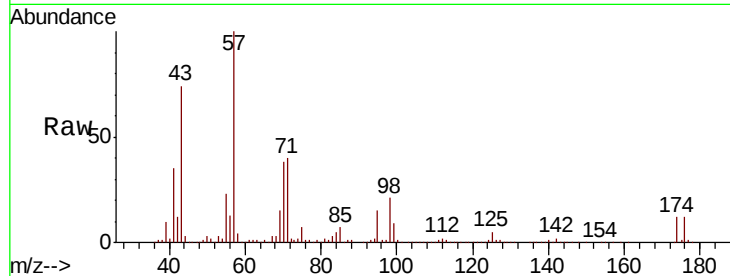
Tot Ion: 95 Resp: 99136

Ion Ratio Lower Upper

95 100

174 77.8 0.0 184.4

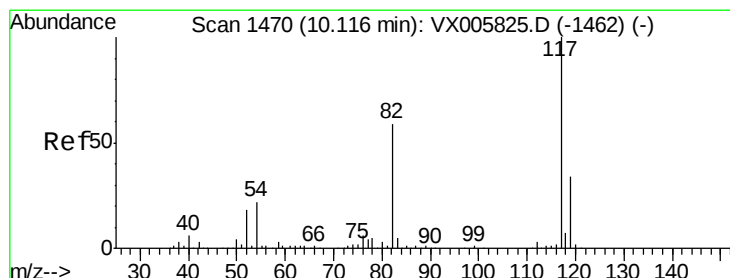
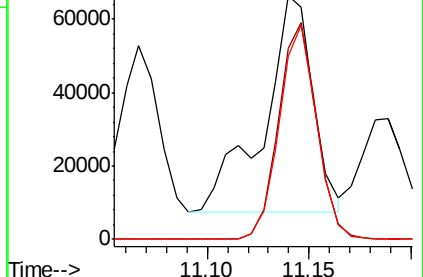
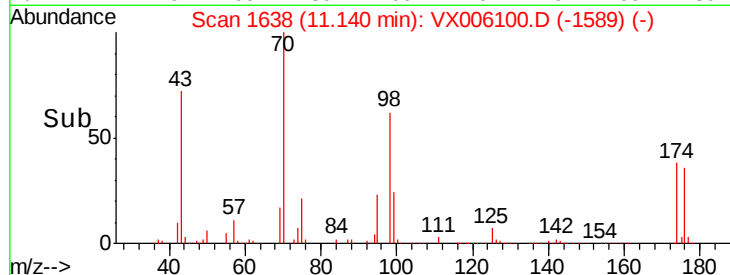
176 75.3 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VX006100.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX006100.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX006100.D (-1589) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1471

Delta R.T. 0.01 min

Lab File: VX006100.D

Acq: 19 Nov 2018 19:13

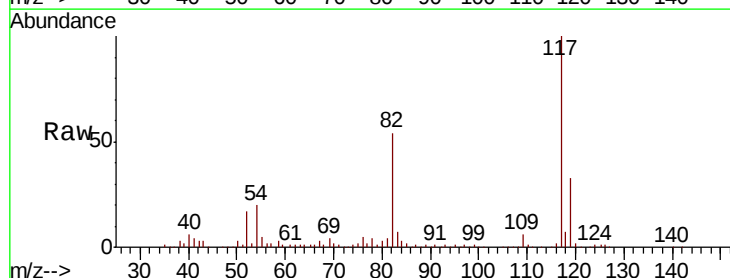
Tgt Ion: 117 Resp: 165816

Ion Ratio Lower Upper

117 100

82 50.5 44.1 66.1

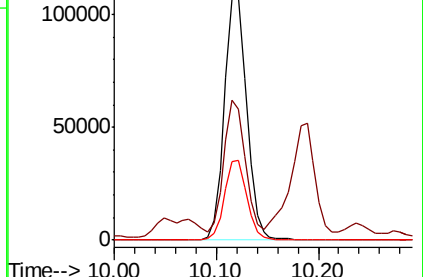
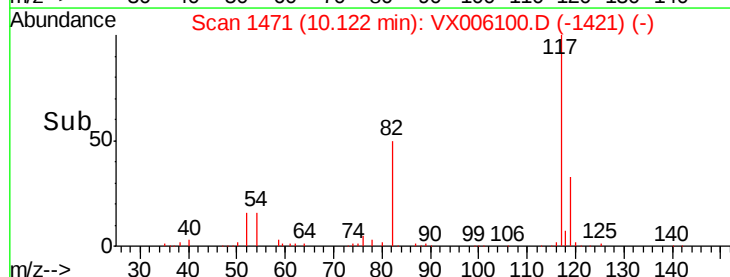
119 32.8 26.2 39.2

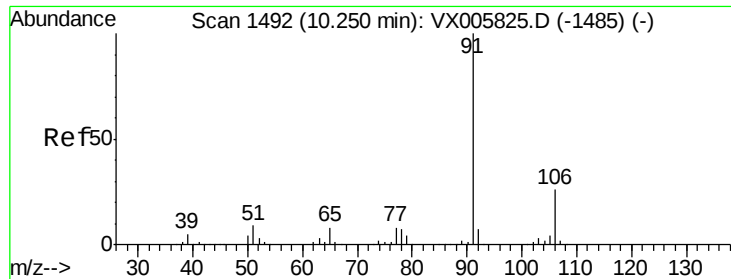


Abundance Ion 116.90 (116.60 to 117.60): VX006100.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX006100.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX006100.D (-1421) (-)

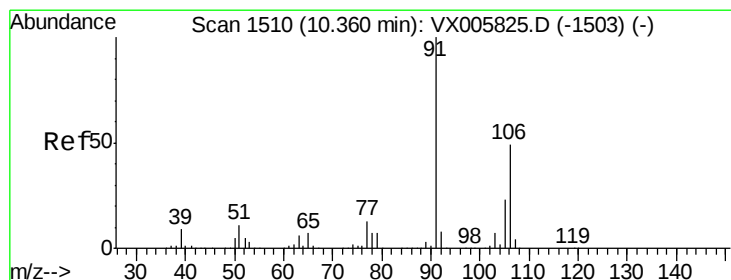
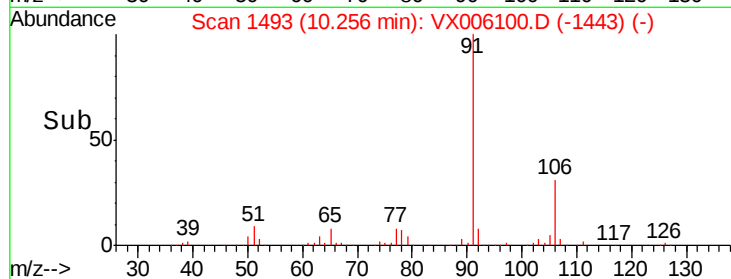
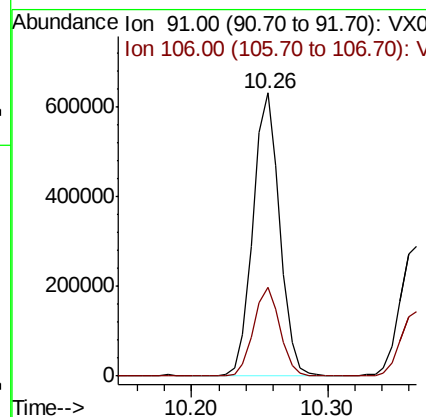
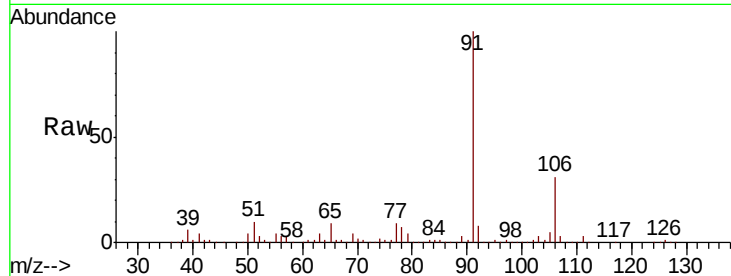




#67
Ethyl Benzene
Concen: 162.506 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VX006100.D
Acq: 19 Nov 2018 19:13

