

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111418\
 Data File : VD060384.D
 Acq On : 14 Nov 2018 17:38
 Operator : JC/SY
 Sample : J5918-04MSD
 Misc : 5.07g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-05(25-27)MSD

Quant Time: Nov 15 05:42:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 06 13:56:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	1632640	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	7.42	114	2211465	50.00	ug/l	-0.04
63) Chlorobenzene-d5	11.27	117	1720930	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	13.36	152	861101	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.76	65	525892	44.99	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	89.98%	
35) Dibromofluoromethane	6.30	113	799534	48.48	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	96.96%	
50) Toluene-d8	9.43	98	2348846	48.67	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	97.34%	
62) 4-Bromofluorobenzene	12.41	95	846686	48.41	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	96.82%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.58	85	564734	43.504	ug/l	97
3) Chloromethane	1.75	50	617371	39.921	ug/l	98
4) Vinyl Chloride	1.85	62	529356	41.914	ug/l	100
5) Bromomethane	2.14	94	167035	55.745	ug/l	100
6) Chloroethane	2.25	64	199542	47.617	ug/l	98
7) Trichlorofluoromethane	2.50	101	661305	44.412	ug/l	96
8) Diethyl Ether	2.81	74	119520	44.334	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.08	101	426636	43.563	ug/l	95
10) Methyl Iodide	3.23	142	504926	39.696	ug/l	99
11) Tert butyl alcohol	3.95	59	112953	235.303	ug/l	96
12) 1,1-Dichloroethene	3.06	96	341852	42.912	ug/l	95
13) Acrolein	2.97	56	68893	121.459	ug/l	100
14) Allyl chloride	3.51	41	675822	44.338	ug/l	99
15) Acrylonitrile	4.05	53	602957	215.396	ug/l	98
16) Acetone	3.14	43	352678	173.926	ug/l	98
17) Carbon Disulfide	3.30	76	1041465	40.503	ug/l	99
18) Methyl Acetate	3.53	43	189938	43.930	ug/l	99
19) Methyl tert-butyl Ether	4.10	73	1080546	45.299	ug/l	98
20) Methylene Chloride	3.70	84	865461	48.114	ug/l	94
21) trans-1,2-Dichloroethene	4.07	96	807391	45.646	ug/l	99
22) Diisopropyl ether	4.83	45	2552477	44.822	ug/l	99
23) Vinyl Acetate	4.78	43	6062886	213.966	ug/l	99
24) 1,1-Dichloroethane	4.73	63	1310603	44.880	ug/l	99
25) 2-Butanone	5.60	43	818728	194.251	ug/l	98
26) 2,2-Dichloropropane	5.56	77	1051099	46.297	ug/l	98
27) cis-1,2-Dichloroethene	5.57	96	852878	46.284	ug/l	97
28) Bromochloromethane	5.89	49	630030	48.897	ug/l	98
29) Tetrahydrofuran	5.92	42	459329	206.704	ug/l	99
30) Chloroform	6.07	83	1447702	49.590	ug/l	97
31) Cyclohexane	6.34	56	1153730	41.336	ug/l	99
32) 1,1,1-Trichloroethane	6.27	97	1118312	45.477	ug/l	99
36) 1,1-Dichloropropene	6.49	75	1013633	46.394	ug/l	99
37) Ethyl Acetate	5.67	43	440362	43.801	ug/l	97
38) Carbon Tetrachloride	6.47	117	923389	45.561	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.01	83	1089337	43.350	ug/l	99
40) Benzene	6.77	78	2652297	47.557	ug/l	100
41) Methacrylonitrile	5.89	41	501174	43.554	ug/l #	78
42) 1,2-Dichloroethane	6.87	62	646797	44.309	ug/l	100
43) Isopropyl Acetate	8.32	43	561370	44.452	ug/l #	98
44) Trichloroethene	7.71	130	818602	48.421	ug/l	100
45) 1,2-Dichloropropane	8.08	63	675977	48.060	ug/l	100
46) Dibromomethane	8.19	93	374063	45.408	ug/l	99
47) Bromodichloromethane	8.46	83	910710	46.914	ug/l	98
48) Methyl methacrylate	8.22	41	346957	45.230	ug/l	99
49) 1,4-Dioxane	8.21	88	64908	977.950	ug/l	88
51) 4-Methyl-2-Pentanone	9.32	43	1779942	216.550	ug/l	99
52) Toluene	9.53	92	1669188	46.854	ug/l	99
53) t-1,3-Dichloropropene	9.89	75	750298	45.745	ug/l	99
54) cis-1,3-Dichloropropene	9.08	75	995023	47.299	ug/l	96
55) 1,1,2-Trichloroethane	10.16	97	454150	43.983	ug/l	98
56) Ethyl methacrylate	10.01	69	444146	46.783	ug/l	99
57) 1,3-Dichloropropane	10.36	76	694399	44.135	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.90	63	1308098	227.876	ug/l	98
59) 2-Hexanone	10.47	43	1235361	210.871	ug/l	99
60) Dibromochloromethane	10.62	129	589842	46.993	ug/l	98
61) 1,2-Dibromoethane	10.74	107	460297	44.492	ug/l	96
64) Tetrachloroethene	10.22	164	741007	48.232	ug/l	97
65) Chlorobenzene	11.30	112	1796947	48.191	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.40	131	594993	48.769	ug/l	96
67) Ethyl Benzene	11.41	91	3070899	48.144	ug/l	99
68) m/p-Xylenes	11.55	106	2229796	94.766	ug/l	97
69) o-Xylene	11.92	106	1081174	47.562	ug/l	99
70) Styrene	11.95	104	1738039	47.311	ug/l	98
71) Bromoform	12.10	173	388359	47.371	ug/l	99
73) Isopropylbenzene	12.26	105	3052394	48.653	ug/l	99
74) N-amyl acetate	12.12	43	769921	47.867	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.55	83	472297	46.031	ug/l	97
76) 1,2,3-Trichloropropane	12.59	75	467982	45.432	ug/l	99
77) Bromobenzene	12.53	156	806519	48.397	ug/l	96
78) n-propylbenzene	12.63	91	3631147	46.370	ug/l	100
79) 2-Chlorotoluene	12.69	91	2023940	47.190	ug/l	100
80) 1,3,5-Trimethylbenzene	12.78	105	2297356	47.119	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.33	75	135442	46.185	ug/l	99
82) 4-Chlorotoluene	12.79	91	2274073	47.202	ug/l	100
83) tert-Butylbenzene	13.04	119	2440407	45.084	ug/l	99
84) 1,2,4-Trimethylbenzene	13.08	105	2325006	47.748	ug/l	100
85) sec-Butylbenzene	13.21	105	3078672	46.357	ug/l	100
86) p-Isopropyltoluene	13.33	119	2360094	44.129	ug/l	99
87) 1,3-Dichlorobenzene	13.30	146	1421300	47.938	ug/l	95
88) 1,4-Dichlorobenzene	13.38	146	1366168	47.180	ug/l	99
89) n-Butylbenzene	13.64	91	2397912	45.289	ug/l	99
90) Hexachloroethane	13.85	117	607806	47.928	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	1149411	47.198	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.22	75	55459	44.778	ug/l	90

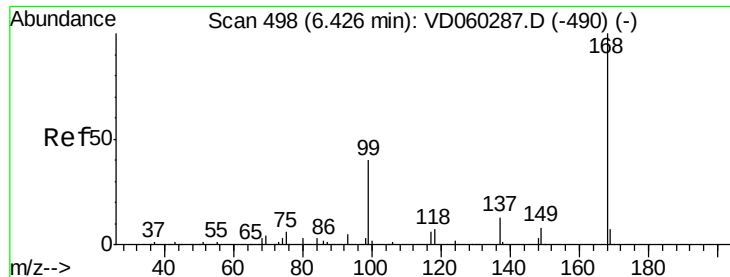
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111418\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.78	180	837701	43.385	ug/l	98
94) Hexachlorobutadiene	14.87	225	525040	36.355	ug/l	99
95) Naphthalene	14.96	128	1082469	45.912	ug/l	100
96) 1,2,3-Trichlorobenzene	15.10	180	696389	45.008	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.39 min Scan# 494

Delta R.T. -0.04 min

Lab File: VD060384.D

Acq: 14 Nov 2018 17:38

Instrument :

MSVOA_D

ClientSampleId :

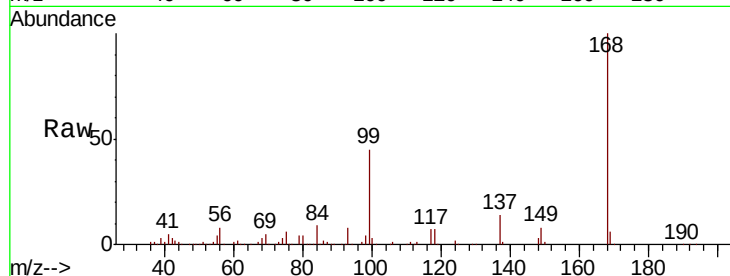
FDSB-05(25-27)MSD

Tot Ion:168 Resp: 1632640

Ion Ratio Lower Upper

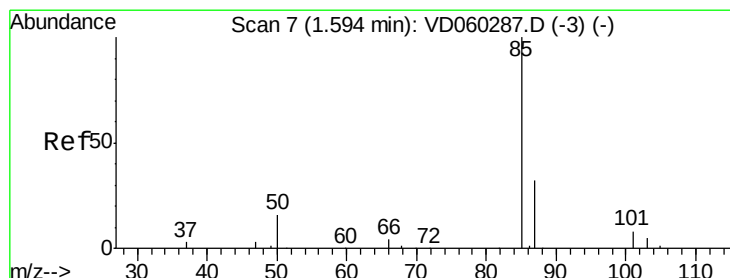
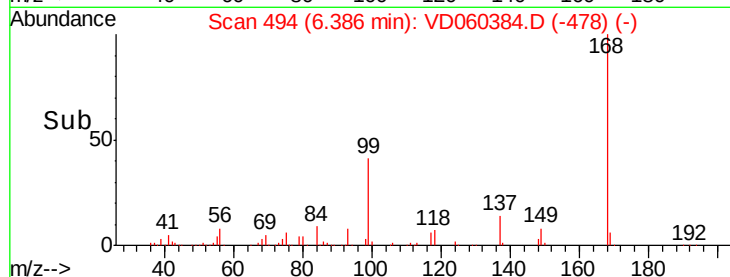
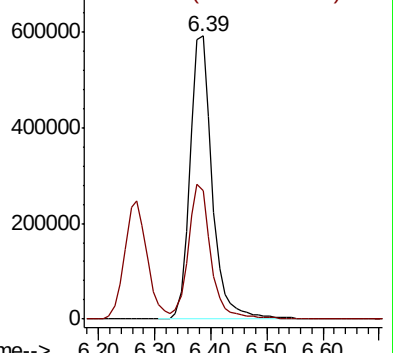
168 100

99 45.3 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 43.504 ug/l

RT: 1.58 min Scan# 6

Delta R.T. -0.01 min

Lab File: VD060384.D

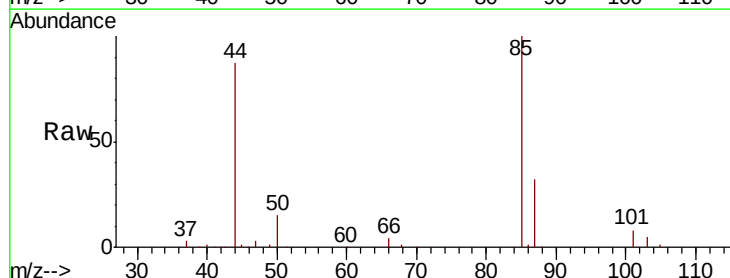
Acq: 14 Nov 2018 17:38

Tgt Ion: 85 Resp: 564734

Ion Ratio Lower Upper

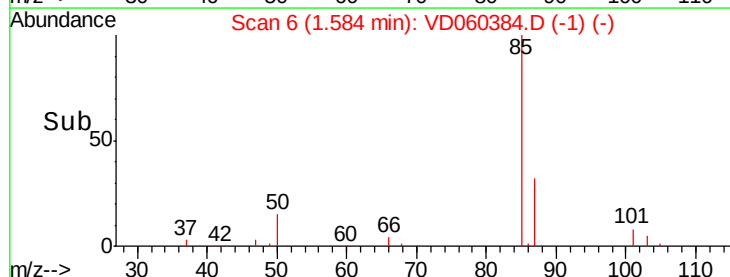
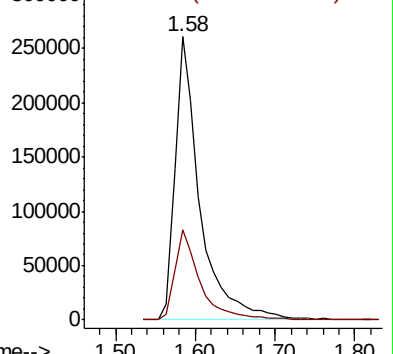
85 100

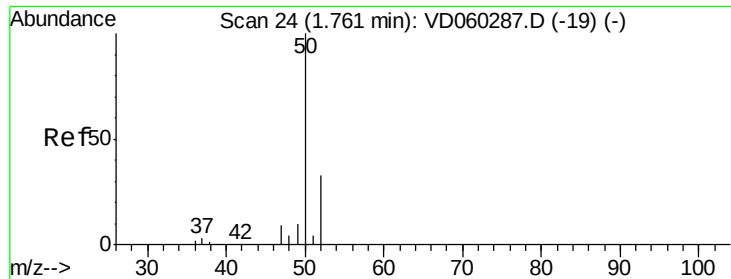
87 31.9 16.8 50.4



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 39.921 ug/l

RT: 1.75 min Scan# 23

Delta R.T. -0.01 min

Lab File: VD060384.D

Acq: 14 Nov 2018 17:38

Instrument :

MSVOA_D

ClientSampleId :

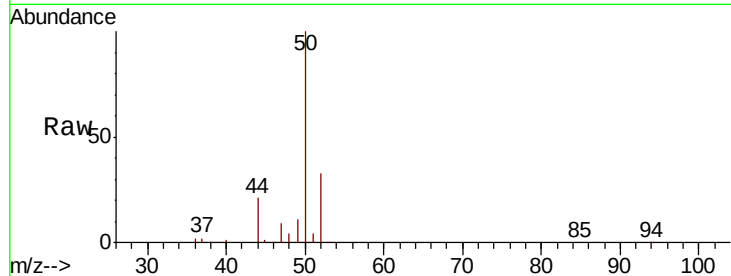
FDSB-05(25-27)MSD

Tot Ion: 50 Resp: 617371

Ion Ratio Lower Upper

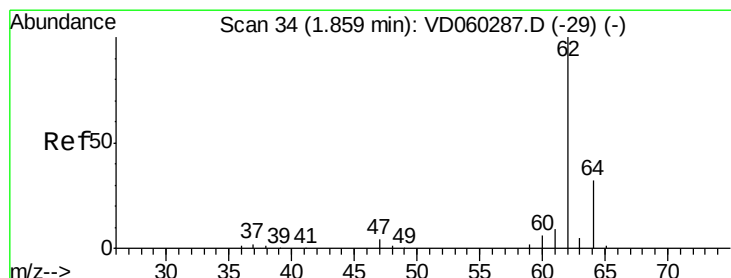
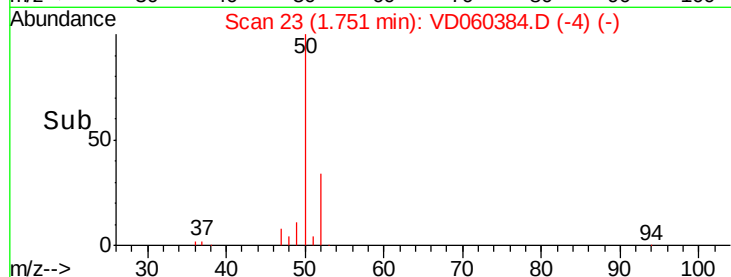
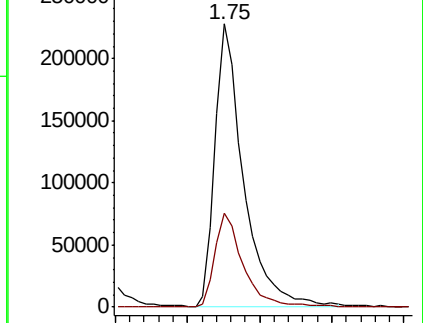
50 100

52 33.4 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 41.914 ug/l

RT: 1.85 min Scan# 33

Delta R.T. -0.01 min

Lab File: VD060384.D

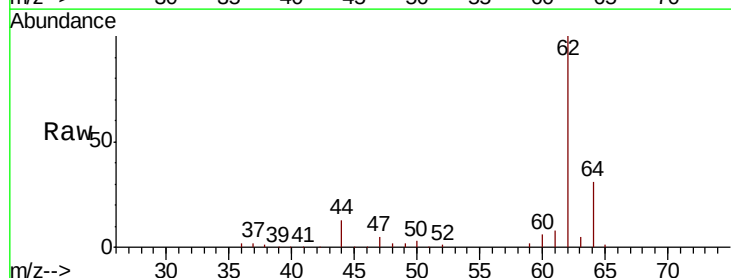
Acq: 14 Nov 2018 17:38

Tgt Ion: 62 Resp: 529356

Ion Ratio Lower Upper

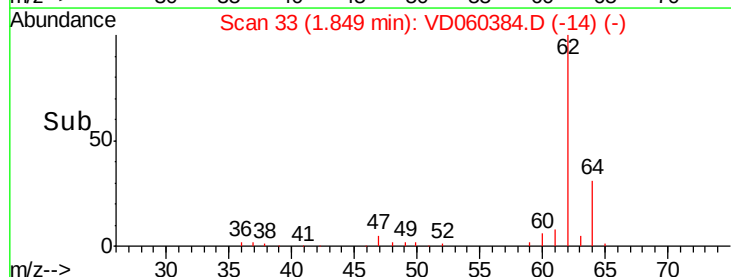
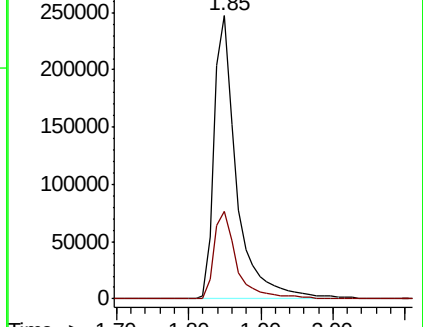
62 100

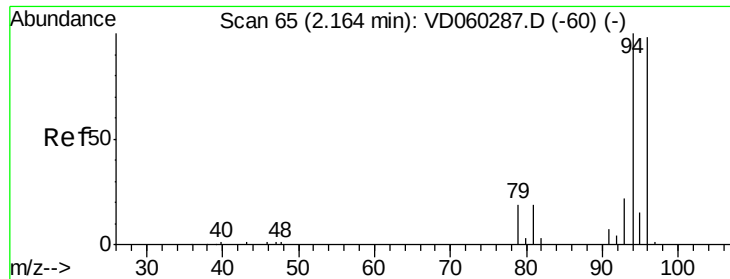
64 31.0 24.9 37.3



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 55.745 ug/l

RT: 2.14 min Scan# 63

Delta R.T. -0.02 min

Lab File: VD060384.D

Acq: 14 Nov 2018 17:38

Instrument :

MSVOA_D

ClientSampleId :

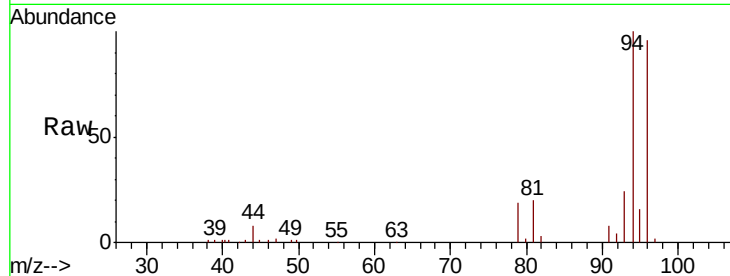
FDSB-05(25-27)MSD

Tot Ion: 94 Resp: 167035

Ion Ratio Lower Upper

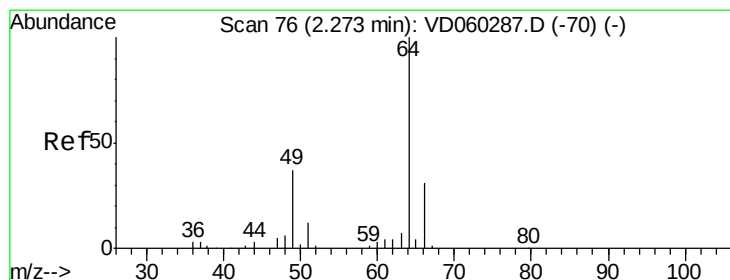
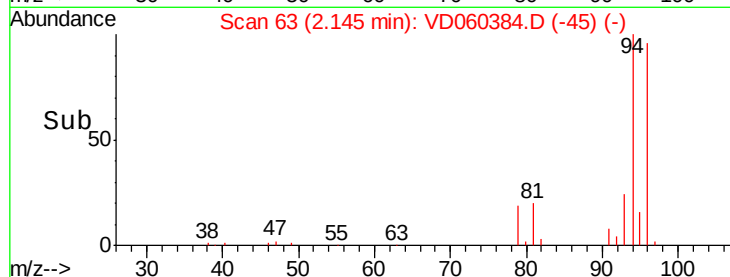
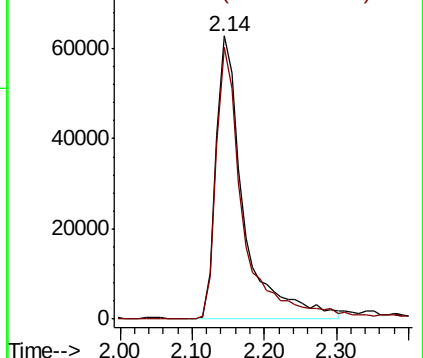
94 100

96 95.8 76.6 114.8



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 47.617 ug/l

RT: 2.25 min Scan# 74

Delta R.T. -0.02 min

Lab File: VD060384.D

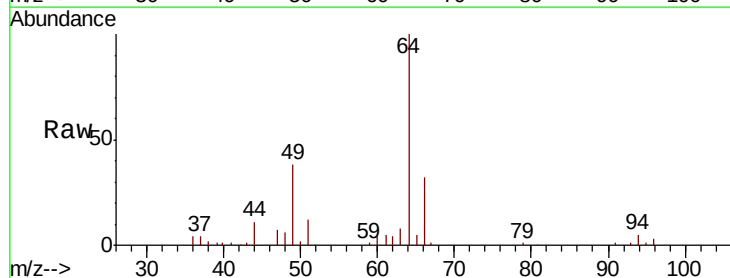
Acq: 14 Nov 2018 17:38

Tgt Ion: 64 Resp: 199542

Ion Ratio Lower Upper

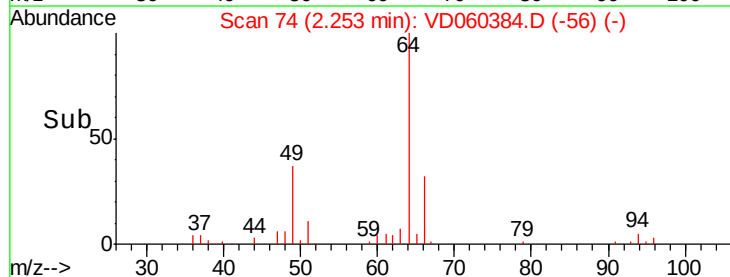
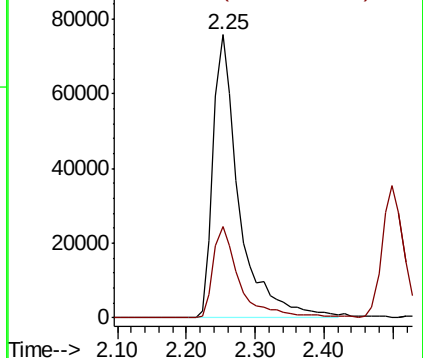
64 100

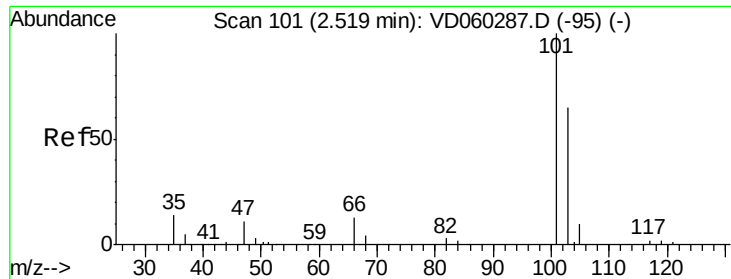
66 32.4 26.6 40.0



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



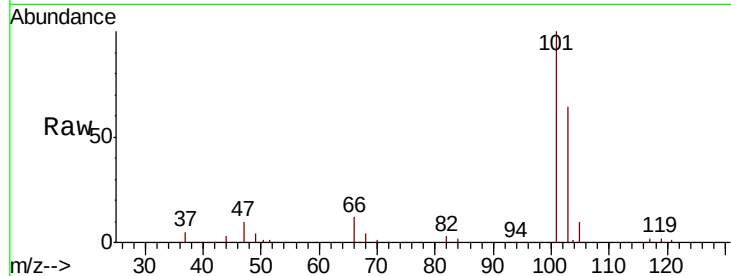


#7

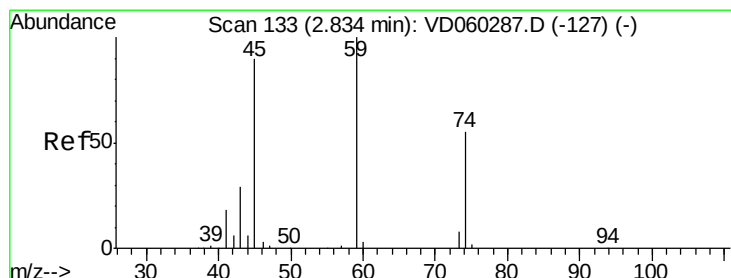
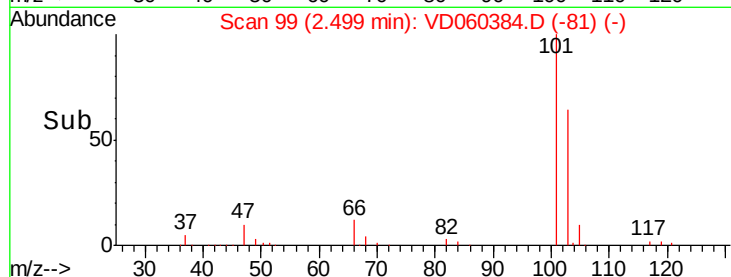
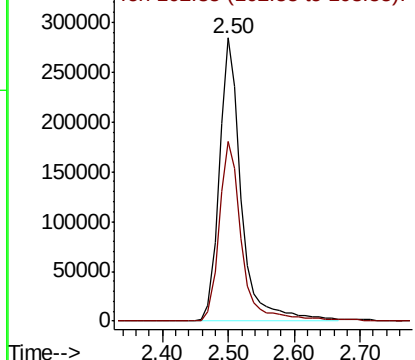
Trichlorofluoromethane
 Concen: 44.412 ug/l
 RT: 2.50 min Scan# 99
 Delta R.T. -0.02 min
 Lab File: VD060384.D
 Acq: 14 Nov 2018 17:38

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Tot Ion:101 Resp: 661305
 Ion Ratio Lower Upper
 101 100
 103 63.5 53.6 80.4



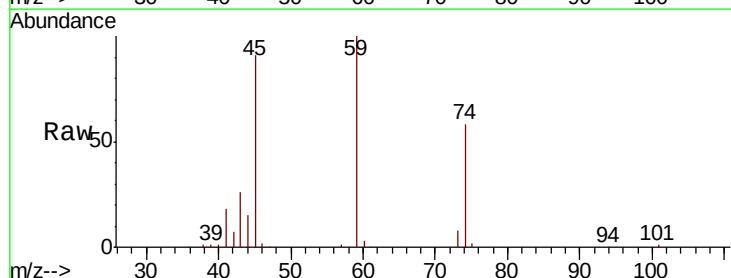
Abundance Ion 100.85 (100.55 to 101.55): V
 Ion 102.85 (102.55 to 103.55): V



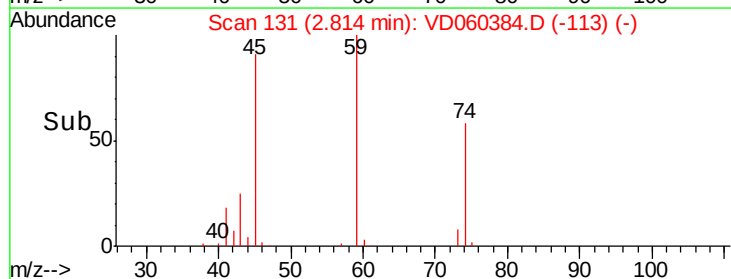
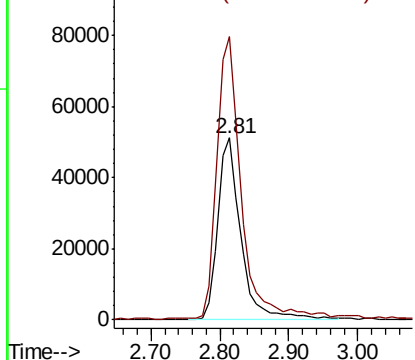
#8

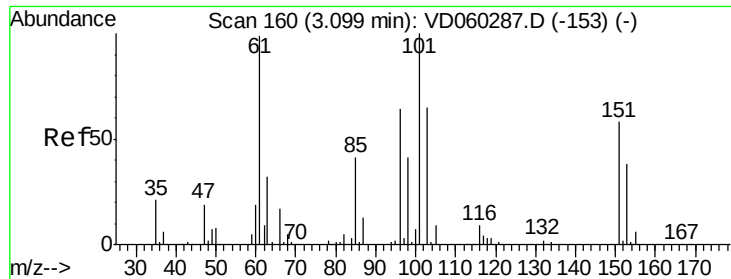
Diethyl Ether
 Concen: 44.334 ug/l
 RT: 2.81 min Scan# 131
 Delta R.T. -0.02 min
 Lab File: VD060384.D
 Acq: 14 Nov 2018 17:38

Tgt Ion: 74 Resp: 119520
 Ion Ratio Lower Upper
 74 100
 45 155.6 84.8 254.4



Abundance Ion 74.00 (73.70 to 74.70): VDC
 Ion 45.05 (44.75 to 45.75): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.563 ug/l

RT: 3.08 min Scan# 158

Delta R.T. -0.02 min

Lab File: VD060384.D

Acq: 14 Nov 2018 17:38

Instrument :

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FDSB-05(25-27)MSD

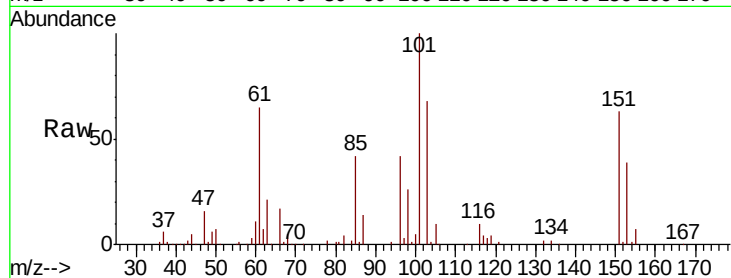
Tot Ion:101 Resp: 426636

Ion Ratio Lower Upper

101 100

85 41.6 31.4 47.0

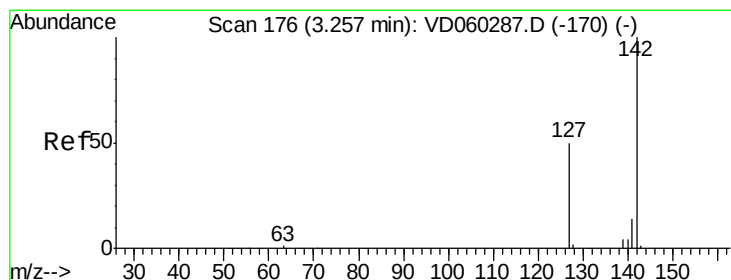
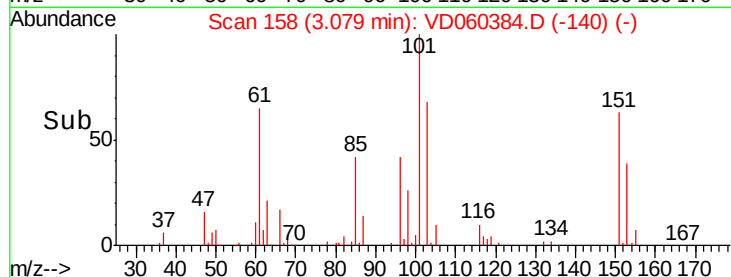
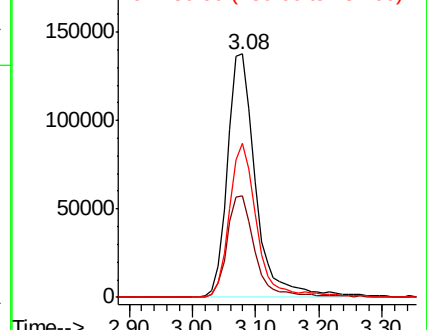
151 63.3 47.4 71.0



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 39.696 ug/l

RT: 3.23 min Scan# 173

Delta R.T. -0.03 min

Lab File: VD060384.D

Acq: 14 Nov 2018 17:38

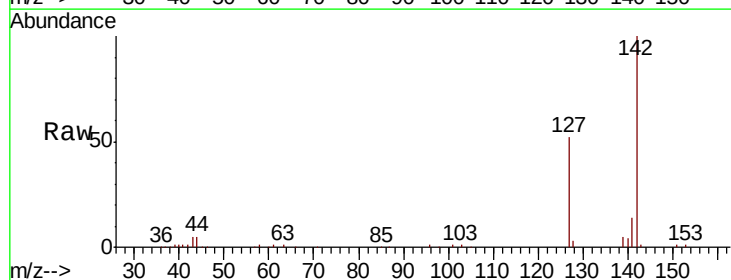
Tgt Ion:142 Resp: 504926

Ion Ratio Lower Upper

142 100

127 51.6 41.0 61.6

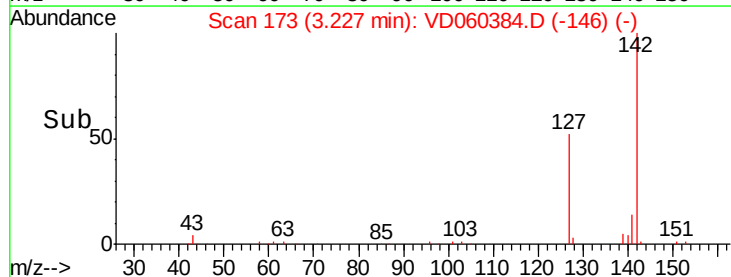
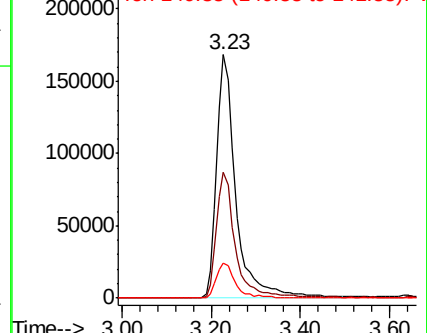
141 14.3 11.9 17.9

