

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD111618\
 Data File : VD060400.D
 Acq On : 16 Nov 2018 16:11
 Operator : JC/SY
 Sample : J5911-07RE
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-06(10-12)RE

Quant Time: Nov 16 16:45:09 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	6.42	168	430736	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.46	114	703200	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	666829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	356312	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.80	65	213438	69.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	138.40%	
35) Dibromofluoromethane	6.34	113	219857	41.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.86%	
50) Toluene-d8	9.47	98	539013	35.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.24%	
62) 4-Bromofluorobenzene	12.43	95	250956	45.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.26%	

Target Compounds

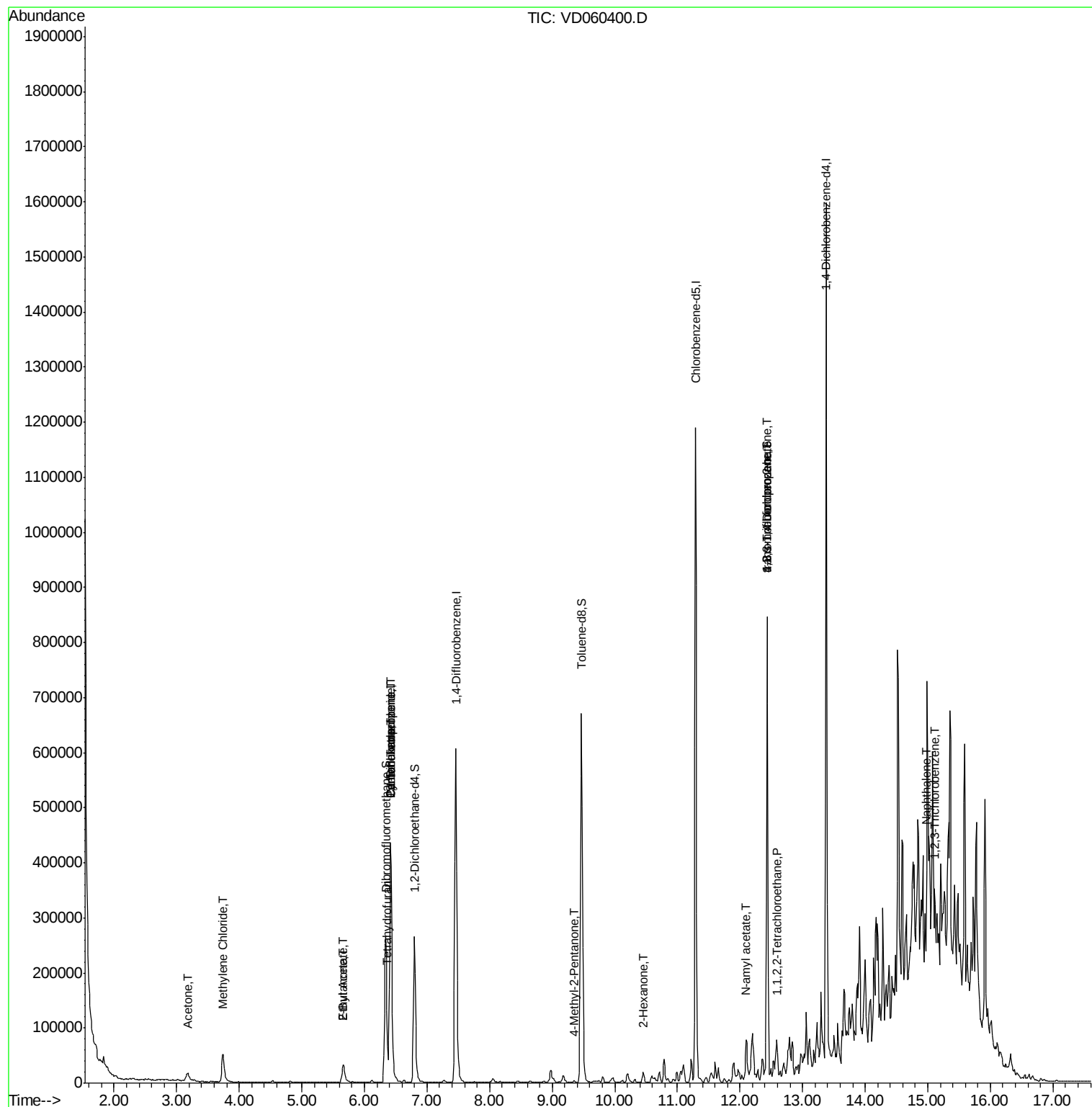
						Qvalue
16) Acetone	3.18	43	32696	61.12	ug/l	98
20) Methylene Chloride	3.74	84	34332	7.23	ug/l	92
25) 2-Butanone	5.65	43	4391	3.95	ug/l #	60
29) Tetrahydrofuran	6.37	42	800	1.36	ug/l #	41
31) Cyclohexane	6.42	56	8450	1.15	ug/l #	1
36) 1,1-Dichloropropene	6.42	75	27111	3.90	ug/l #	47
37) Ethyl Acetate	5.65	43	4391	1.37	ug/l #	69
38) Carbon Tetrachloride	6.43	117	33904	5.26	ug/l #	15
51) 4-Methyl-2-Pentanone	9.35	43	3184	1.22	ug/l #	85
59) 2-Hexanone	10.45	43	13030	6.99	ug/l #	31
74) N-amyl acetate	12.10	43	14928	2.24	ug/l #	65
75) 1,1,2,2-Tetrachloroethane	12.59	83	4764	1.12	ug/l #	51
76) 1,2,3-Trichloropropane	12.43	75	77193	18.11	ug/l #	45
81) trans-1,4-Dichloro-2-buten	12.43	75	95362	78.59	ug/l #	15
89) n-Butylbenzene	13.65	91	24261	Below	Cal	96
95) Naphthalene	14.97	128	12720	1.30	ug/l #	81
96) 1,2,3-Trichlorobenzene	15.13	180	6868	1.07	ug/l #	1

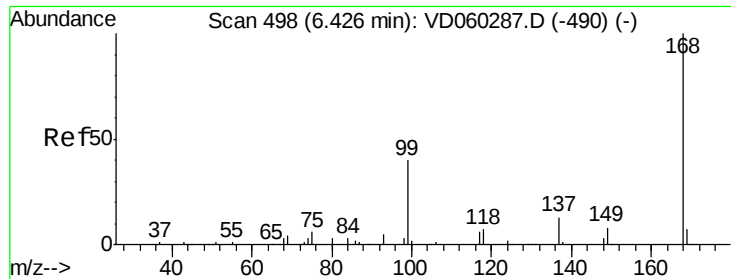
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD111618\
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Quant Title : SW846 8260
QLast Update : Tue Nov 06 13:56:04 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.42 min Scan# 497

Delta R.T. -0.01 min

Lab File: VD060400.D

Acq: 16 Nov 2018 16:11

Instrument :

MSVOA_D

ClientSampleId :

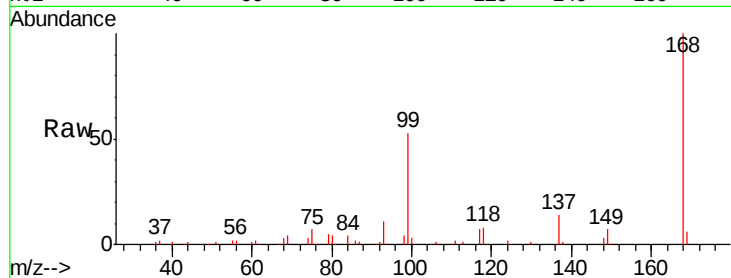
FDSB-06(10-12)RE

Tgt Ion:168 Resp: 430736

Ion Ratio Lower Upper

168 100

99 53.5 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.42

150000

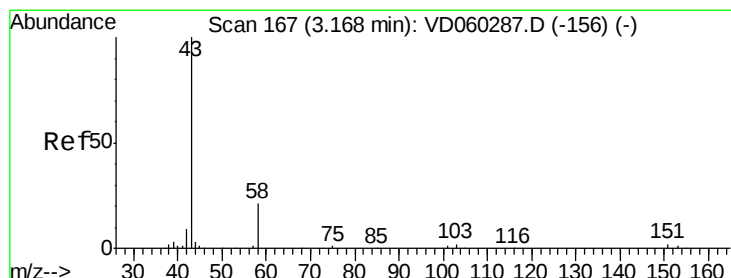
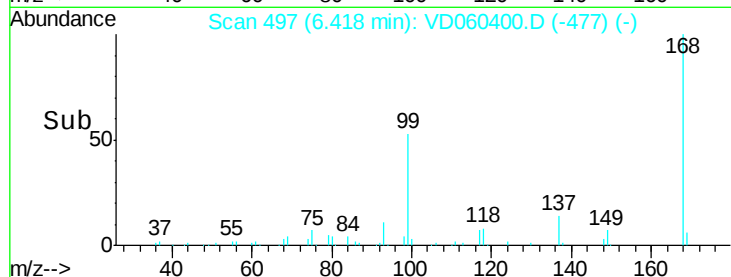
100000