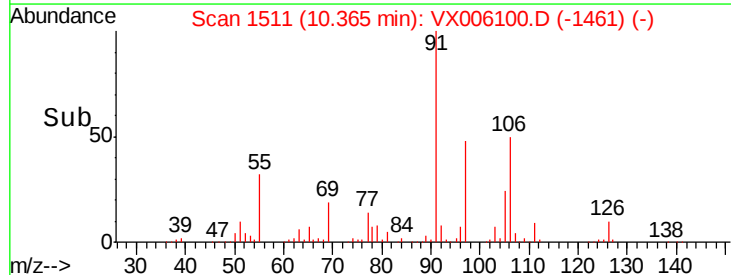
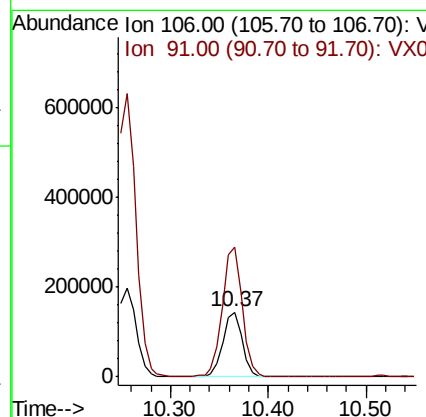
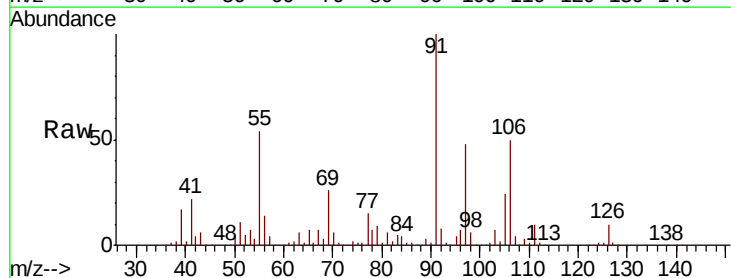
Instrument :
MSVOA_X
ClientSampleId :
FDSB-03(10-12)

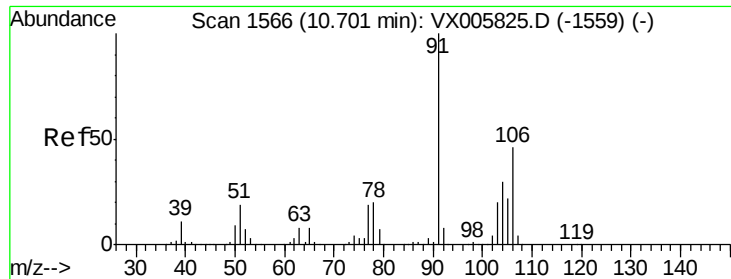
Tot Ion: 91 Resp: 865606
Ion Ratio Lower Upper
91 100
106 31.3 24.4 36.6



#68
m/p-Xylenes
Concen: 97.937 ug/l
RT: 10.37 min Scan# 1511
Delta R.T. 0.01 min
Lab File: VX006100.D
Acq: 19 Nov 2018 19:13

Tgt Ion: 106 Resp: 198987
Ion Ratio Lower Upper
106 100
91 202.4 164.2 246.4

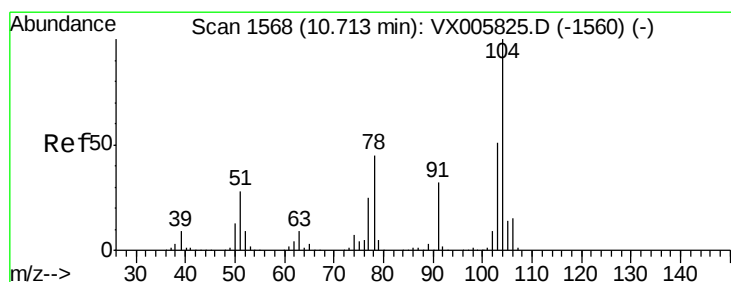
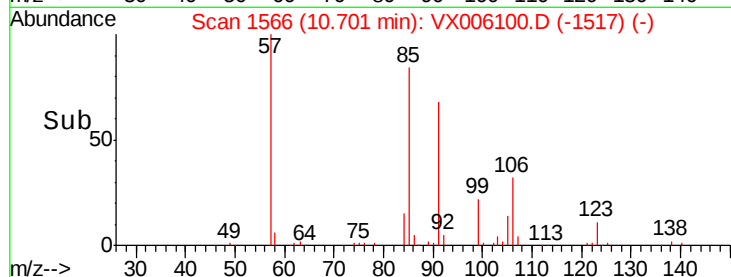
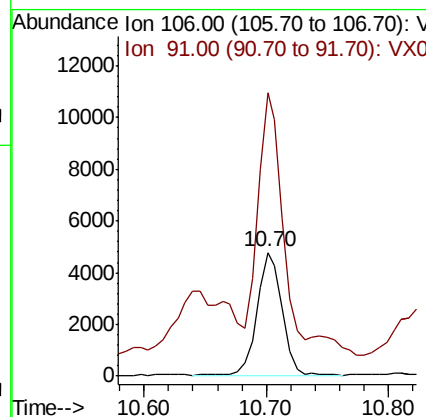
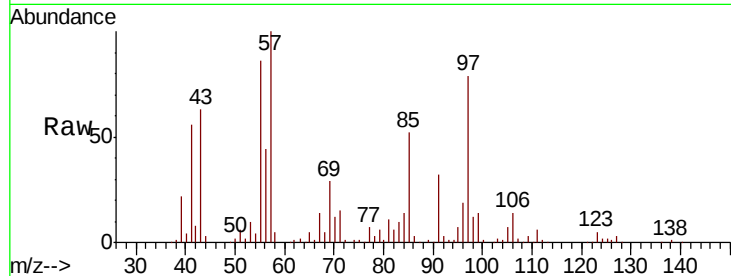




#69
o-Xylene
Concen: 3.844 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006100.D
Acq: 19 Nov 2018 19:13

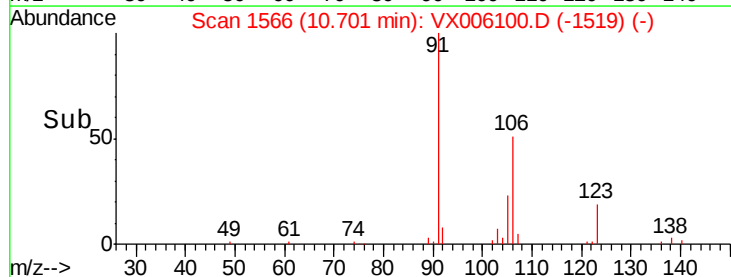
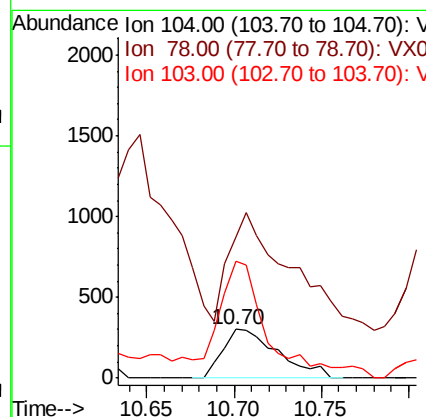
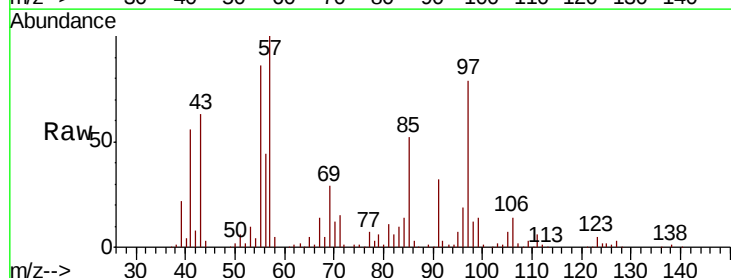
Instrument :
MSVOA_X
ClientSampleId :
FDSB-03(10-12)

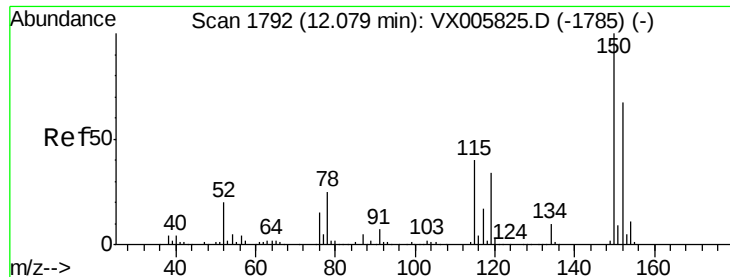
Tot Ion:106 Resp: 7004
Ion Ratio Lower Upper
106 100
91 175.7 108.5 325.5



#70
Styrene
Concen: 0.221 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX006100.D
Acq: 19 Nov 2018 19:13

Tgt Ion:104 Resp: 664
Ion Ratio Lower Upper
104 100
78 281.2 40.2 60.4#
103 214.3 44.9 67.3#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1793

Delta R.T. 0.01 min

Lab File: VX006100.D

Acq: 19 Nov 2018 19:13

Instrument :

MSVOA_X

ClientSampleId :

FDSB-03(10-12)