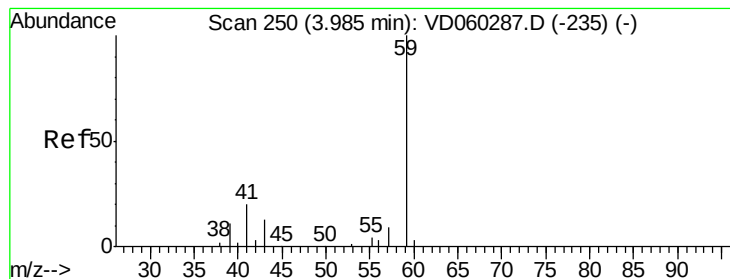


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



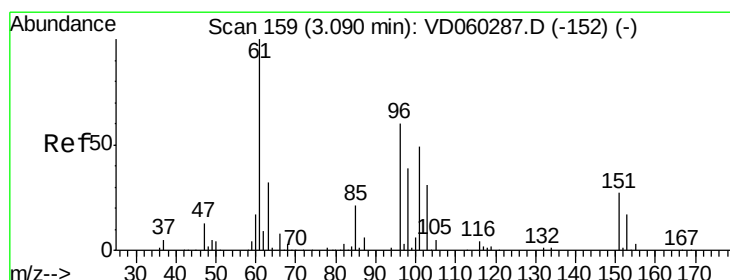
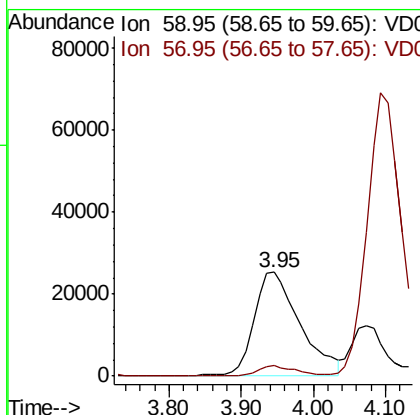
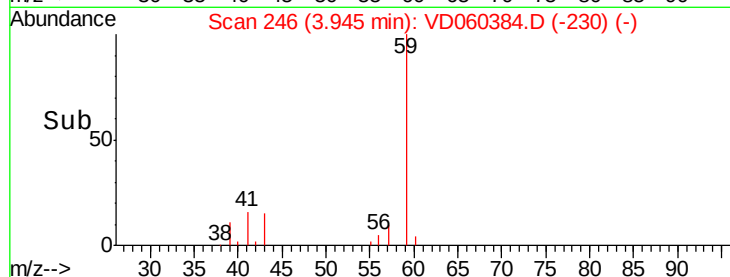
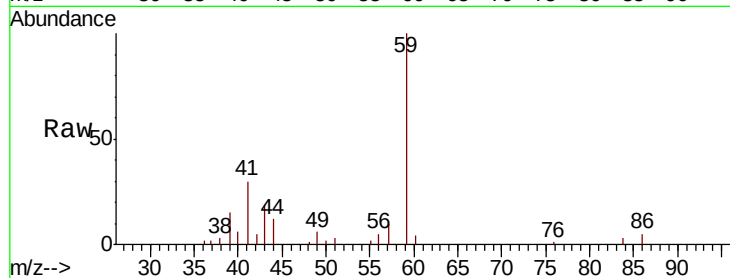


#11

Tert butyl alcohol
Concen: 235.303 ug/l
RT: 3.95 min Scan# 246
Delta R.T. -0.04 min
Lab File: VD060384.D
Acq: 14 Nov 2018 17:38

Instrument :
MSVOA_D
ClientSampleId :
FDSB-05(25-27)MSD

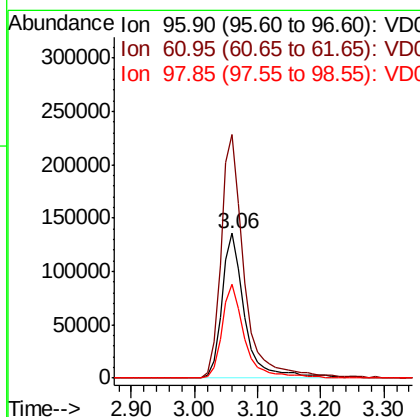
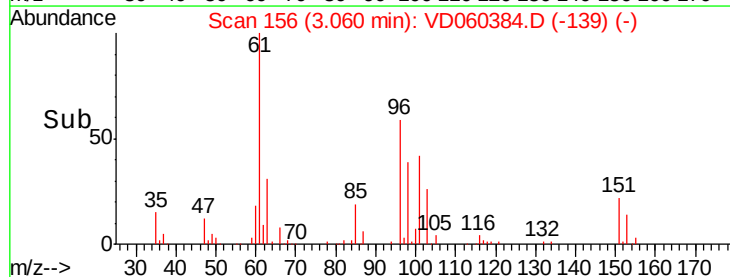
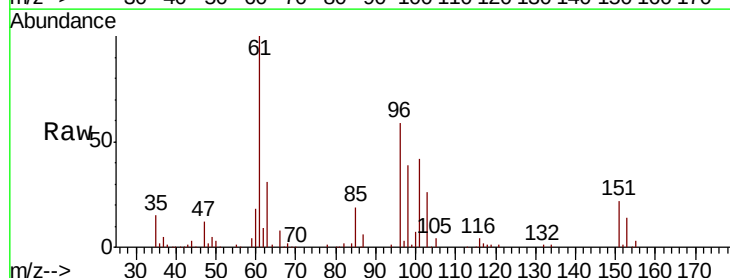
Tot Ion: 59 Resp: 112953
Ion Ratio Lower Upper
59 100
57 9.9 9.3 13.9

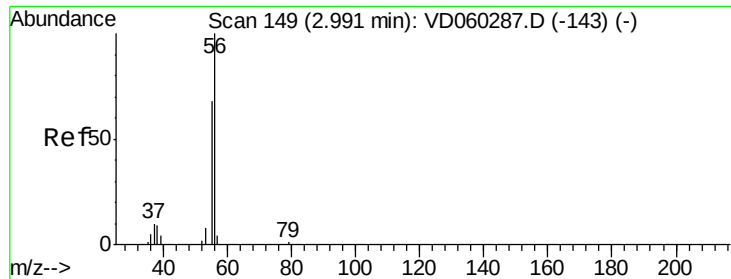


#12

1,1-Dichloroethene
Concen: 42.912 ug/l
RT: 3.06 min Scan# 156
Delta R.T. -0.03 min
Lab File: VD060384.D
Acq: 14 Nov 2018 17:38

Tgt Ion: 96 Resp: 341852
Ion Ratio Lower Upper
96 100
61 168.3 142.2 213.4
98 65.0 52.6 79.0





#13

Acrolein

Concen: 121.459 ug/l

RT: 2.97 min Scan# 147

Delta R.T. -0.02 min

Lab File: VD060384.D

Acq: 14 Nov 2018 17:38

Instrument :

MSVOA_D

ClientSampleId :

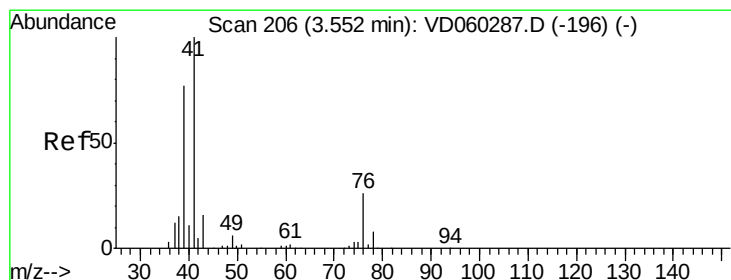
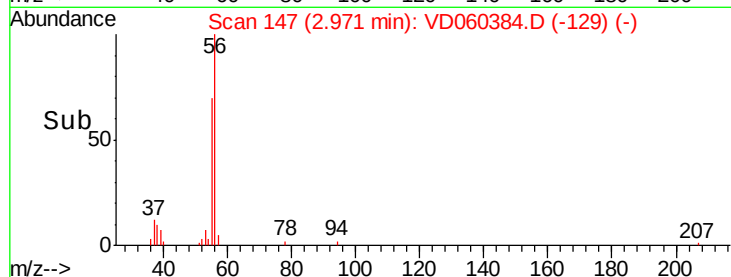
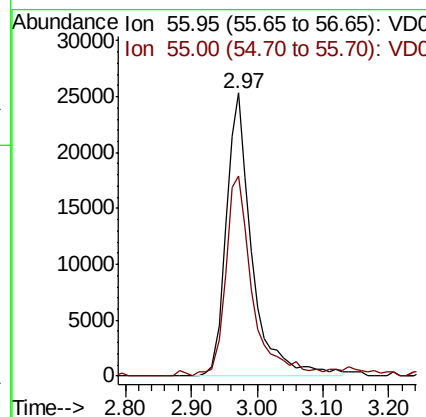
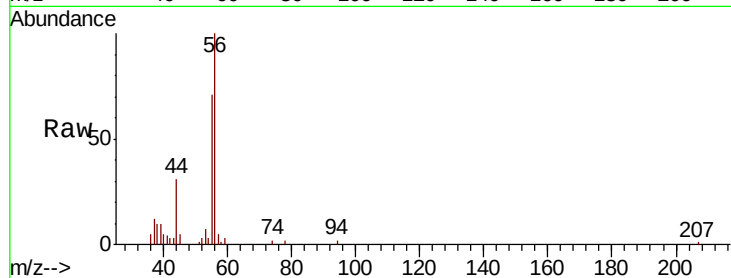
FDSB-05(25-27)MSD

Tot Ion: 56 Resp: 68893

Ion Ratio Lower Upper

56 100

55 70.9 57.0 85.6



#14

Allyl chloride

Concen: 44.338 ug/l

RT: 3.51 min Scan# 202

Delta R.T. -0.04 min

Lab File: VD060384.D

Acq: 14 Nov 2018 17:38

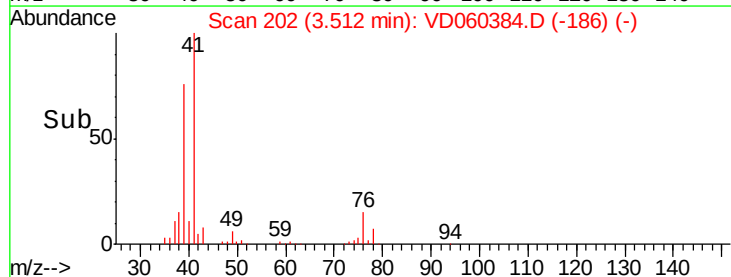
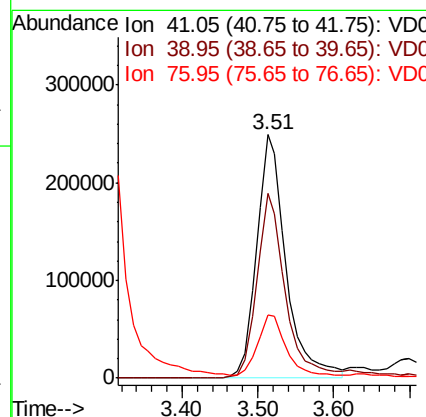
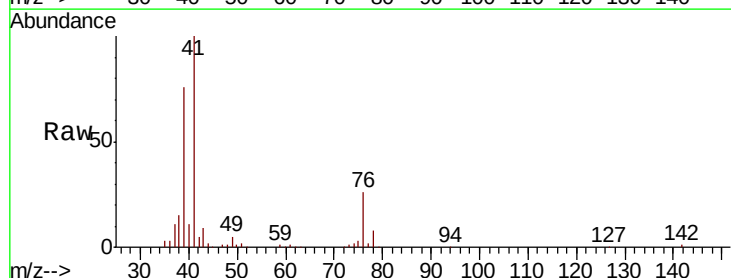
Tgt Ion: 41 Resp: 675822

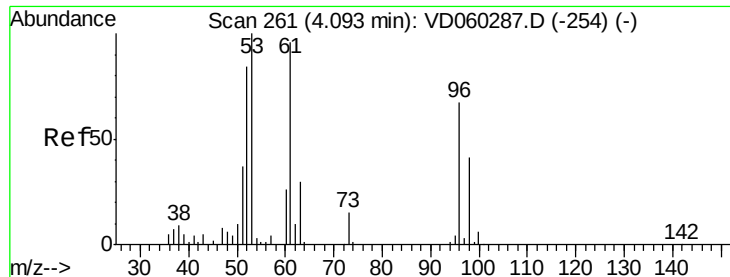
Ion Ratio Lower Upper

41 100

39 75.9 60.4 90.6

76 26.2 21.8 32.8

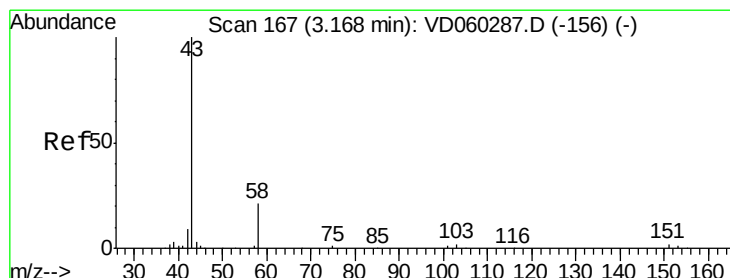
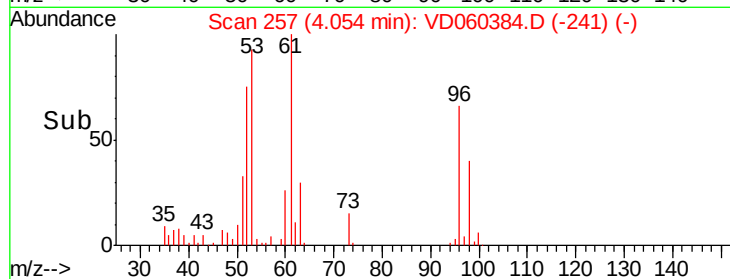
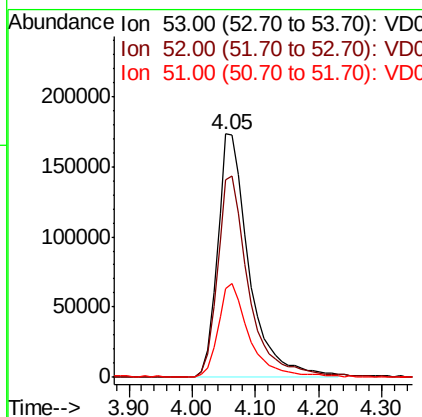
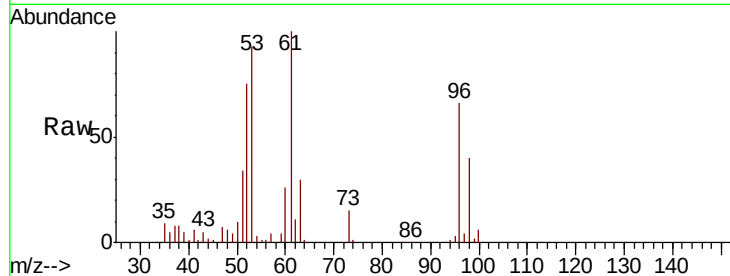




#15
 Acrylonitrile
 Concen: 215.396 ug/l
 RT: 4.05 min Scan# 257
 Delta R.T. -0.04 min
 Lab File: VD060384.D
 Acq: 14 Nov 2018 17:38

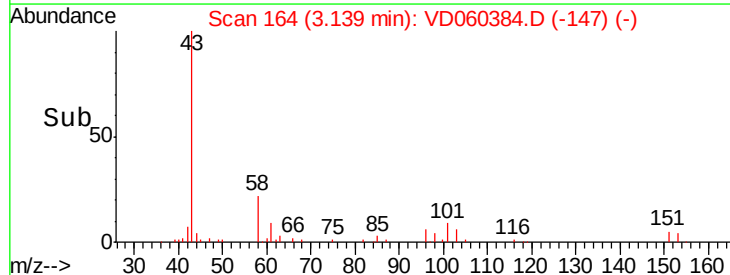
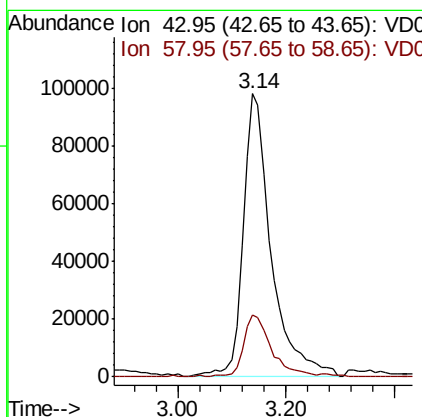
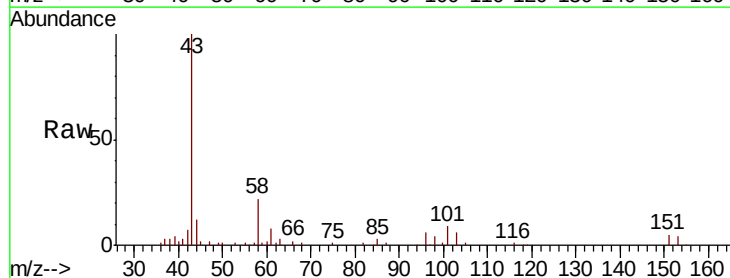
Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-05(25-27)MSD

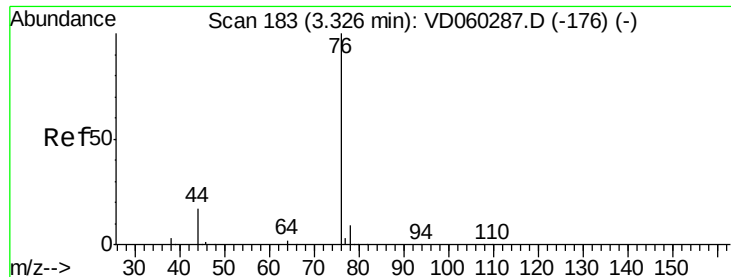
Tot Ion	53	Resp	602957
Ion	Ratio	Lower	Upper
53	100		
52	81.3	67.0	100.4
51	36.4	29.9	44.9



#16
 Acetone
 Concen: 173.926 ug/l
 RT: 3.14 min Scan# 164
 Delta R.T. -0.03 min
 Lab File: VD060384.D
 Acq: 14 Nov 2018 17:38

Tgt Ion	43	Resp	352678
Ion	Ratio	Lower	Upper
43	100		
58	22.0	16.9	25.3





#17

Carbon Disulfide

Concen: 40.503 ug/l

RT: 3.30 min Scan# 180

Delta R.T. -0.03 min

Lab File: VD060384.D

Acq: 14 Nov 2018 17:38

Instrument :

MSVOA_D

ClientSampleId :

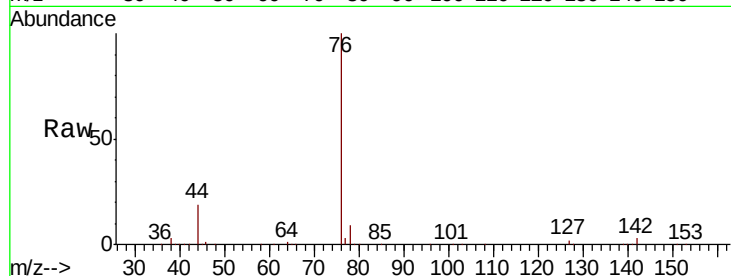
FDSB-05(25-27)MSD

Tot Ion: 76 Resp: 1041465

Ion Ratio Lower Upper

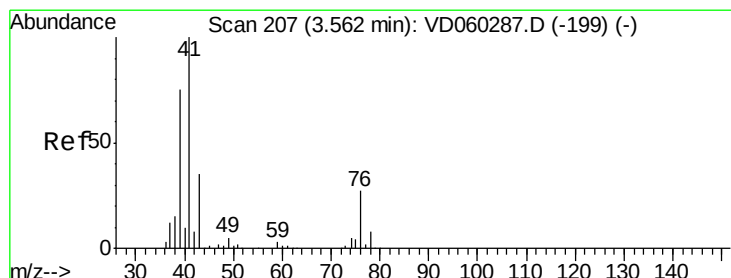
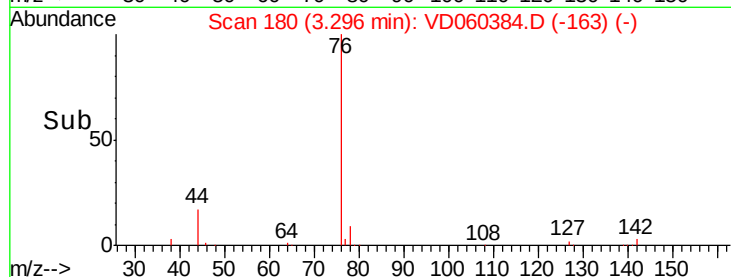
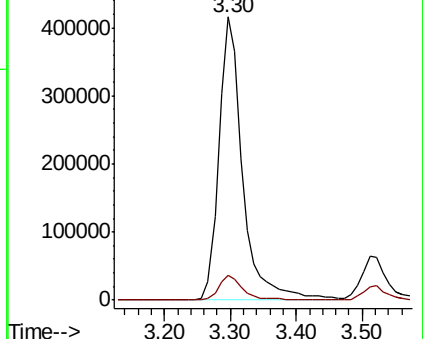
76 100

78 8.9 7.0 10.4



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#18

Methyl Acetate

Concen: 43.930 ug/l

RT: 3.53 min Scan# 204

Delta R.T. -0.03 min

Lab File: VD060384.D

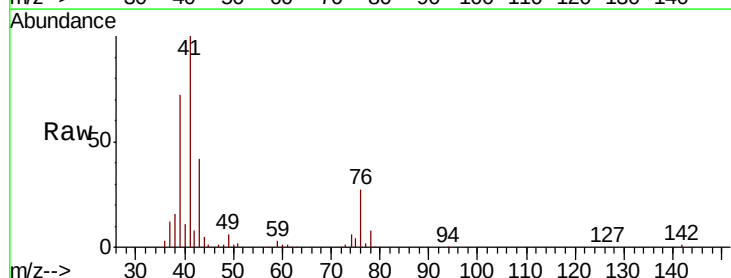
Acq: 14 Nov 2018 17:38

Tgt Ion: 43 Resp: 189938

Ion Ratio Lower Upper

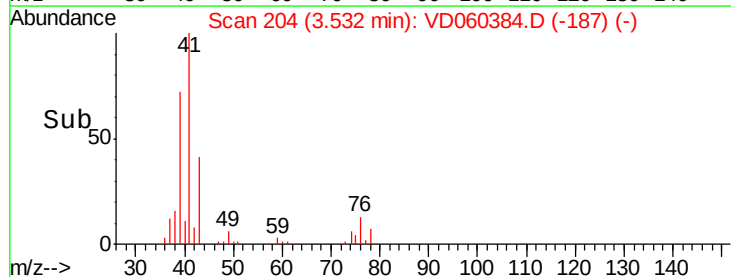
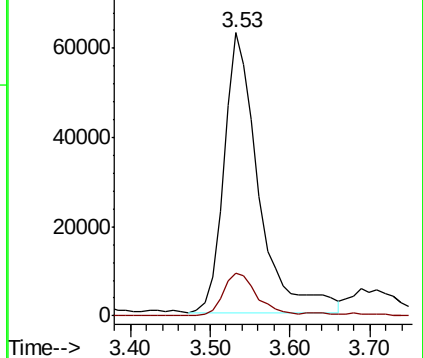
43 100

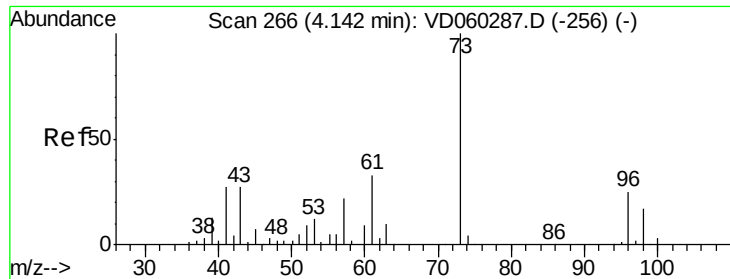
74 14.9 12.4 18.6



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

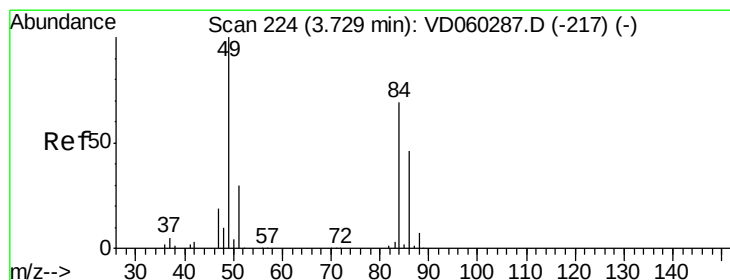
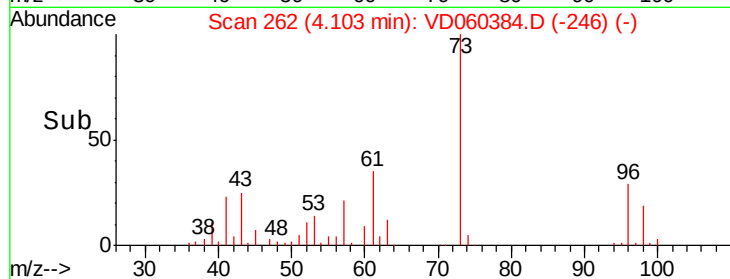
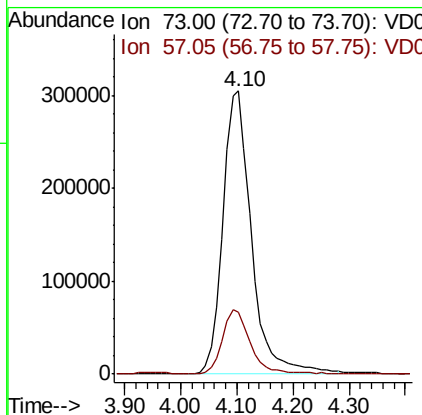
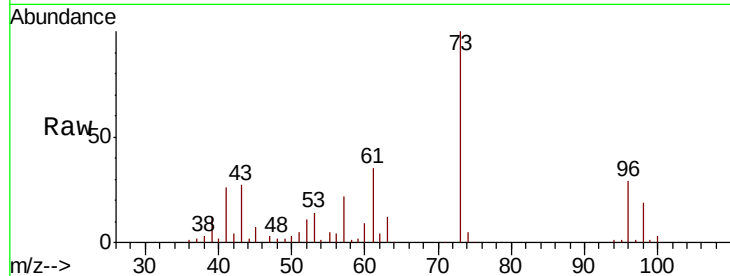




#19
Methyl tert-butyl Ether
Concen: 45.299 ug/l
RT: 4.10 min Scan# 262
Delta R.T. -0.04 min
Lab File: VD060384.D
Acq: 14 Nov 2018 17:38

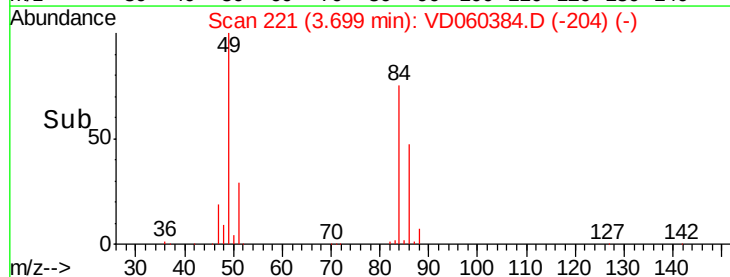
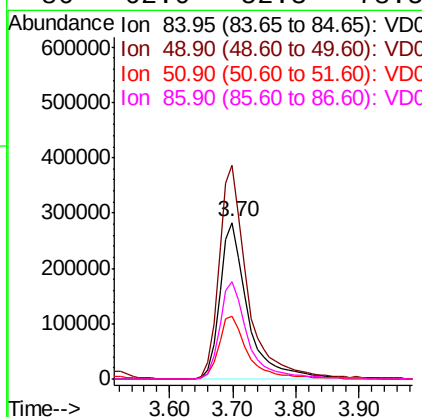
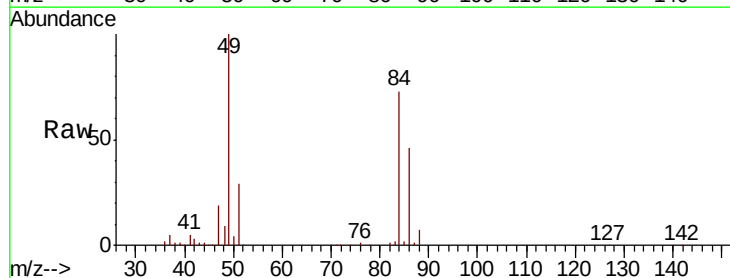
Instrument :
MSVOA_D
ClientSampleId :
FDSB-05(25-27)MSD

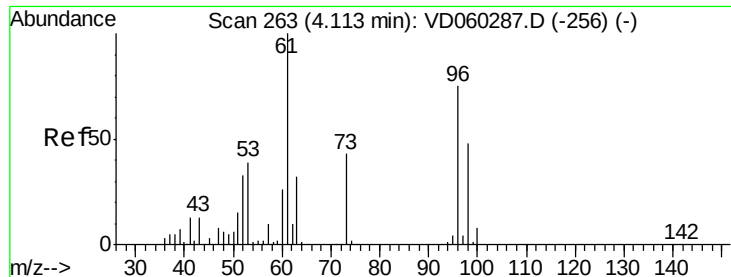
Tot Ion: 73 Resp: 1080546
Ion Ratio Lower Upper
73 100
57 21.9 18.1 27.1



#20
Methylene Chloride
Concen: 48.114 ug/l
RT: 3.70 min Scan# 221
Delta R.T. -0.03 min
Lab File: VD060384.D
Acq: 14 Nov 2018 17:38

Tgt Ion: 84 Resp: 865461
Ion Ratio Lower Upper
84 100
49 136.2 115.6 173.4
51 39.7 35.6 53.4
86 62.0 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 45.646 ug/l

RT: 4.07 min Scan# 259

Delta R.T. -0.04 min

Lab File: VD060384.D

Acq: 14 Nov 2018 17:38

Instrument :

MSVOA_D

ClientSampleId :

FDSB-05(25-27)MSD

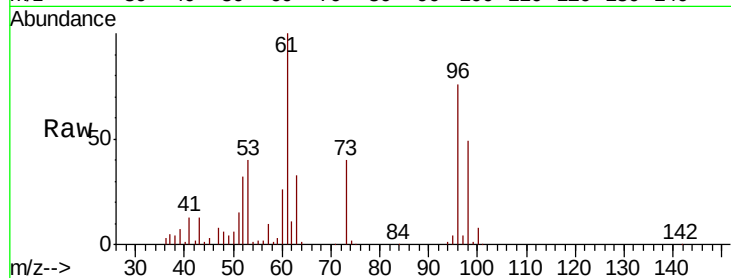
Tot Ion: 96 Resp: 807391

Ion Ratio Lower Upper

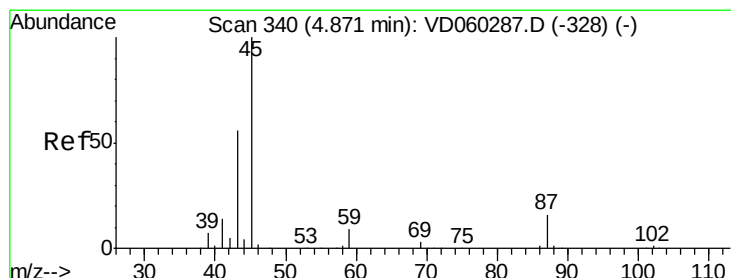
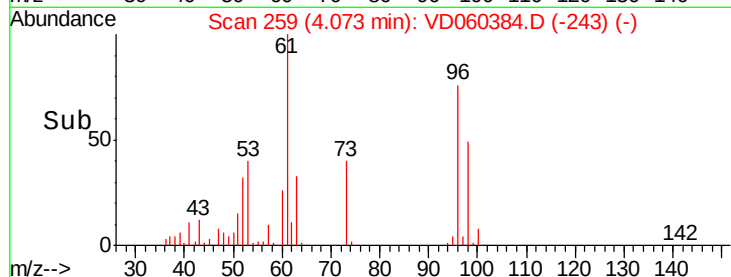
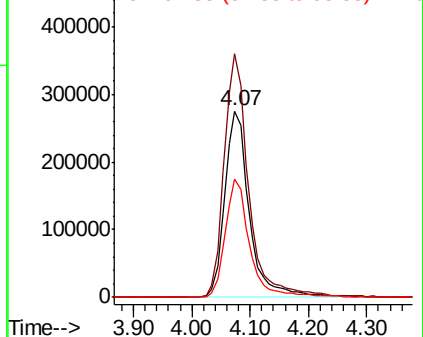
96 100

61 130.8 105.8 158.6

98 63.5 50.8 76.2



Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 97.85 (97.55 to 98.55): VDC



#22

Diisopropyl ether

Concen: 44.822 ug/l

RT: 4.83 min Scan# 336

Delta R.T. -0.04 min

Lab File: VD060384.D

Acq: 14 Nov 2018 17:38

Tgt Ion: 45 Resp: 2552477

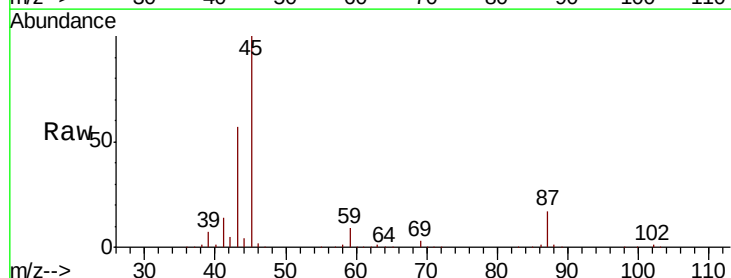
Ion Ratio Lower Upper

45 100

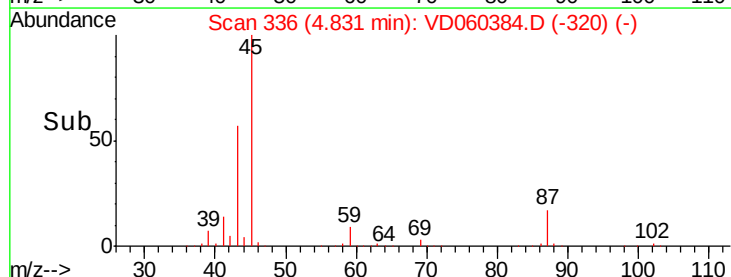
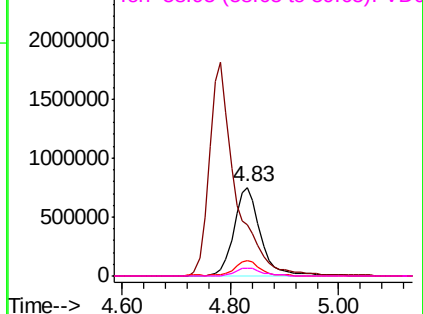
43 57.3 44.9 67.3

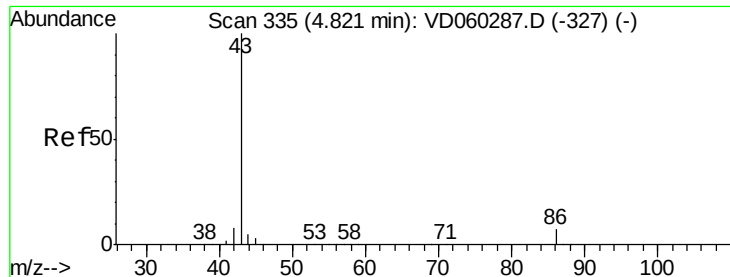
87 17.0 13.9 20.9

59 9.0 7.0 10.6



Abundance Ion 45.05 (44.75 to 45.75): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 58.95 (58.65 to 59.65): VDC