50000

0

6.30 6.40 6.50 6.60

Time-->



#16

Acetone

Concen: 61.12 ug/l

RT: 3.18 min Scan# 168

Delta R.T. 0.01 min

Lab File: VD060400.D

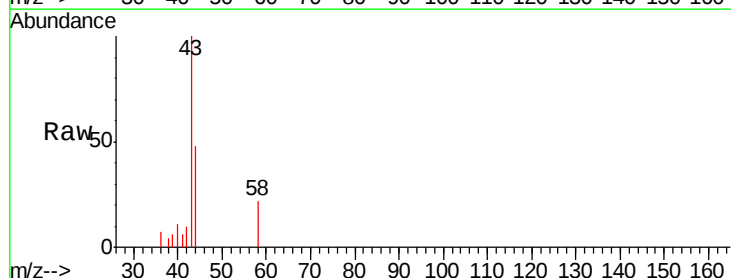
Acq: 16 Nov 2018 16:11

Tgt Ion: 43 Resp: 32696

Ion Ratio Lower Upper

43 100

58 22.2 16.9 25.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

10000

8000

6000

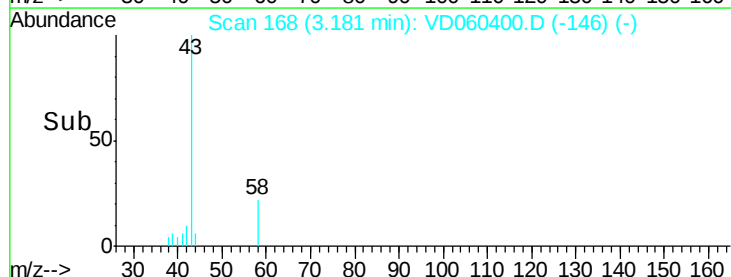
4000

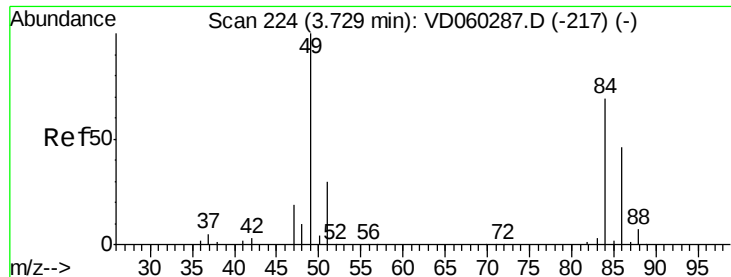
2000

0

3.00 3.10 3.20 3.30

Time-->

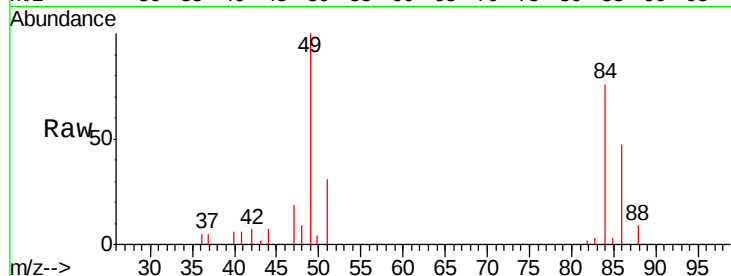




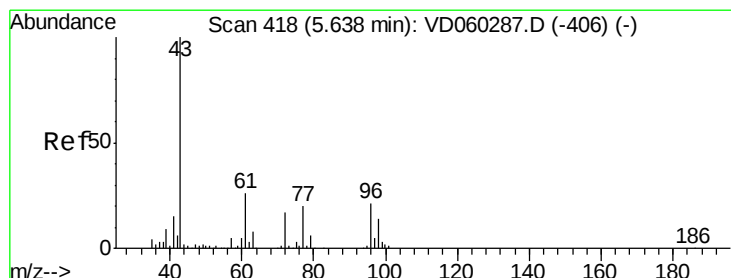
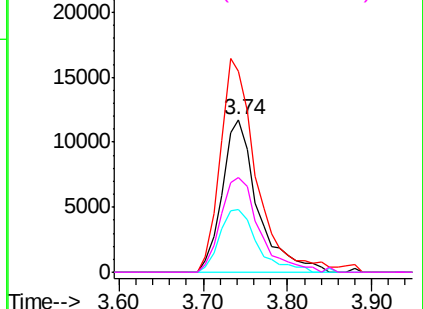
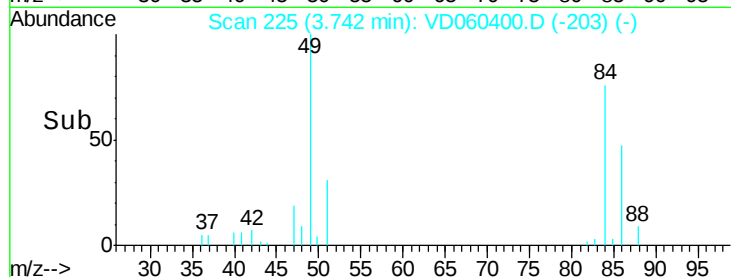
#20
Methylene Chloride
Concen: 7.23 ug/l
RT: 3.74 min Scan# 225
Delta R.T. 0.01 min
Lab File: VD060400.D
Acq: 16 Nov 2018 16:11

Instrument :
MSVOA_D
ClientSampleId :
FDSB-06(10-12)RE

Tgt Ion: 84 Resp: 34332
Ion Ratio Lower Upper
84 100
49 131.5 115.6 173.4
51 41.2 35.6 53.4
86 62.4 52.3 78.5

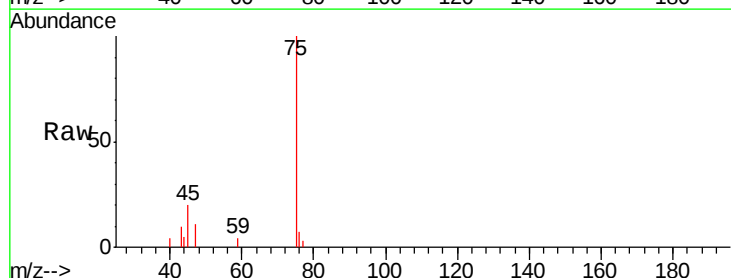


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

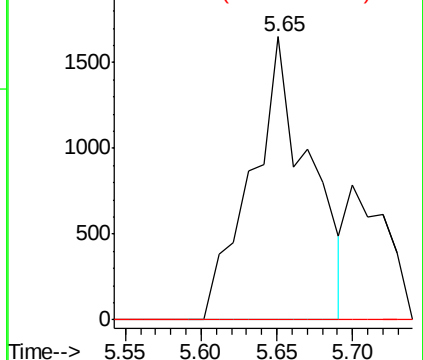
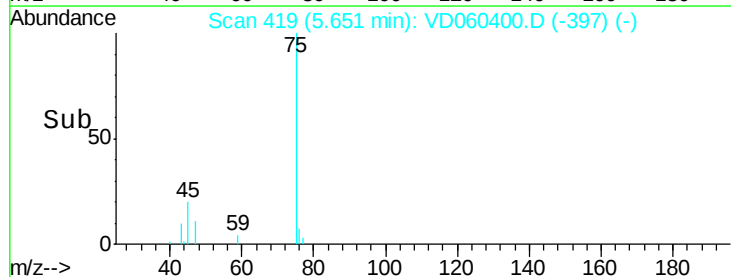


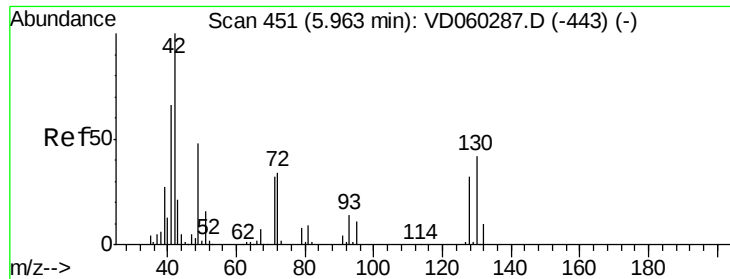
#25
2-Butanone
Concen: 3.95 ug/l
RT: 5.65 min Scan# 419
Delta R.T. 0.01 min
Lab File: VD060400.D
Acq: 16 Nov 2018 16:11

Tgt Ion: 43 Resp: 4391
Ion Ratio Lower Upper
43 100
72 0.0 13.8 20.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 72.00 (71.70 to 72.70): VDC