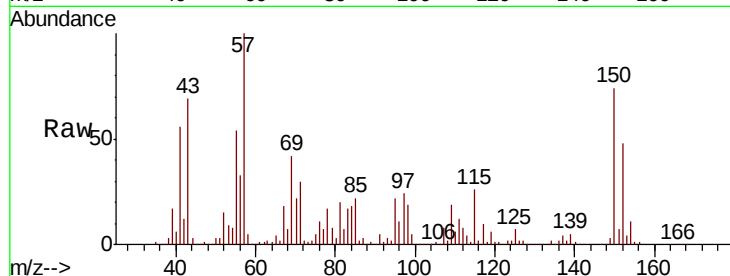
Tot Ion:152 Resp: 98466

Ion Ratio Lower Upper

152 100

115 57.8 39.4 118.1

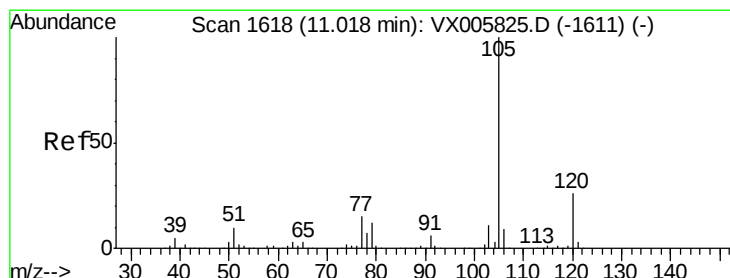
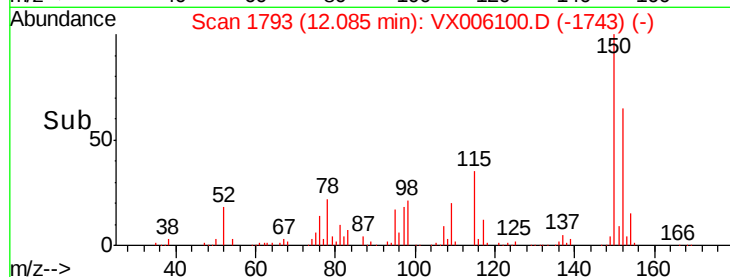
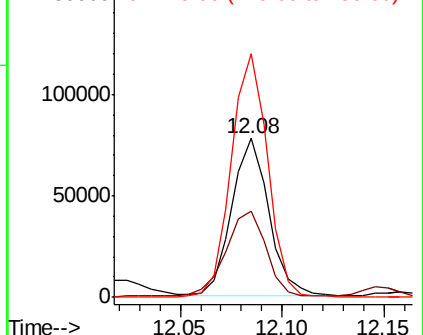
150 150.1 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 45.777 ug/l

RT: 11.02 min Scan# 1619

Delta R.T. 0.01 min

Lab File: VX006100.D

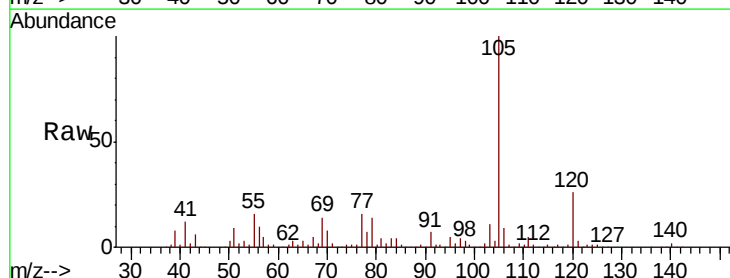
Acq: 19 Nov 2018 19:13

Tgt Ion:105 Resp: 260660

Ion Ratio Lower Upper

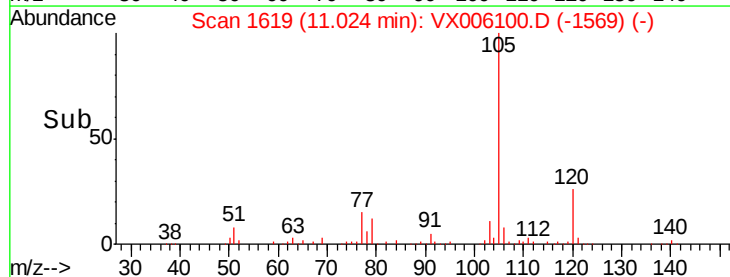
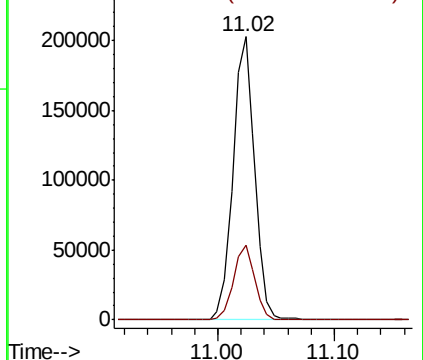
105 100

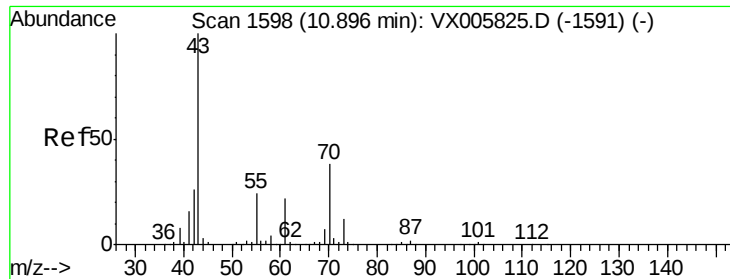
120 26.3 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 64.775 ug/l

RT: 10.91 min Scan# 1601

Delta R.T. 0.02 min

Lab File: VX006100.D

Acq: 19 Nov 2018 19:13

Instrument :

MSVOA_X

ClientSampleId :

FDSB-03(10-12)

Tot Ion: 43 Resp: 208164

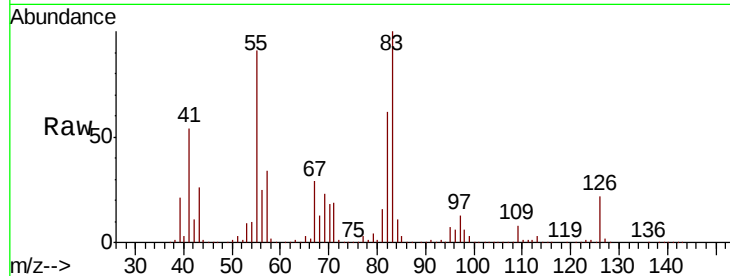
Ion Ratio Lower Upper

43 100

70 81.9 31.6 47.4#

55 317.0 19.7 29.5#

61 0.2 18.3 27.5#

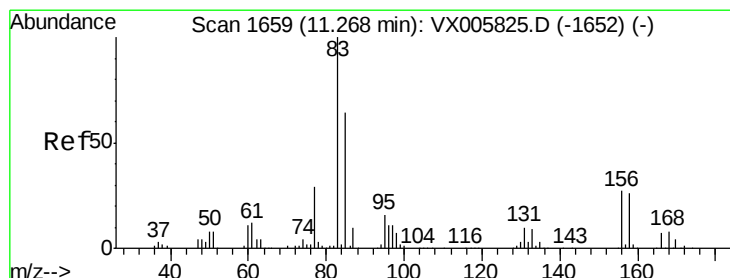
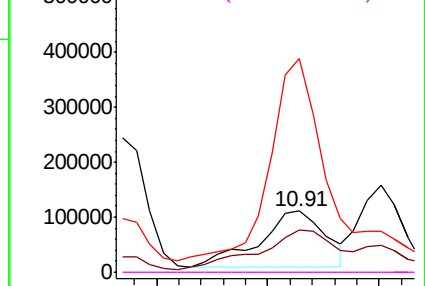
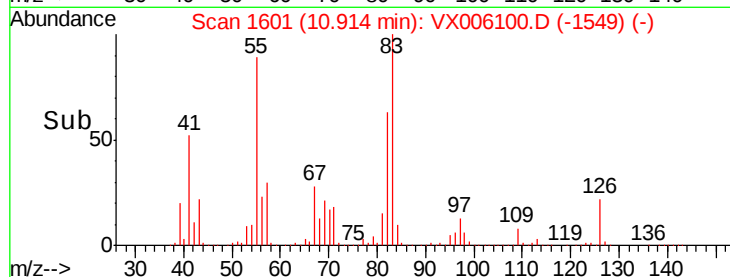


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 58.460 ug/l

RT: 11.28 min Scan# 1661

Delta R.T. 0.01 min

Lab File: VX006100.D

Acq: 19 Nov 2018 19:13

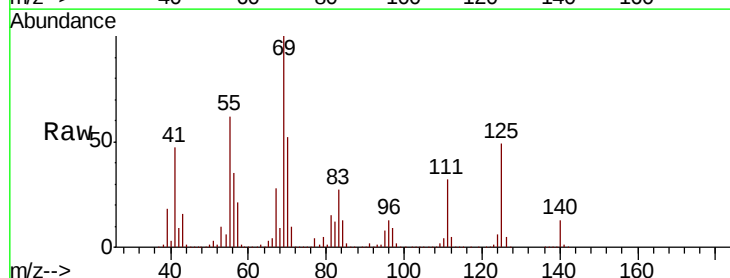
Tgt Ion: 83 Resp: 122182

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

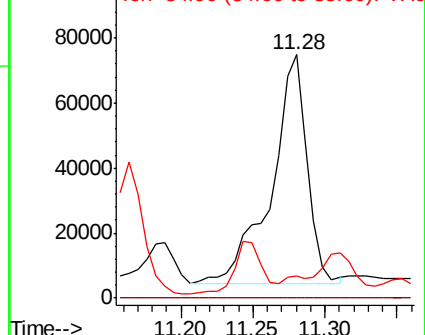
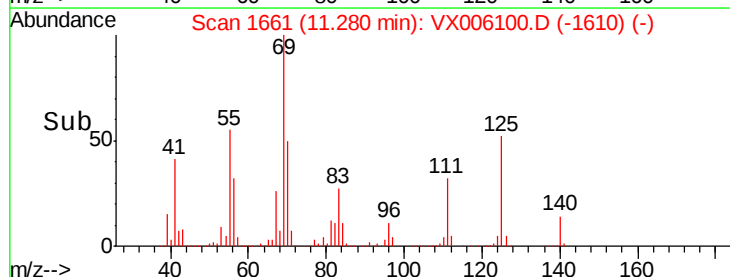
85 0.0 32.0 96.2#