#23

Vinyl Acetate

Concen: 213.966 ug/l

RT: 4.78 min Scan# 331

Delta R.T. -0.04 min

Lab File: VD060384.D

Acq: 14 Nov 2018 17:38

Instrument :

MSVOA_D

ClientSampleId :

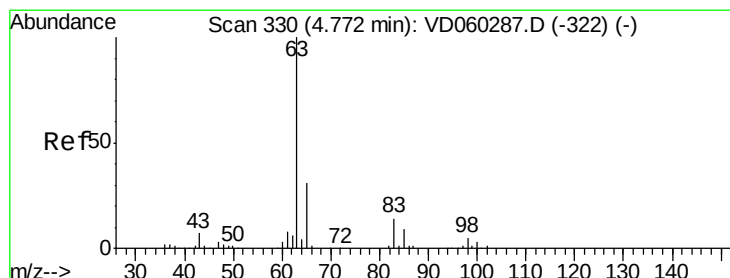
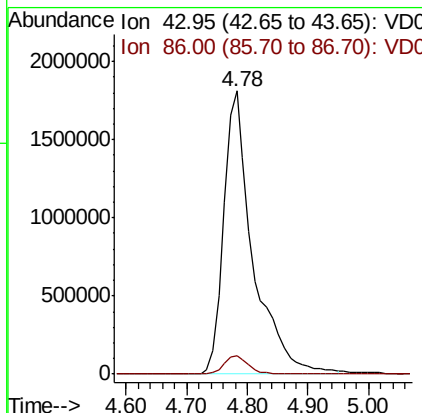
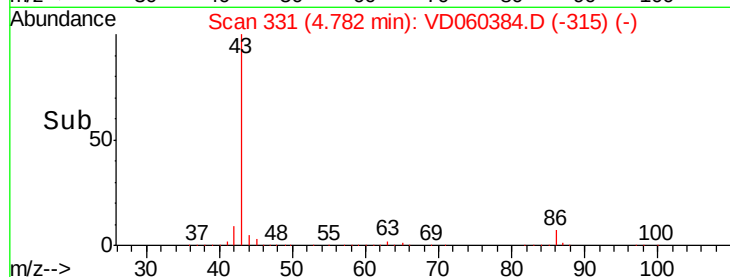
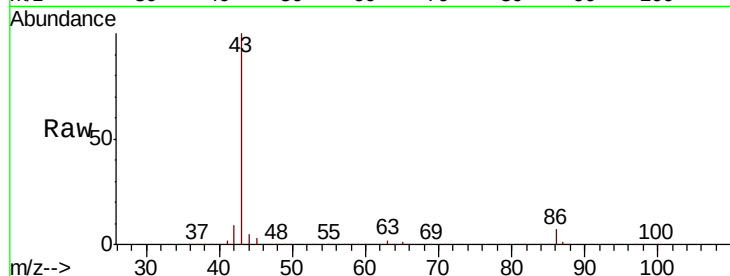
FDSB-05(25-27)MSD

Tot Ion: 43 Resp: 6062886

Ion Ratio Lower Upper

43 100

86 6.7 5.7 8.5



#24

1,1-Dichloroethane

Concen: 44.880 ug/l

RT: 4.73 min Scan# 326

Delta R.T. -0.04 min

Lab File: VD060384.D

Acq: 14 Nov 2018 17:38

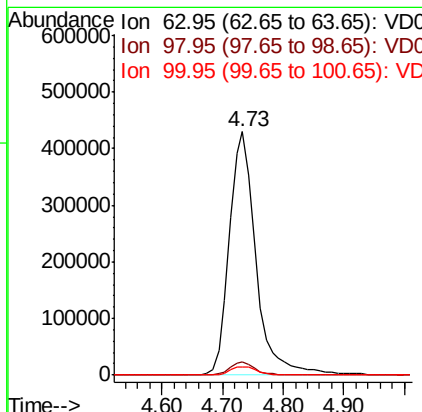
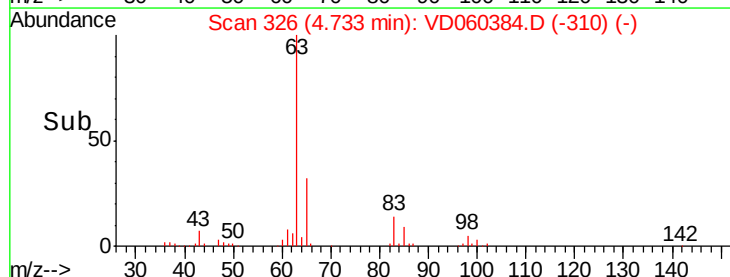
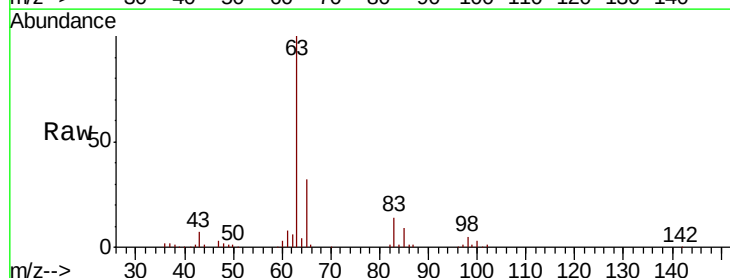
Tgt Ion: 63 Resp: 1310603

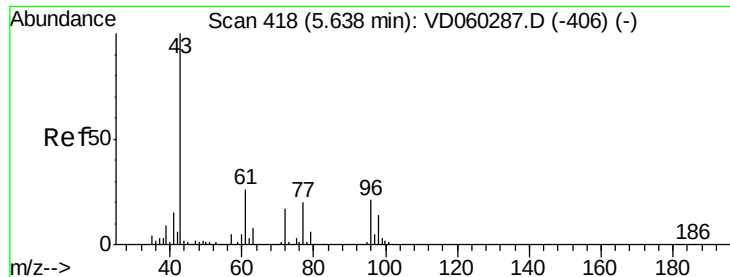
Ion Ratio Lower Upper

63 100

98 5.2 2.8 8.4

100 3.2 1.8 5.5





#25

2-Butanone

Concen: 194.251 ug/l

RT: 5.60 min Scan# 414

Delta R.T. -0.04 min

Lab File: VD060384.D

Acq: 14 Nov 2018 17:38

Instrument :

MSVOA_D

ClientSampleId :

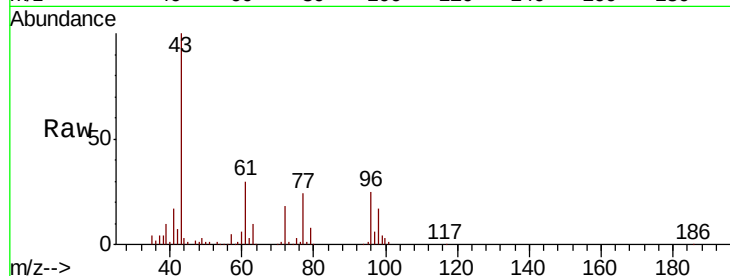
FDSB-05(25-27)MSD

Tot Ion: 43 Resp: 818728

Ion Ratio Lower Upper

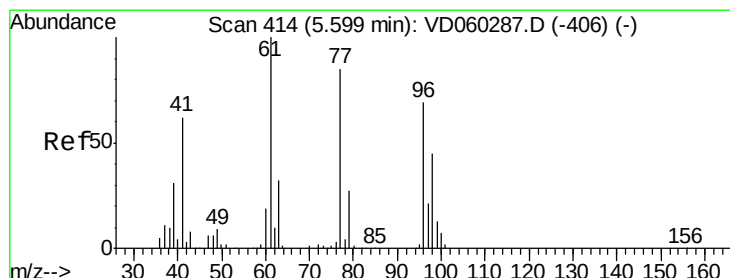
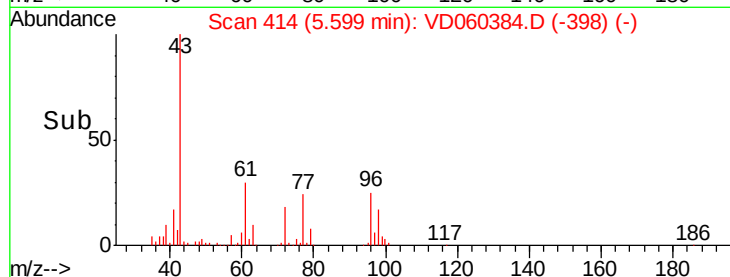
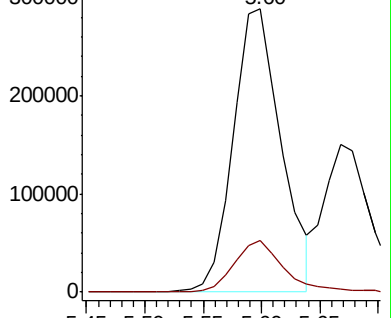
43 100

72 18.3 13.8 20.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 46.297 ug/l

RT: 5.56 min Scan# 410

Delta R.T. -0.04 min

Lab File: VD060384.D

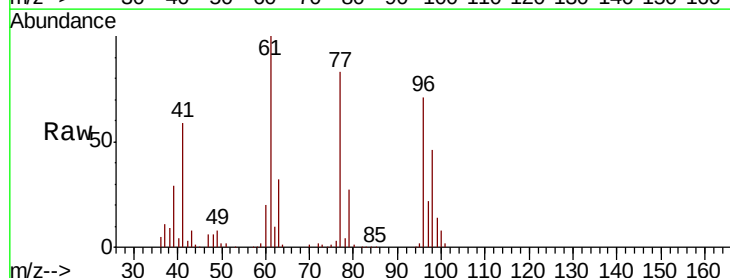
Acq: 14 Nov 2018 17:38

Tgt Ion: 77 Resp: 1051099

Ion Ratio Lower Upper

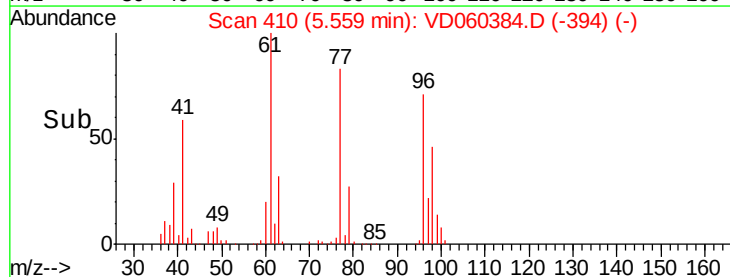
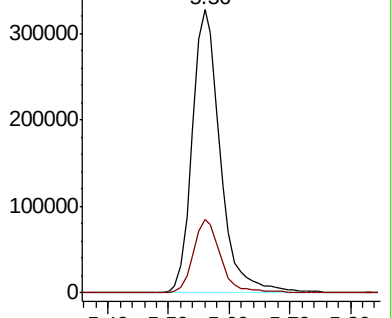
77 100

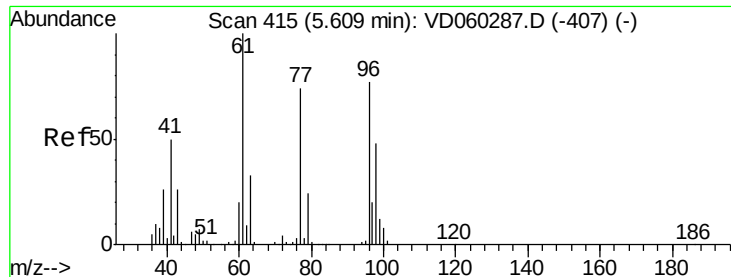
97 26.1 12.6 37.8



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



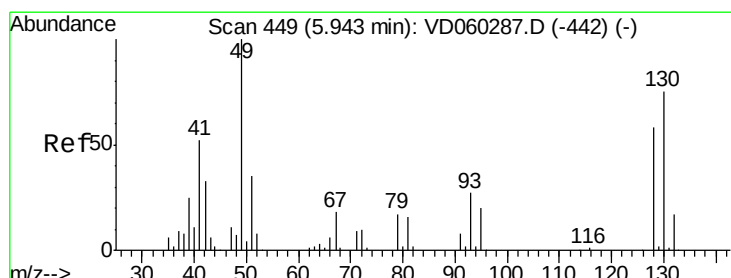
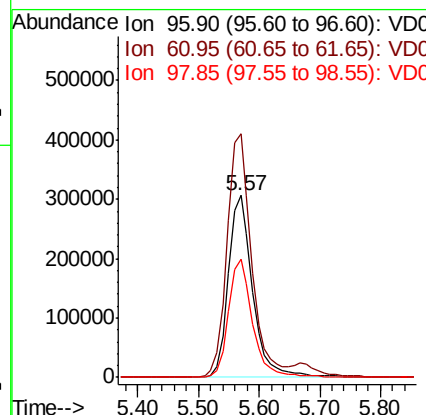
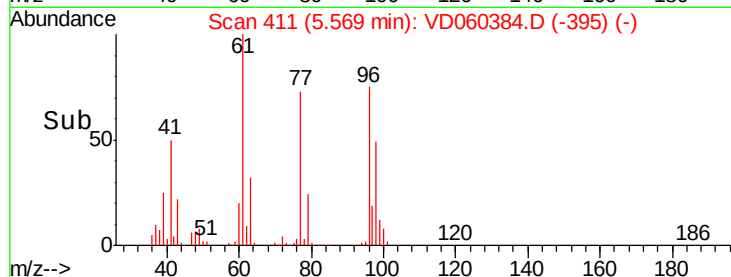
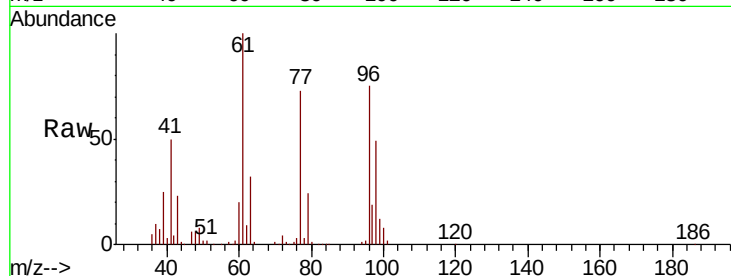


#27

cis-1,2-Dichloroethene
Concen: 46.284 ug/l
RT: 5.57 min Scan# 411
Delta R.T. -0.04 min
Lab File: VD060384.D
Acq: 14 Nov 2018 17:38

Instrument :
MSVOA_D
ClientSampleId :
FDSB-05(25-27)MSD

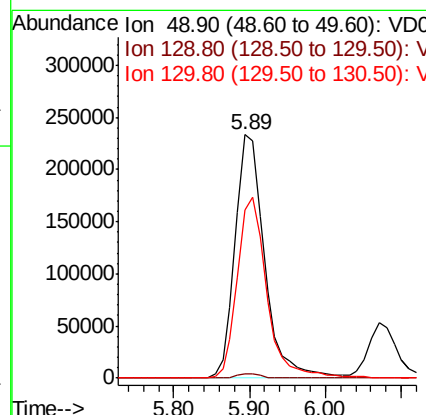
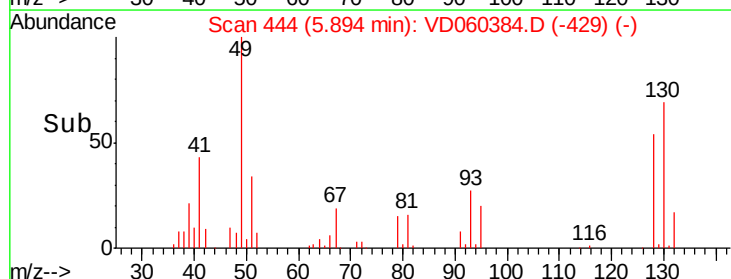
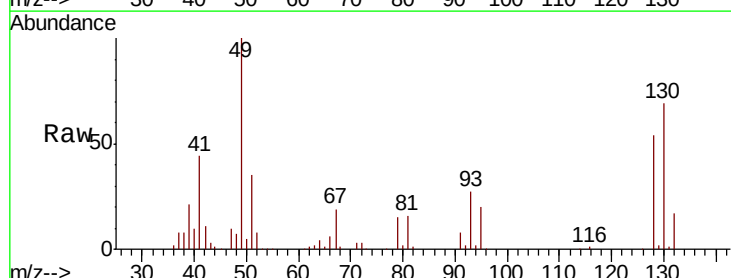
Tot Ion: 96 Resp: 852878
Ion Ratio Lower Upper
96 100
61 134.1 0.0 259.0
98 65.4 0.0 128.8

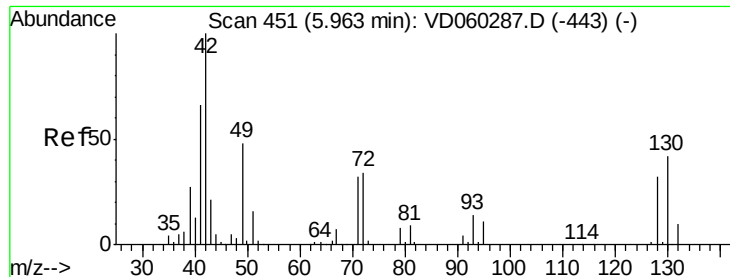


#28

Bromochloromethane
Concen: 48.897 ug/l
RT: 5.89 min Scan# 444
Delta R.T. -0.05 min
Lab File: VD060384.D
Acq: 14 Nov 2018 17:38

Tgt Ion: 49 Resp: 630030
Ion Ratio Lower Upper
49 100
129 1.5 0.0 2.8
130 68.9 53.6 80.4





#29

Tetrahydrofuran

Concen: 206.704 ug/l

RT: 5.92 min Scan# 447

Delta R.T. -0.04 min

Lab File: VD060384.D

Acq: 14 Nov 2018 17:38

Instrument :

MSVOA_D

ClientSampleId :

FDSB-05(25-27)MSD

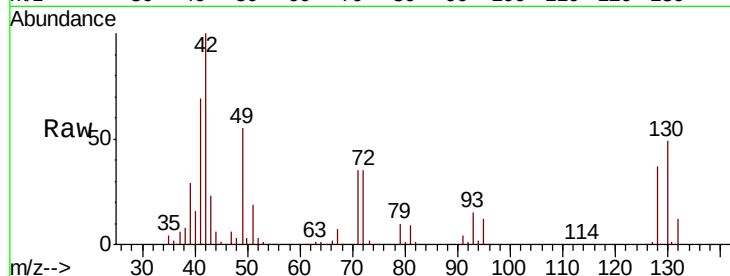
Tot Ion: 42 Resp: 459329

Ion Ratio Lower Upper

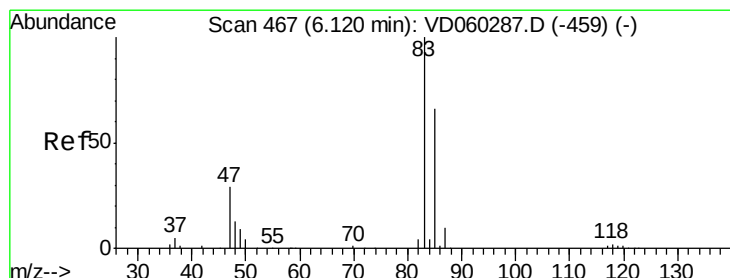
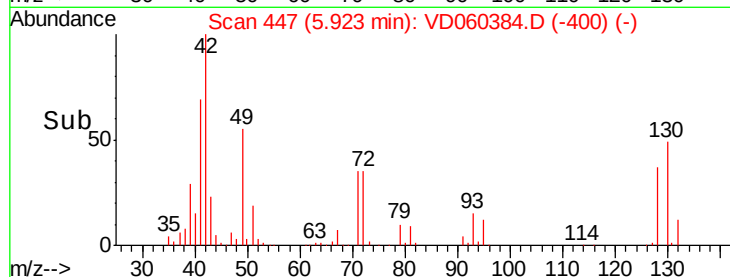
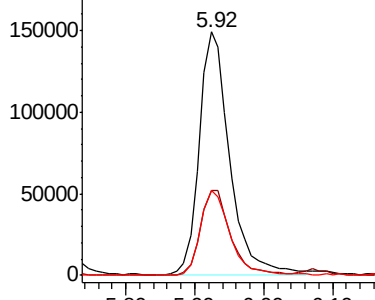
42 100

72 34.4 27.6 41.4

71 34.0 26.5 39.7



Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 49.590 ug/l

RT: 6.07 min Scan# 462

Delta R.T. -0.05 min

Lab File: VD060384.D

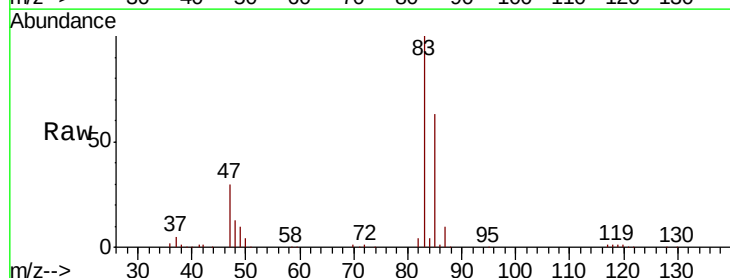
Acq: 14 Nov 2018 17:38

Tgt Ion: 83 Resp: 1447702

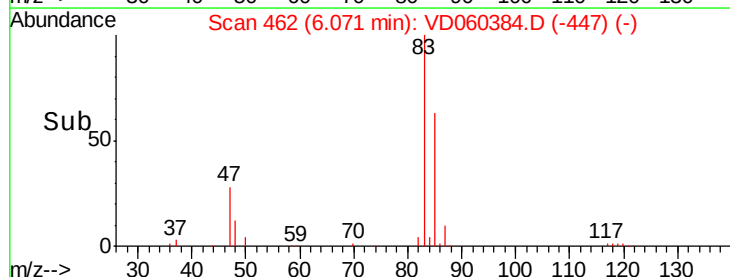
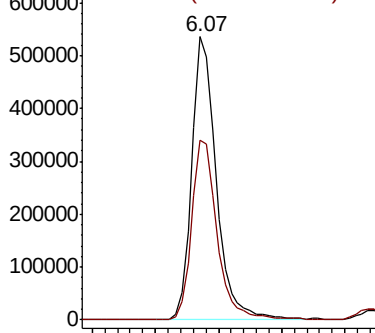
Ion Ratio Lower Upper

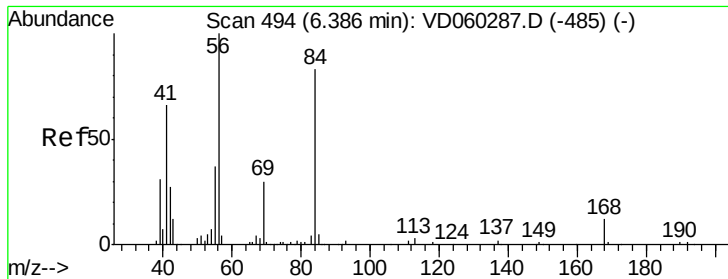
83 100

85 63.3 52.5 78.7



Abundance Ion 82.95 (82.65 to 83.65): VDC
Ion 84.95 (84.65 to 85.65): VDC

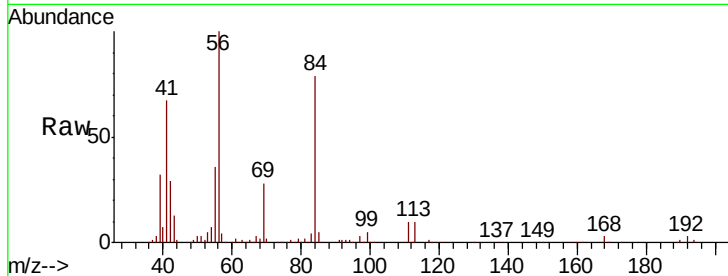




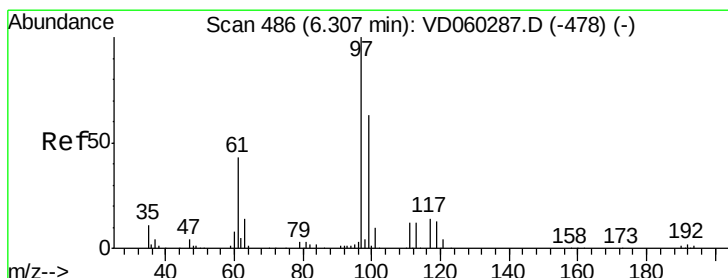
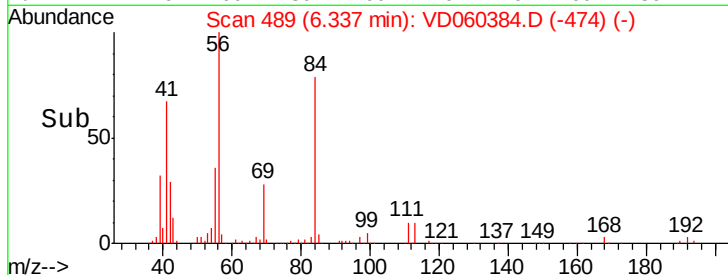
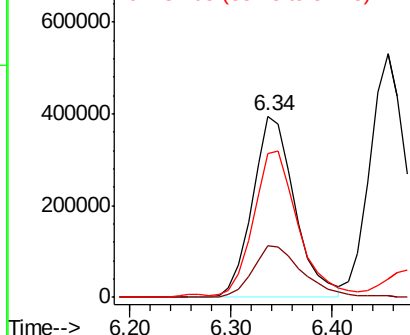
#31
Cyclohexane
Concen: 41.336 ug/l
RT: 6.34 min Scan# 489
Delta R.T. -0.05 min
Lab File: VD060384.D
Acq: 14 Nov 2018 17:38

Instrument :
MSVOA_D
ClientSampleId :
FDSB-05(25-27)MSD

Tot Ion: 56 Resp: 1153730
Ion Ratio Lower Upper
56 100
69 28.2 22.2 33.2
84 79.5 63.0 94.4

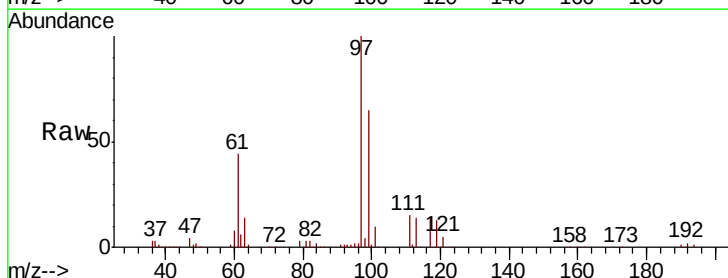


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

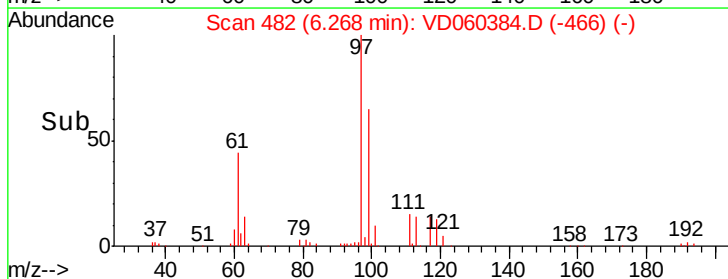
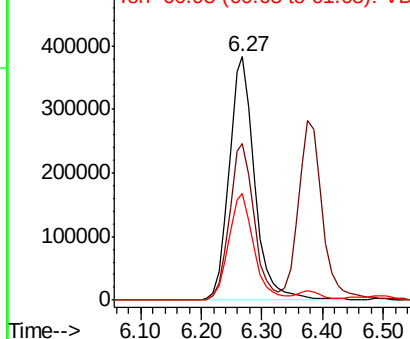


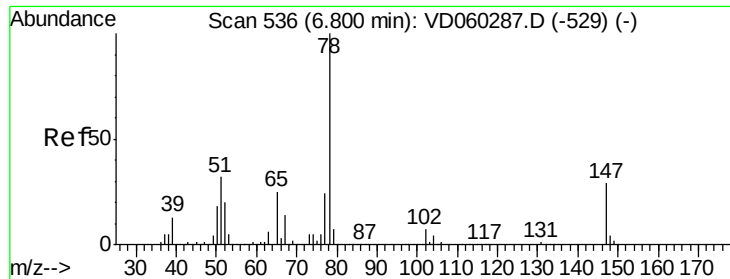
#32
1,1,1-Trichloroethane
Concen: 45.477 ug/l
RT: 6.27 min Scan# 482
Delta R.T. -0.04 min
Lab File: VD060384.D
Acq: 14 Nov 2018 17:38

Tgt Ion: 97 Resp: 1118312
Ion Ratio Lower Upper
97 100
99 64.6 51.5 77.3
61 43.7 35.8 53.8



Abundance Ion 96.85 (96.55 to 97.55): VDC
Ion 98.85 (98.55 to 99.55): VDC
Ion 60.95 (60.65 to 61.65): VDC

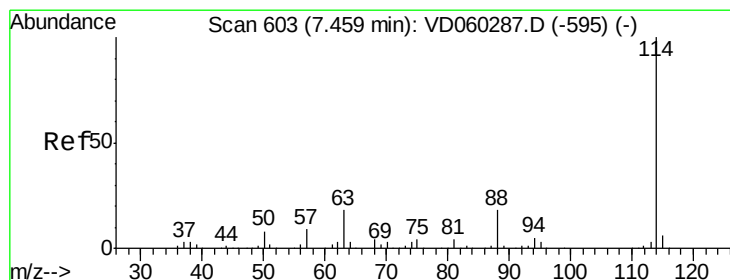
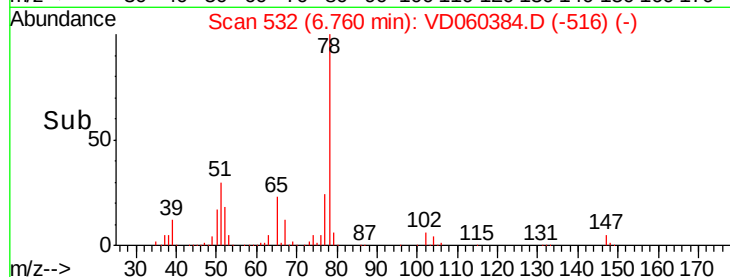
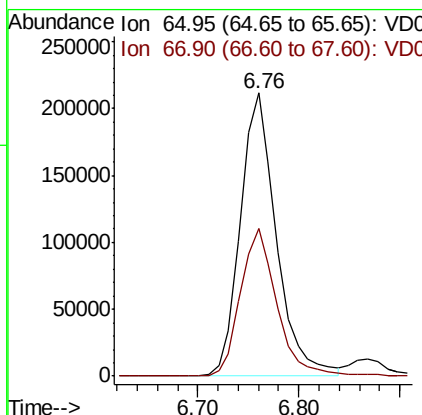
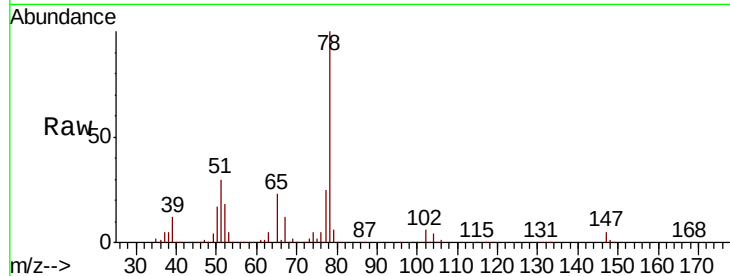




#33
 1,2-Dichloroethane-d4
 Concen: 45.477 ug/l
 RT: 6.76 min Scan# 532
 Delta R.T. -0.04 min
 Lab File: VD060384.D
 Acq: 14 Nov 2018 17:38

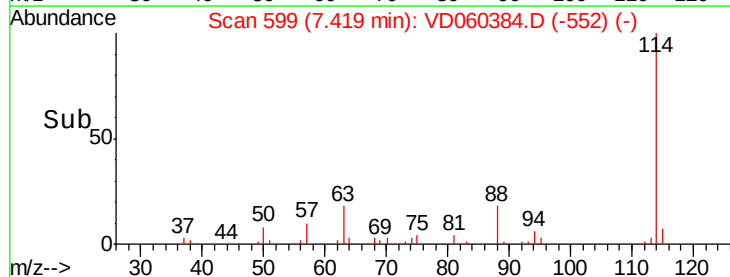
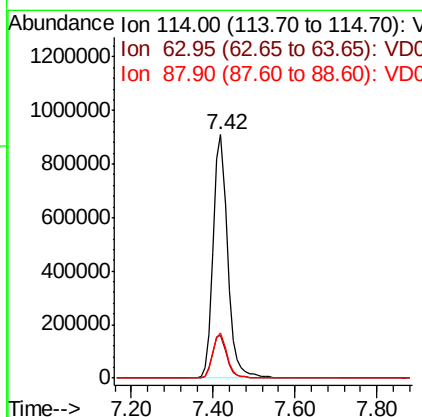
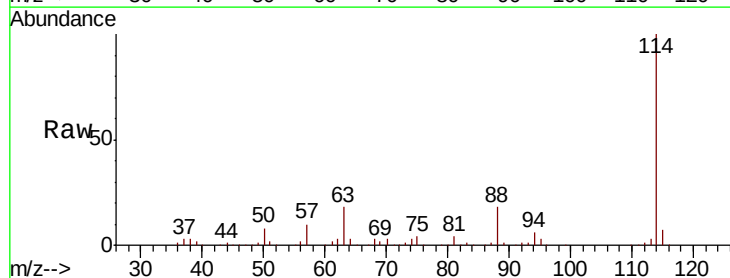
Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-05(25-27)MSD

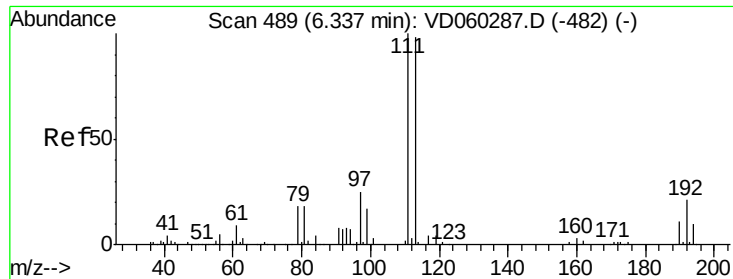
Tot Ion: 65 Resp: 525892
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.42 min Scan# 599
 Delta R.T. -0.04 min
 Lab File: VD060384.D
 Acq: 14 Nov 2018 17:38

Tgt Ion: 114 Resp: 2211465
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 34.0
 88 18.4 0.0 35.4