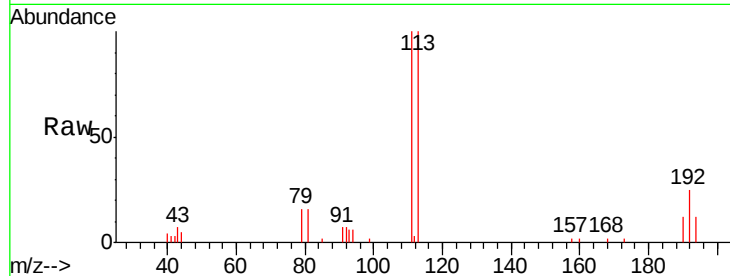




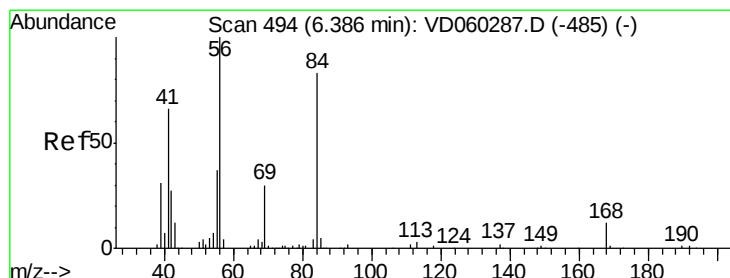
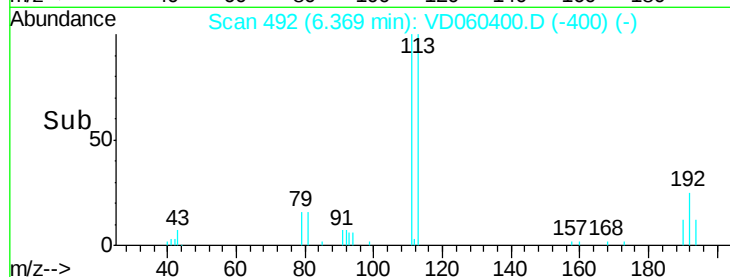
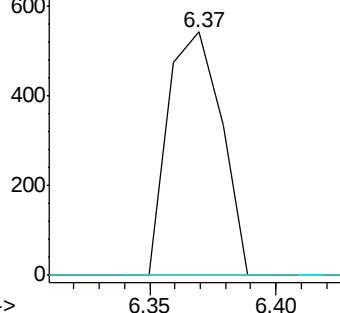
#29
Tetrahydrofuran
Concen: 1.36 ug/l
RT: 6.37 min Scan# 492
Delta R.T. 0.41 min
Lab File: VD060400.D
Acq: 16 Nov 2018 16:11

Instrument :
MSVOA_D
ClientSampleId :
FDSB-06(10-12)RE

Tgt Ion: 42 Resp: 800
Ion Ratio Lower Upper
42 100
72 0.0 27.6 41.4#
71 0.0 26.5 39.7#

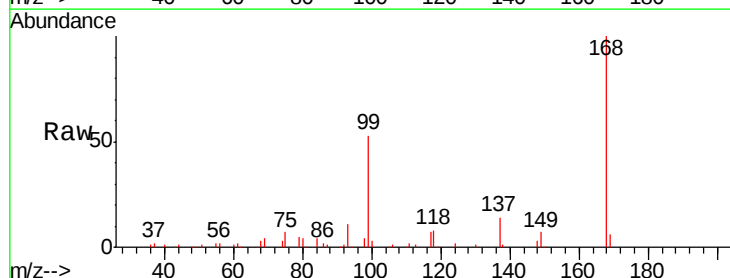


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

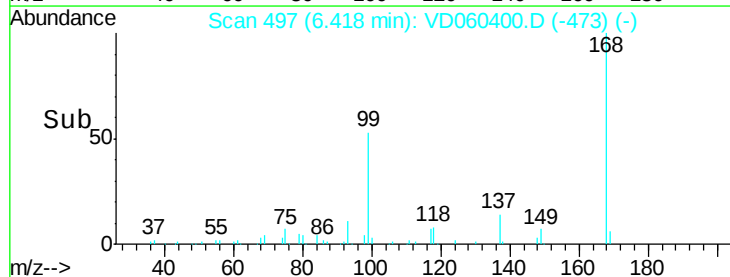
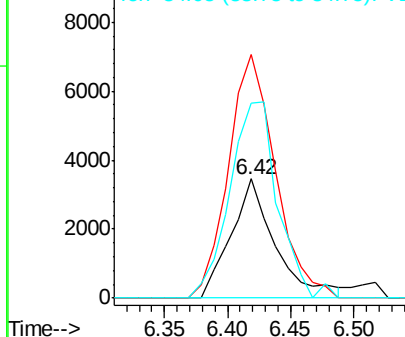


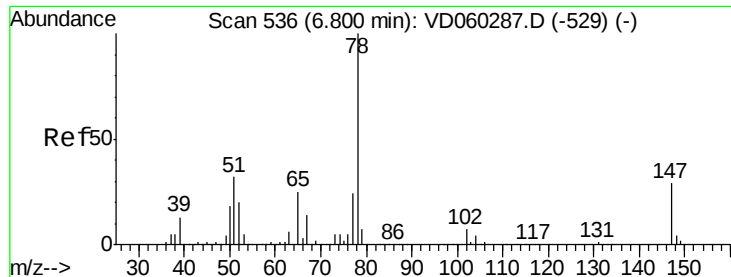
#31
Cyclohexane
Concen: 1.15 ug/l
RT: 6.42 min Scan# 497
Delta R.T. 0.03 min
Lab File: VD060400.D
Acq: 16 Nov 2018 16:11

Tgt Ion: 56 Resp: 8450
Ion Ratio Lower Upper
56 100
69 204.8 22.2 33.2#
84 164.0 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





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.80 min Scan# 536

Delta R.T. 0.00 min

Lab File: VD060400.D

Acq: 16 Nov 2018 16:11

Instrument :

MSVOA_D

ClientSampleId :

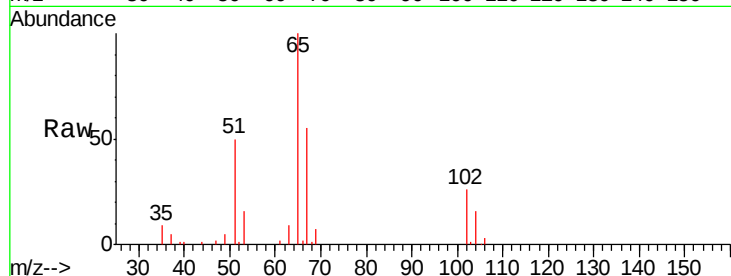
FDSB-06(10-12)RE

Tgt Ion: 65 Resp: 213438

Ion Ratio Lower Upper

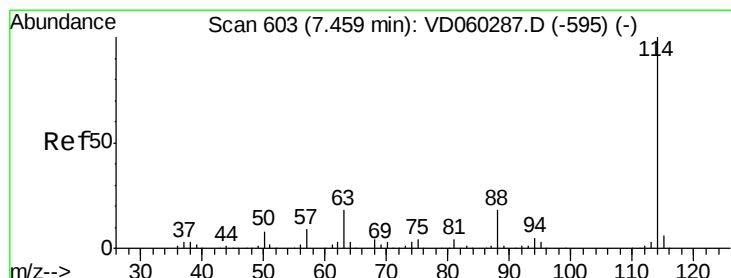
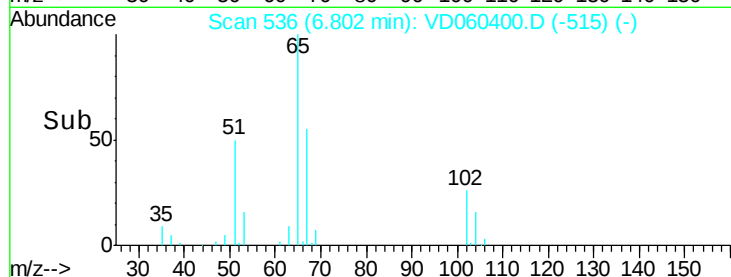
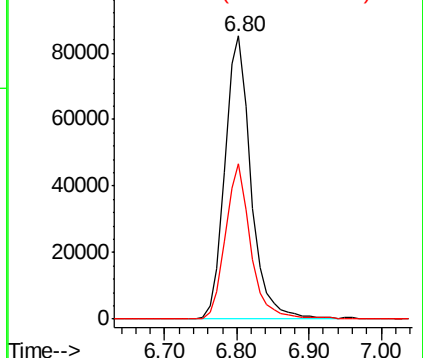
65 100

67 54.7 0.0 109.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 7.46 min Scan# 603

Delta R.T. 0.00 min

Lab File: VD060400.D

Acq: 16 Nov 2018 16:11

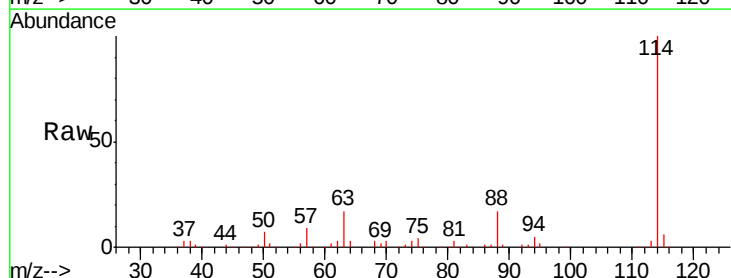
Tgt Ion: 114 Resp: 703200

Ion Ratio Lower Upper

114 100

63 17.1 0.0 34.0

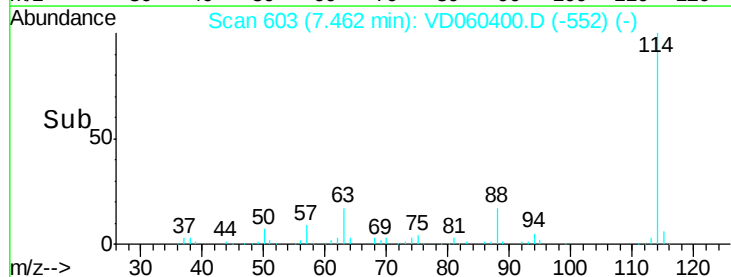
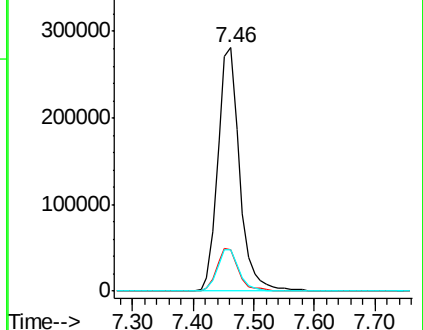
88 17.1 0.0 35.4