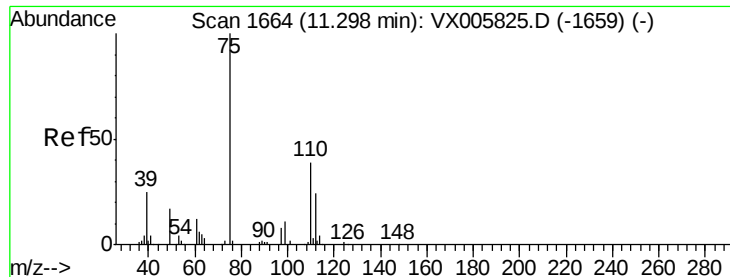


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 1.969 ug/l

RT: 11.37 min Scan# 1675

Delta R.T. 0.07 min

Lab File: VX006100.D

Acq: 19 Nov 2018 19:13

Instrument :

MSVOA_X

ClientSampleId :

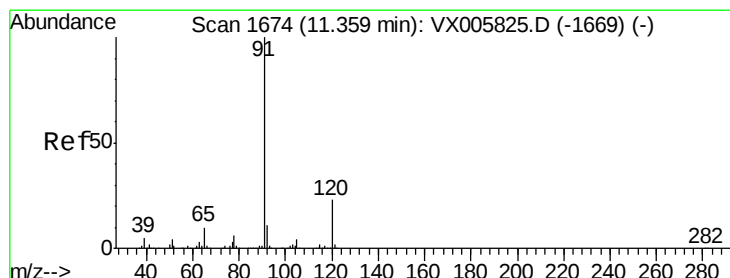
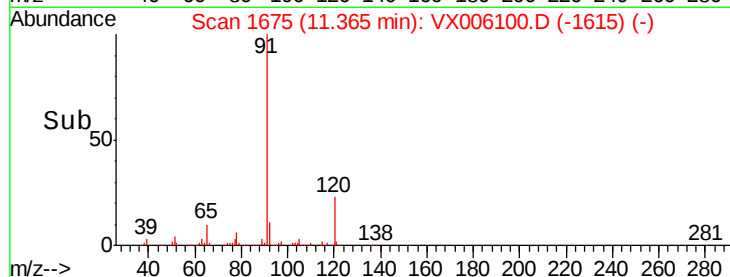
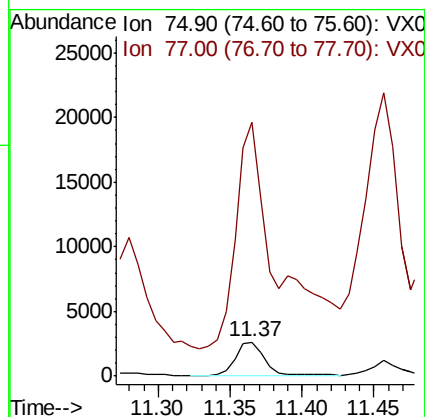
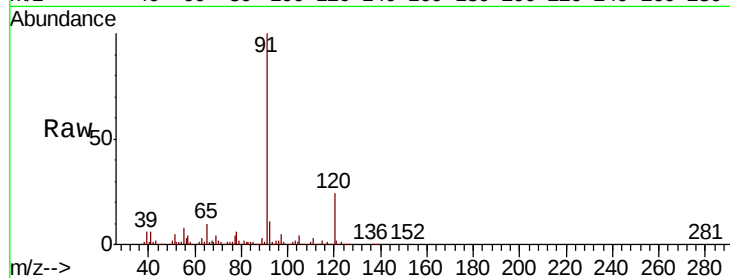
FDSB-03(10-12)

Tot Ion: 75 Resp: 3947

Ion Ratio Lower Upper

75 100

77 623.9 20.5 61.6#



#78

n-propylbenzene

Concen: 90.343 ug/l

RT: 11.37 min Scan# 1675

Delta R.T. 0.01 min

Lab File: VX006100.D

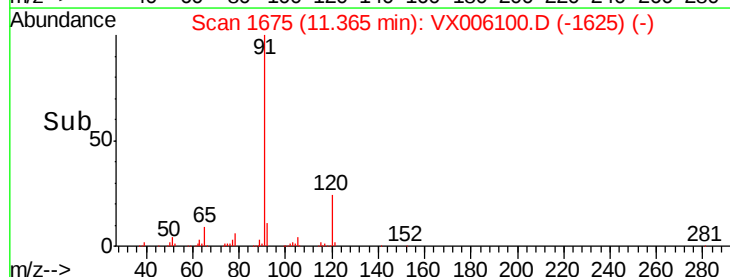
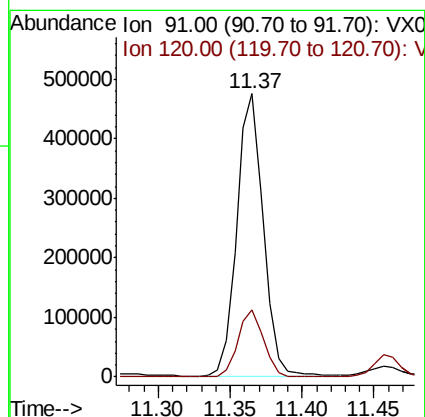
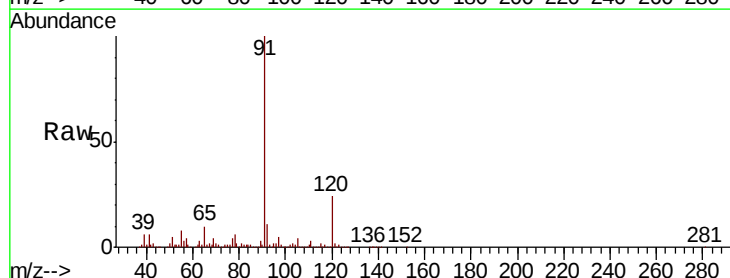
Acq: 19 Nov 2018 19:13

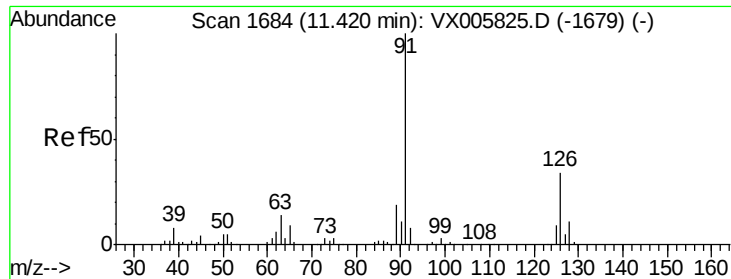
Tgt Ion: 91 Resp: 606273

Ion Ratio Lower Upper

91 100

120 22.9 11.9 35.5

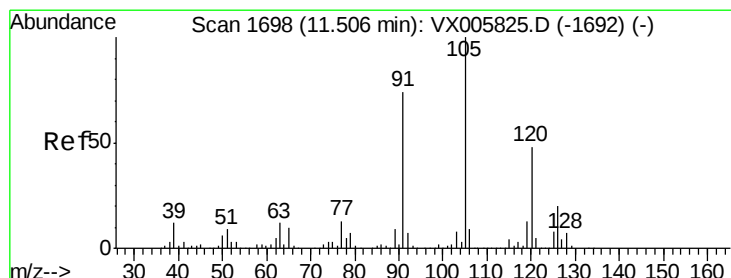
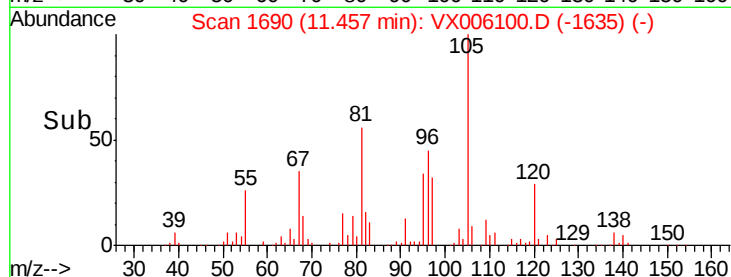
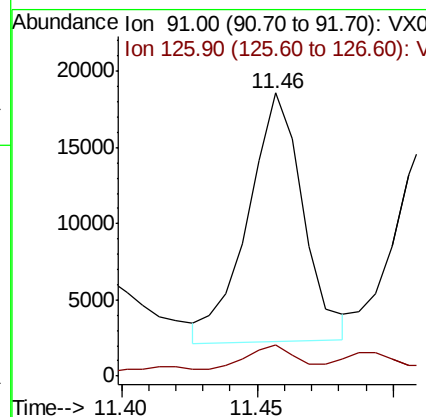
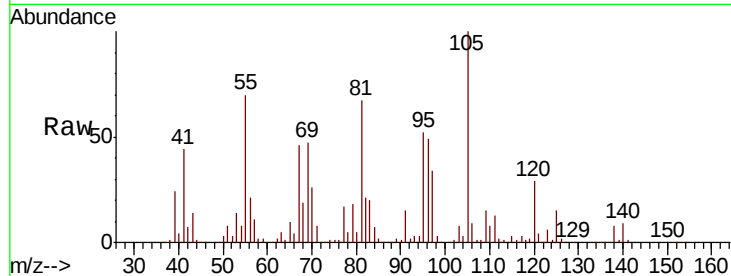