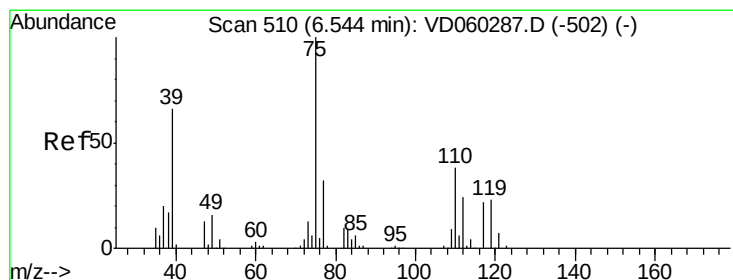
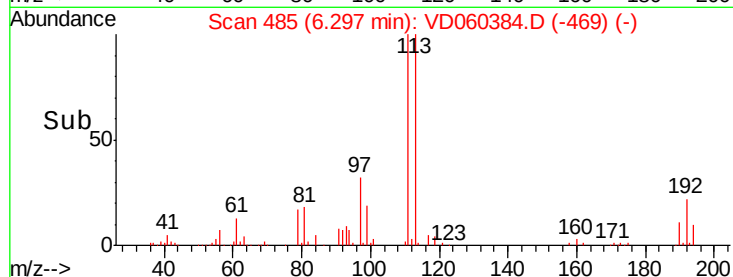
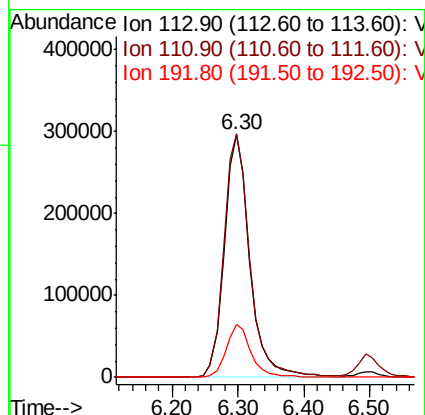
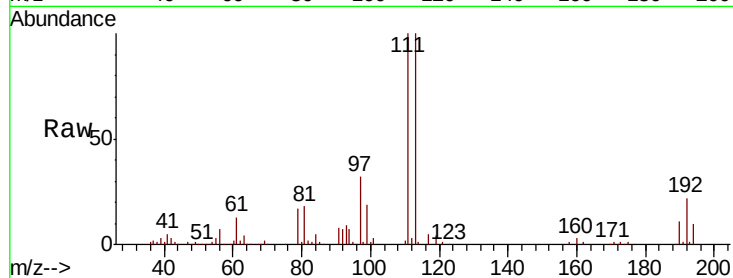




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.30 min Scan# 485
 Delta R.T. -0.04 min
 Lab File: VD060384.D
 Acq: 14 Nov 2018 17:38

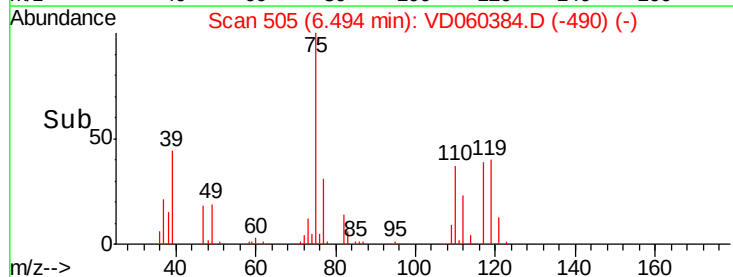
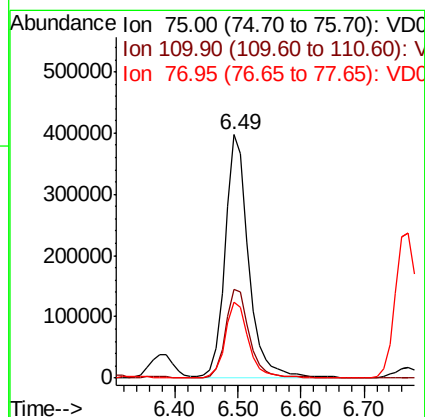
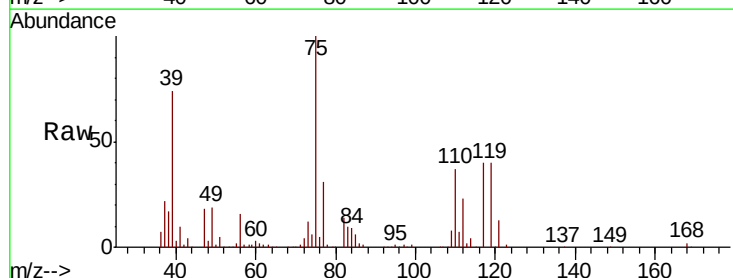
Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-05(25-27)MSD

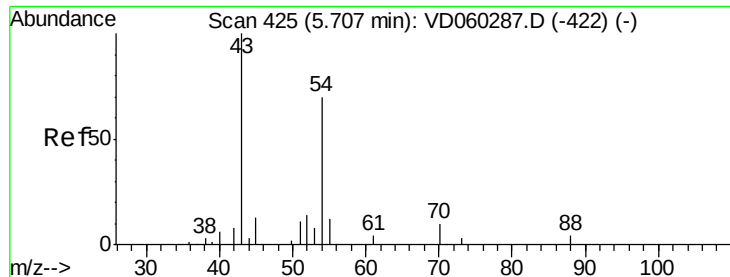
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.2	81.6	122.4
192	21.7	16.5	24.7



#36
 1,1-Dichloropropene
 Concen: 46.394 ug/l
 RT: 6.49 min Scan# 505
 Delta R.T. -0.05 min
 Lab File: VD060384.D
 Acq: 14 Nov 2018 17:38

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.6	18.0	54.0
77	31.3	25.6	38.4

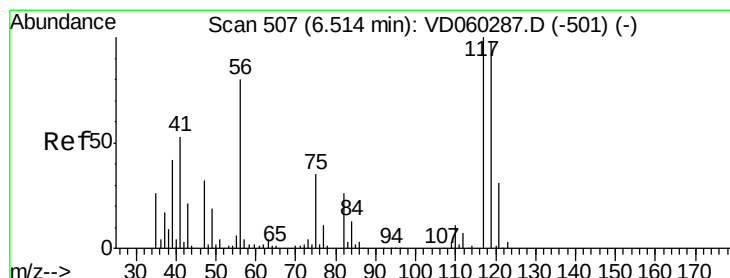
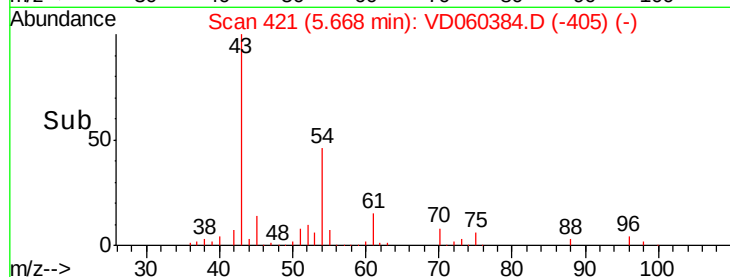
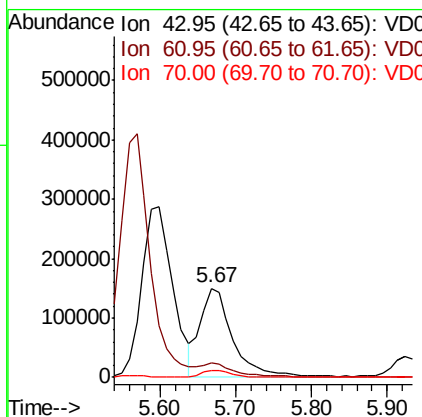
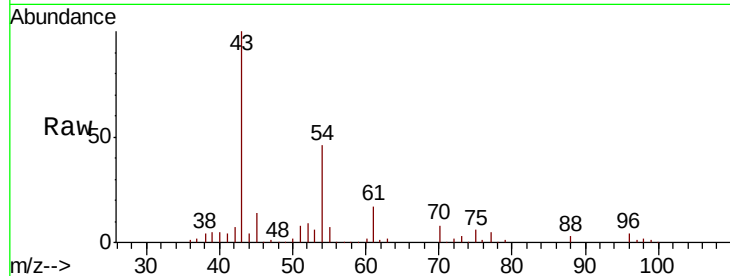




#37
Ethyl Acetate
Concen: 43.801 ug/l
RT: 5.67 min Scan# 421
Delta R.T. -0.04 min
Lab File: VD060384.D
Acq: 14 Nov 2018 17:38

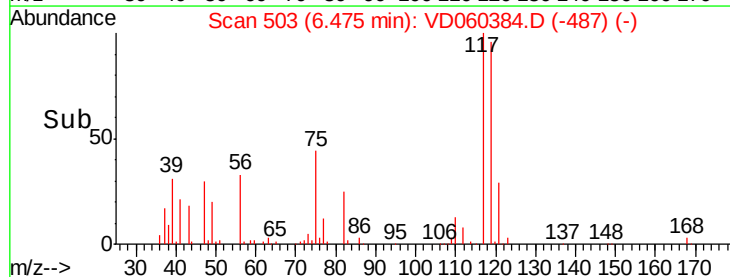
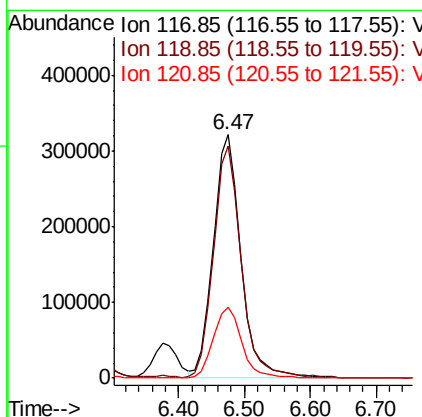
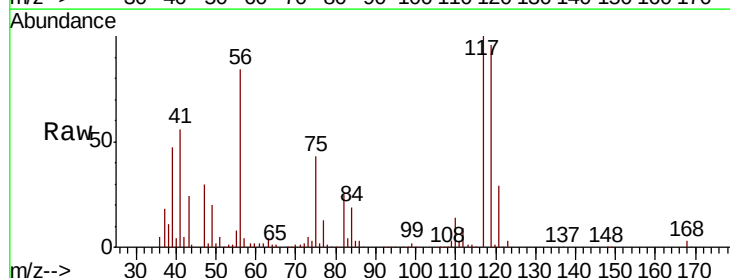
Instrument :
MSVOA_D
ClientSampleId :
FDSB-05(25-27)MSD

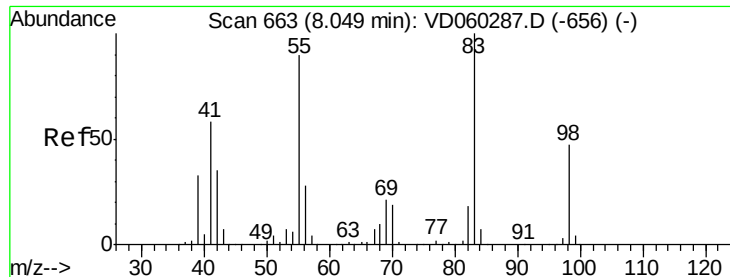
Tot Ion: 43 Resp: 440362
Ion Ratio Lower Upper
43 100
61 16.5 11.8 17.6
70 7.7 6.2 9.4



#38
Carbon Tetrachloride
Concen: 45.561 ug/l
RT: 6.47 min Scan# 503
Delta R.T. -0.04 min
Lab File: VD060384.D
Acq: 14 Nov 2018 17:38

Tgt Ion: 117 Resp: 923389
Ion Ratio Lower Upper
117 100
119 95.5 76.6 115.0
121 29.2 24.3 36.5

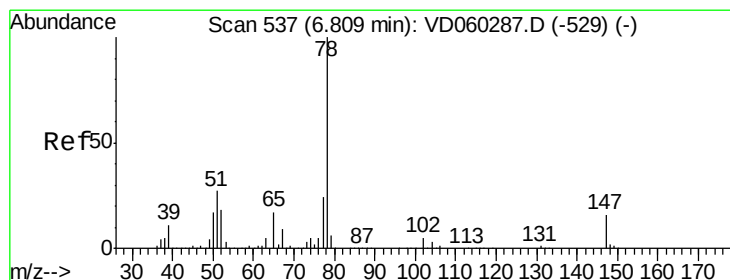
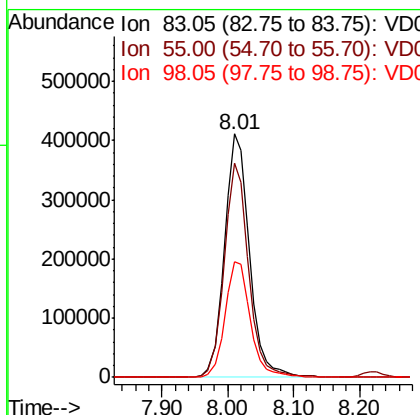
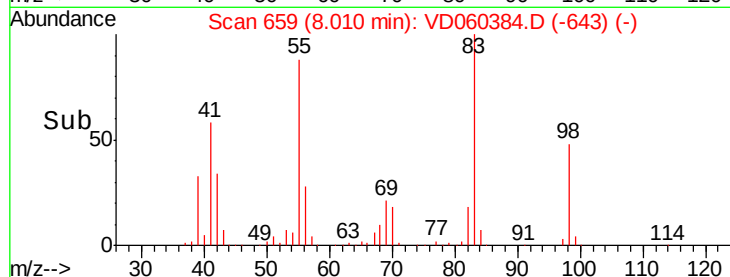
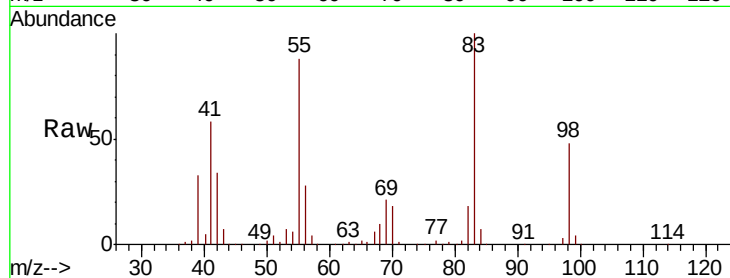




#39
Methylvlcyclohexane
Concen: 43.350 ug/l
RT: 8.01 min Scan# 659
Delta R.T. -0.04 min
Lab File: VD060384.D
Acq: 14 Nov 2018 17:38

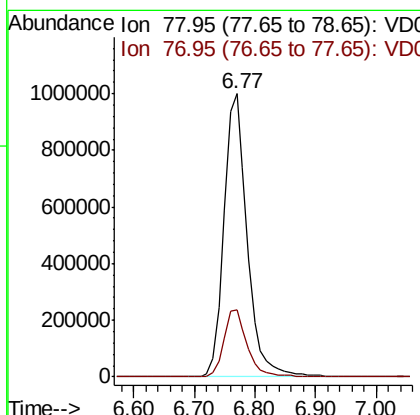
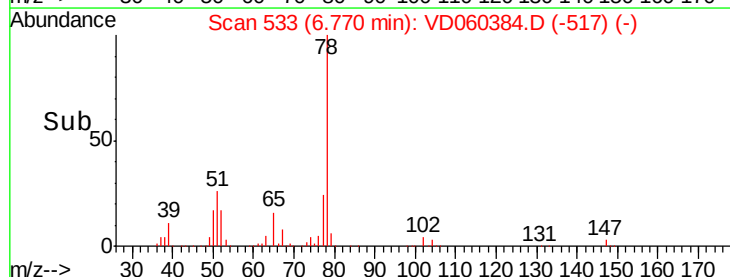
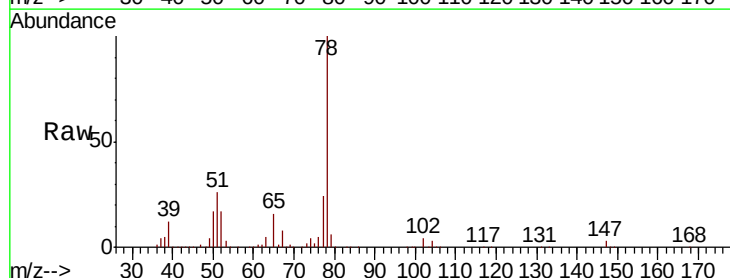
Instrument :
MSVOA_D
ClientSampleId :
FDSB-05(25-27)MSD

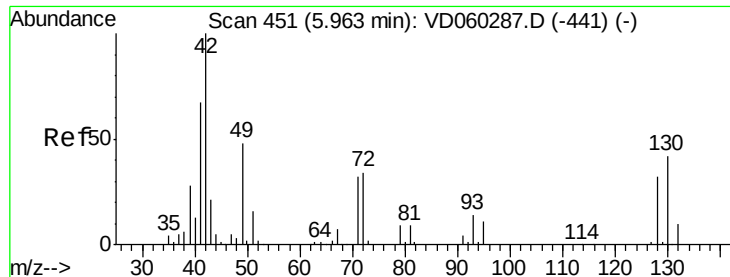
Tot Ion: 83 Resp: 1089337
Ion Ratio Lower Upper
83 100
55 88.0 71.2 106.8
98 47.7 38.4 57.6



#40
Benzene
Concen: 47.557 ug/l
RT: 6.77 min Scan# 533
Delta R.T. -0.04 min
Lab File: VD060384.D
Acq: 14 Nov 2018 17:38

Tgt Ion: 78 Resp: 2652297
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2

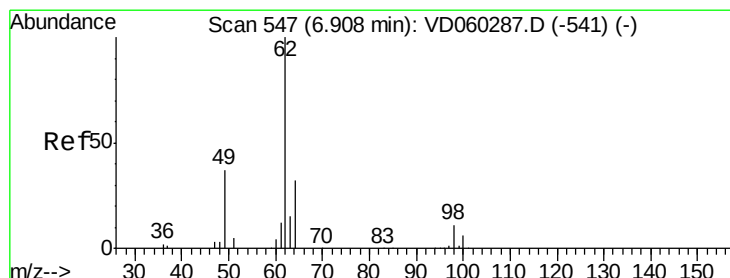
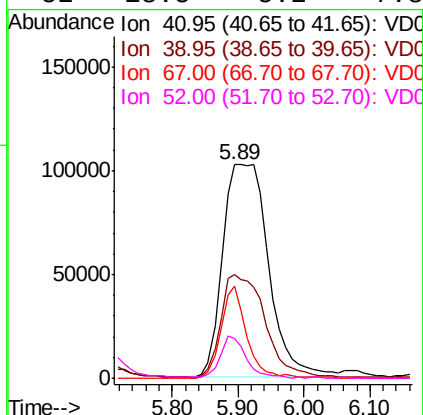
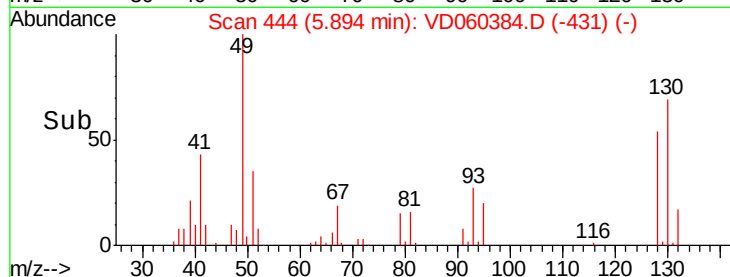
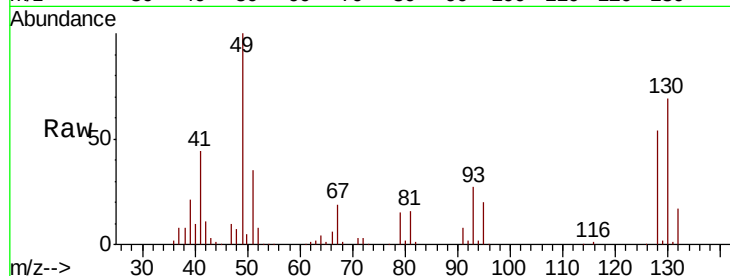




#41
Methacrylonitrile
Concen: 43.554 ug/l
RT: 5.89 min Scan# 444
Delta R.T. -0.07 min
Lab File: VD060384.D
Acq: 14 Nov 2018 17:38

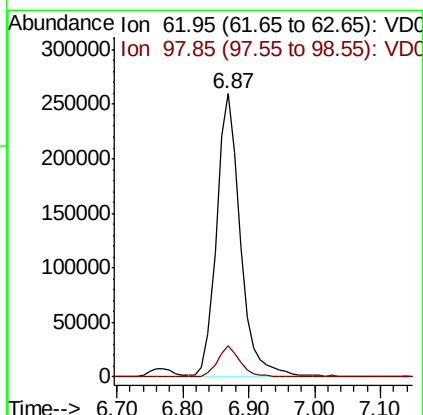
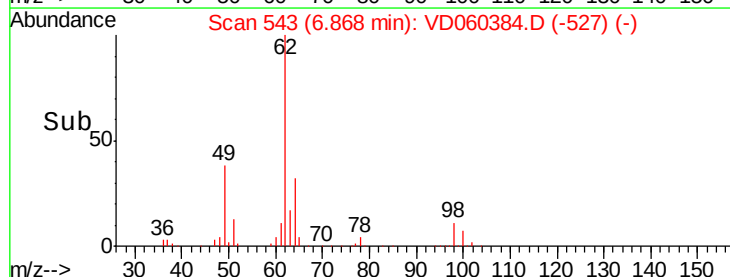
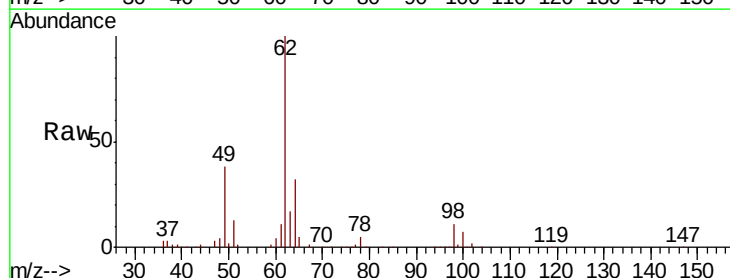
Instrument :
MSVOA_D
ClientSampleId :
FDSB-05(25-27)MSD

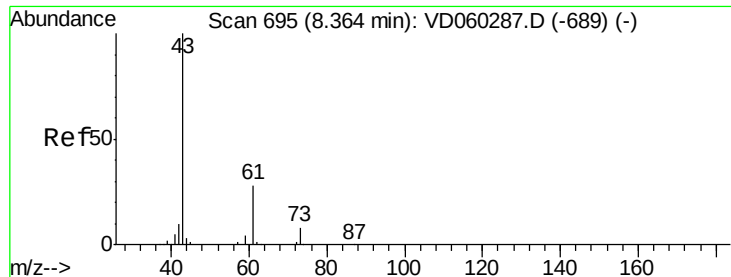
Tot Ion:	41	Resp:	501174
Ion	Ratio	Lower	Upper
41	100		
39	48.6	36.2	54.2
67	43.3	11.9	17.9#
52	18.5	5.2	7.8#



#42
1,2-Dichloroethane
Concen: 44.309 ug/l
RT: 6.87 min Scan# 543
Delta R.T. -0.04 min
Lab File: VD060384.D
Acq: 14 Nov 2018 17:38

Tgt Ion:	62	Resp:	646797
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	22.0





#43

Isopropyl Acetate

Concen: 44.452 ug/l

RT: 8.32 min Scan# 691

Delta R.T. -0.04 min

Lab File: VD060384.D

Acq: 14 Nov 2018 17:38

Instrument :

MSVOA_D

ClientSampleId :

FDSB-05(25-27)MSD

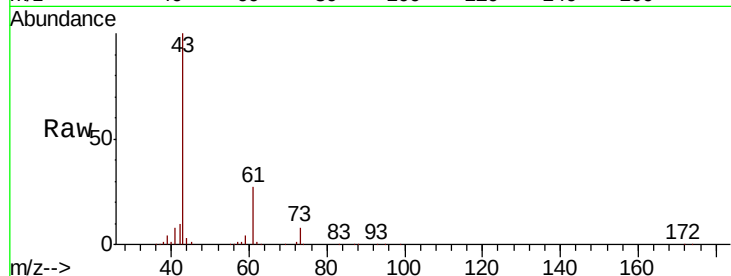
Tot Ion: 43 Resp: 561370

Ion Ratio Lower Upper

43 100

61 26.6 22.3 33.5

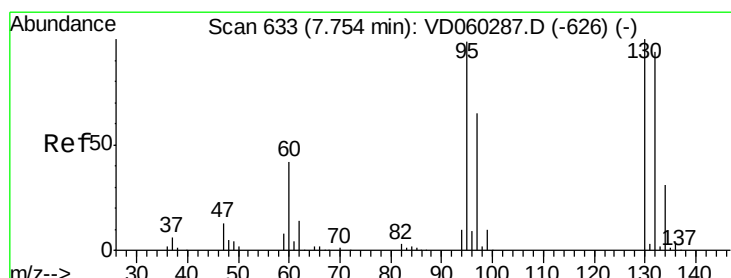
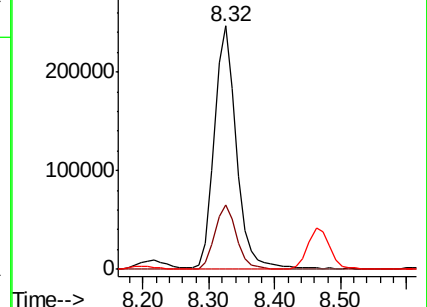
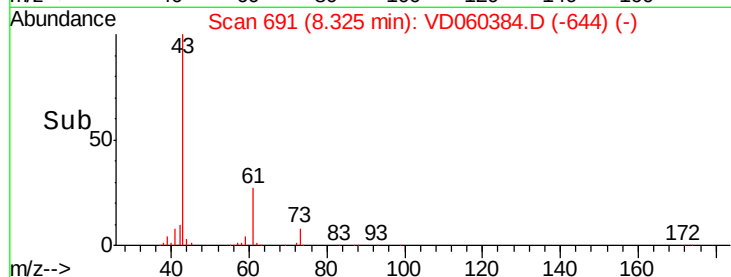
87 0.3 0.2 0.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 48.421 ug/l

RT: 7.71 min Scan# 629

Delta R.T. -0.04 min

Lab File: VD060384.D

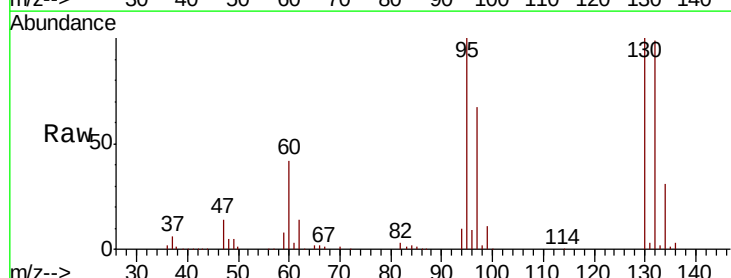
Acq: 14 Nov 2018 17:38

Tgt Ion:130 Resp: 818602

Ion Ratio Lower Upper

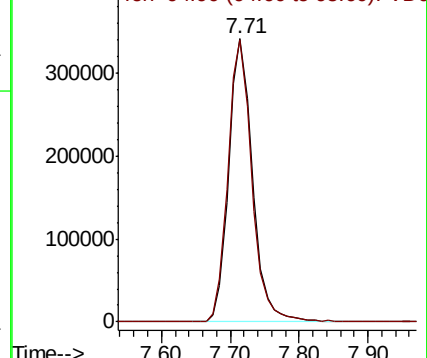
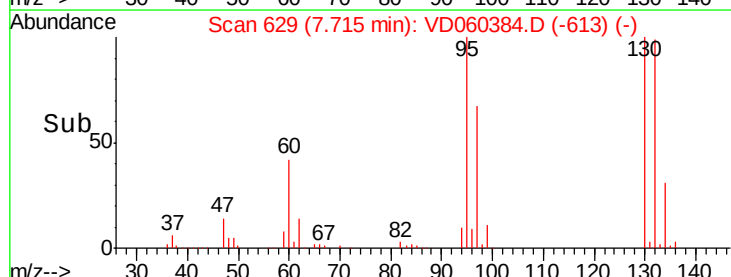
130 100

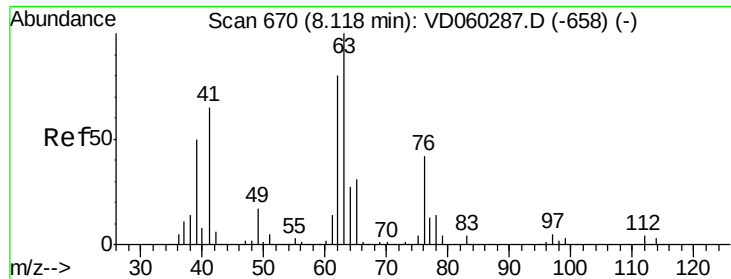
95 99.6 0.0 200.0



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

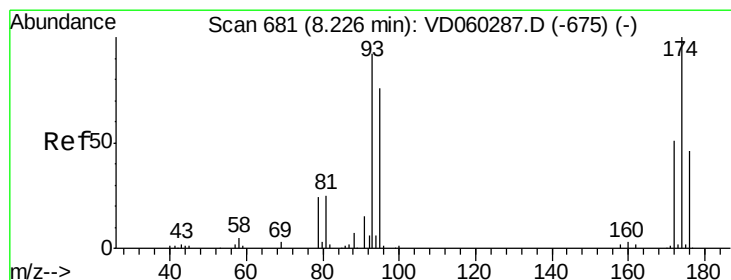
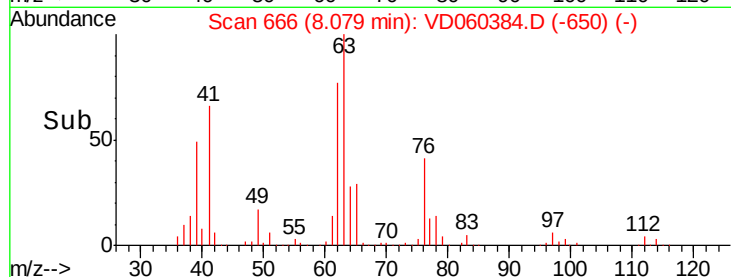
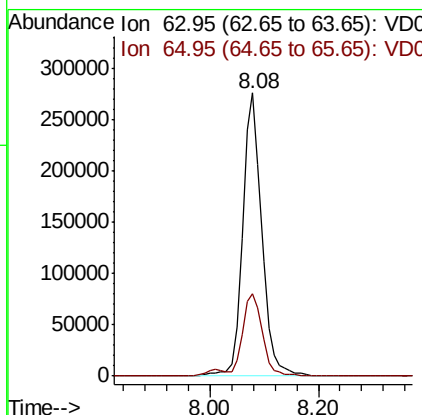
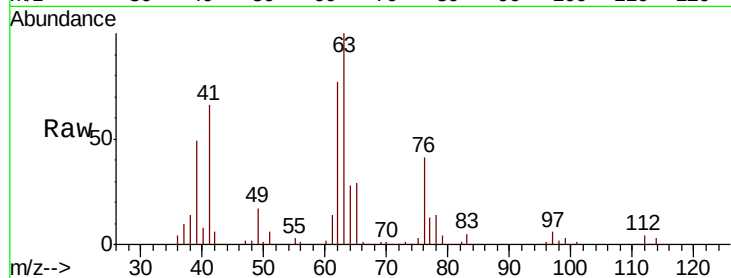




#45
 1,2-Dichloropropane
 Concen: 48.060 ug/l
 RT: 8.08 min Scan# 666
 Delta R.T. -0.04 min
 Lab File: VD060384.D
 Acq: 14 Nov 2018 17:38

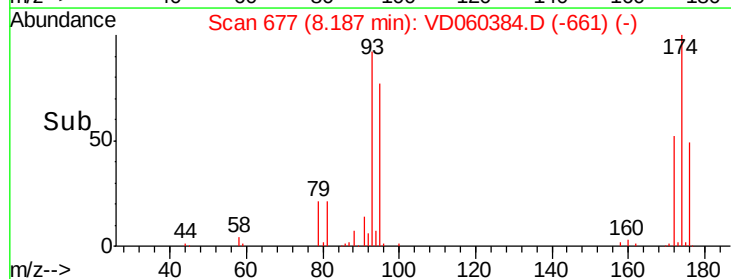
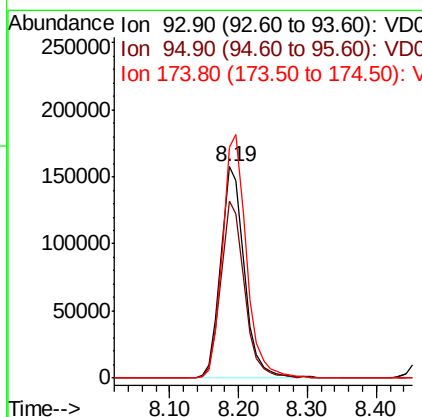
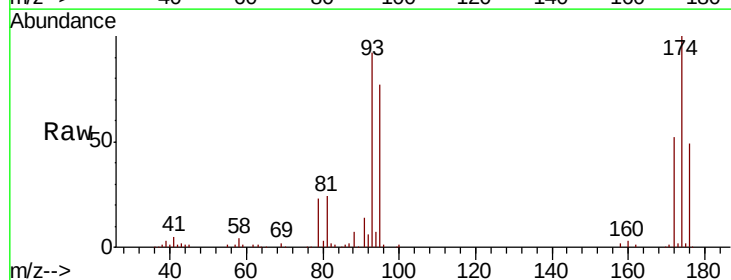
Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-05(25-27)MSD

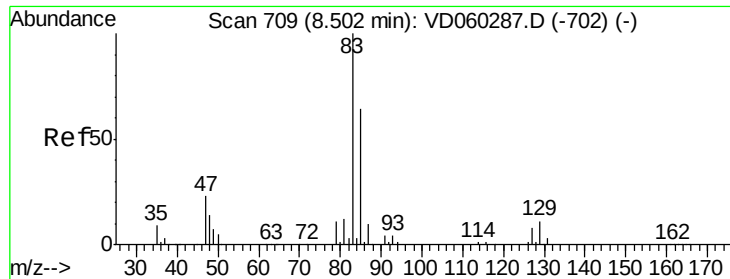
Tot Ion: 63 Resp: 675977
 Ion Ratio Lower Upper
 63 100
 65 29.2 23.4 35.2



#46
 Dibromomethane
 Concen: 45.408 ug/l
 RT: 8.19 min Scan# 677
 Delta R.T. -0.04 min
 Lab File: VD060384.D
 Acq: 14 Nov 2018 17:38

Tgt Ion: 93 Resp: 374063
 Ion Ratio Lower Upper
 93 100
 95 84.1 66.4 99.6
 174 109.2 87.8 131.8





#47

Bromodichloromethane

Concen: 46.914 ug/l

RT: 8.46 min Scan# 705

Delta R.T. -0.04 min

Lab File: VD060384.D

Acq: 14 Nov 2018 17:38

Instrument :

MSVOA_D

ClientSampleId :