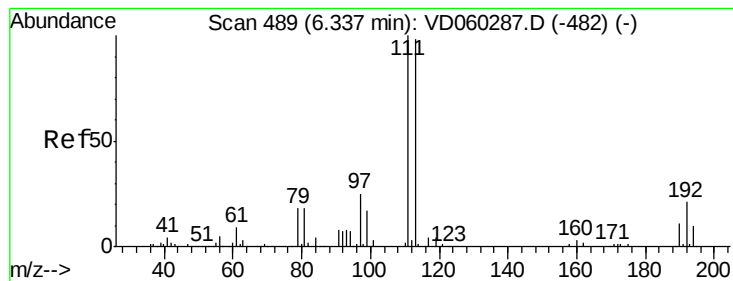


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 6.34 min Scan# 489

Delta R.T. 0.00 min

Lab File: VD060400.D

Acq: 16 Nov 2018 16:11

Instrument :

MSVOA_D

ClientSampleId :

FDSB-06(10-12)RE

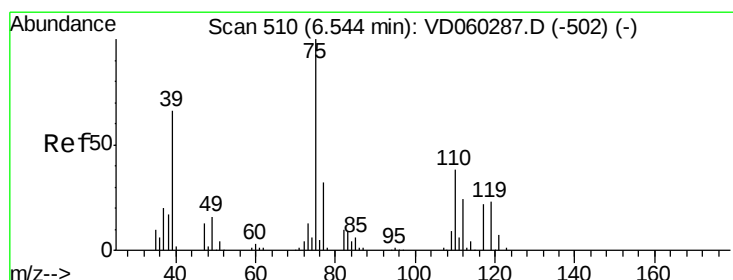
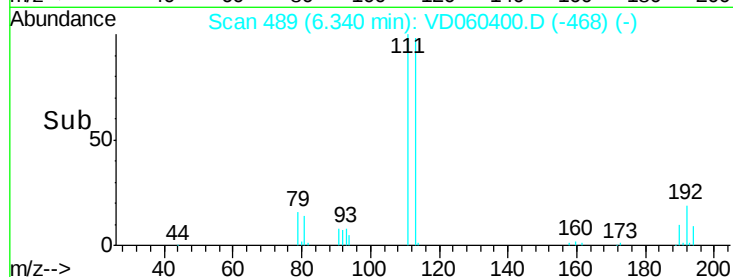
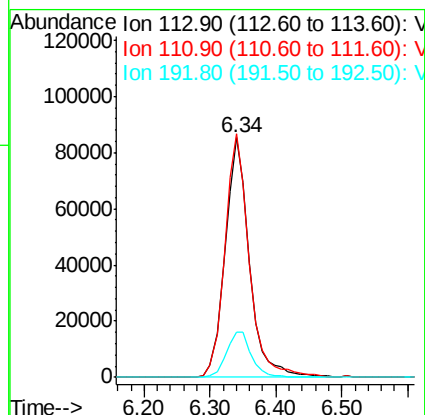
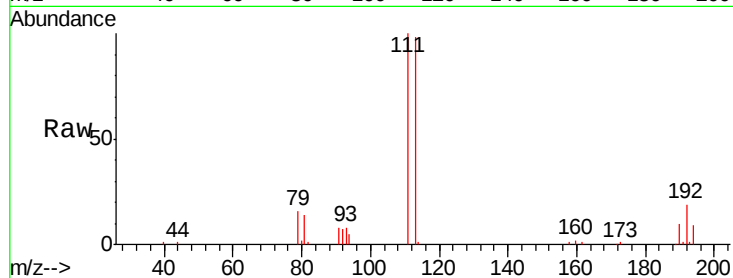
Tgt Ion:113 Resp: 219857

Ion Ratio Lower Upper

113 100

111 101.8 81.6 122.4

192 18.9 16.5 24.7



#36

1,1-Dichloropropene

Concen: 3.90 ug/l

RT: 6.42 min Scan# 497

Delta R.T. -0.13 min

Lab File: VD060400.D

Acq: 16 Nov 2018 16:11

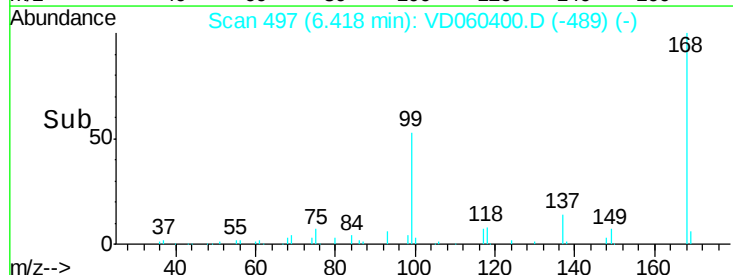
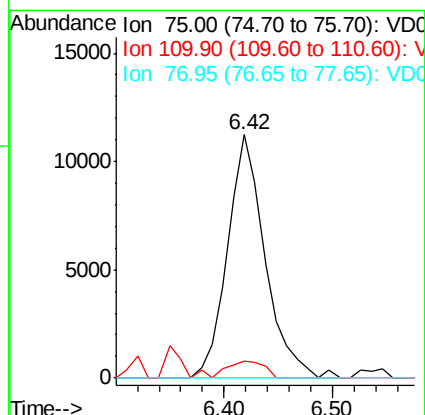
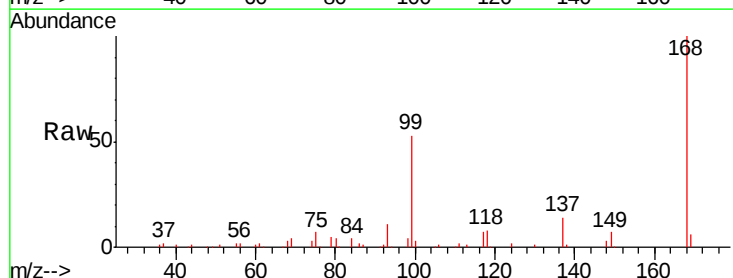
Tgt Ion: 75 Resp: 27111

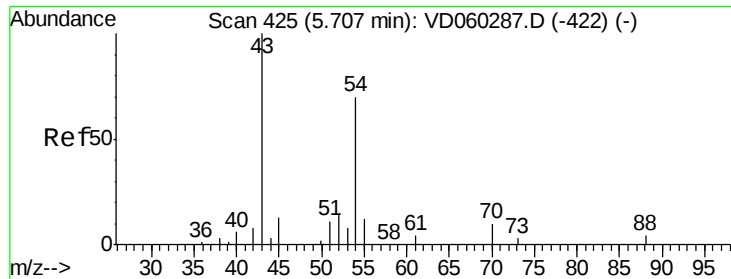
Ion Ratio Lower Upper

75 100

110 7.0 18.0 54.0#

77 0.0 25.6 38.4#

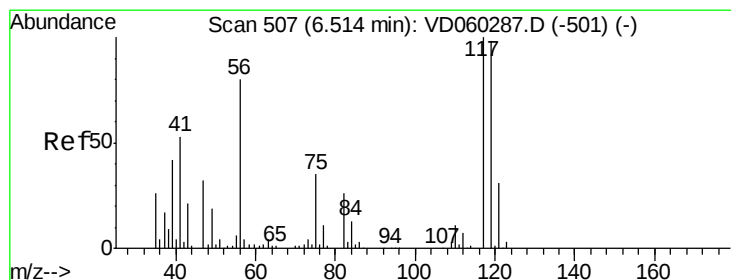
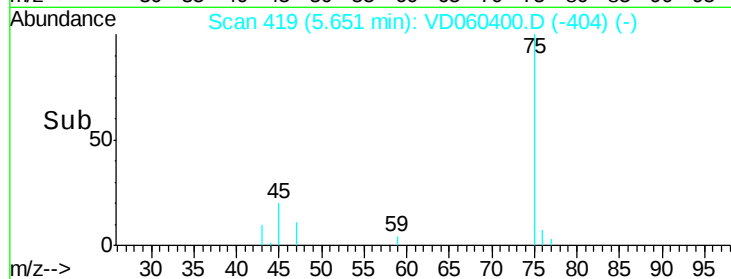
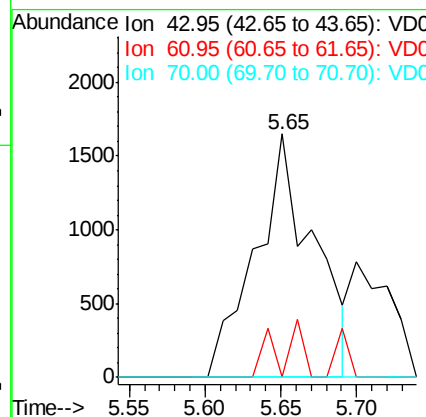
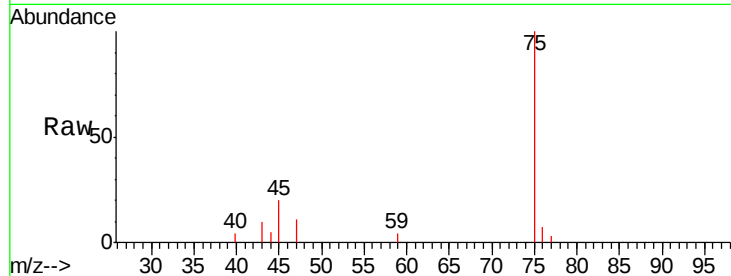