#79
 2-Chlorotoluene
 Concen: 5.693 ug/l
 RT: 11.46 min Scan# 1690
 Delta R.T. 0.04 min
 Lab File: VX006100.D
 Acq: 19 Nov 2018 19:13

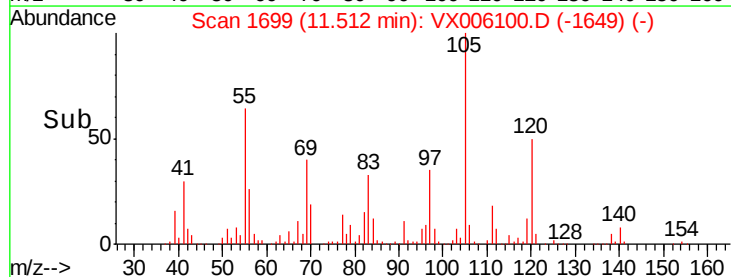
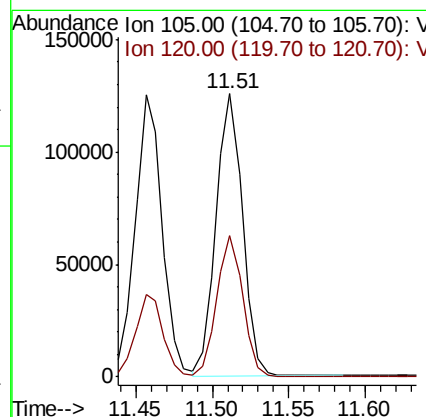
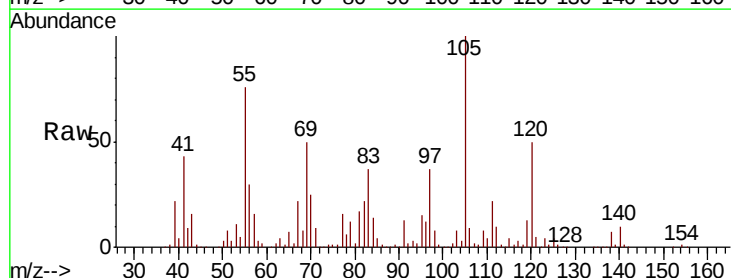
Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-03(10-12)

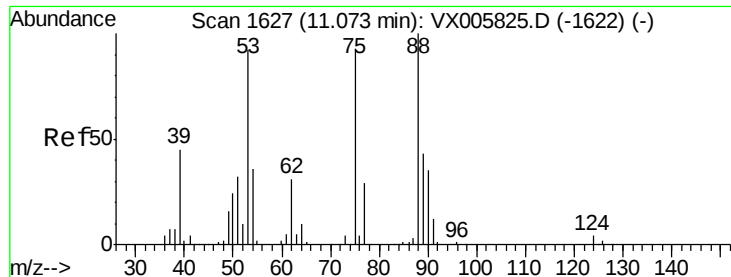
Tot Ion: 91 Resp: 23093
 Ion Ratio Lower Upper
 91 100
 126 8.5 17.3 52.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 31.256 ug/l
 RT: 11.51 min Scan# 1699
 Delta R.T. 0.01 min
 Lab File: VX006100.D
 Acq: 19 Nov 2018 19:13

Tgt Ion: 105 Resp: 151243
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 5.392 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.06 min

Lab File: VX006100.D

Acq: 19 Nov 2018 19:13

Instrument :

MSVOA_X

ClientSampleId :

FDSB-03(10-12)

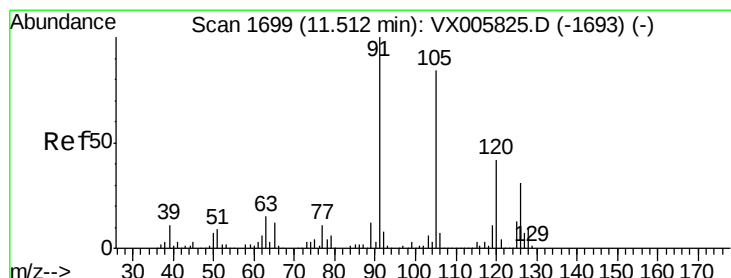
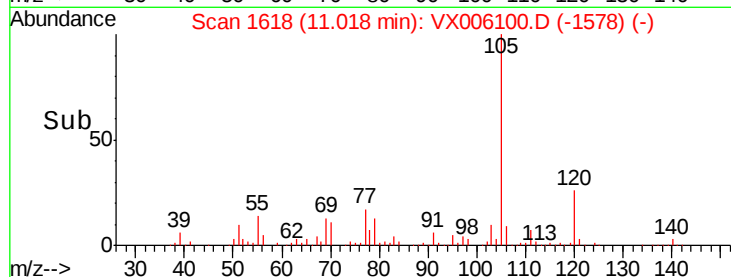
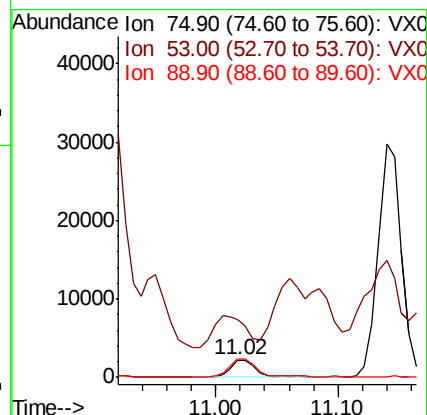
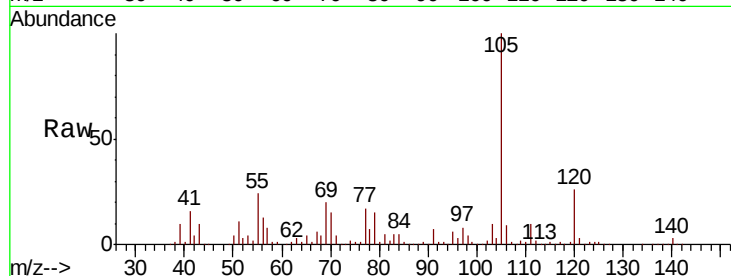
Tot Ion: 75 Resp: 3392

Ion Ratio Lower Upper

75 100

53 225.0 80.2 120.2#

89 102.6 39.8 59.8#



#82

4-Chlorotoluene

Concen: 3.892 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. 0.26 min

Lab File: VX006100.D

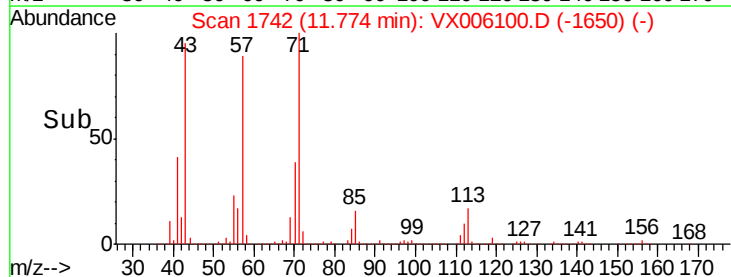
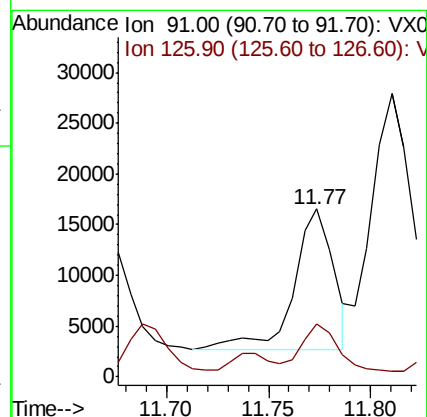
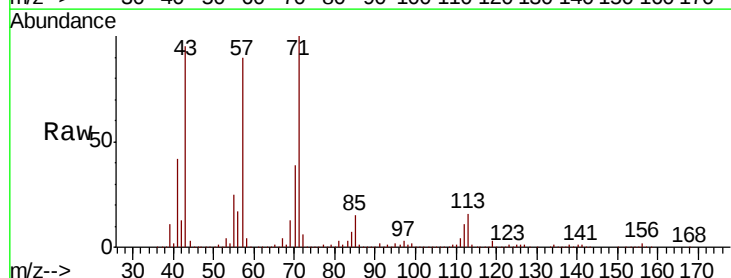
Acq: 19 Nov 2018 19:13