FDSB-05(25-27)MSD

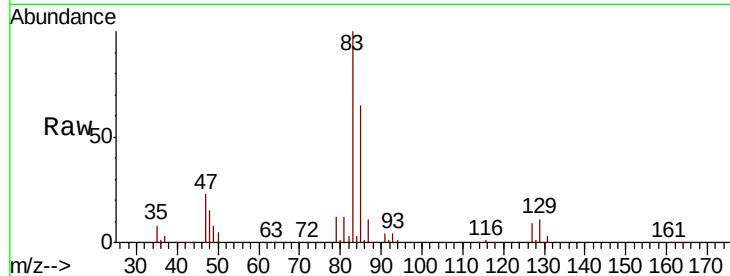
Tot Ion: 83 Resp: 910710

Ion Ratio Lower Upper

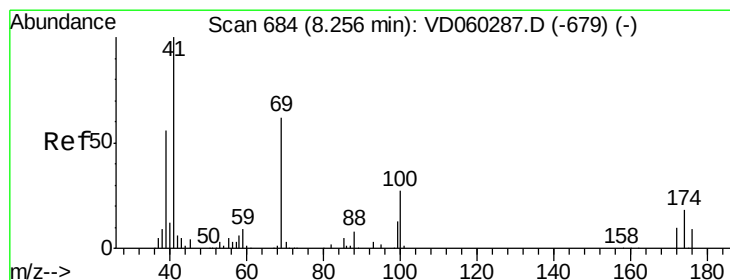
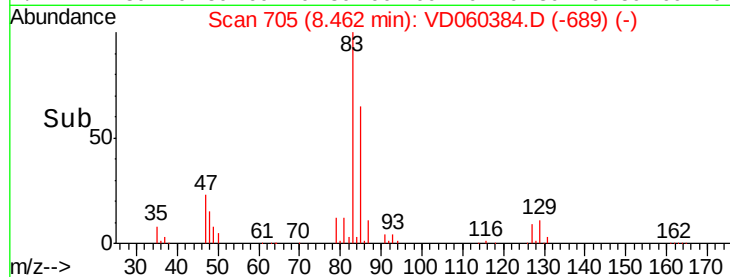
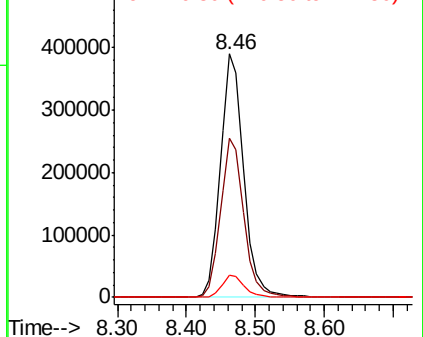
83 100

85 65.2 51.0 76.6

127 9.0 6.2 9.4



Abundance Ion 82.85 (82.55 to 83.55): VDC
Ion 84.95 (84.65 to 85.65): VDC
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 45.230 ug/l

RT: 8.22 min Scan# 680

Delta R.T. -0.04 min

Lab File: VD060384.D

Acq: 14 Nov 2018 17:38

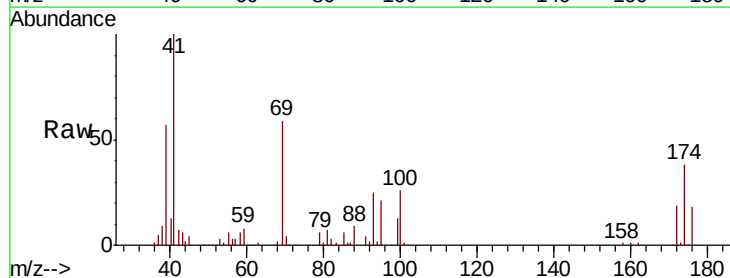
Tgt Ion: 41 Resp: 346957

Ion Ratio Lower Upper

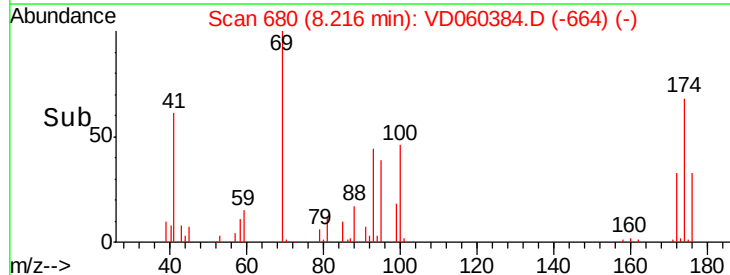
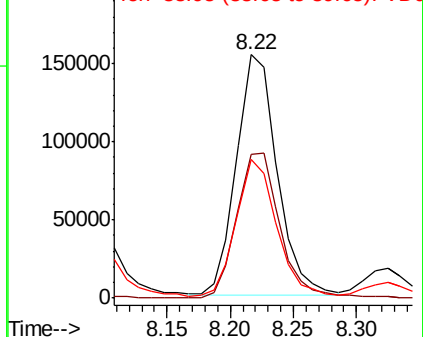
41 100

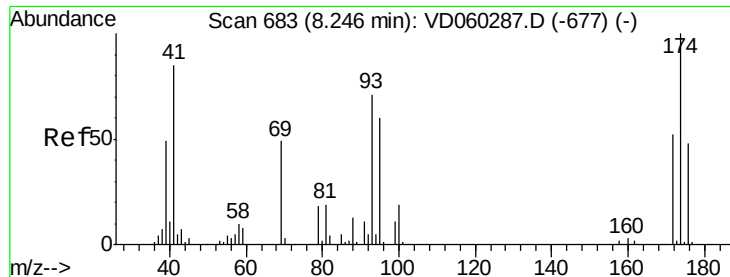
69 59.3 47.0 70.4

39 56.9 46.2 69.4



Abundance Ion 40.95 (40.65 to 41.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 38.95 (38.65 to 39.65): VDC





#49

1,4-Dioxane

Concen: 977.950 ug/l

RT: 8.21 min Scan# 679

Delta R.T. -0.04 min

Lab File: VD060384.D

Acq: 14 Nov 2018 17:38

Instrument :

MSVOA_D

ClientSampleId :

FDSB-05(25-27)MSD

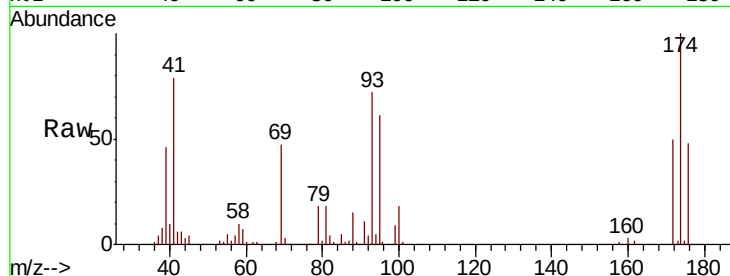
Tot Ion: 88 Resp: 64908

Ion Ratio Lower Upper

88 100

43 42.0 39.7 59.5

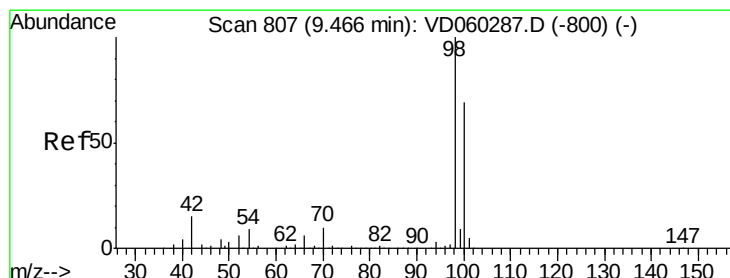
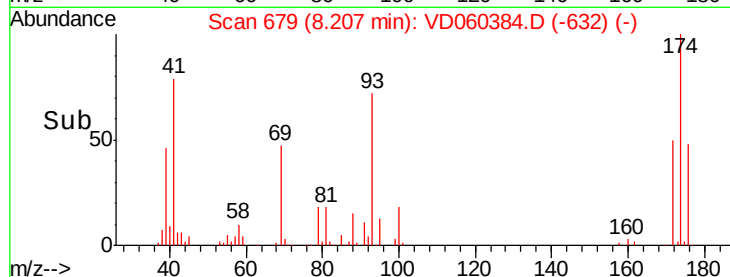
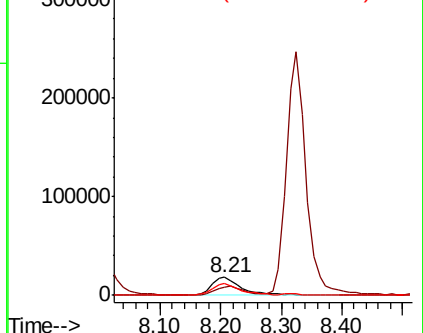
58 64.9 60.2 90.2



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 57.95 (57.65 to 58.65): VDC



#50

Toluene-d8

Concen: 977.950 ug/l

RT: 9.43 min Scan# 803

Delta R.T. -0.04 min

Lab File: VD060384.D

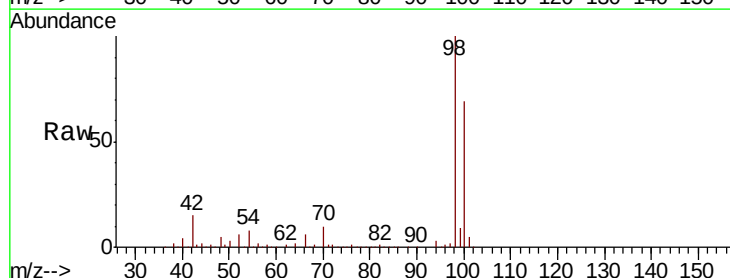
Acq: 14 Nov 2018 17:38

Tgt Ion: 98 Resp: 2348846

Ion Ratio Lower Upper

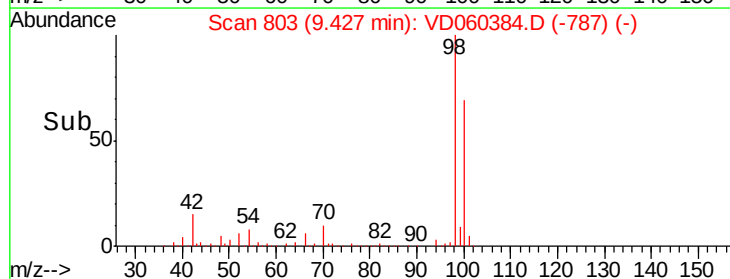
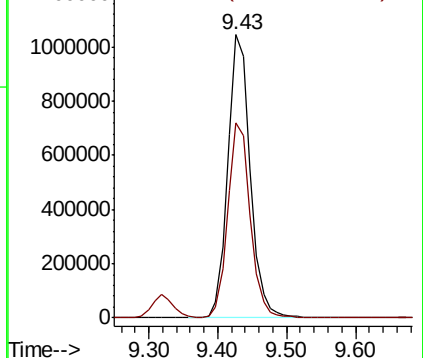
98 100

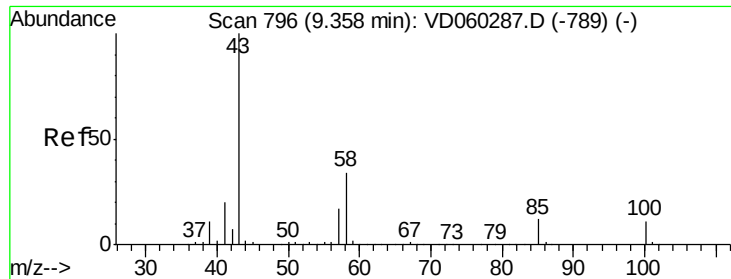
100 69.0 55.2 82.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC





#51

4-Methyl-2-Pentanone

Concen: 216.550 ug/l

RT: 9.32 min Scan# 792

Delta R.T. -0.04 min

Lab File: VD060384.D

Acq: 14 Nov 2018 17:38

Instrument :

MSVOA_D

ClientSampleId :

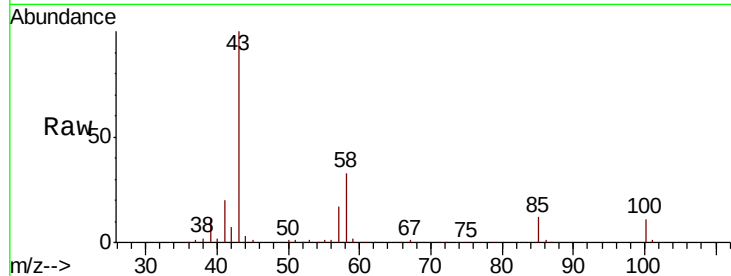
FDSB-05(25-27)MSD

Tot Ion: 43 Resp: 1779942

Ion Ratio Lower Upper

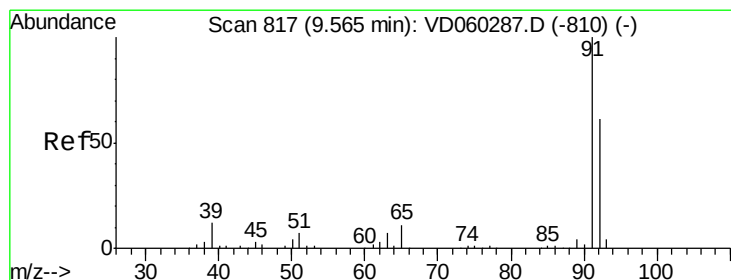
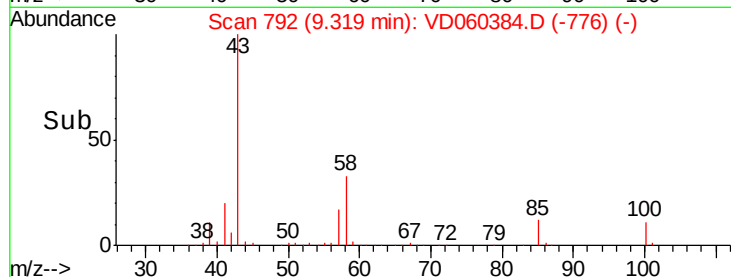
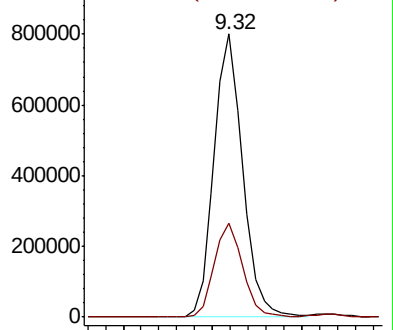
43 100

58 33.3 26.1 39.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 46.854 ug/l

RT: 9.53 min Scan# 813

Delta R.T. -0.04 min

Lab File: VD060384.D

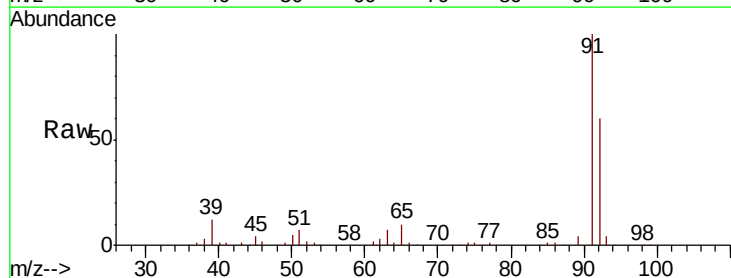
Acq: 14 Nov 2018 17:38

Tgt Ion: 92 Resp: 1669188

Ion Ratio Lower Upper

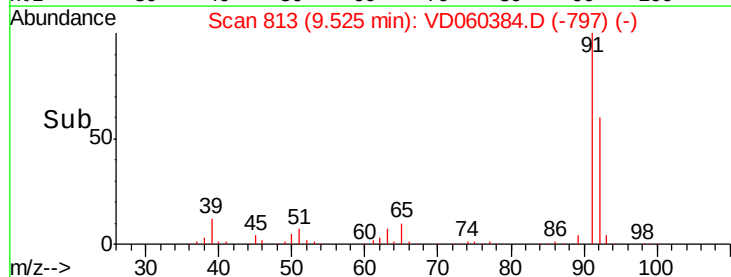
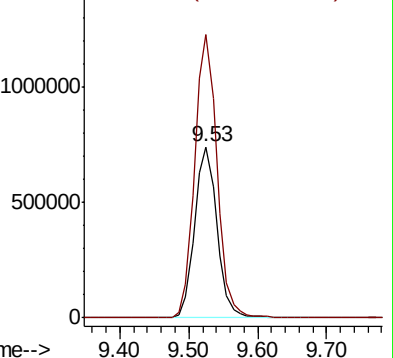
92 100

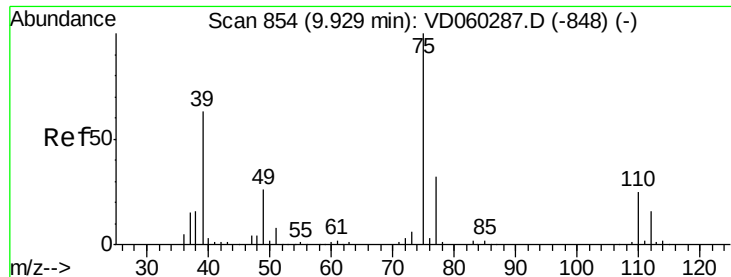
91 165.7 131.9 197.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

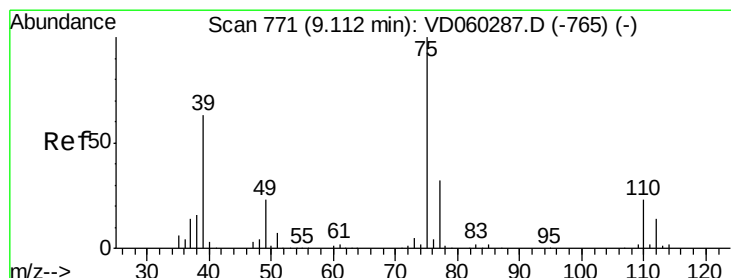
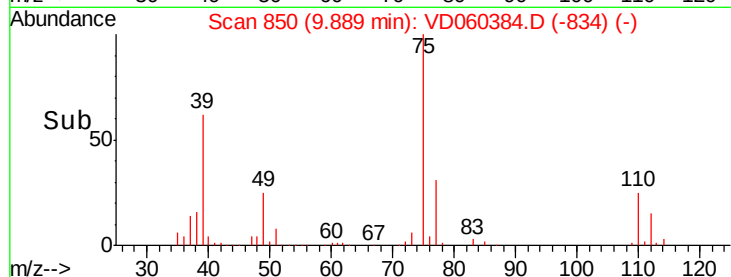
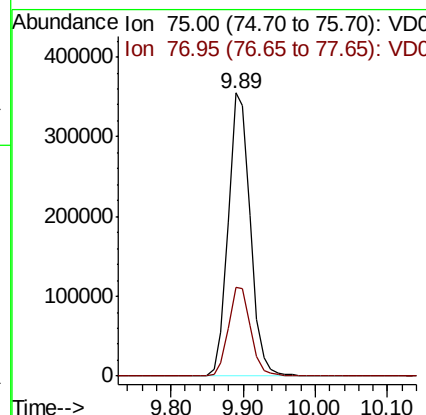
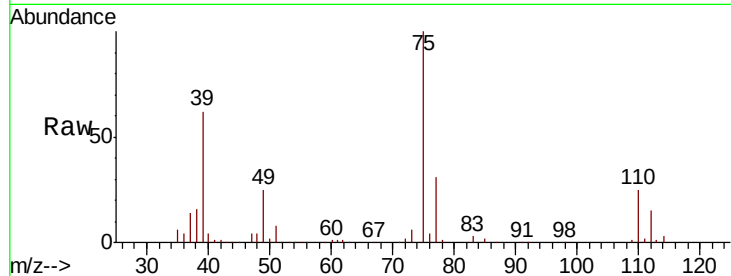




#53
 t-1,3-Dichloropropene
 Concen: 45.745 ug/l
 RT: 9.89 min Scan# 850
 Delta R.T. -0.04 min
 Lab File: VD060384.D
 Acq: 14 Nov 2018 17:38

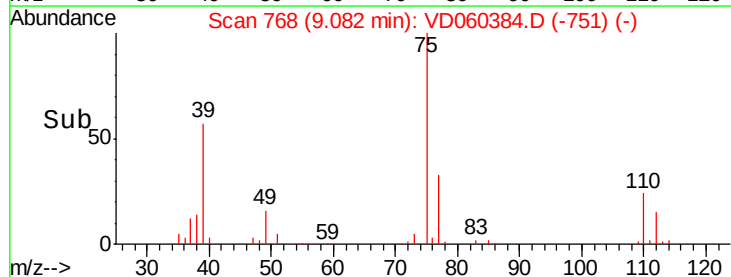
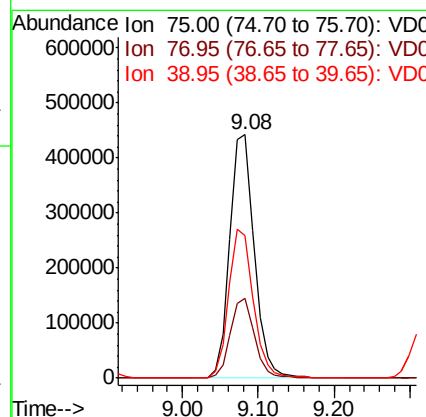
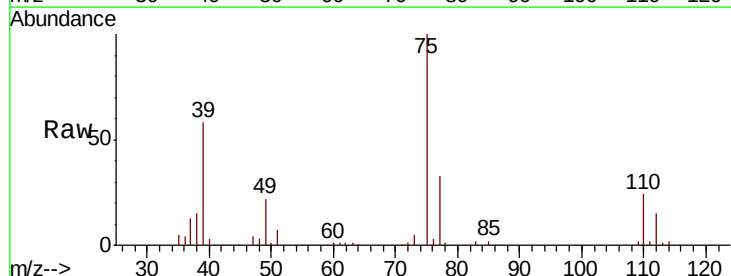
Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-05(25-27)MSD

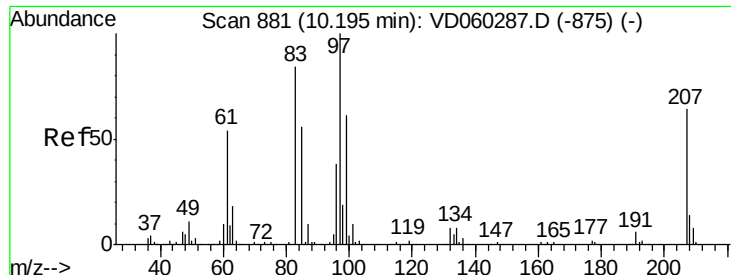
Tot Ion: 75 Resp: 750298
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 47.299 ug/l
 RT: 9.08 min Scan# 768
 Delta R.T. -0.03 min
 Lab File: VD060384.D
 Acq: 14 Nov 2018 17:38

Tgt Ion: 75 Resp: 995023
 Ion Ratio Lower Upper
 75 100
 77 33.0 26.3 39.5
 39 58.3 50.8 76.2

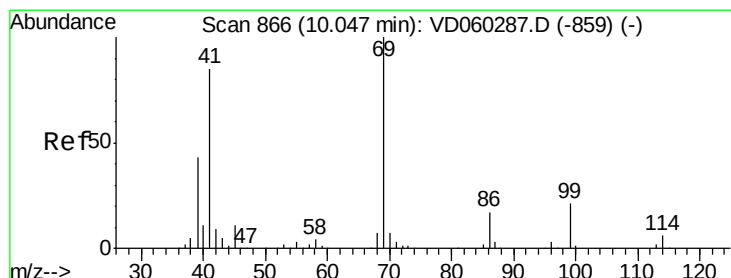
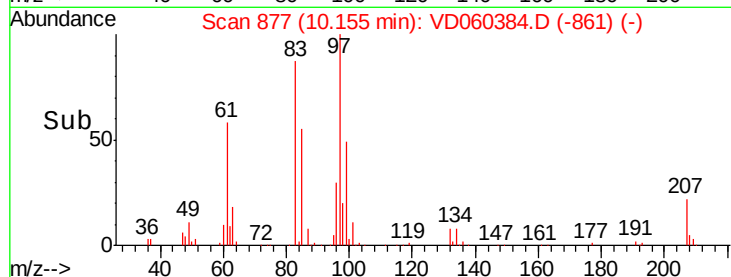
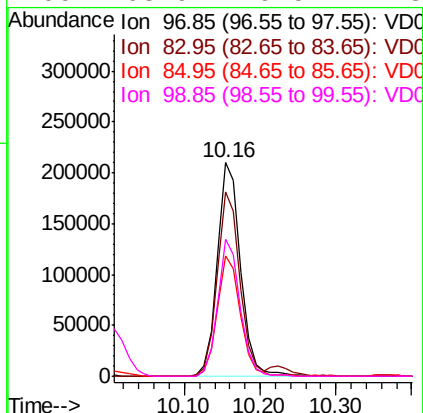
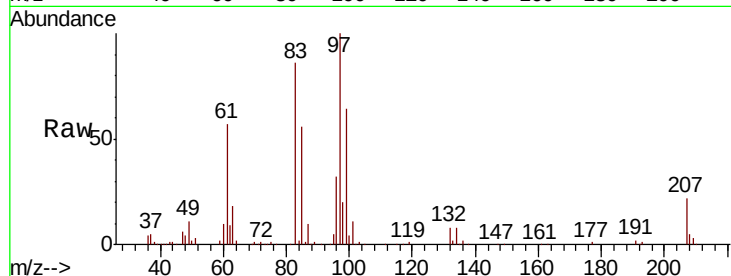




#55
 1,1,2-Trichloroethane
 Concen: 43.983 ug/l
 RT: 10.16 min Scan# 877
 Delta R.T. -0.04 min
 Lab File: VD060384.D
 Acq: 14 Nov 2018 17:38

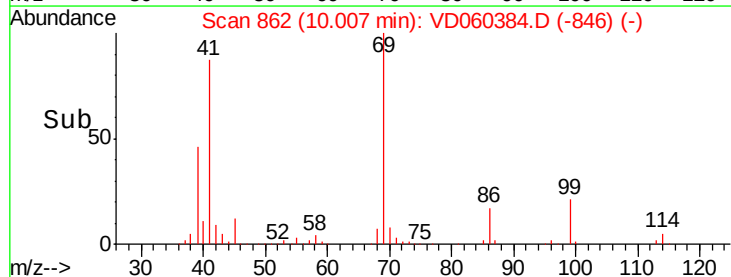
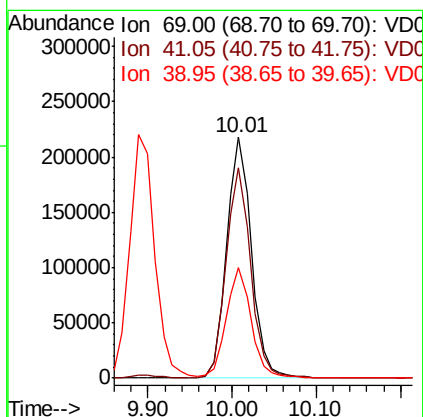
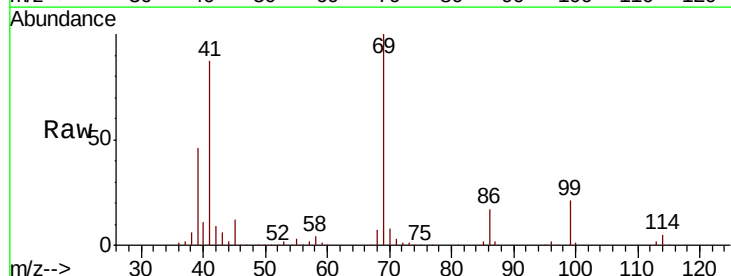
Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-05(25-27)MSD

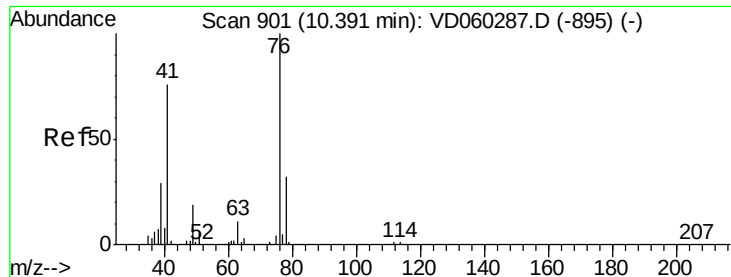
Tot Ion:	97	Resp:	454150
Ion	Ratio	Lower	Upper
97	100		
83	86.3	68.4	102.6
85	56.3	46.8	70.2
99	63.9	49.5	74.3



#56
 Ethyl methacrylate
 Concen: 46.783 ug/l
 RT: 10.01 min Scan# 862
 Delta R.T. -0.04 min
 Lab File: VD060384.D
 Acq: 14 Nov 2018 17:38

Tgt Ion:	69	Resp:	444146
Ion	Ratio	Lower	Upper
69	100		
41	87.2	69.0	103.4
39	46.0	36.6	54.8

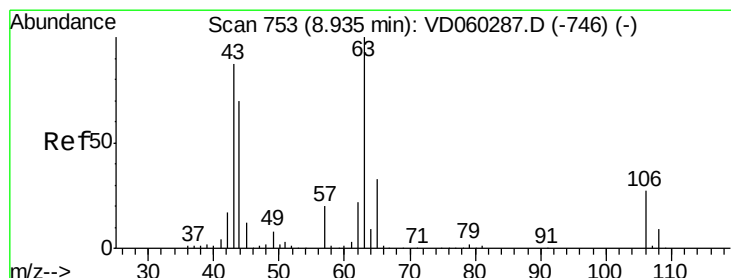
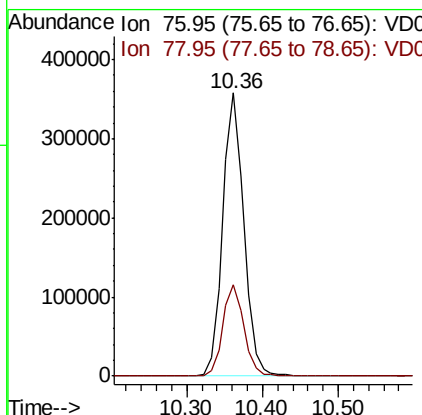
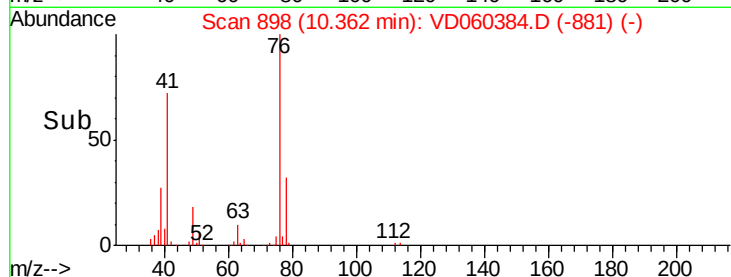
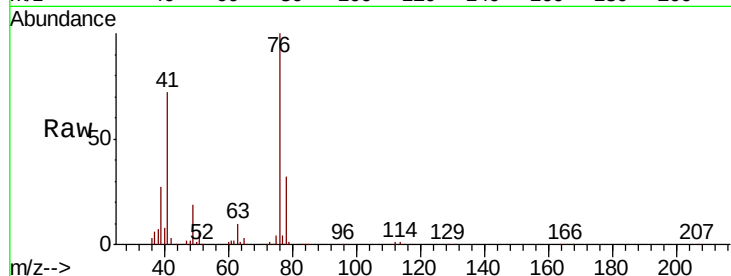




#57
 1,3-Dichloropropane
 Concen: 44.135 ug/l
 RT: 10.36 min Scan# 898
 Delta R.T. -0.03 min
 Lab File: VD060384.D
 Acq: 14 Nov 2018 17:38

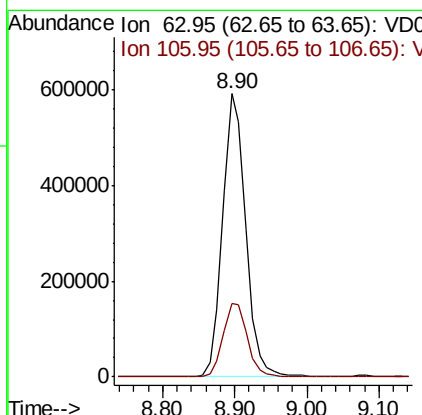
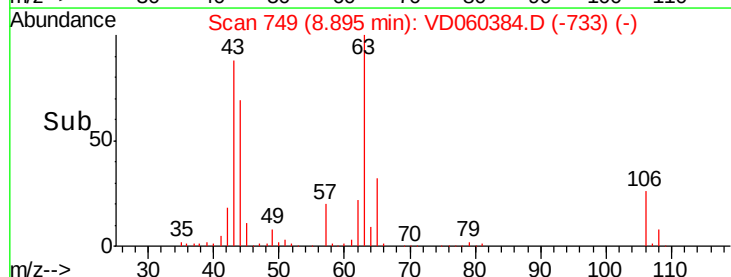
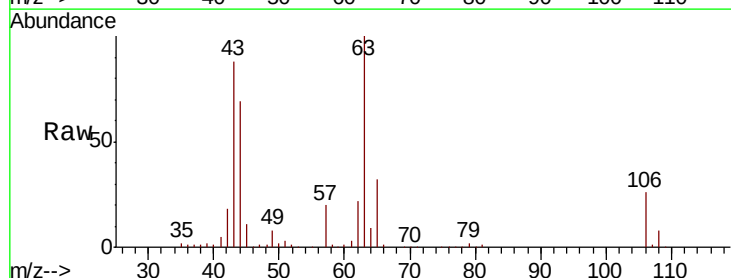
Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-05(25-27)MSD

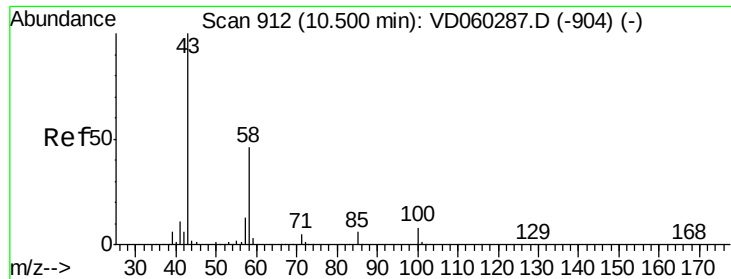
Tot Ion: 76 Resp: 694399
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 227.876 ug/l
 RT: 8.90 min Scan# 749
 Delta R.T. -0.04 min
 Lab File: VD060384.D
 Acq: 14 Nov 2018 17:38

Tgt Ion: 63 Resp: 1308098
 Ion Ratio Lower Upper
 63 100
 106 26.1 21.5 32.3

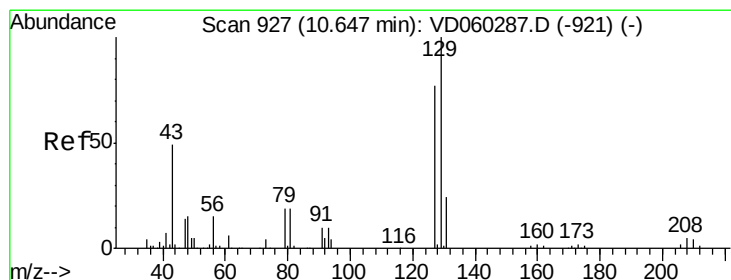
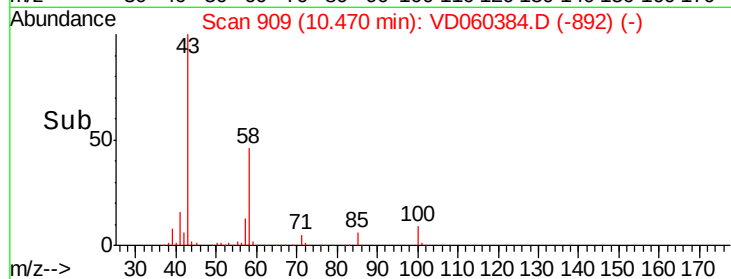
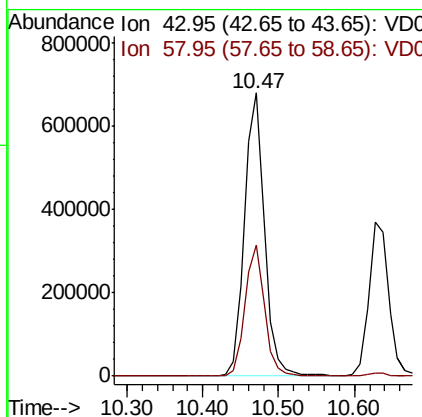
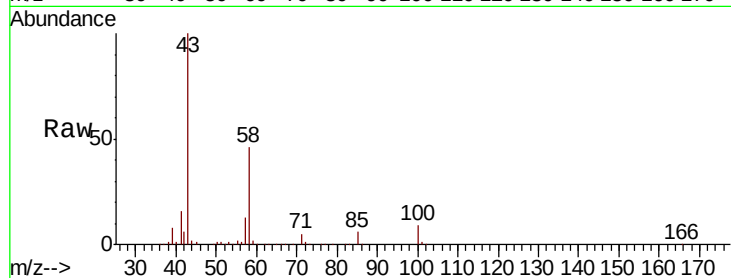