#37
Ethyl Acetate
Concen: 1.37 ug/l
RT: 5.65 min Scan# 419
Delta R.T. -0.06 min
Lab File: VD060400.D
Acq: 16 Nov 2018 16:11

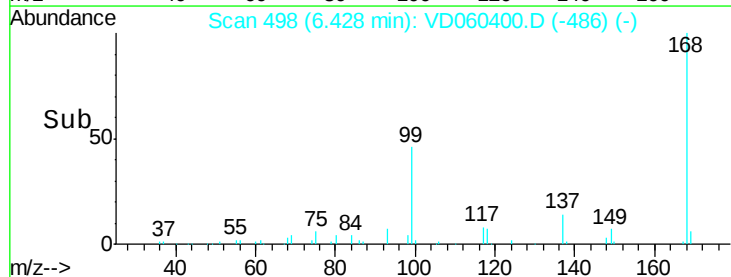
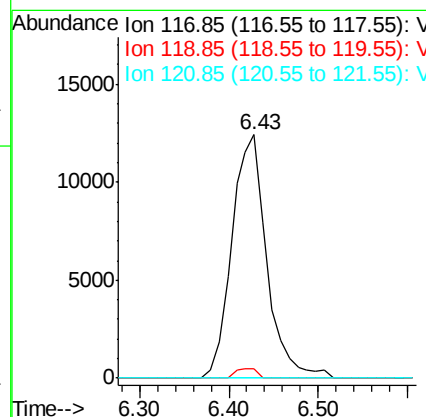
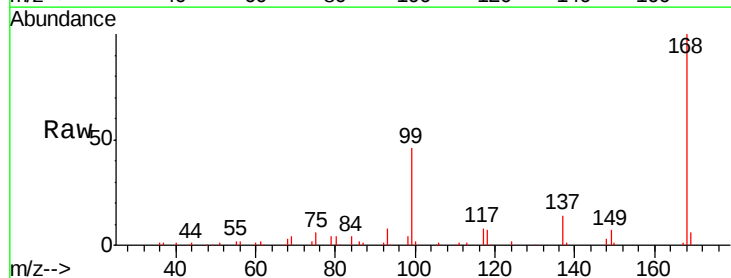
Instrument :
MSVOA_D
ClientSampleId :
FDSB-06(10-12)RE

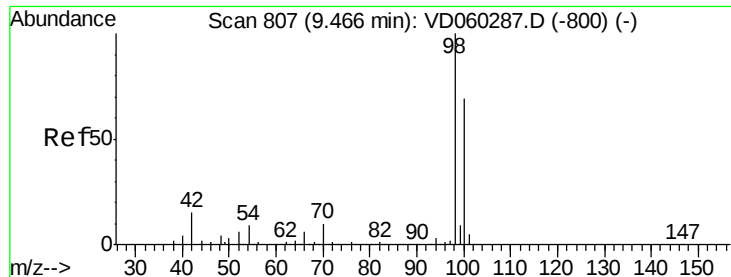
Tgt Ion: 43 Resp: 4391
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.0 6.2 9.4#



#38
Carbon Tetrachloride
Concen: 5.26 ug/l
RT: 6.43 min Scan# 498
Delta R.T. -0.09 min
Lab File: VD060400.D
Acq: 16 Nov 2018 16:11

Tgt Ion: 117 Resp: 33904
Ion Ratio Lower Upper
117 100
119 3.7 76.6 115.0#
121 0.0 24.3 36.5#

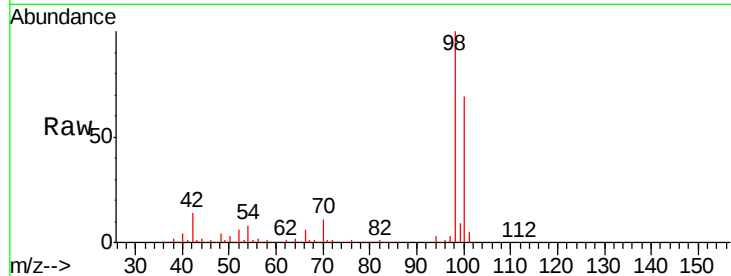




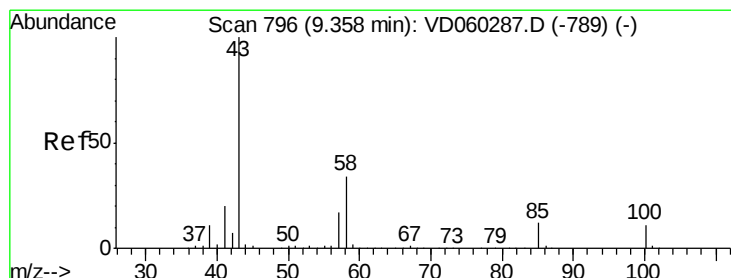
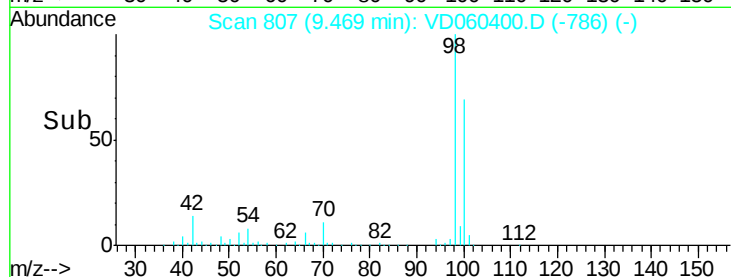
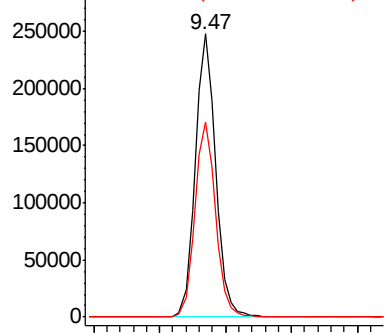
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.47 min Scan# 807
Delta R.T. 0.00 min
Lab File: VD060400.D
Acq: 16 Nov 2018 16:11

Instrument :
MSVOA_D
ClientSampleId :
FDSB-06(10-12)RE

Tgt Ion: 98 Resp: 539013
Ion Ratio Lower Upper
98 100
100 69.1 55.2 82.8

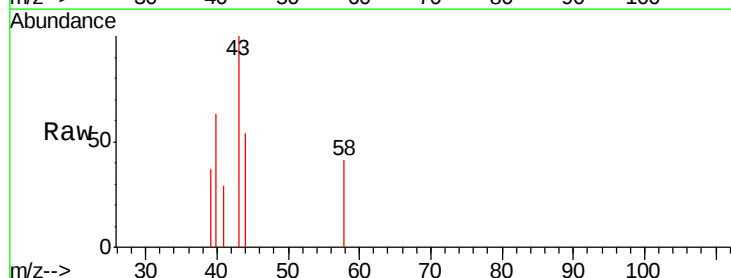


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

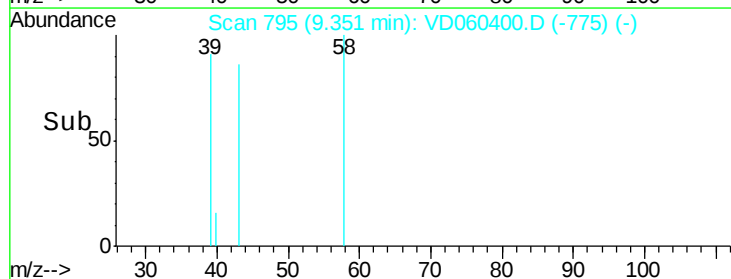
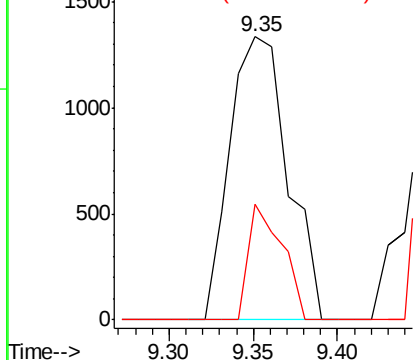