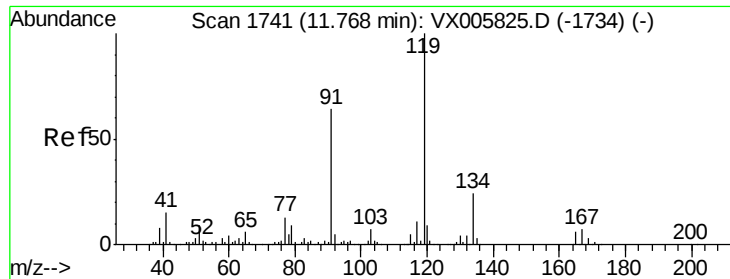
Tgt Ion: 91 Resp: 18606

Ion Ratio Lower Upper

91 100

126 21.5 15.2 45.6





#83

tert-Butylbenzene

Concen: 5.459 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. 0.01 min

Lab File: VX006100.D

Acq: 19 Nov 2018 19:13

Instrument :

MSVOA_X

ClientSampleId :

FDSB-03(10-12)

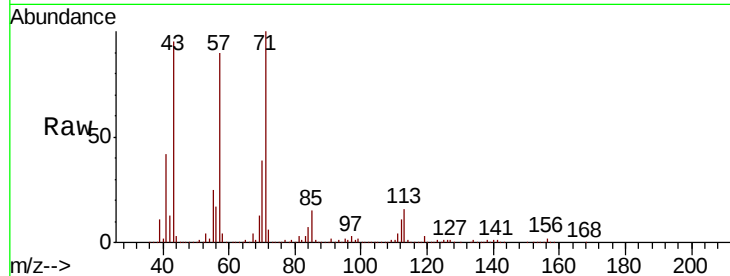
Tot Ion:119 Resp: 26724

Ion Ratio Lower Upper

119 100

91 75.5 28.5 85.5

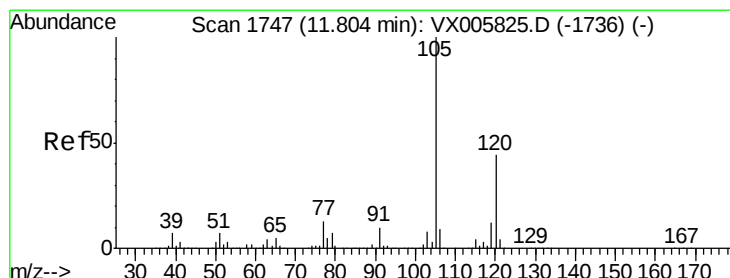
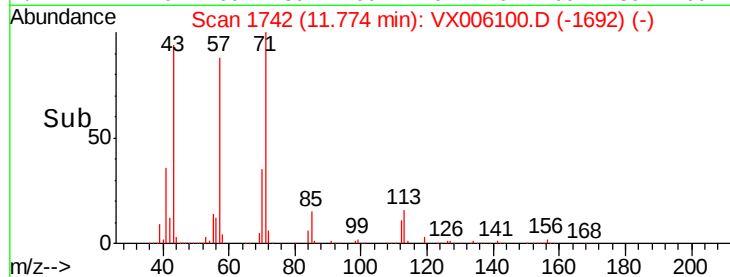
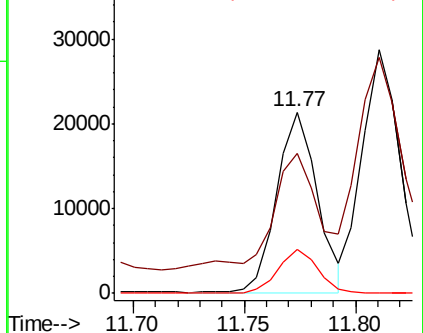
134 24.5 11.3 33.8



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: 51.751 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VX006100.D

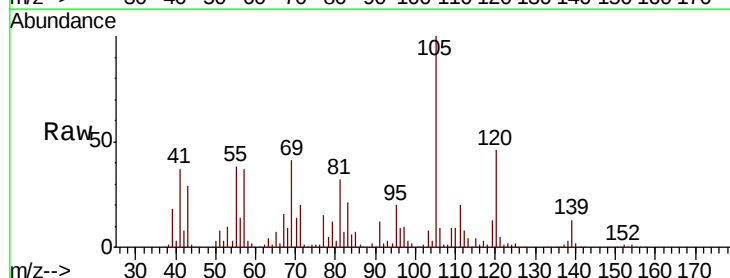
Acq: 19 Nov 2018 19:13

Tgt Ion:105 Resp: 276332

Ion Ratio Lower Upper

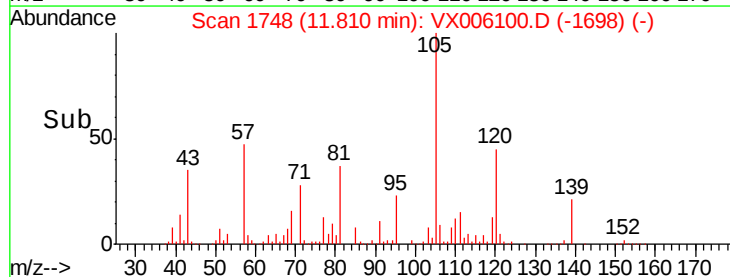
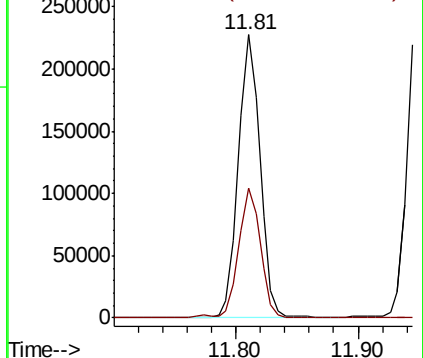
105 100

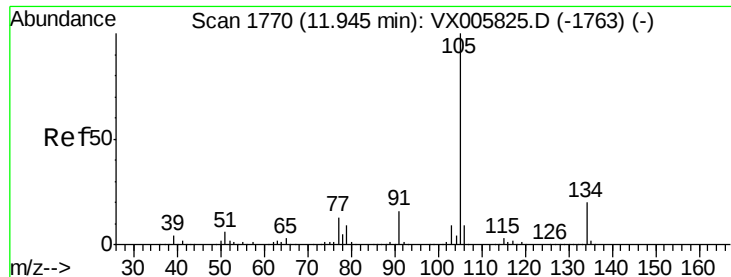
120 46.8 22.4 67.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

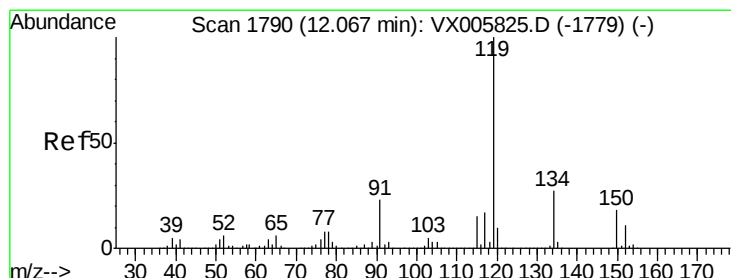
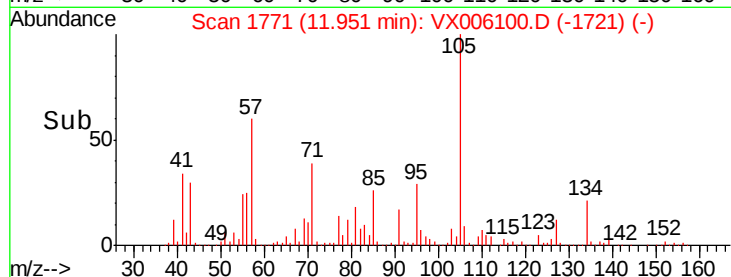
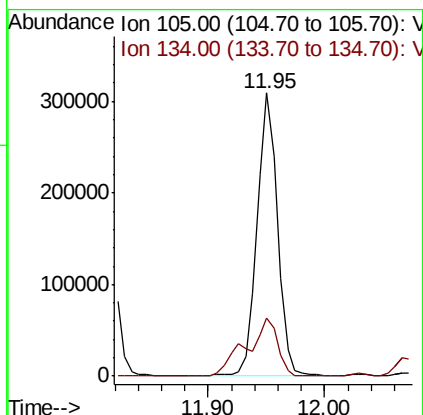
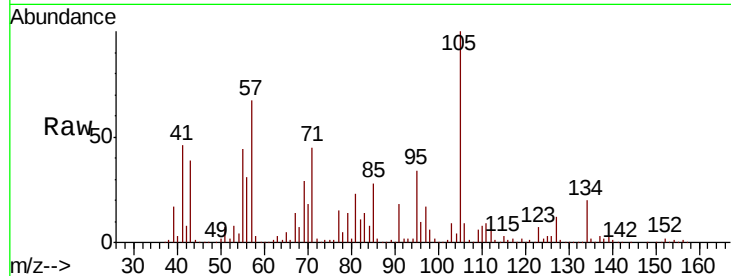




#85
 sec-Butylbenzene
 Concen: 62.911 ug/l
 RT: 11.95 min Scan# 1771
 Delta R.T. 0.01 min
 Lab File: VX006100.D
 Acq: 19 Nov 2018 19:13