#59
2-Hexanone
Concen: 210.871 ug/l
RT: 10.47 min Scan# 909
Delta R.T. -0.03 min
Lab File: VD060384.D
Acq: 14 Nov 2018 17:38

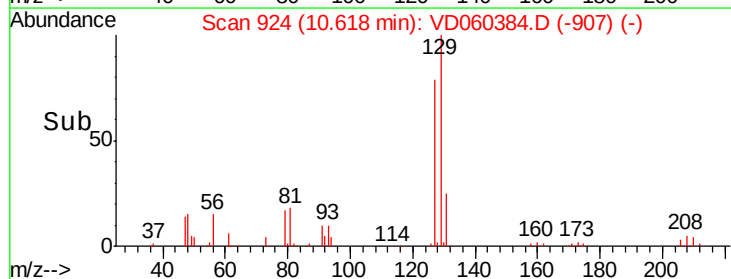
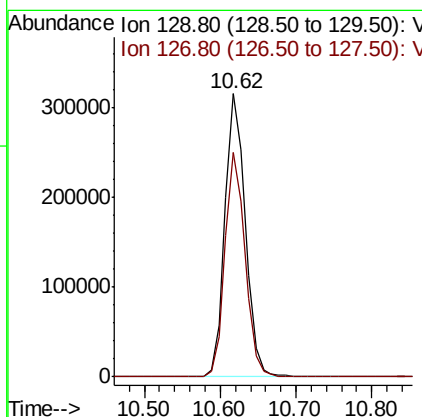
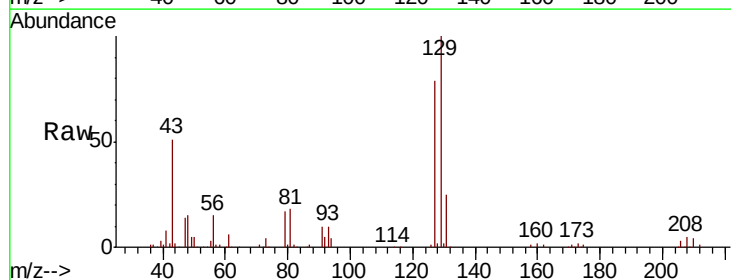
Instrument :
MSVOA_D
ClientSampleId :
FDSB-05(25-27)MSD

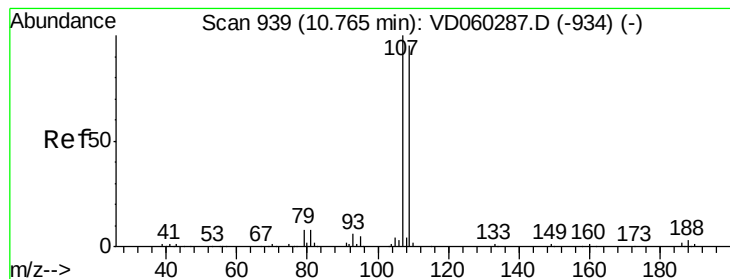
Tot Ion: 43 Resp: 1235361
Ion Ratio Lower Upper
43 100
58 46.4 22.9 68.5



#60
Dibromochloromethane
Concen: 46.993 ug/l
RT: 10.62 min Scan# 924
Delta R.T. -0.03 min
Lab File: VD060384.D
Acq: 14 Nov 2018 17:38

Tgt Ion:129 Resp: 589842
Ion Ratio Lower Upper
129 100
127 79.2 38.9 116.6





#61

1,2-Dibromoethane

Concen: 44.492 ug/l

RT: 10.74 min Scan# 936

Delta R.T. -0.03 min

Lab File: VD060384.D

Acq: 14 Nov 2018 17:38

Instrument :

MSVOA_D

ClientSampleId :

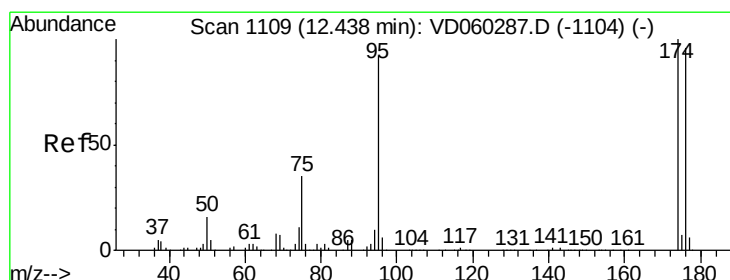
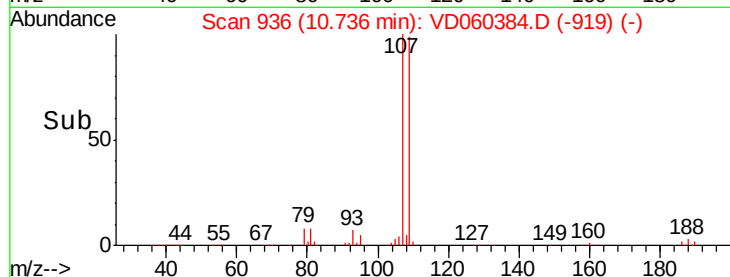
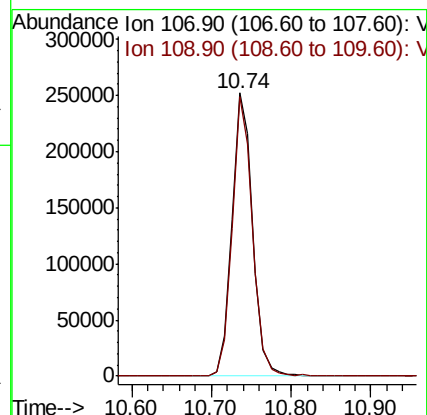
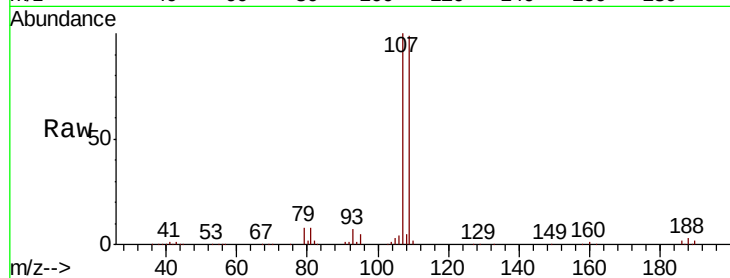
FDSB-05(25-27)MSD

Tot Ion:107 Resp: 460297

Ion Ratio Lower Upper

107 100

109 98.9 75.7 113.5



#62

4-Bromofluorobenzene

Concen: 44.492 ug/l

RT: 12.41 min Scan# 1106

Delta R.T. -0.03 min

Lab File: VD060384.D

Acq: 14 Nov 2018 17:38

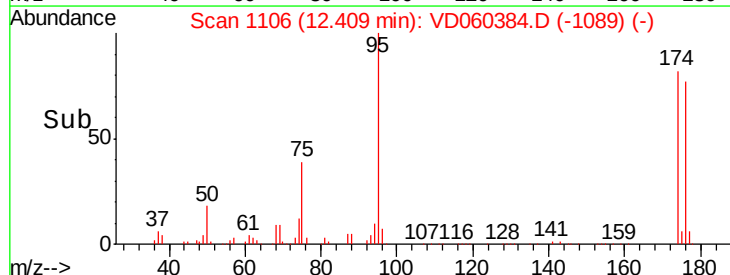
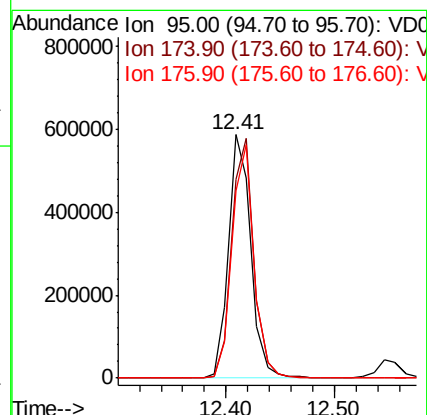
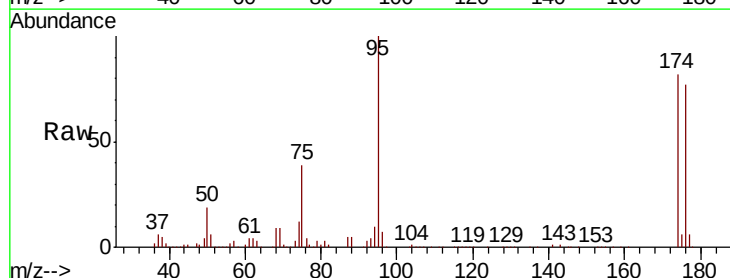
Tgt Ion: 95 Resp: 846686

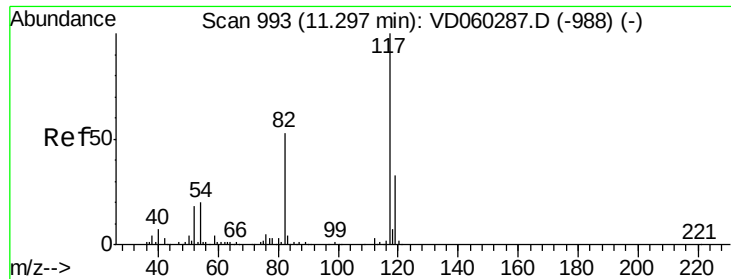
Ion Ratio Lower Upper

95 100

174 81.8 0.0 160.8

176 76.8 0.0 154.6

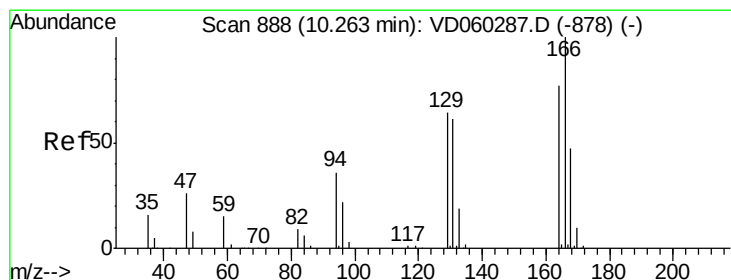
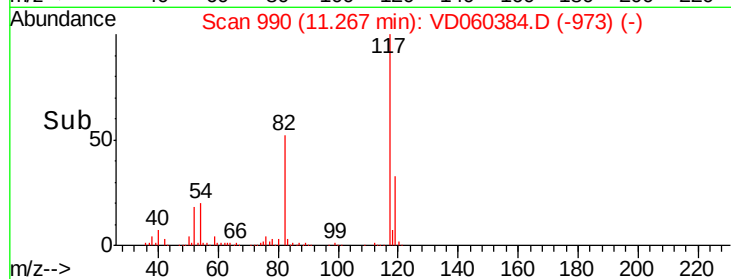
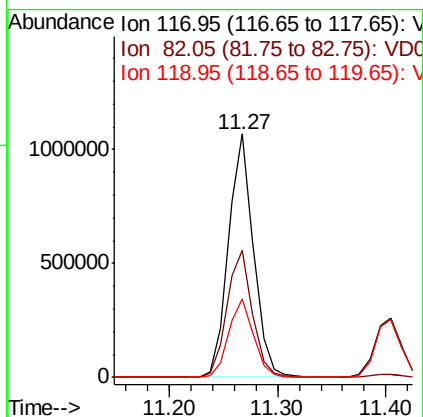
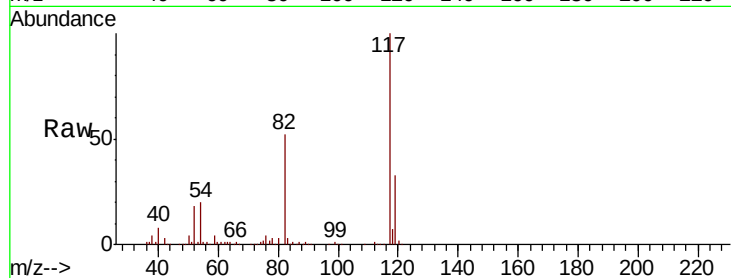




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.27 min Scan# 990
Delta R.T. -0.03 min
Lab File: VD060384.D
Acq: 14 Nov 2018 17:38

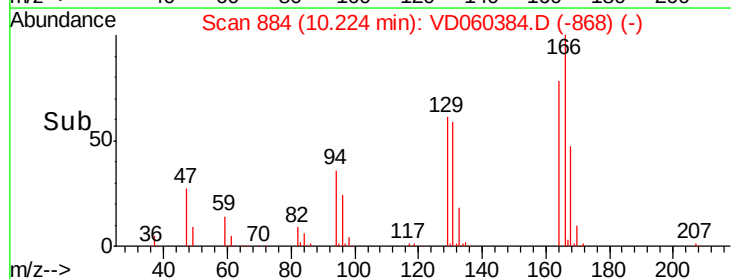
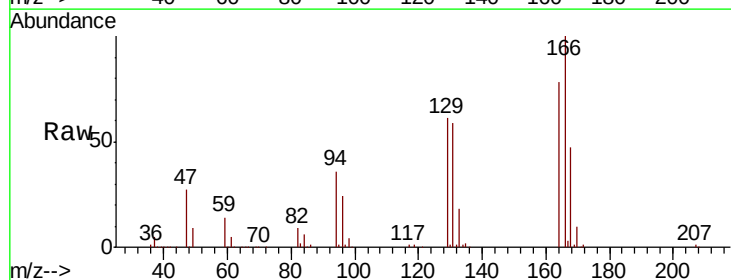
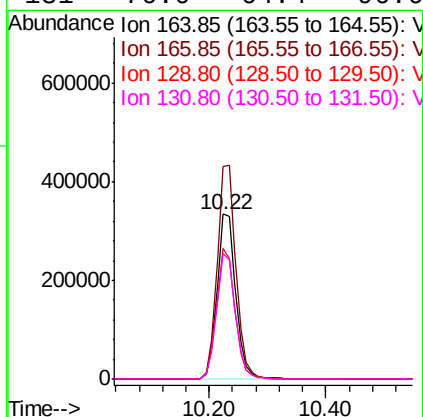
Instrument :
MSVOA_D
ClientSampleId :
FDSB-05(25-27)MSD

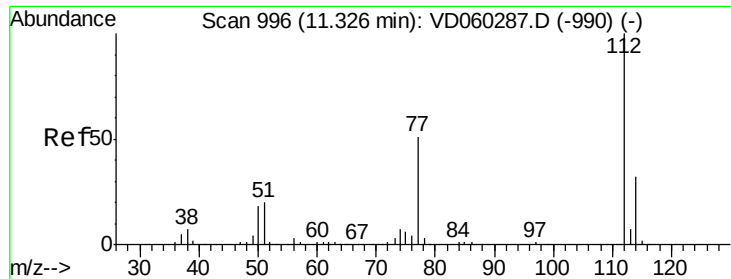
Tot Ion:117 Resp: 1720930
Ion Ratio Lower Upper
117 100
82 52.2 43.7 65.5
119 32.5 26.1 39.1



#64
Tetrachloroethene
Concen: 48.232 ug/l
RT: 10.22 min Scan# 884
Delta R.T. -0.04 min
Lab File: VD060384.D
Acq: 14 Nov 2018 17:38

Tgt Ion:164 Resp: 741007
Ion Ratio Lower Upper
164 100
166 128.9 103.7 155.5
129 79.1 65.6 98.4
131 76.0 64.4 96.6

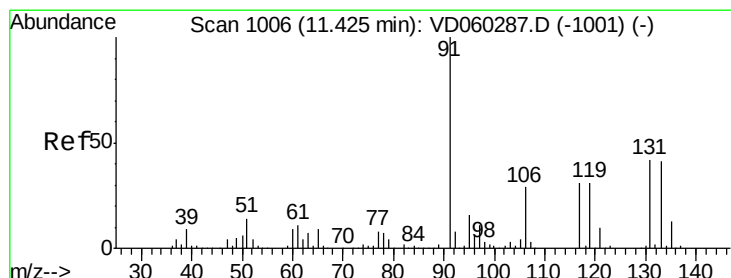
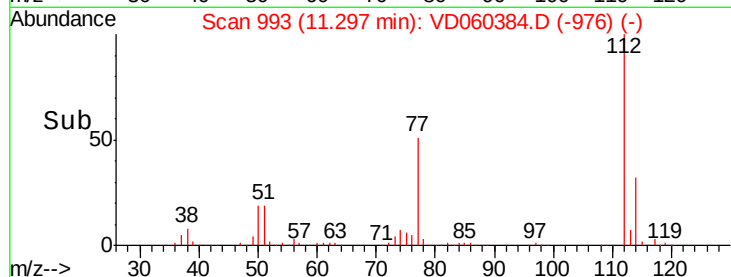
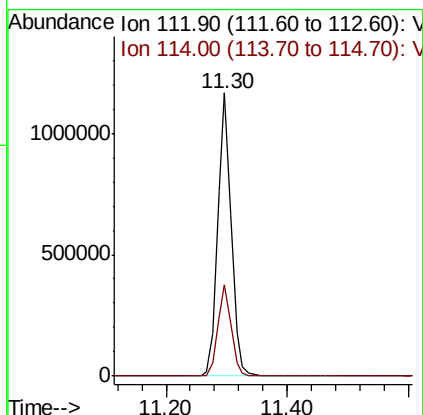
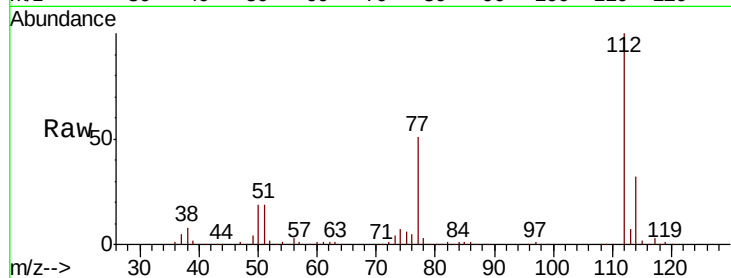




#65
Chlorobenzene
Concen: 48.191 ug/l
RT: 11.30 min Scan# 993
Delta R.T. -0.03 min
Lab File: VD060384.D
Acq: 14 Nov 2018 17:38

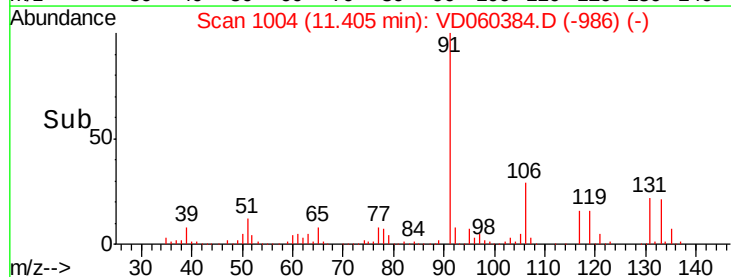
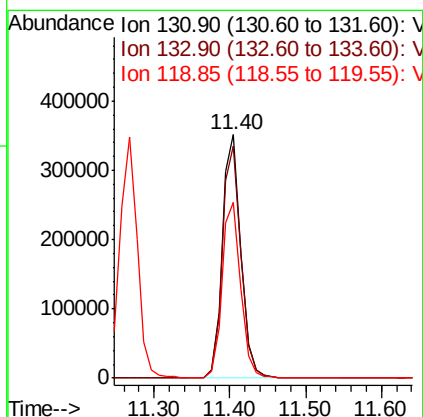
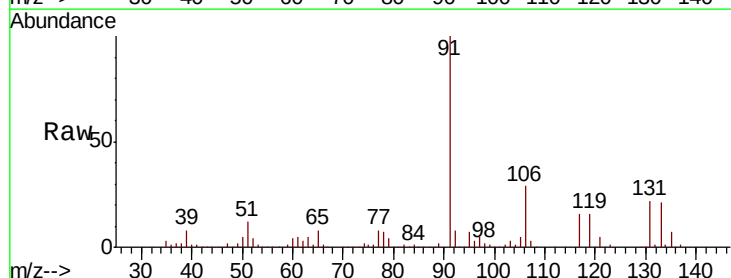
Instrument :
MSVOA_D
ClientSampleId :
FDSB-05(25-27)MSD

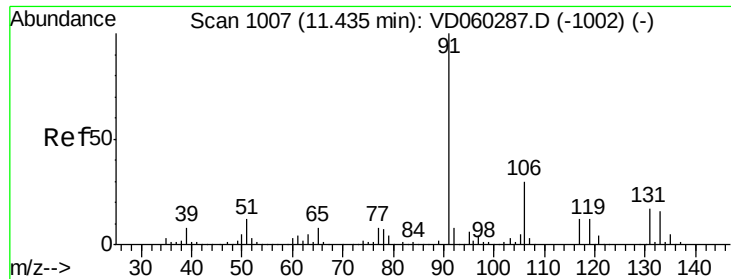
Tot Ion:112 Resp: 1796947
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 48.769 ug/l
RT: 11.40 min Scan# 1004
Delta R.T. -0.02 min
Lab File: VD060384.D
Acq: 14 Nov 2018 17:38

Tgt Ion:131 Resp: 594993
Ion Ratio Lower Upper
131 100
133 95.4 50.0 150.0
119 72.2 37.0 111.1

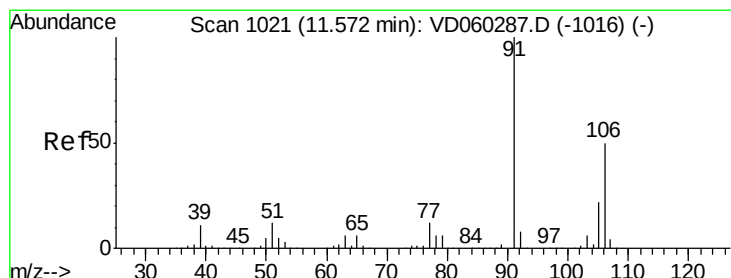
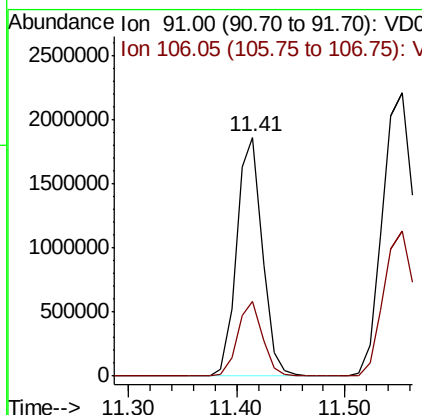
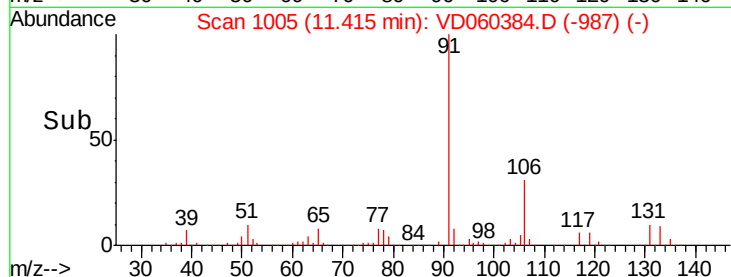
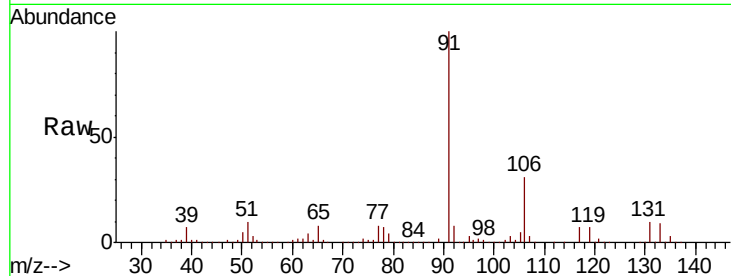




#67
Ethyl Benzene
Concen: 48.144 ug/l
RT: 11.41 min Scan# 1005
Delta R.T. -0.02 min
Lab File: VD060384.D
Acq: 14 Nov 2018 17:38

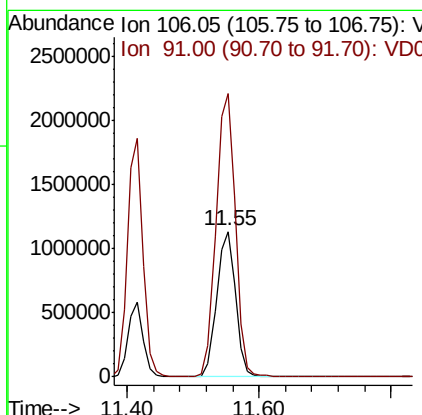
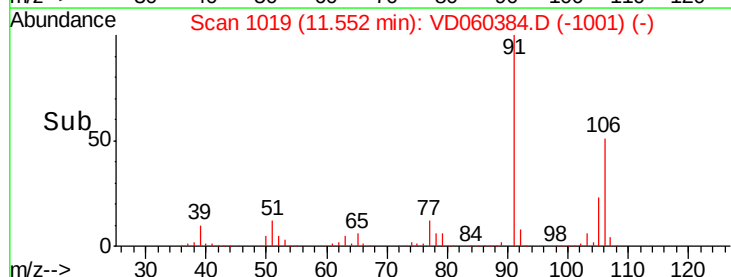
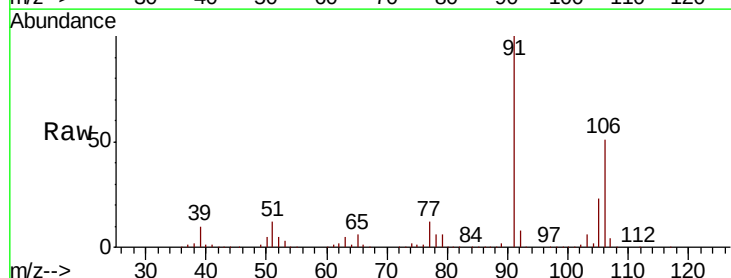
Instrument :
MSVOA_D
ClientSampleId :
FDSB-05(25-27)MSD

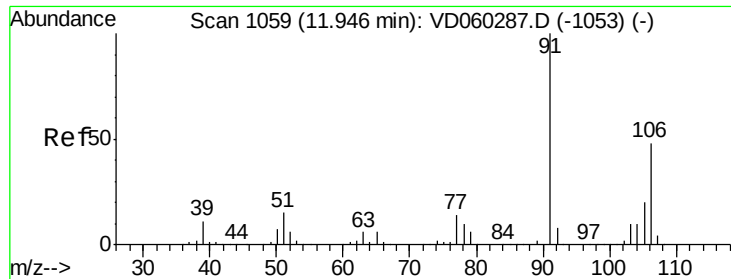
Tot Ion: 91 Resp: 3070899
Ion Ratio Lower Upper
91 100
106 31.3 24.6 36.8



#68
m/p-Xylenes
Concen: 94.766 ug/l
RT: 11.55 min Scan# 1019
Delta R.T. -0.02 min
Lab File: VD060384.D
Acq: 14 Nov 2018 17:38

Tgt Ion: 106 Resp: 2229796
Ion Ratio Lower Upper
106 100
91 194.5 159.4 239.2

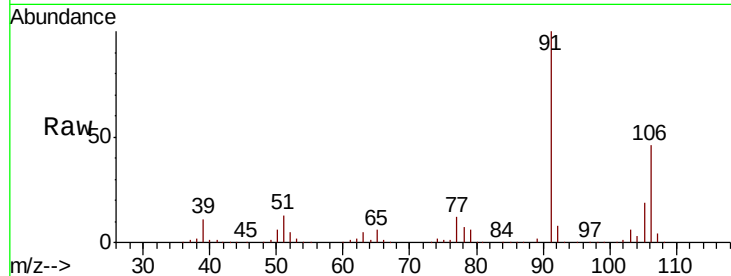




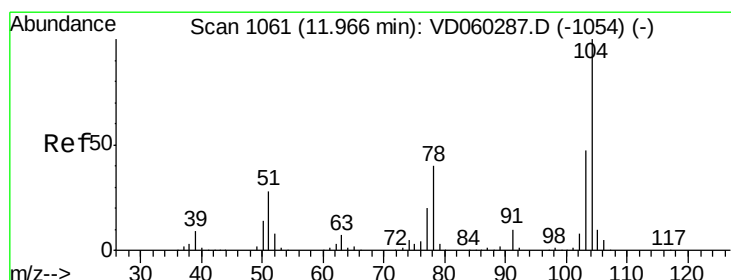
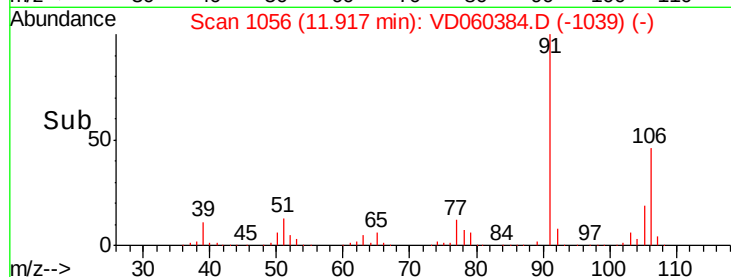
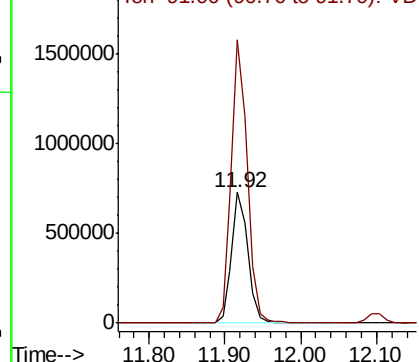
#69
o-Xylene
Concen: 47.562 ug/l
RT: 11.92 min Scan# 1056
Delta R.T. -0.03 min
Lab File: VD060384.D
Acq: 14 Nov 2018 17:38

Instrument :
MSVOA_D
ClientSampleId :
FDSB-05(25-27)MSD

Tot Ion:106 Resp: 1081174
Ion Ratio Lower Upper
106 100
91 216.6 109.2 327.6

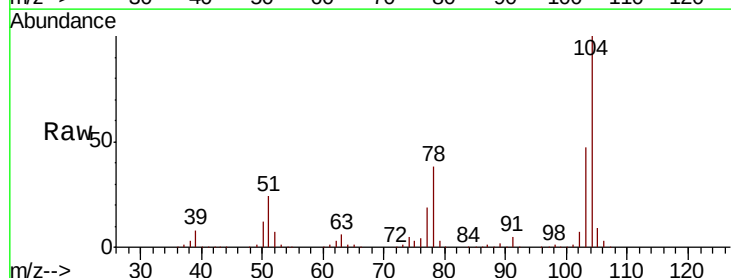


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

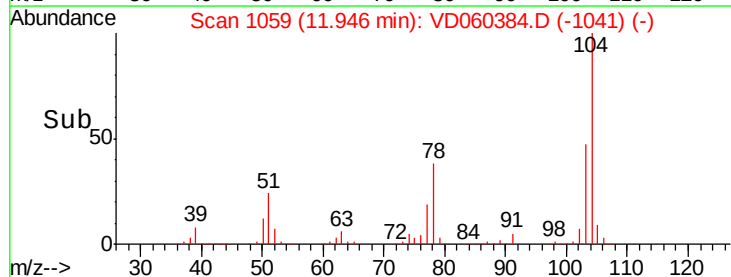
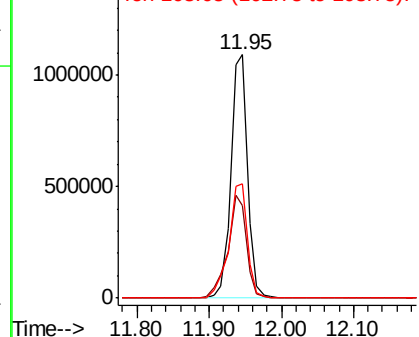


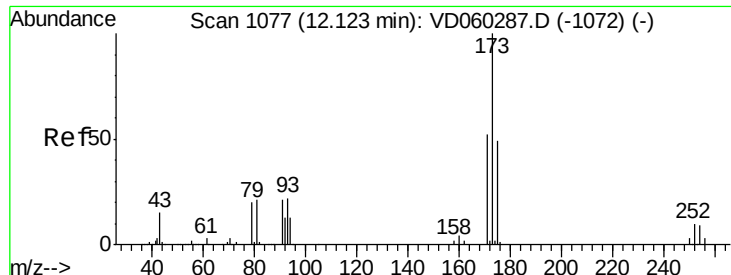
#70
Styrene
Concen: 47.311 ug/l
RT: 11.95 min Scan# 1059
Delta R.T. -0.02 min
Lab File: VD060384.D
Acq: 14 Nov 2018 17:38

Tgt Ion:104 Resp: 1738039
Ion Ratio Lower Upper
104 100
78 37.9 31.6 47.4
103 46.7 37.0 55.6



Abundance Ion 104.05 (103.75 to 104.75): V
Ion 77.95 (77.65 to 78.65): V
Ion 103.05 (102.75 to 103.75): V





#71

Bromoform

Concen: 47.371 ug/l

RT: 12.10 min Scan# 1075

Delta R.T. -0.02 min

Lab File: VD060384.D

Acq: 14 Nov 2018 17:38

Instrument :

MSVOA_D

ClientSampleId :

FDSB-05(25-27)MSD

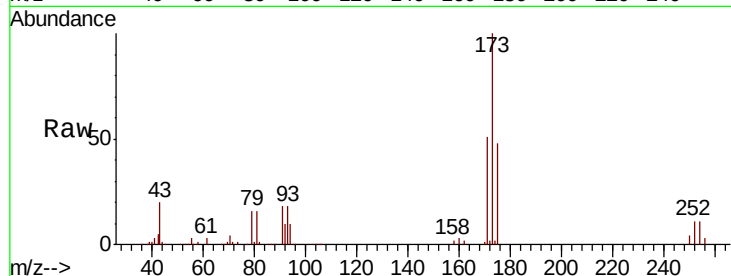
Tot Ion:173 Resp: 388359

Ion Ratio Lower Upper

173 100

175 47.6 24.3 73.0

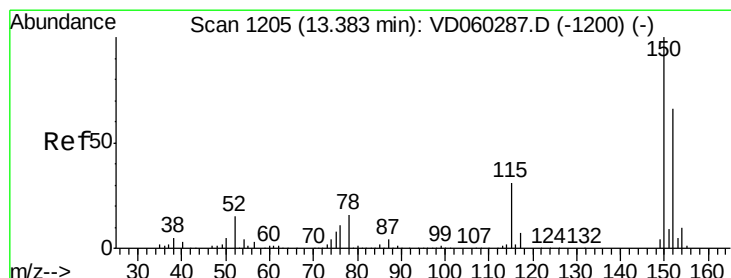
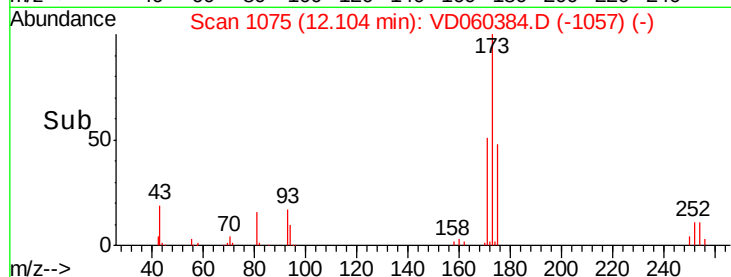
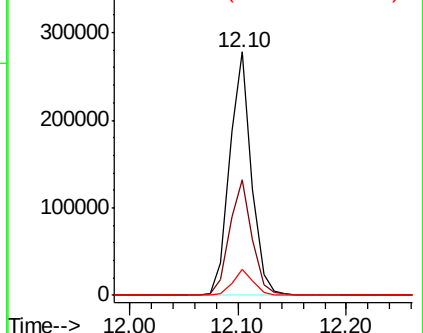
254 10.6 8.3 12.5