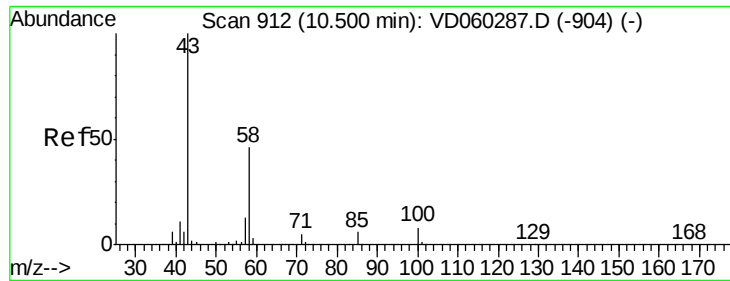
#51
4-Methyl-2-Pentanone
Concen: 1.22 ug/l
RT: 9.35 min Scan# 795
Delta R.T. -0.01 min
Lab File: VD060400.D
Acq: 16 Nov 2018 16:11

Tgt Ion: 43 Resp: 3184
Ion Ratio Lower Upper
43 100
58 41.0 26.1 39.1#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC

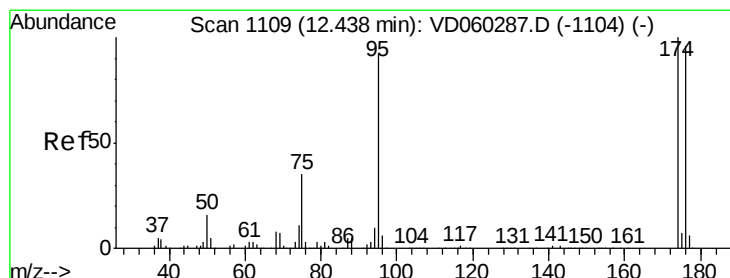
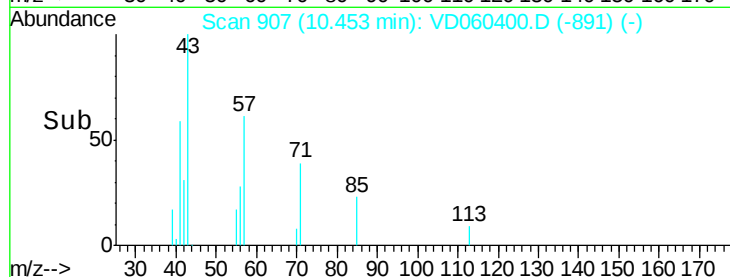
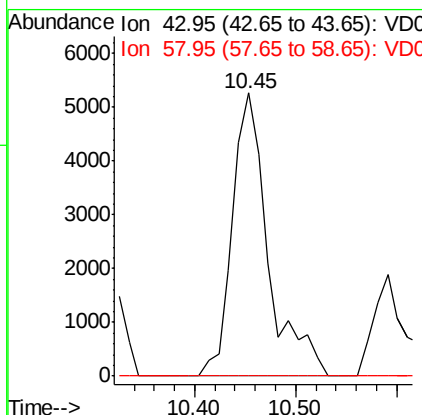
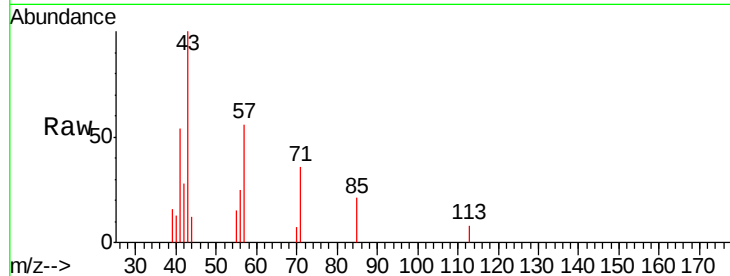




#59
2-Hexanone
Concen: 6.99 ug/l
RT: 10.45 min Scan# 907
Delta R.T. -0.05 min
Lab File: VD060400.D
Acq: 16 Nov 2018 16:11

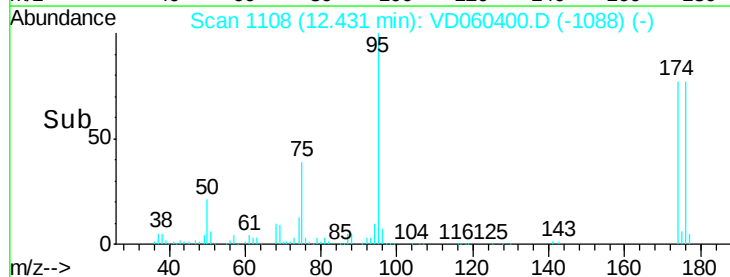
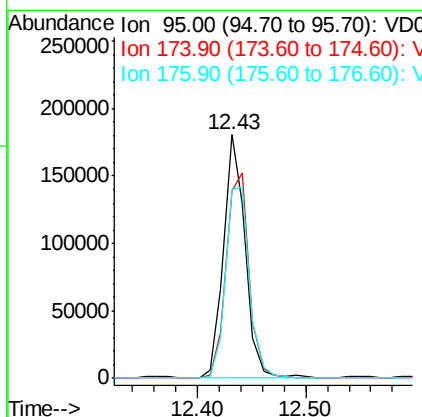
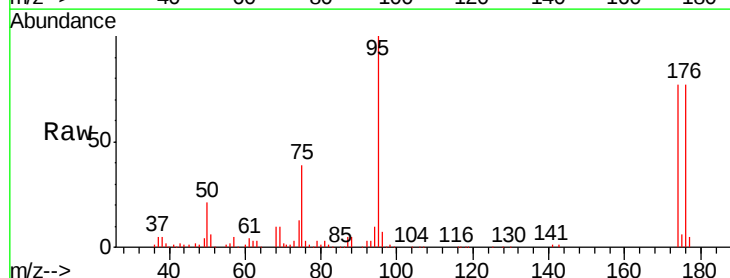
Instrument :
MSVOA_D
ClientSampleId :
FDSB-06(10-12)RE

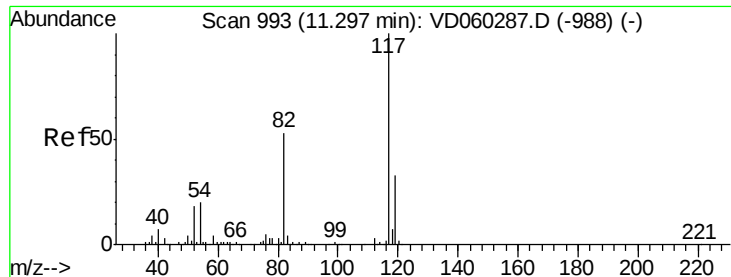
Tgt Ion: 43 Resp: 13030
Ion Ratio Lower Upper
43 100
58 0.0 22.9 68.5#



#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.43 min Scan# 1108
Delta R.T. -0.01 min
Lab File: VD060400.D
Acq: 16 Nov 2018 16:11

Tgt Ion: 95 Resp: 250956
Ion Ratio Lower Upper
95 100
174 77.1 0.0 160.8
176 77.3 0.0 154.6

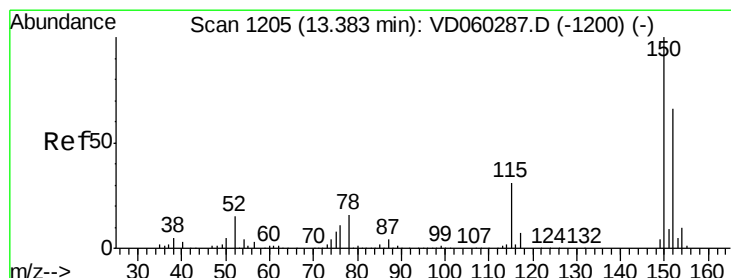
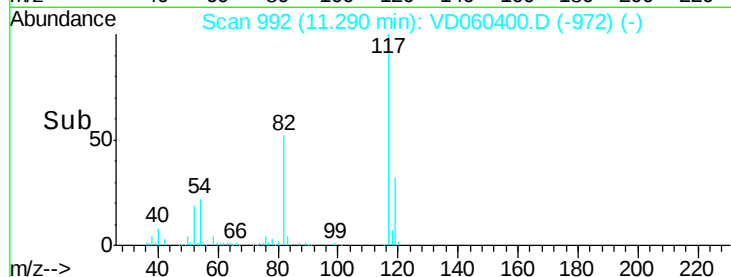
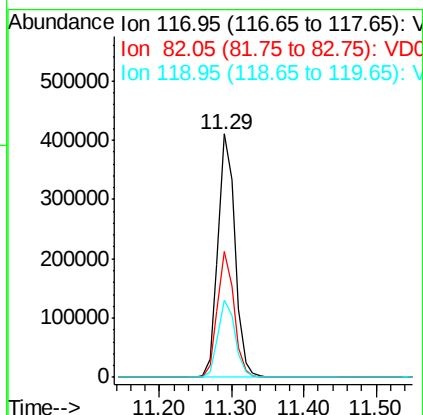
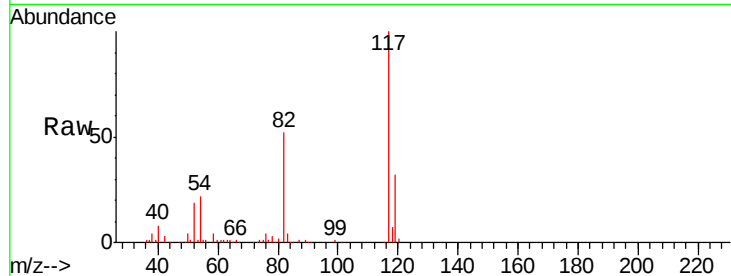