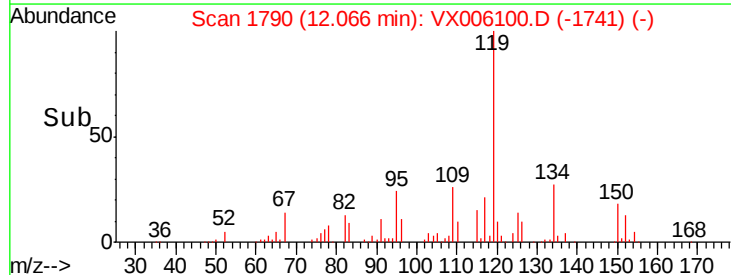
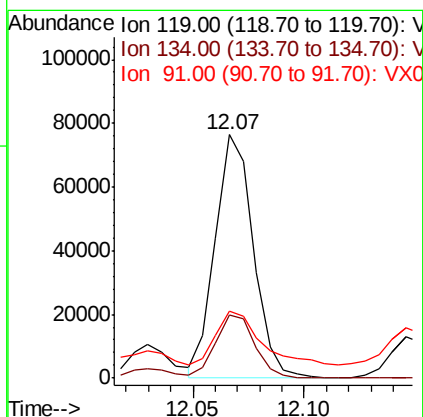
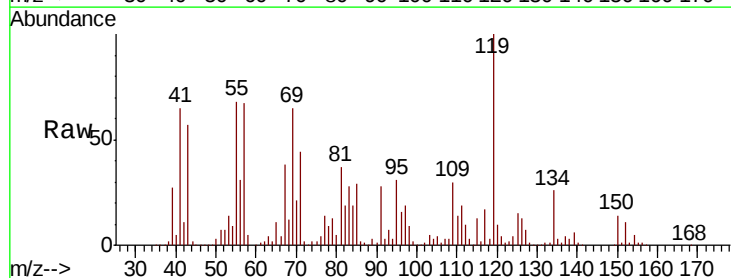
Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-03(10-12)

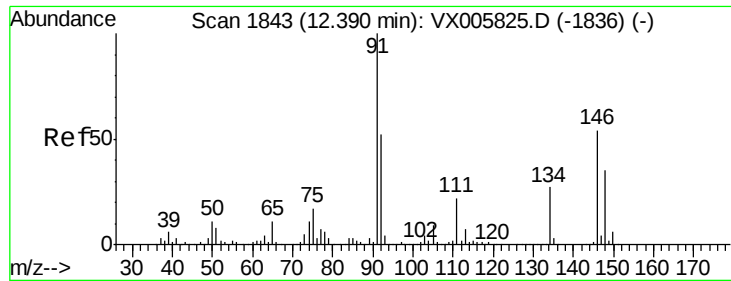
Tot Ion:105 Resp: 376605
 Ion Ratio Lower Upper
 105 100
 134 31.7 10.2 30.4#



#86
 p-Isopropyltoluene
 Concen: 16.991 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX006100.D
 Acq: 19 Nov 2018 19:13

Tgt Ion:119 Resp: 90093
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.0 39.0
 91 25.7 11.4 34.2

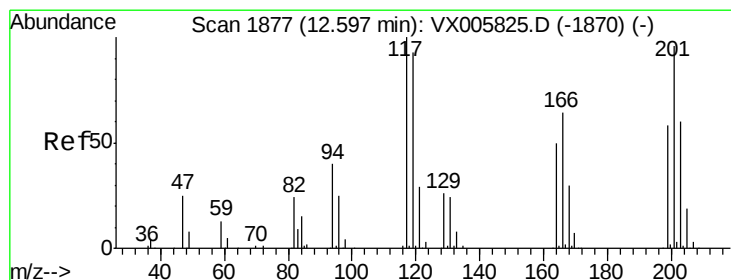
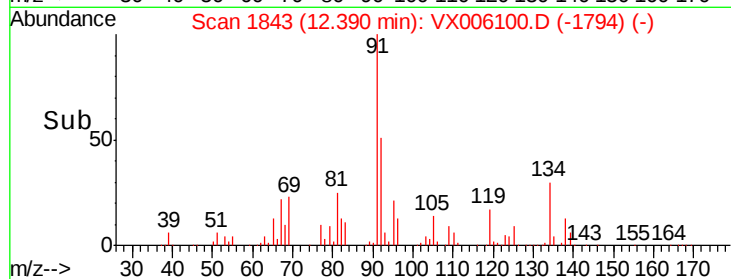
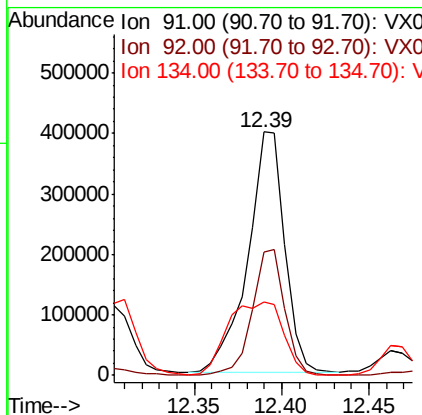
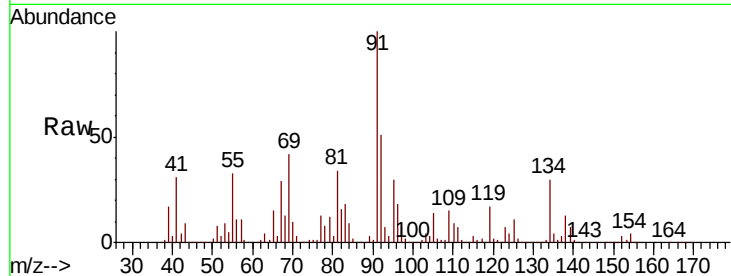




#89
n-Butylbenzene
Concen: 118.780 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006100.D
Acq: 19 Nov 2018 19:13

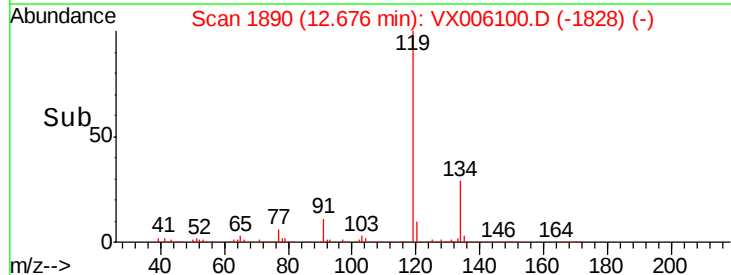
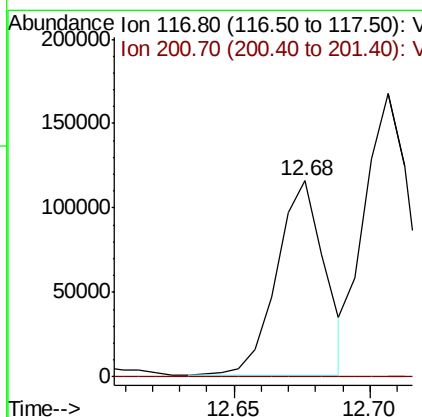
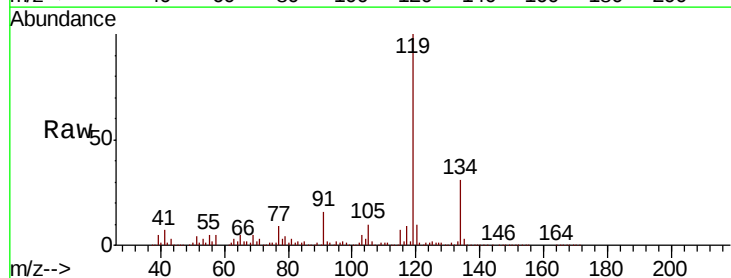
Instrument :
MSVOA_X
ClientSampleId :
FDSB-03(10-12)

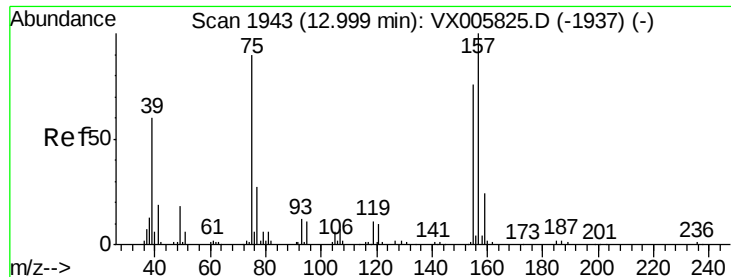
Tot Ion: 91 Resp: 583737
Ion Ratio Lower Upper
91 100
92 45.6 26.1 78.2
134 45.4 13.1 39.3#



#90
Hexachloroethane
Concen: 158.593 ug/l
RT: 12.68 min Scan# 1890
Delta R.T. 0.08 min
Lab File: VX006100.D
Acq: 19 Nov 2018 19:13

Tgt Ion: 117 Resp: 140401
Ion Ratio Lower Upper
117 100
201 0.0 47.9 143.6#





#92

1,2-Dibromo-3-Chloropropane

Concen: 3.078 ug/l

RT: 13.02 min Scan# 1947

Delta R.T. 0.02 min

Lab File: VX006100.D

Acq: 19 Nov 2018 19:13

Instrument :

MSVOA_X

ClientSampleId :

FDSB-03(10-12)