Abundance Ion 172.80 (172.50 to 173.50): V

Ion 174.80 (174.50 to 175.50): V

Ion 253.70 (253.40 to 254.40): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.36 min Scan# 1203

Delta R.T. -0.02 min

Lab File: VD060384.D

Acq: 14 Nov 2018 17:38

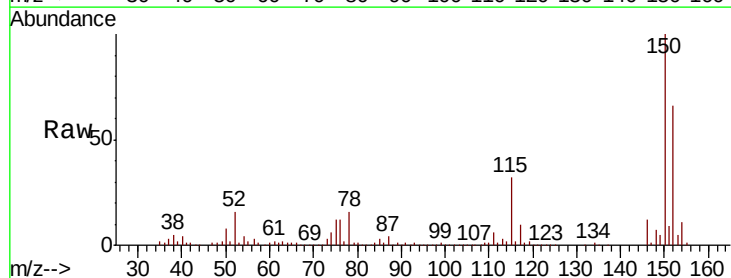
Tgt Ion:152 Resp: 861101

Ion Ratio Lower Upper

152 100

115 48.9 24.1 72.3

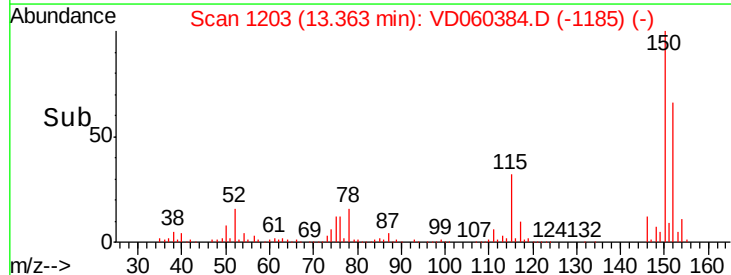
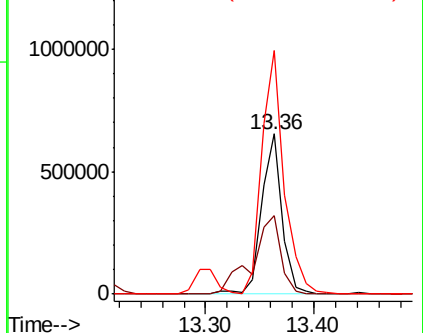
150 151.9 0.0 310.6

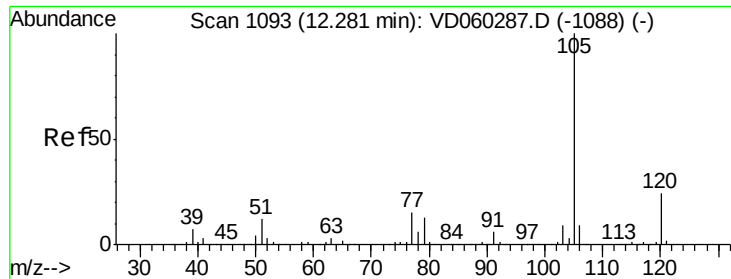


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.653 ug/l

RT: 12.26 min Scan# 1091

Delta R.T. -0.02 min

Lab File: VD060384.D

Acq: 14 Nov 2018 17:38

Instrument :

MSVOA_D

ClientSampleId :

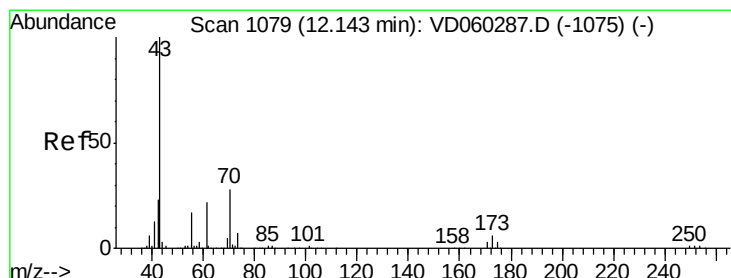
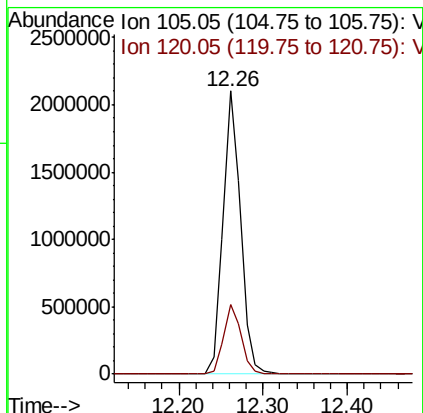
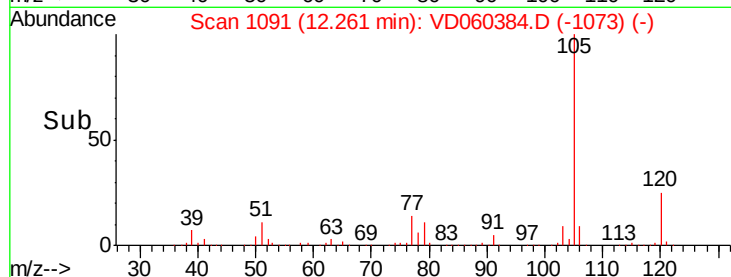
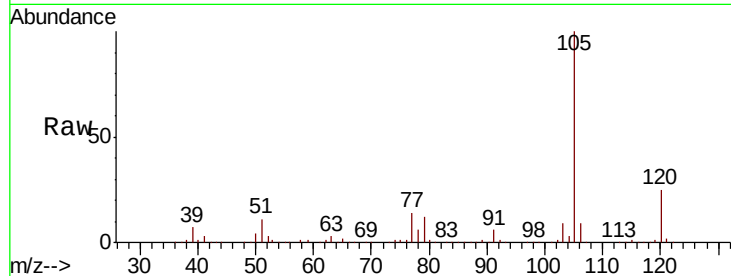
FDSB-05(25-27)MSD

Tot Ion:105 Resp: 3052394

Ion Ratio Lower Upper

105 100

120 24.5 12.1 36.3



#74

N-ethyl acetate

Concen: 47.867 ug/l

RT: 12.12 min Scan# 1077

Delta R.T. -0.02 min

Lab File: VD060384.D

Acq: 14 Nov 2018 17:38

Tgt Ion: 43 Resp: 769921

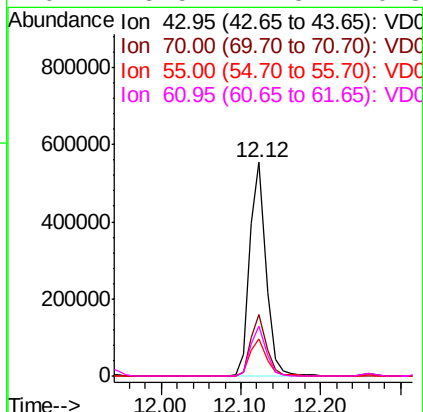
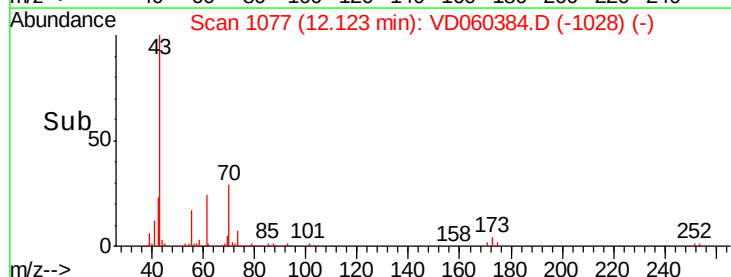
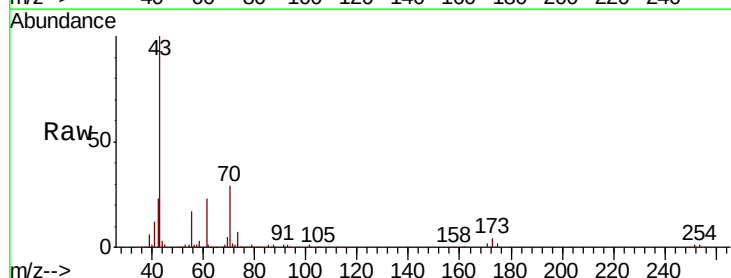
Ion Ratio Lower Upper

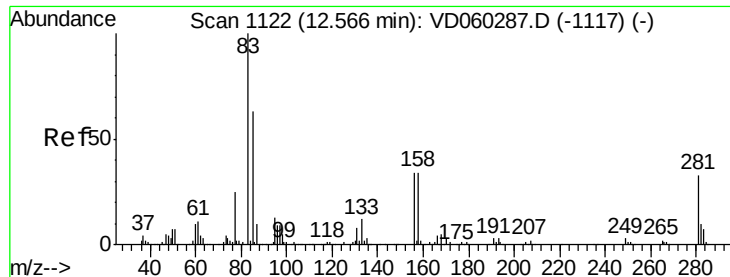
43 100

70 28.8 23.0 34.4

55 17.3 14.2 21.4

61 23.5 17.8 26.8

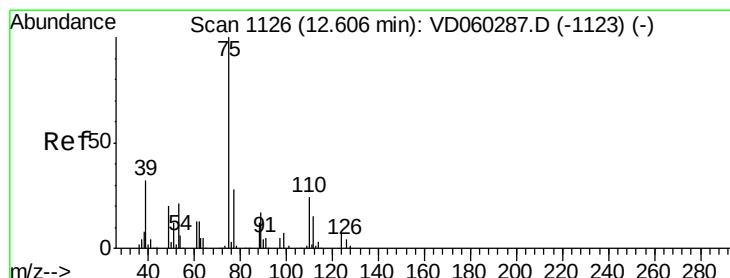
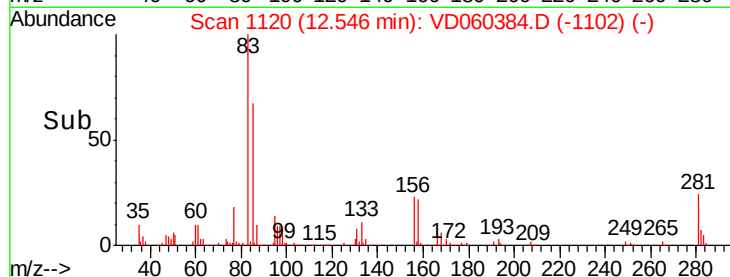
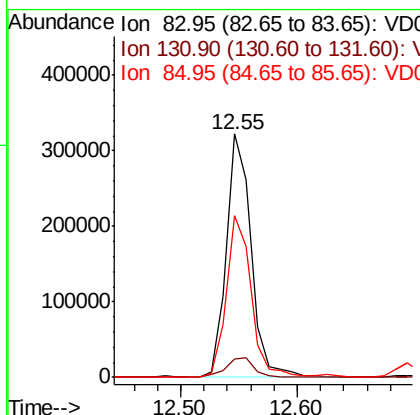
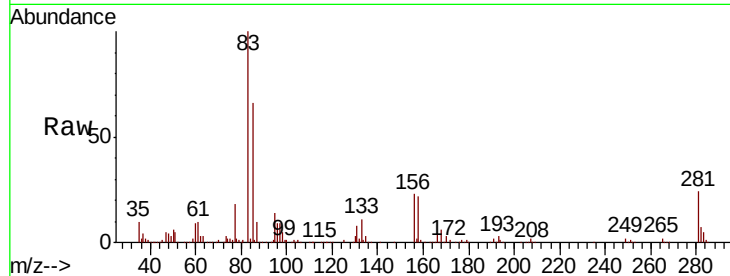




#75
 1,1,2,2-Tetrachloroethane
 Concen: 46.031 ug/l
 RT: 12.55 min Scan# 1120
 Delta R.T. -0.02 min
 Lab File: VD060384.D
 Acq: 14 Nov 2018 17:38

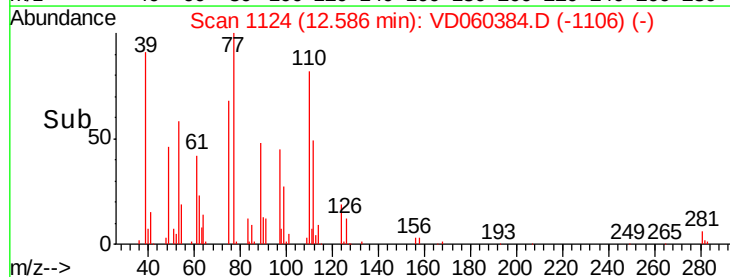
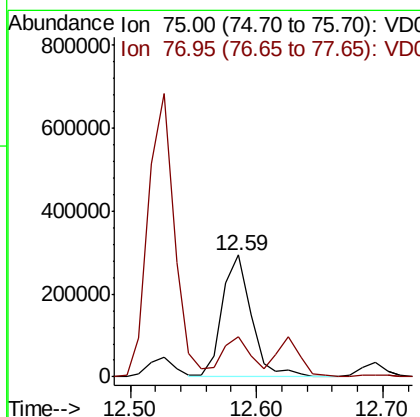
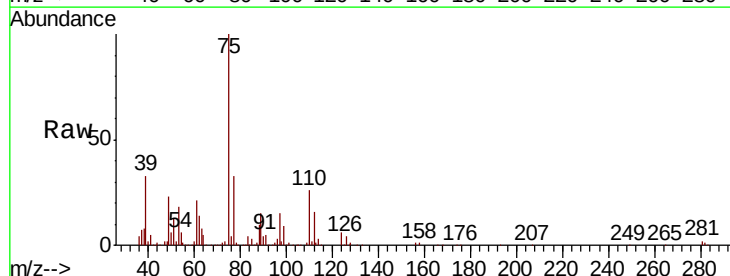
Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-05(25-27)MSD

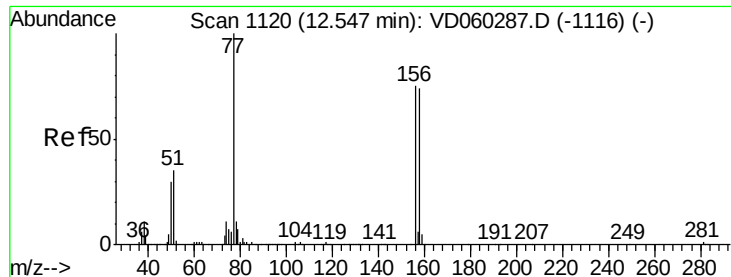
Tot Ion	83	Resp	472297
Ion Ratio	100	Lower	Upper
131	7.6	3.9	11.5
85	66.4	32.0	96.0



#76
 1,2,3-Trichloropropane
 Concen: 45.432 ug/l
 RT: 12.59 min Scan# 1124
 Delta R.T. -0.02 min
 Lab File: VD060384.D
 Acq: 14 Nov 2018 17:38

Tgt Ion	75	Resp	467982
Ion Ratio	100	Lower	Upper
77	33.2	16.4	49.1

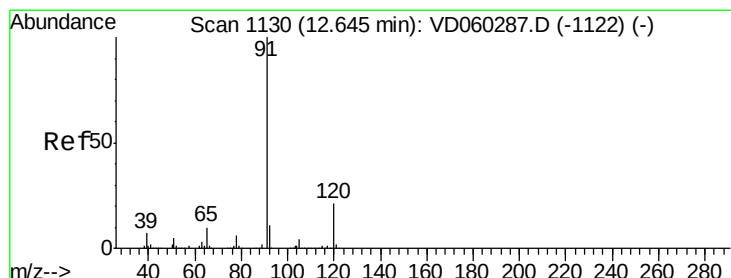
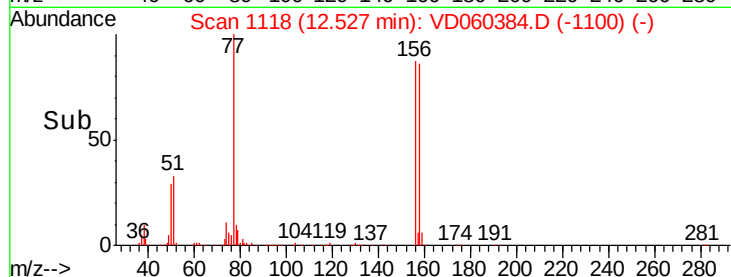
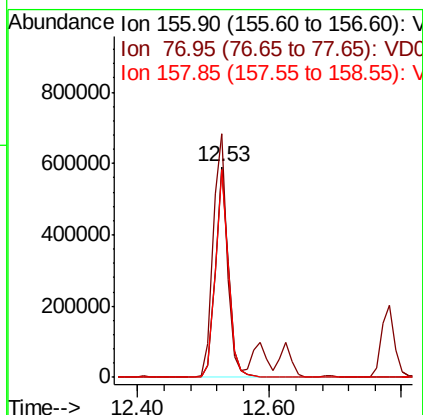
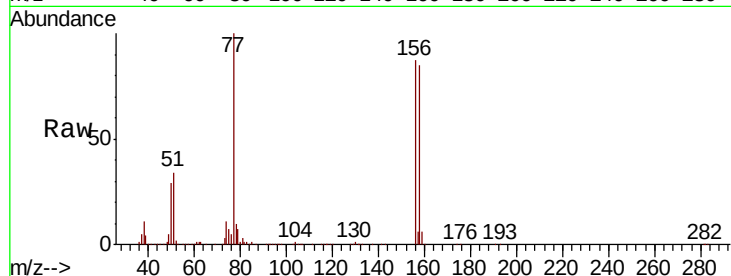




#77
Bromobenzene
Concen: 48.397 ug/l
RT: 12.53 min Scan# 1118
Delta R.T. -0.02 min
Lab File: VD060384.D
Acq: 14 Nov 2018 17:38

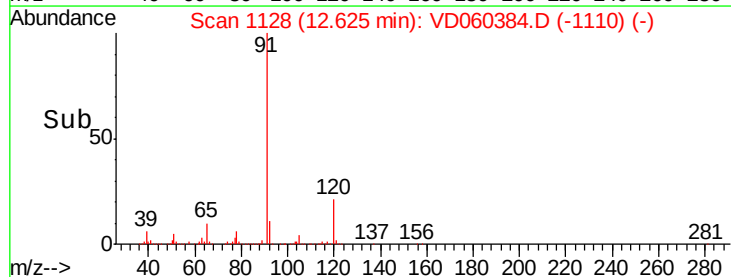
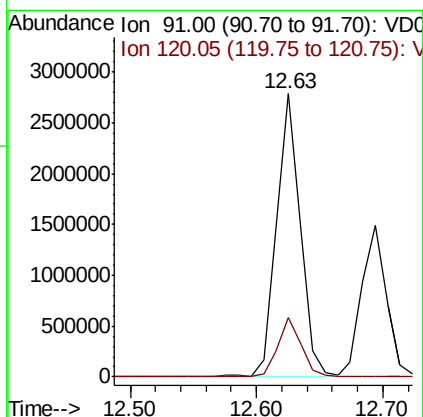
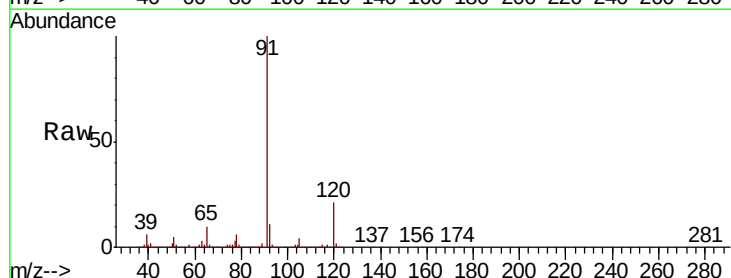
Instrument :
MSVOA_D
ClientSampleId :
FDSB-05(25-27)MSD

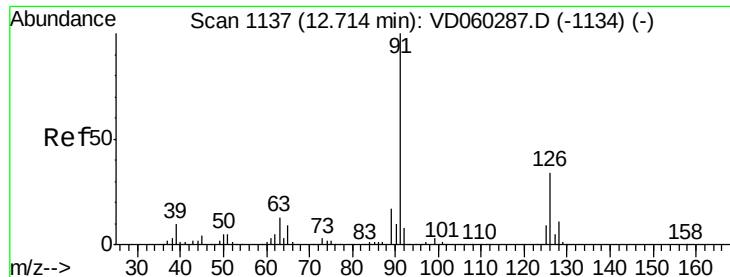
Tot Ion:156 Resp: 806519
Ion Ratio Lower Upper
156 100
77 115.5 61.2 183.6
158 98.6 49.2 147.6



#78
n-propylbenzene
Concen: 46.370 ug/l
RT: 12.63 min Scan# 1128
Delta R.T. -0.02 min
Lab File: VD060384.D
Acq: 14 Nov 2018 17:38

Tgt Ion: 91 Resp: 3631147
Ion Ratio Lower Upper
91 100
120 21.0 10.4 31.4





#79

2-Chlorotoluene

Concen: 47.190 ug/l

RT: 12.69 min Scan# 1135

Delta R.T. -0.02 min

Lab File: VD060384.D

Acq: 14 Nov 2018 17:38

Instrument :

MSVOA_D

ClientSampleId :

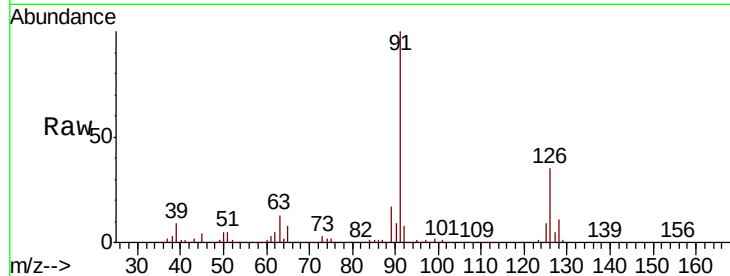
FDSB-05(25-27)MSD

Tot Ion: 91 Resp: 2023940

Ion Ratio Lower Upper

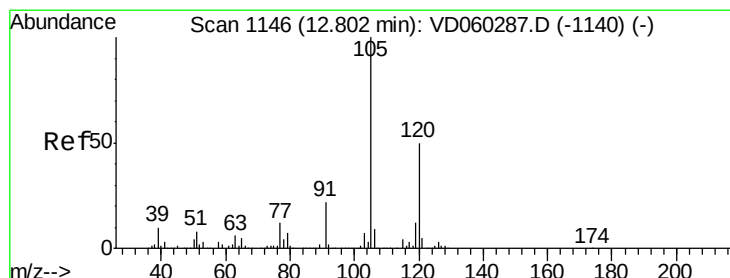
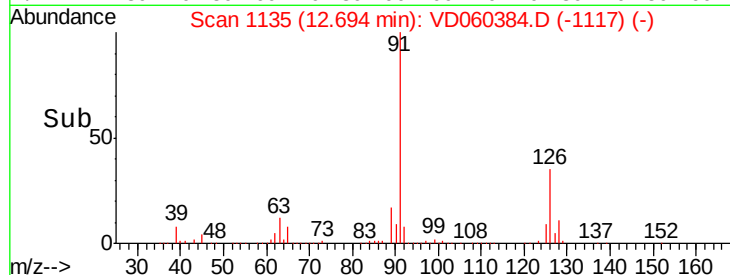
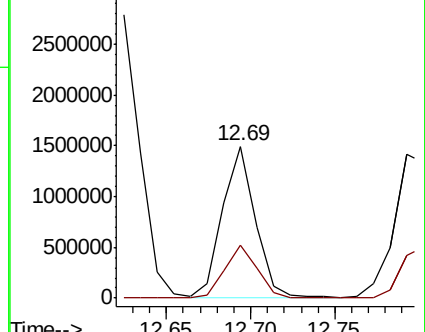
91 100

126 34.8 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.95 (125.65 to 126.65): V



#80

1,3,5-Trimethylbenzene

Concen: 47.119 ug/l

RT: 12.78 min Scan# 1144

Delta R.T. -0.02 min

Lab File: VD060384.D

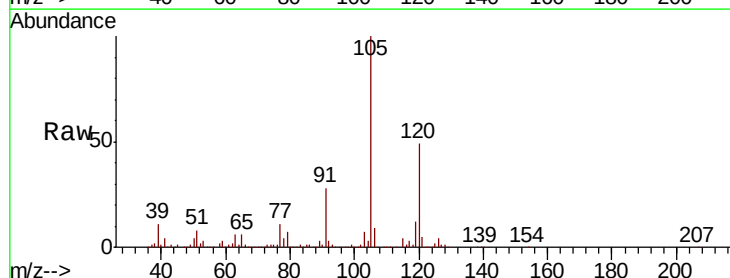
Acq: 14 Nov 2018 17:38

Tgt Ion:105 Resp: 2297356

Ion Ratio Lower Upper

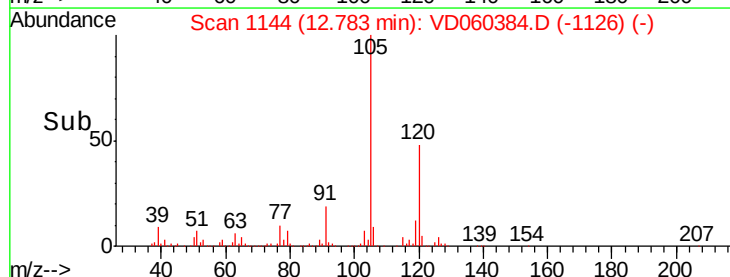
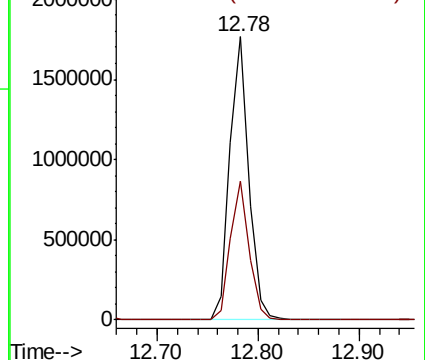
105 100

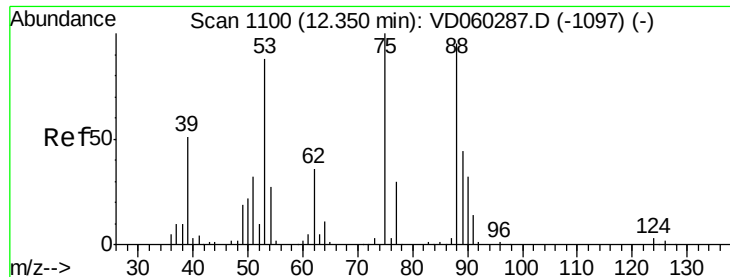
120 49.1 24.4 73.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#81

trans-1,4-Dichloro-2-butene

Concen: 46.185 ug/l

RT: 12.33 min Scan# 1098

Delta R.T. -0.02 min

Lab File: VD060384.D

Acq: 14 Nov 2018 17:38

Instrument :

MSVOA_D

ClientSampleId :

FDSB-05(25-27)MSD

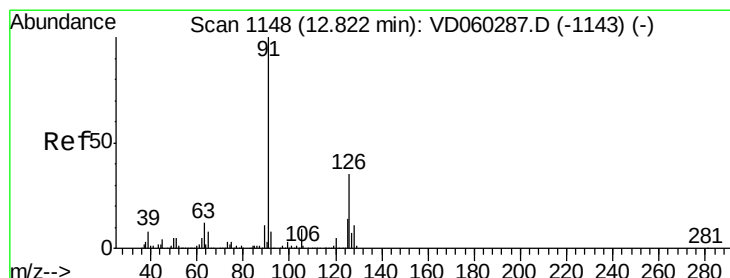
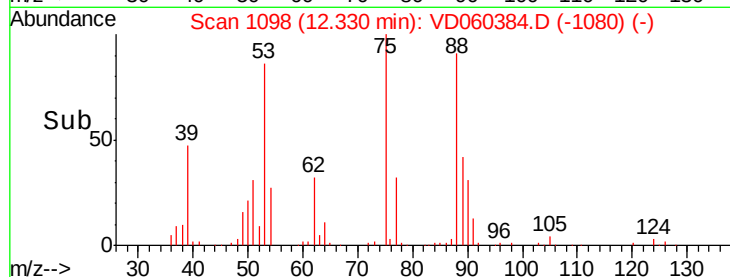
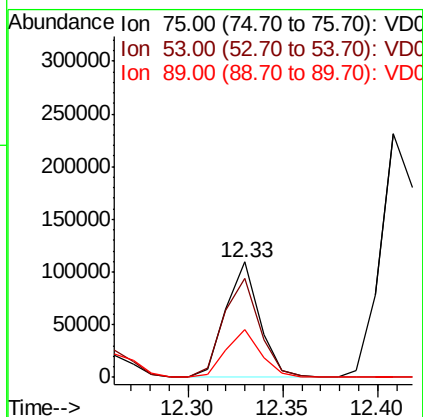
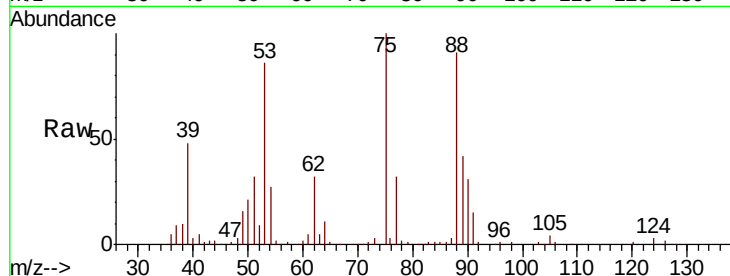
Tot Ion: 75 Resp: 135442

Ion Ratio Lower Upper

75 100

53 86.5 68.6 103.0

89 41.8 34.1 51.1



#82

4-Chlorotoluene

Concen: 47.202 ug/l

RT: 12.79 min Scan# 1145

Delta R.T. -0.03 min

Lab File: VD060384.D

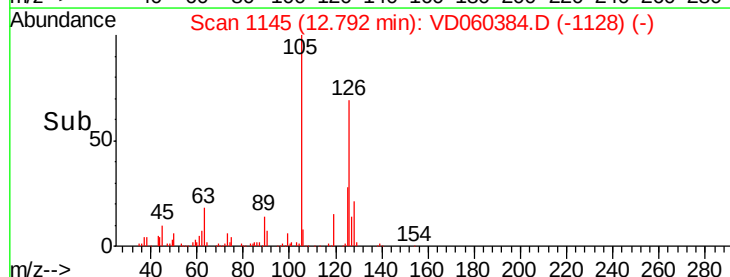
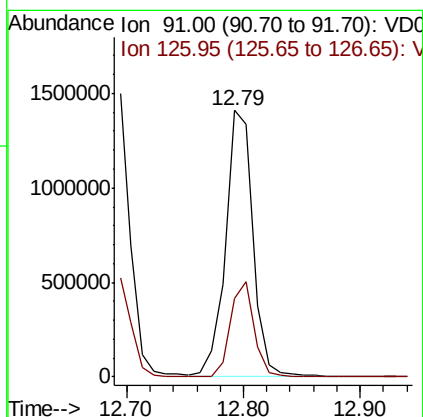
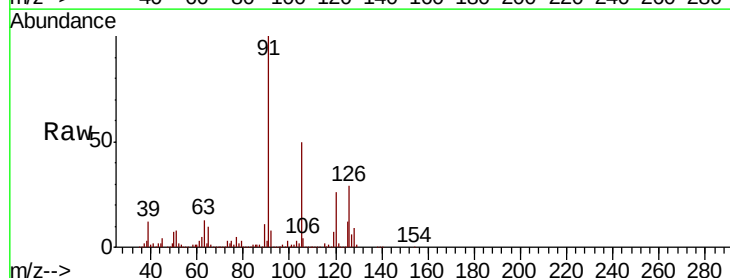
Acq: 14 Nov 2018 17:38

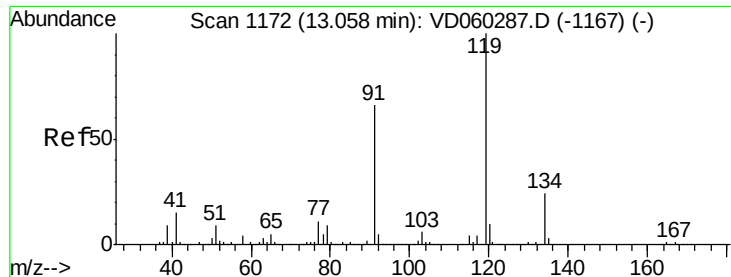
Tgt Ion: 91 Resp: 2274073

Ion Ratio Lower Upper

91 100

126 29.4 14.8 44.4

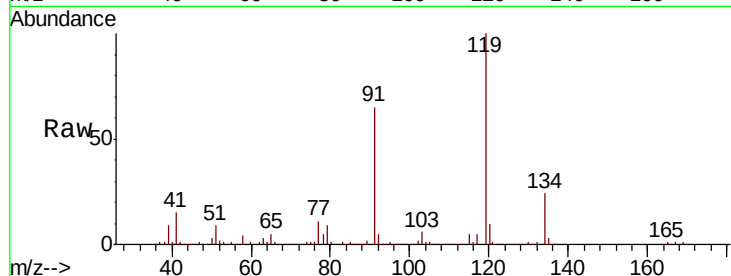




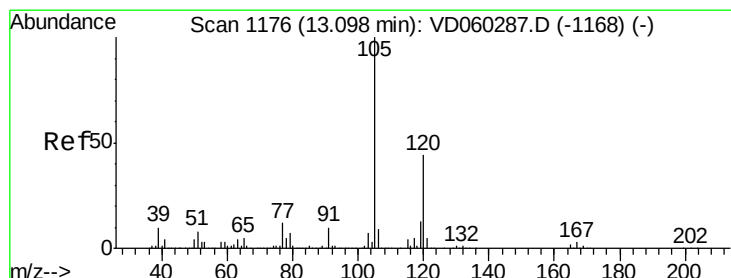
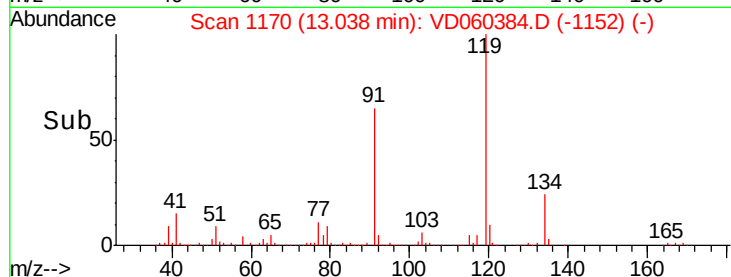
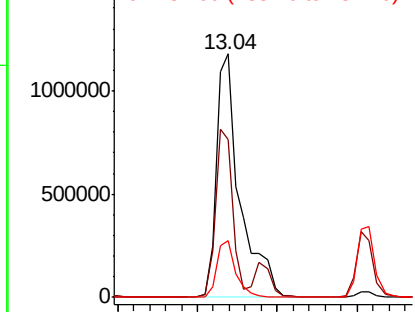
#83
tert-Butylbenzene
Concen: 45.084 ug/l
RT: 13.04 min Scan# 1170
Delta R.T. -0.02 min
Lab File: VD060384.D
Acq: 14 Nov 2018 17:38

Instrument :
MSVOA_D
ClientSampleId :
FDSB-05(25-27)MSD

Tot Ion:119 Resp: 2440407
Ion Ratio Lower Upper
119 100
91 65.1 32.7 98.1
134 23.6 12.1 36.3