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.29 min Scan# 992
Delta R.T. -0.01 min
Lab File: VD060400.D
Acq: 16 Nov 2018 16:11

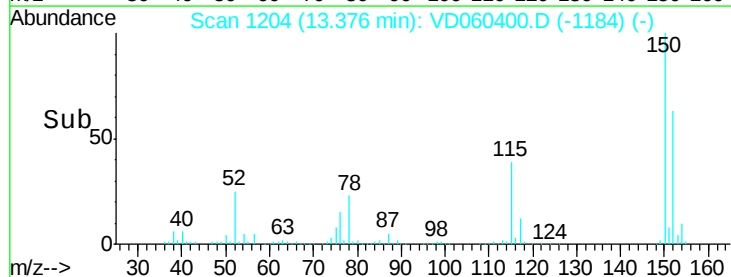
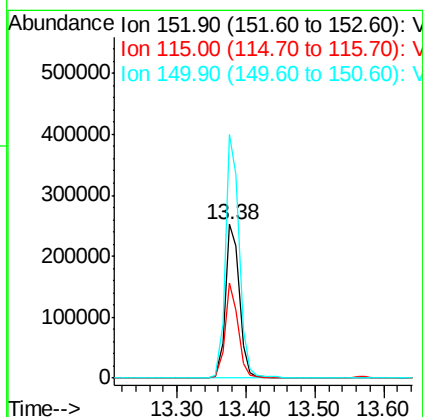
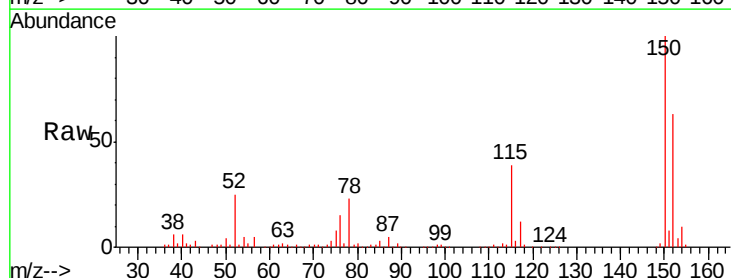
Instrument :
MSVOA_D
ClientSampleId :
FDSB-06(10-12)RE

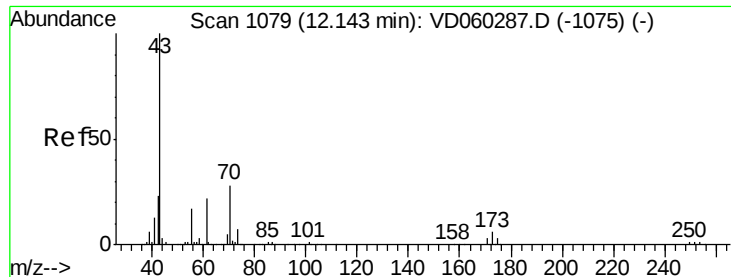
Tgt Ion:117 Resp: 666829
Ion Ratio Lower Upper
117 100
82 51.6 43.7 65.5
119 31.8 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.38 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VD060400.D
Acq: 16 Nov 2018 16:11

Tgt Ion:152 Resp: 356312
Ion Ratio Lower Upper
152 100
115 61.6 24.1 72.3
150 158.4 0.0 310.6





#74

N-ethyl acetate

Concen: 2.24 ug/l

RT: 12.10 min Scan# 1074

Delta R.T. -0.05 min

Lab File: VD060400.D

Acq: 16 Nov 2018 16:11

Instrument :

MSVOA_D

ClientSampleId :

FDSB-06(10-12)RE

Tgt Ion: 43 Resp: 14928

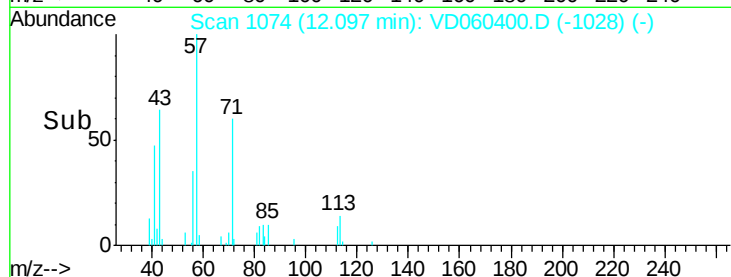
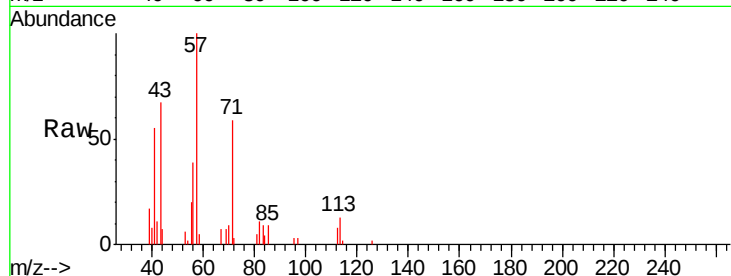
Ion Ratio Lower Upper

43 100

70 13.1 23.0 34.4#

55 30.3 14.2 21.4#

61 0.0 17.8 26.8#

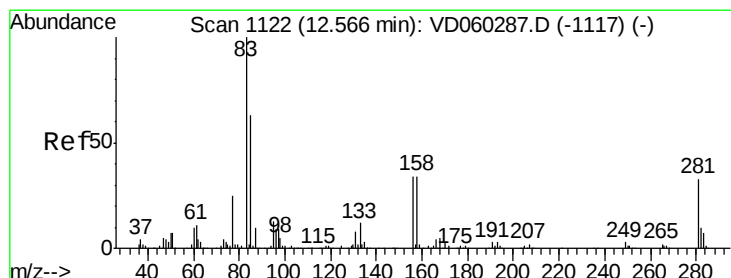
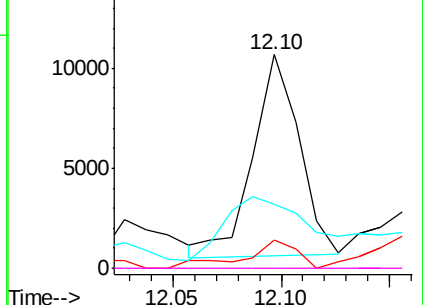


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC



#75

1,1,2,2-Tetrachloroethane

Concen: 1.12 ug/l

RT: 12.59 min Scan# 1124

Delta R.T. 0.02 min

Lab File: VD060400.D

Acq: 16 Nov 2018 16:11

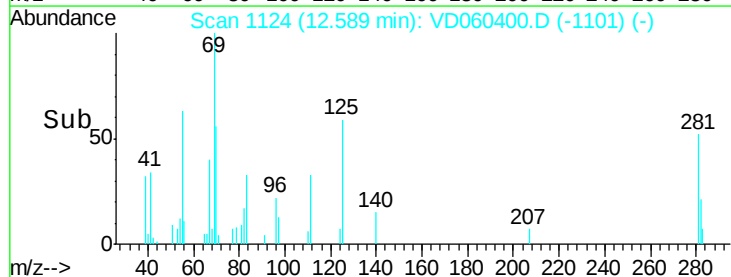
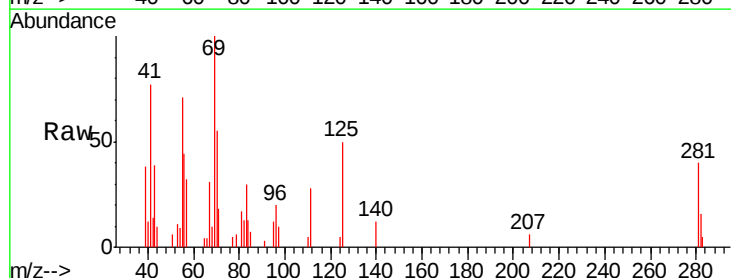
Tgt Ion: 83 Resp: 4764