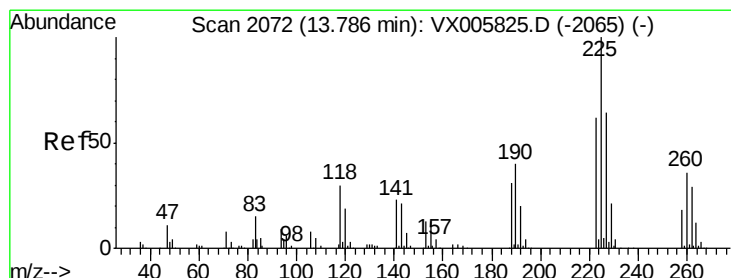
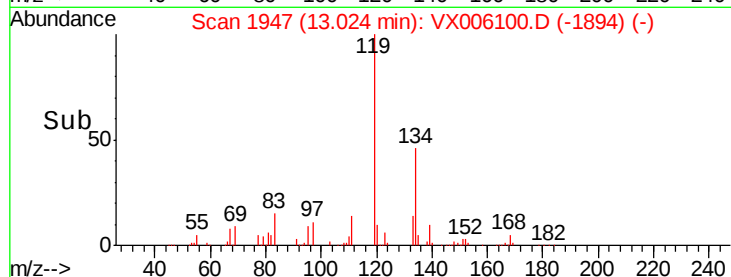
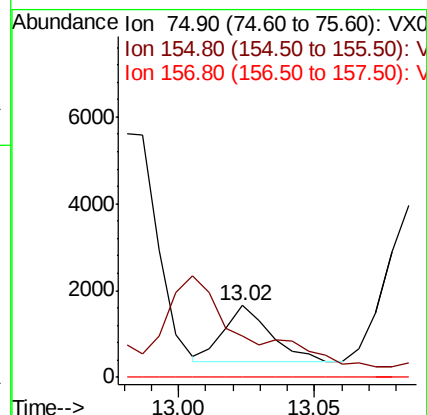
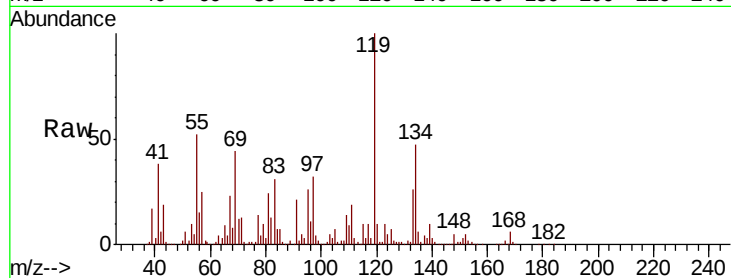
Tot Ion: 75 Resp: 1570

Ion Ratio Lower Upper

75 100

155 243.3 45.4 136.1#

157 0.0 57.4 172.0#



#94

Hexachlorobutadiene

Concen: 0.202 ug/l

RT: 13.79 min Scan# 2072

Delta R.T. -0.00 min

Lab File: VX006100.D

Acq: 19 Nov 2018 19:13

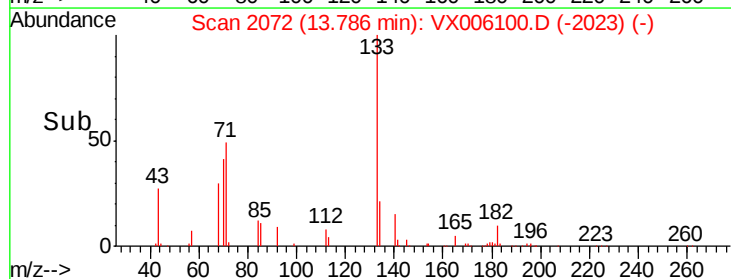
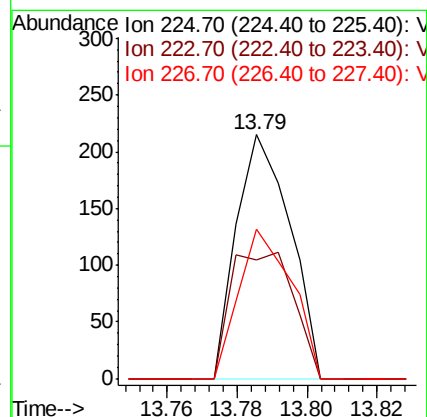
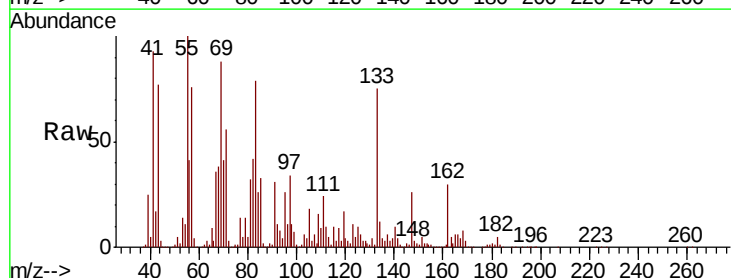
Tgt Ion: 225 Resp: 230

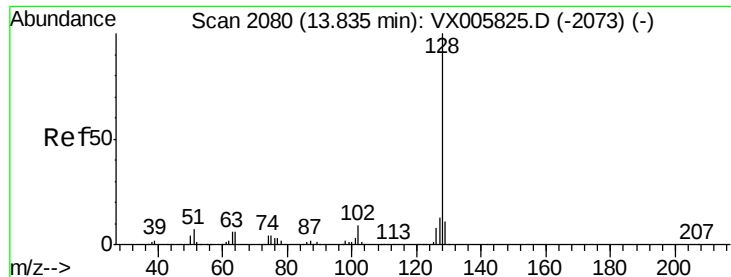
Ion Ratio Lower Upper

225 100

223 60.4 31.7 95.1

227 60.0 32.3 96.9

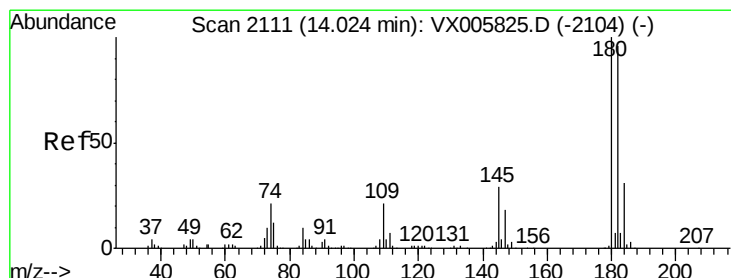
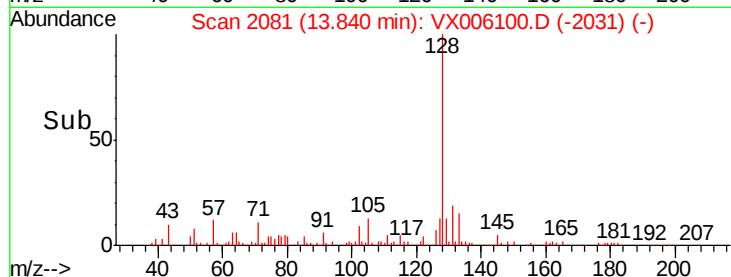
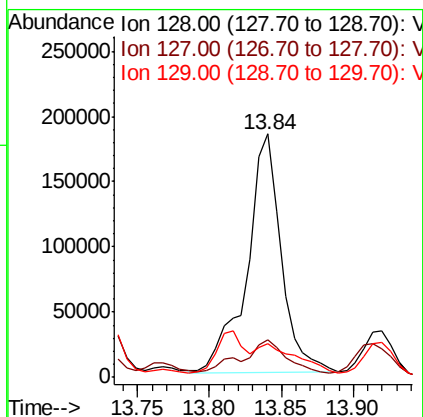
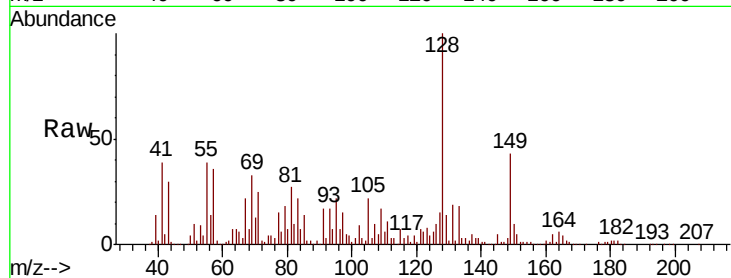




#95
Naphthalene
Concen: 42.789 ug/l
RT: 13.84 min Scan# 2081
Delta R.T. 0.01 min
Lab File: VX006100.D
Acq: 19 Nov 2018 19:13

Instrument :
MSVOA_X
ClientSampleId :
FDSB-03(10-12)

Tot Ion:128 Resp: 301890
Ion Ratio Lower Upper
128 100
127 19.2 10.4 15.6#
129 0.0 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 6.321 ug/l
RT: 14.04 min Scan# 2114
Delta R.T. 0.02 min
Lab File: VX006100.D
Acq: 19 Nov 2018 19:13

Tgt Ion:180 Resp: 13989
Ion Ratio Lower Upper
180 100
182 21.2 48.0 144.2#
145 1502.6 15.1 45.3#