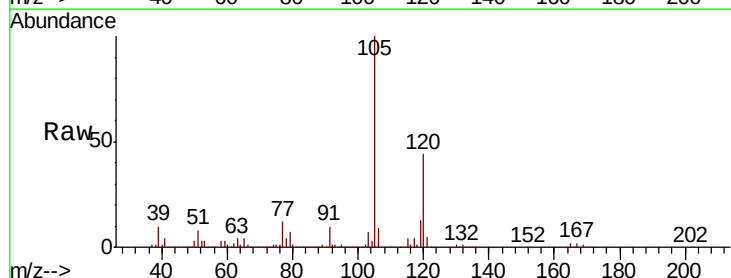


Abundance Ion 119.05 (118.75 to 119.75): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

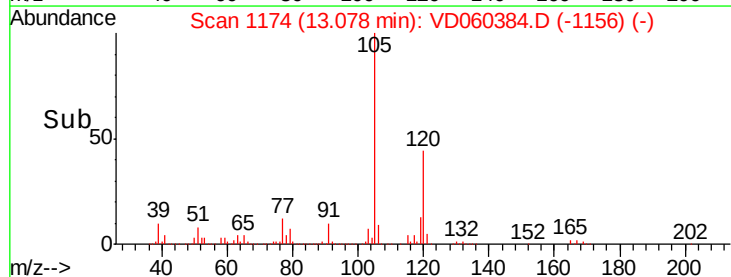
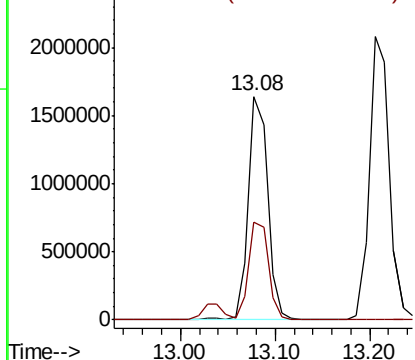


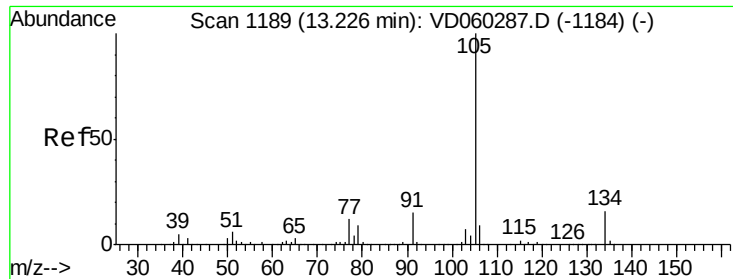
#84
1,2,4-Trimethylbenzene
Concen: 47.748 ug/l
RT: 13.08 min Scan# 1174
Delta R.T. -0.02 min
Lab File: VD060384.D
Acq: 14 Nov 2018 17:38

Tgt Ion:105 Resp: 2325006
Ion Ratio Lower Upper
105 100
120 43.9 21.9 65.8



Abundance Ion 105.05 (104.75 to 105.75): V
Ion 120.05 (119.75 to 120.75): V





#85

sec-Butylbenzene

Concen: 46.357 ug/l

RT: 13.21 min Scan# 1187

Delta R.T. -0.02 min

Lab File: VD060384.D

Acq: 14 Nov 2018 17:38

Instrument :

MSVOA_D

ClientSampleId :

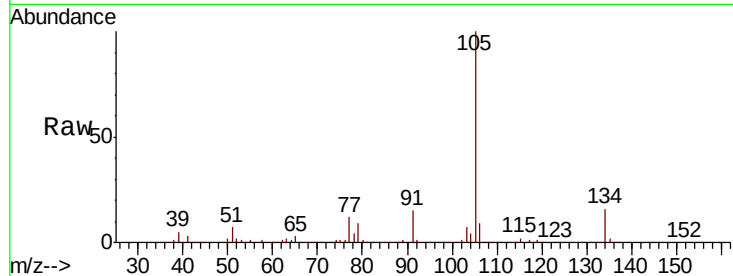
FDSB-05(25-27)MSD

Tot Ion:105 Resp: 3078672

Ion Ratio Lower Upper

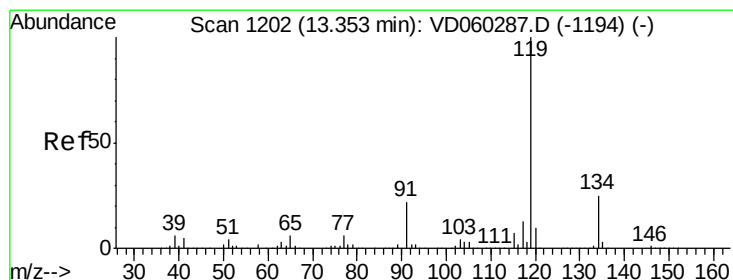
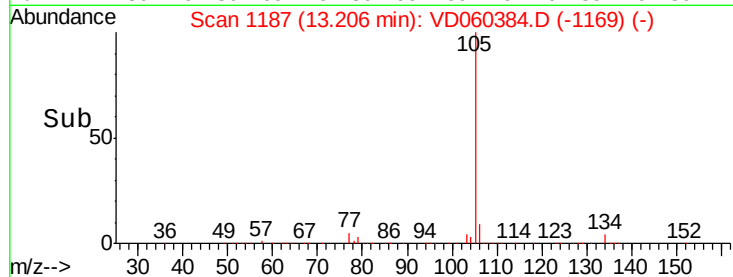
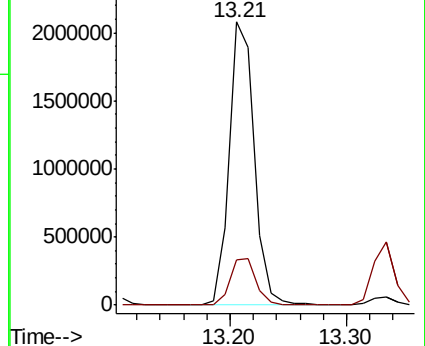
105 100

134 15.9 8.0 24.0



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#86

p-Isopropyltoluene

Concen: 44.129 ug/l

RT: 13.33 min Scan# 1200

Delta R.T. -0.02 min

Lab File: VD060384.D

Acq: 14 Nov 2018 17:38

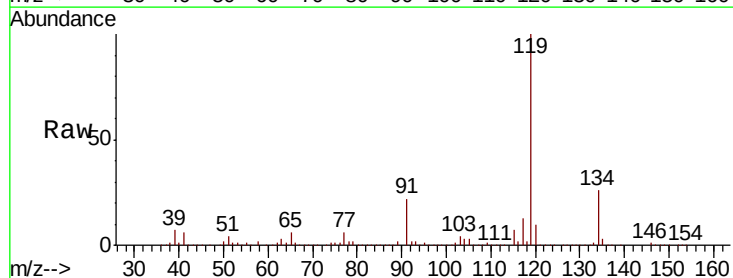
Tgt Ion:119 Resp: 2360094

Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.6

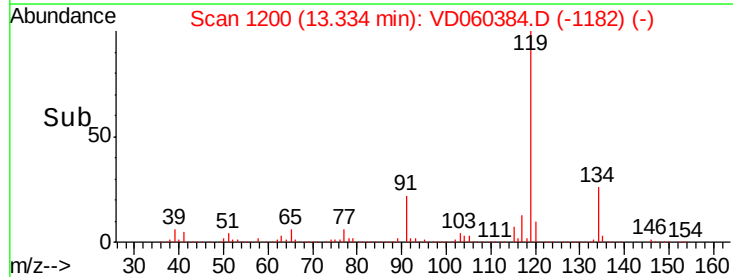
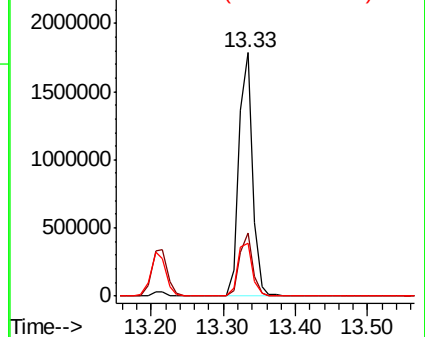
91 22.0 11.3 33.8

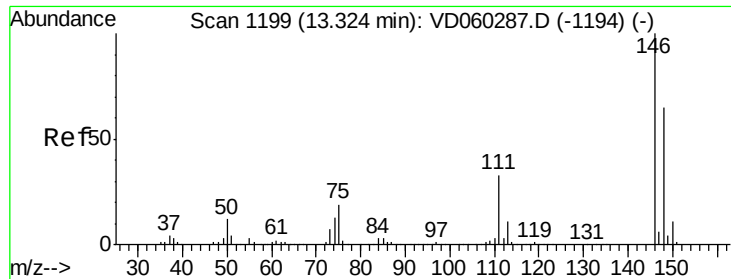


Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V

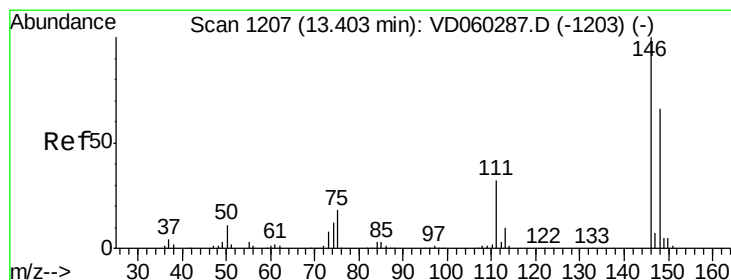
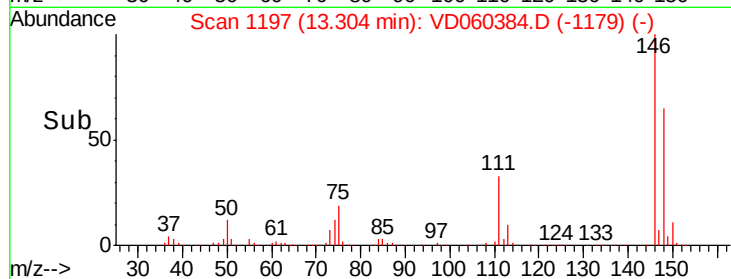
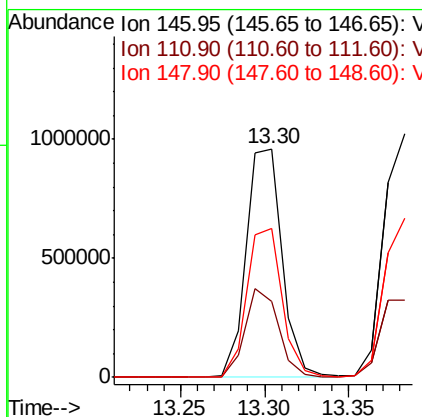
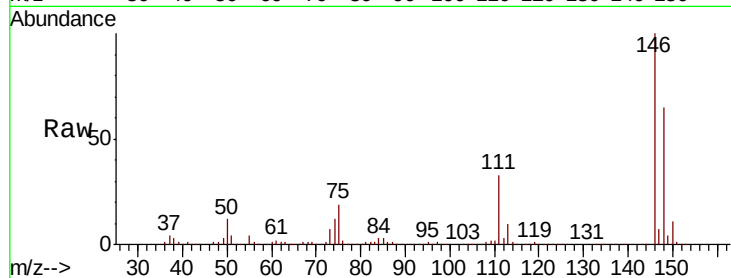




#87
 1,3-Dichlorobenzene
 Concen: 47.938 ug/l
 RT: 13.30 min Scan# 1197
 Delta R.T. -0.02 min
 Lab File: VD060384.D
 Acq: 14 Nov 2018 17:38

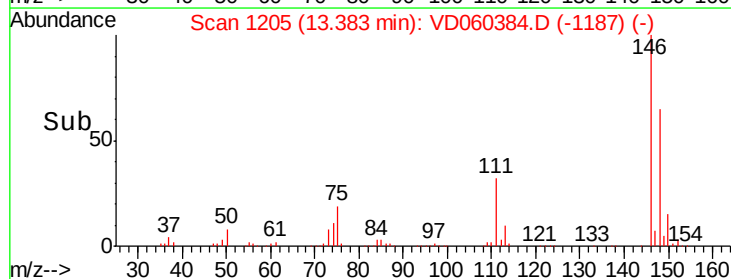
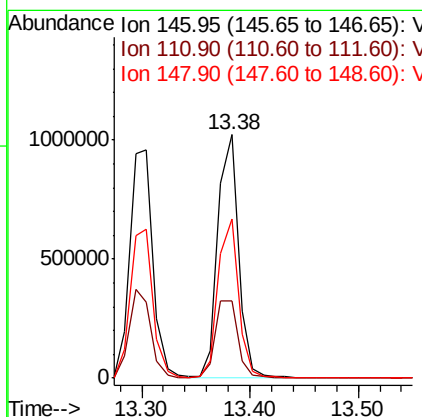
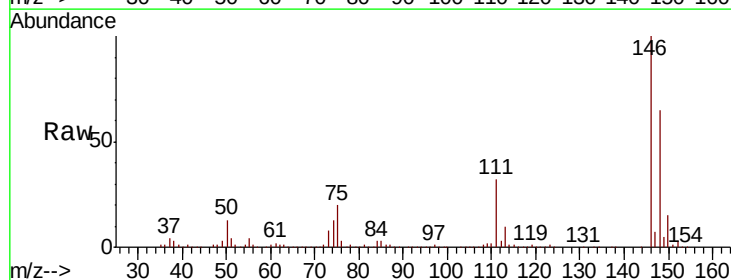
Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-05(25-27)MSD

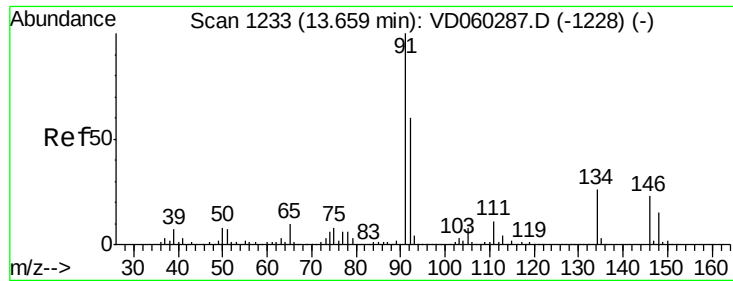
Tot Ion:146 Resp: 1421300
 Ion Ratio Lower Upper
 146 100
 111 33.3 20.2 60.5
 148 65.1 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 47.180 ug/l
 RT: 13.38 min Scan# 1205
 Delta R.T. -0.02 min
 Lab File: VD060384.D
 Acq: 14 Nov 2018 17:38

Tgt Ion:146 Resp: 1366168
 Ion Ratio Lower Upper
 146 100
 111 31.7 16.0 47.9
 148 65.2 32.9 98.7

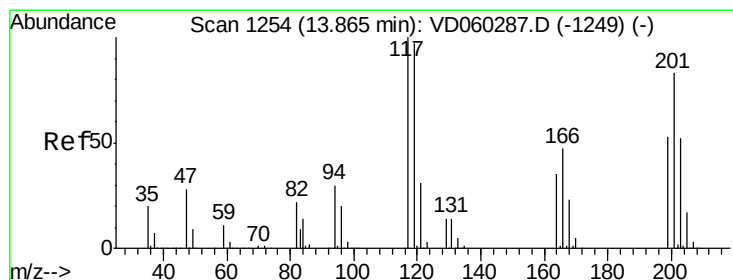
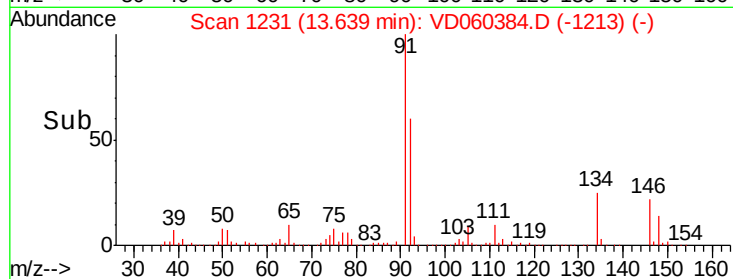
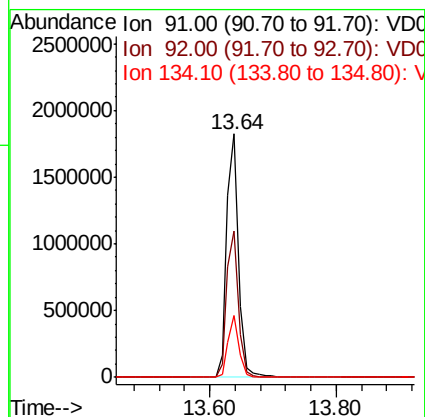
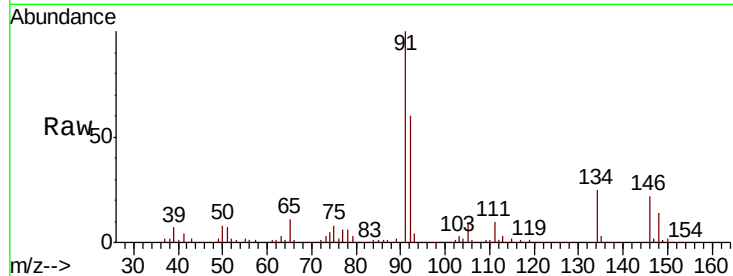




#89
n-Butylbenzene
Concen: 45.289 ug/l
RT: 13.64 min Scan# 1231
Delta R.T. -0.02 min
Lab File: VD060384.D
Acq: 14 Nov 2018 17:38

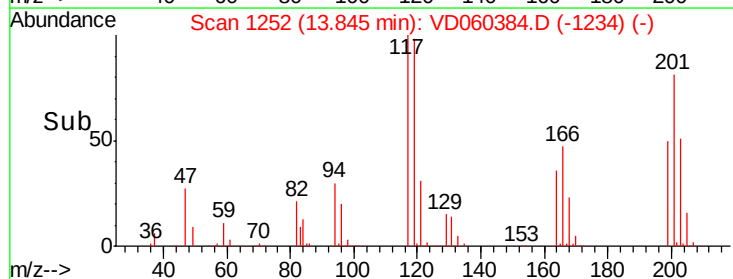
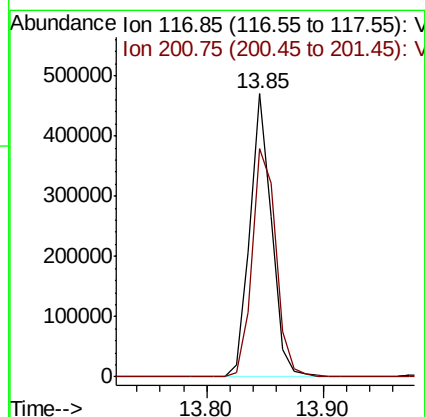
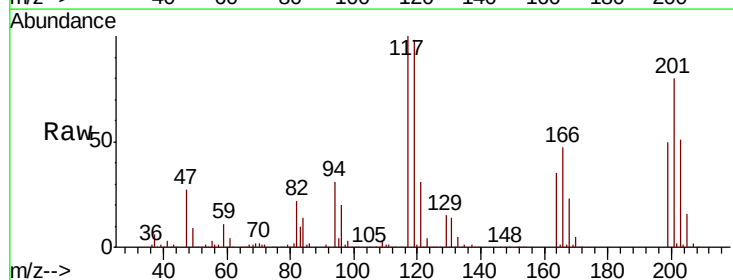
Instrument :
MSVOA_D
ClientSampleId :
FDSB-05(25-27)MSD

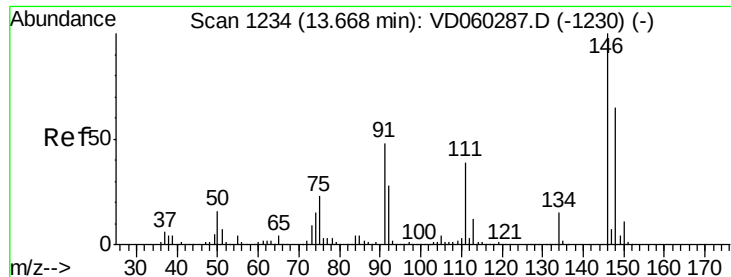
Tot Ion: 91 Resp: 2397912
Ion Ratio Lower Upper
91 100
92 59.9 30.3 90.9
134 25.5 13.0 38.9



#90
Hexachloroethane
Concen: 47.928 ug/l
RT: 13.85 min Scan# 1252
Delta R.T. -0.02 min
Lab File: VD060384.D
Acq: 14 Nov 2018 17:38

Tgt Ion: 117 Resp: 607806
Ion Ratio Lower Upper
117 100
201 80.5 40.1 120.3





#91

1,2-Dichlorobenzene

Concen: 47.198 ug/l

RT: 13.65 min Scan# 1232

Delta R.T. -0.02 min

Lab File: VD060384.D

Acq: 14 Nov 2018 17:38

Instrument :

MSVOA_D

ClientSampleId :

FDSB-05(25-27)MSD

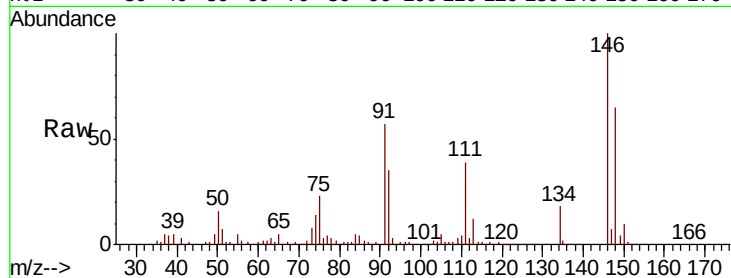
Tot Ion:146 Resp: 1149411

Ion Ratio Lower Upper

146 100

111 38.5 18.9 56.9

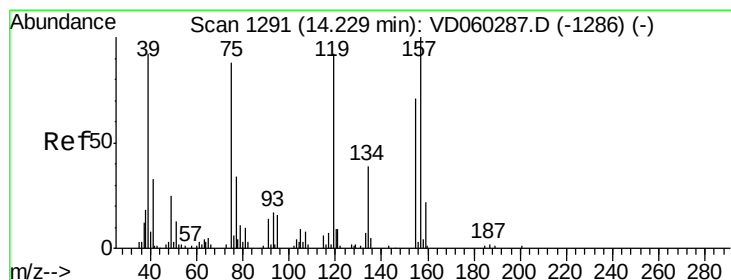
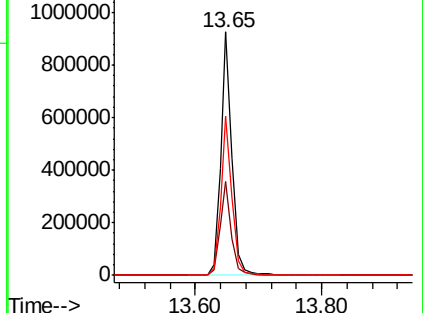
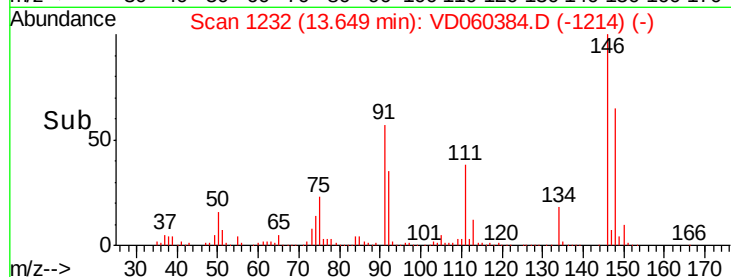
148 65.3 31.6 94.8



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.778 ug/l

RT: 14.22 min Scan# 1290

Delta R.T. -0.01 min

Lab File: VD060384.D

Acq: 14 Nov 2018 17:38

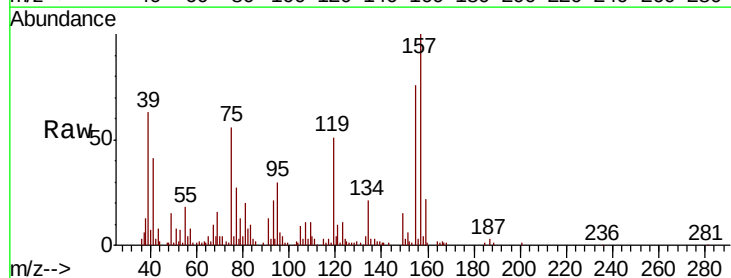
Tgt Ion: 75 Resp: 55459

Ion Ratio Lower Upper

75 100

155 135.9 64.3 192.9

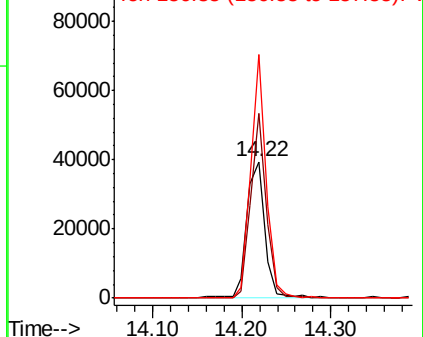
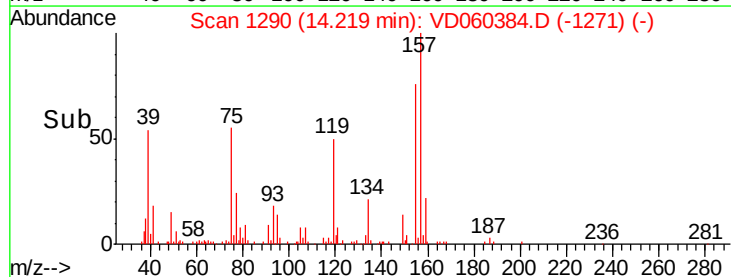
157 178.9 81.0 243.1

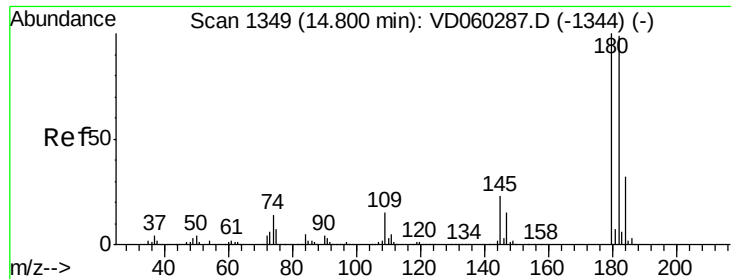


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V

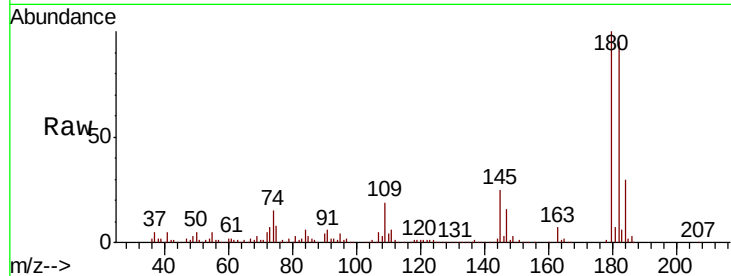




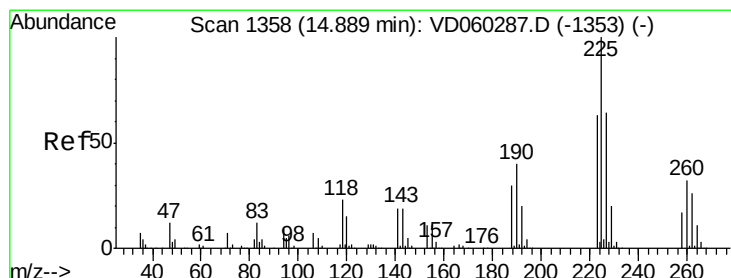
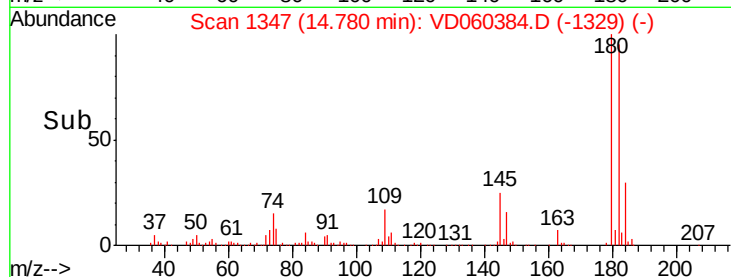
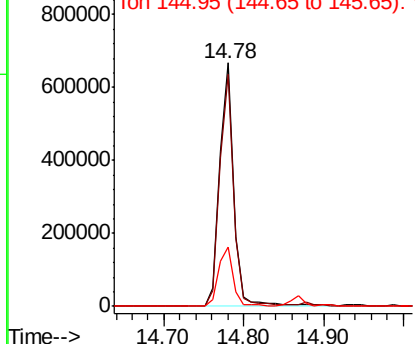
#93
 1,2,4-Trichlorobenzene
 Concen: 43.385 ug/l
 RT: 14.78 min Scan# 1347
 Delta R.T. -0.02 min
 Lab File: VD060384.D
 Acq: 14 Nov 2018 17:38

Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-05(25-27)MSD

Tot Ion:180 Resp: 837701
 Ion Ratio Lower Upper
 180 100
 182 95.1 48.1 144.4
 145 24.6 11.5 34.4

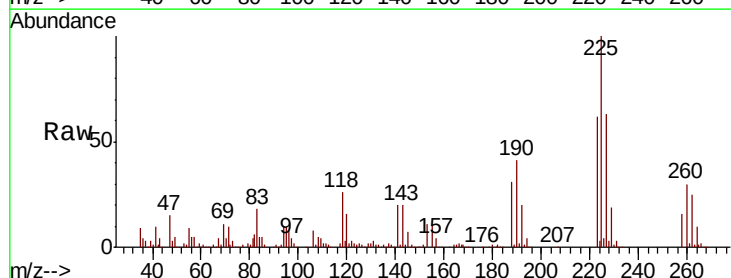


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

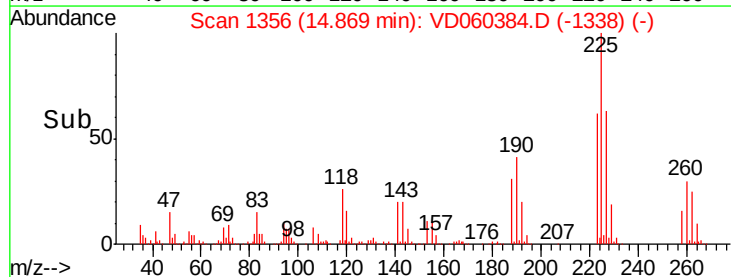
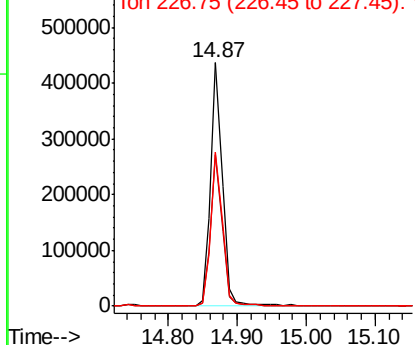


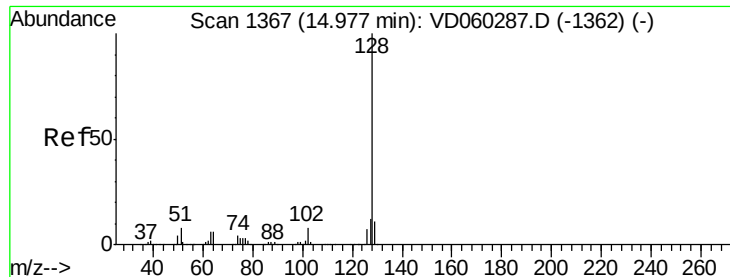
#94
 Hexachlorobutadiene
 Concen: 36.355 ug/l
 RT: 14.87 min Scan# 1356
 Delta R.T. -0.02 min
 Lab File: VD060384.D
 Acq: 14 Nov 2018 17:38

Tgt Ion:225 Resp: 525040
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.6 94.8
 227 63.5 32.3 96.9



Abundance Ion 224.75 (224.45 to 225.45): V
 Ion 222.75 (222.45 to 223.45): V
 Ion 226.75 (226.45 to 227.45): V

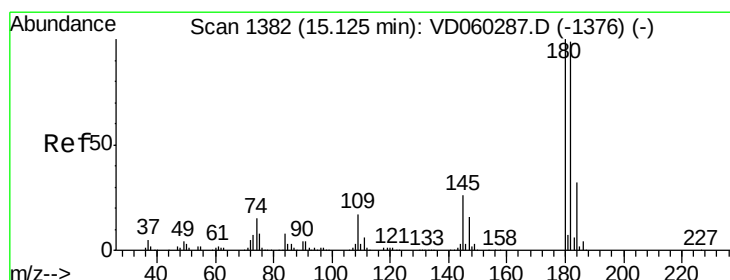
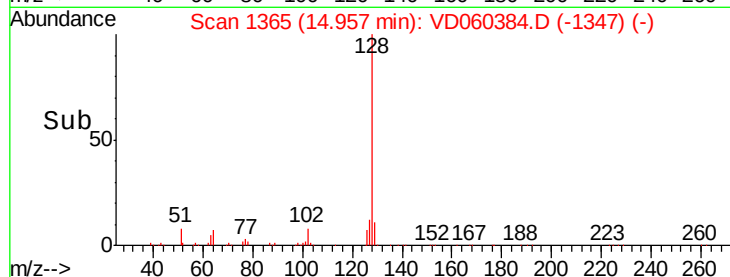
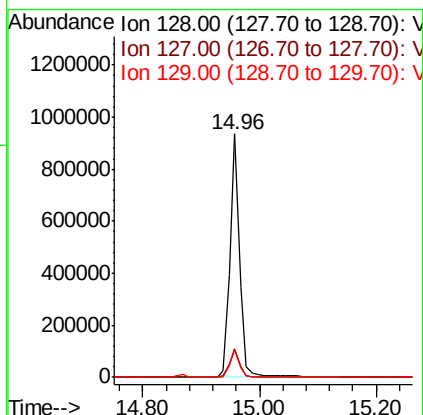
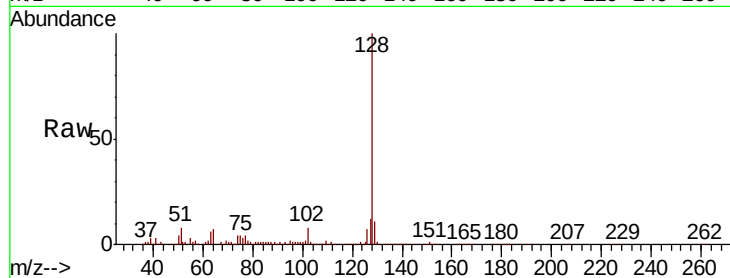




#95
Naphthalene
Concen: 45.912 ug/l
RT: 14.96 min Scan# 1365
Delta R.T. -0.02 min
Lab File: VD060384.D
Acq: 14 Nov 2018 17:38

Instrument :
MSVOA_D
ClientSampleId :
FDSB-05(25-27)MSD

Tot Ion:128 Resp: 1082469
Ion Ratio Lower Upper
128 100
127 12.0 9.6 14.4
129 11.1 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 45.008 ug/l
RT: 15.10 min Scan# 1380
Delta R.T. -0.02 min
Lab File: VD060384.D
Acq: 14 Nov 2018 17:38

Tgt Ion:180 Resp: 696389
Ion Ratio Lower Upper
180 100
182 95.8 48.9 146.7
145 25.7 12.9 38.6