Ion Ratio Lower Upper

83 100

131 0.0 3.9 11.5#

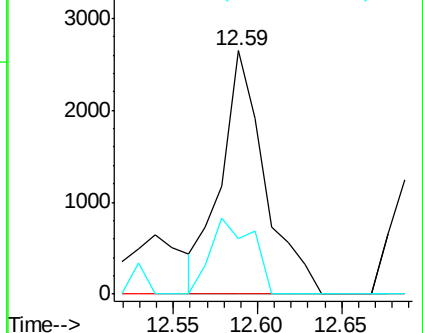
85 22.8 32.0 96.0#

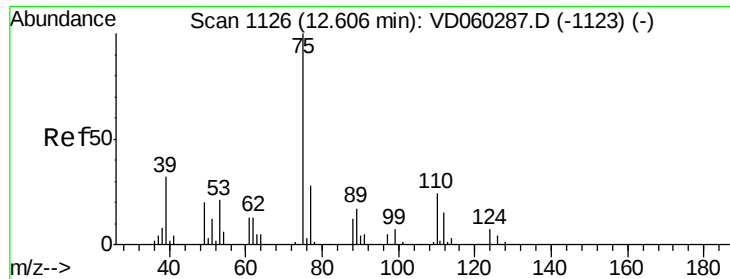


Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC

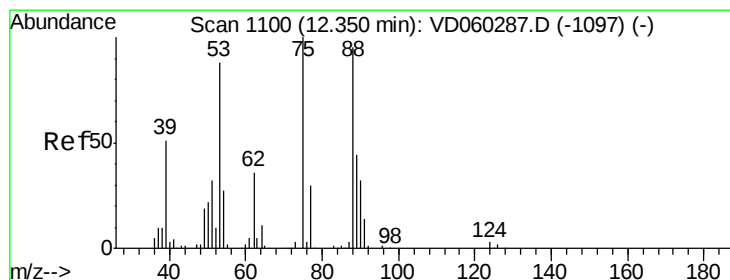
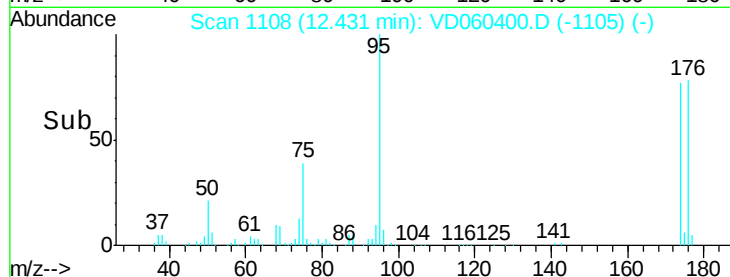
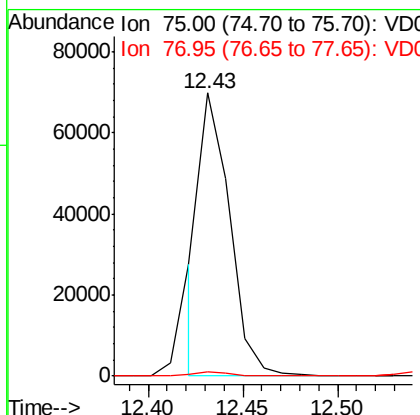
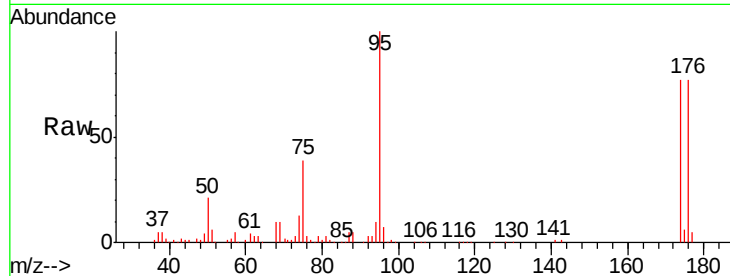




#76
 1,2,3-Trichloropropane
 Concen: 18.11 ug/l
 RT: 12.43 min Scan# 1108
 Delta R.T. -0.17 min
 Lab File: VD060400.D
 Acq: 16 Nov 2018 16:11

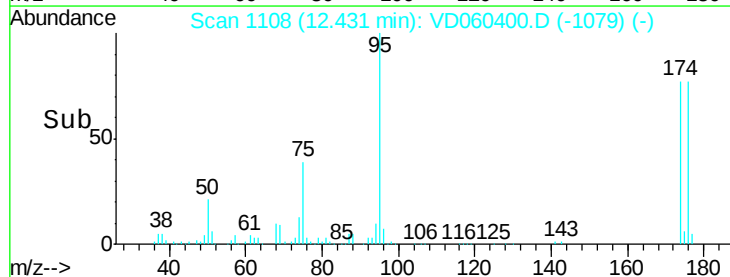
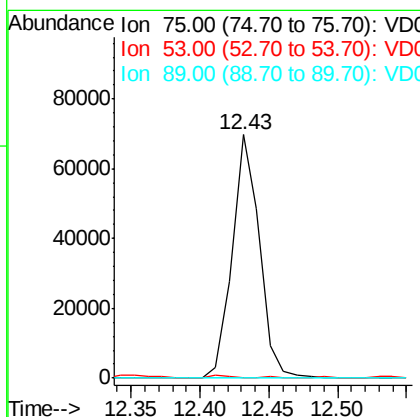
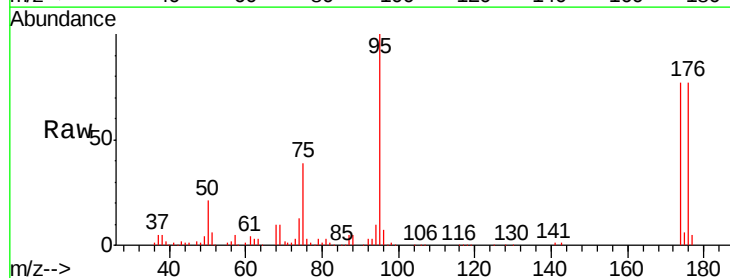
Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-06(10-12)RE

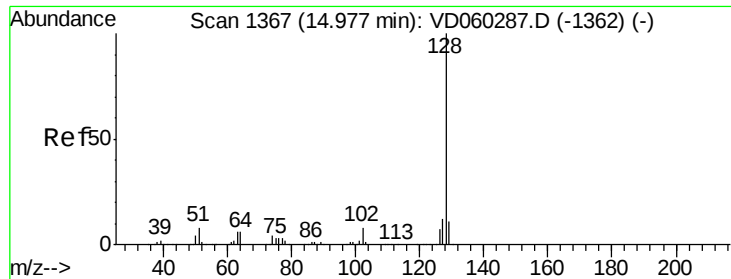
Tgt Ion: 75 Resp: 77193
 Ion Ratio Lower Upper
 75 100
 77 1.7 16.4 49.1#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.59 ug/l
 RT: 12.43 min Scan# 1108
 Delta R.T. 0.08 min
 Lab File: VD060400.D
 Acq: 16 Nov 2018 16:11

Tgt Ion: 75 Resp: 95362
 Ion Ratio Lower Upper
 75 100
 53 0.0 68.6 103.0#
 89 0.0 34.1 51.1#





#95

Naphthalene

Concen: 1.30 ug/l

RT: 14.97 min Scan# 1366

Delta R.T. -0.01 min

Lab File: VD060400.D

Acq: 16 Nov 2018 16:11

Instrument :

MSVOA_D

ClientSampleId :

FDSB-06(10-12)RE

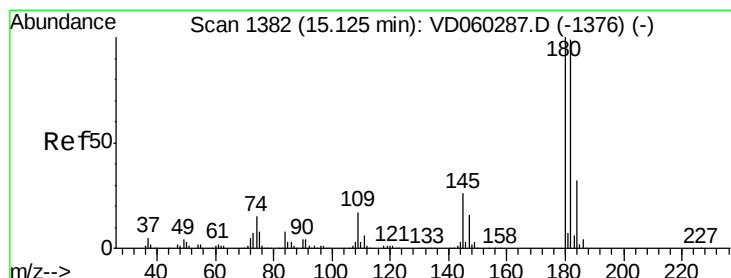
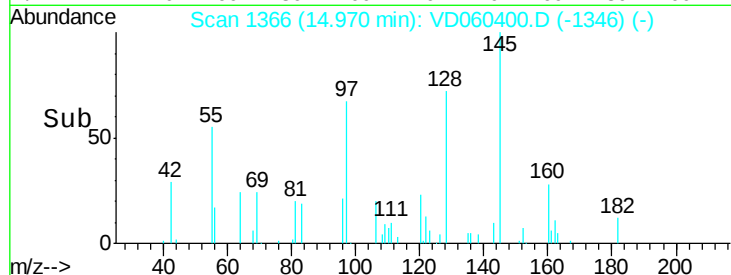
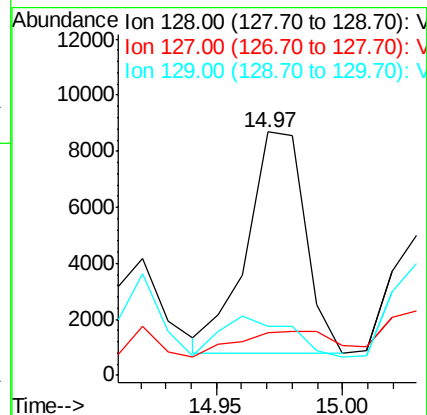
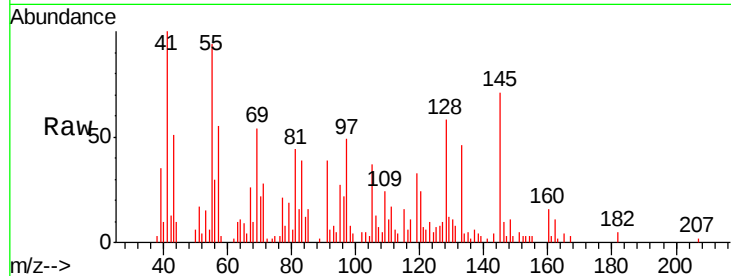
Tgt Ion:128 Resp: 12720

Ion Ratio Lower Upper

128 100

127 17.3 9.6 14.4#

129 20.4 8.6 12.8#



#96

1,2,3-Trichlorobenzene

Concen: 1.07 ug/l

RT: 15.13 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VD060400.D

Acq: 16 Nov 2018 16:11

Tgt Ion:180 Resp: 6868

Ion Ratio Lower Upper

180 100

182 87.1 48.9 146.7

145 314.9 12.9 38.6#

