

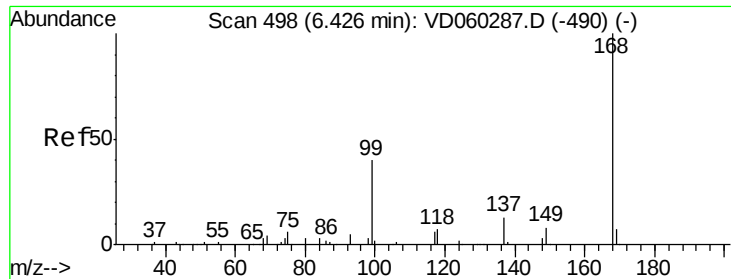
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD112118\
 Data File : VD060440.D
 Acq On : 21 Nov 2018 14:08
 Operator : JC/SY
 Sample : J5967-05
 Misc : 5.03g/5ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-13(6-8)

Quant Time: Nov 22 03:33:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 19 16:31:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	405145	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.45	114	612999	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.28	117	580384	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	329802	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	257860	88.89	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	177.78%	
35) Dibromofluoromethane	6.33	113	256951	56.21	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	112.42%	
50) Toluene-d8	9.45	98	627125	46.88	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	93.76%	
62) 4-Bromofluorobenzene	12.43	95	278689	57.49	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	114.98%	
Target Compounds						
16) Acetone	3.17	43	6978	13.867	ug/l	92
20) Methylene Chloride	3.73	84	49967	11.194	ug/l	94
36) 1,1-Dichloropropene	6.40	75	27714	4.576	ug/l #	46
38) Carbon Tetrachloride	6.41	117	31121	5.540	ug/l #	17
81) trans-1,4-Dichloro-2-buten	12.43	75	112562	100.216	ug/l #	15
89) n-Butylbenzene	13.66	91	1137	Below Cal	#	29

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.41 min Scan# 497

Delta R.T. -0.01 min

Lab File: VD060440.D

Acq: 21 Nov 2018 14:08

Instrument :

MSVOA_D

ClientSampleId :

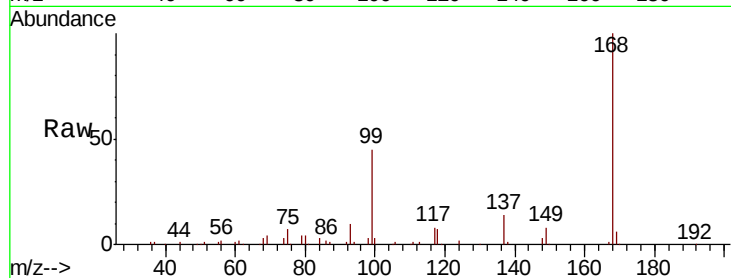
FDSB-13(6-8)

Tgt Ion:168 Resp: 405145

Ion Ratio Lower Upper

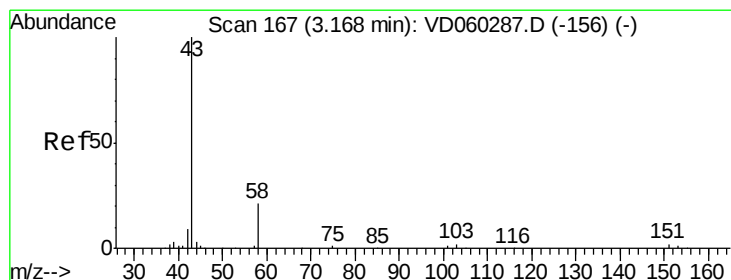
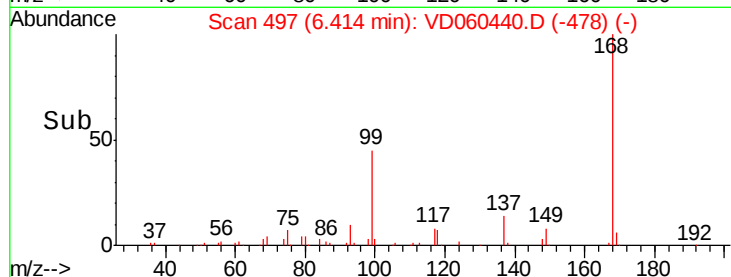
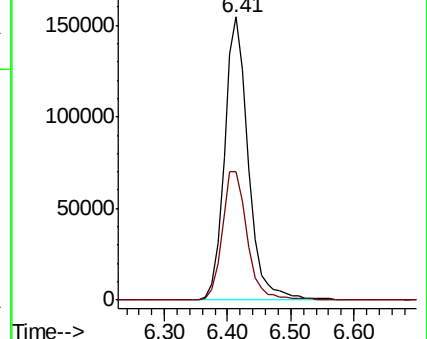
168 100

99 45.5 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 13.867 ug/l

RT: 3.17 min Scan# 167

Delta R.T. -0.00 min

Lab File: VD060440.D

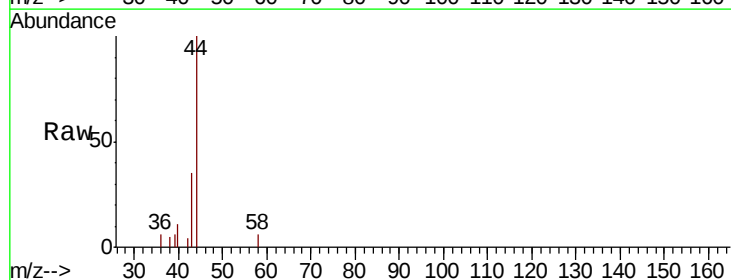
Acq: 21 Nov 2018 14:08

Tgt Ion: 43 Resp: 6978

Ion Ratio Lower Upper

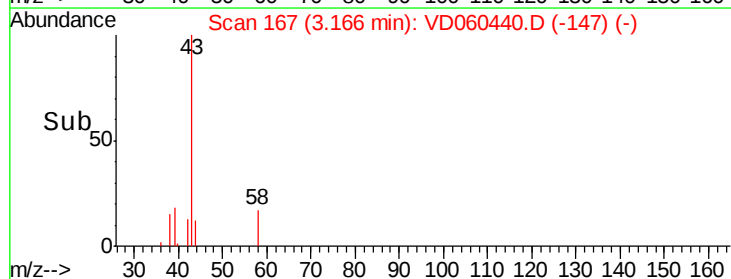
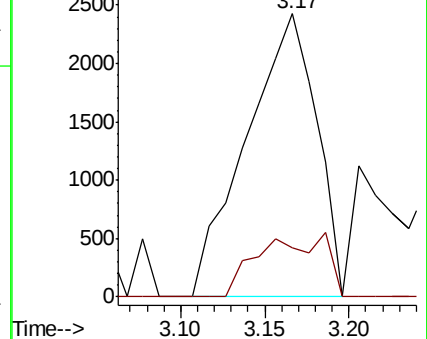
43 100

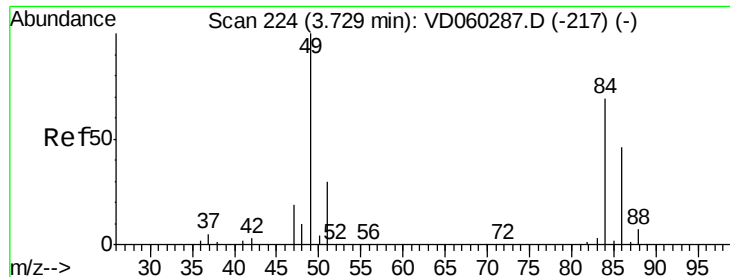
58 17.4 16.9 25.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

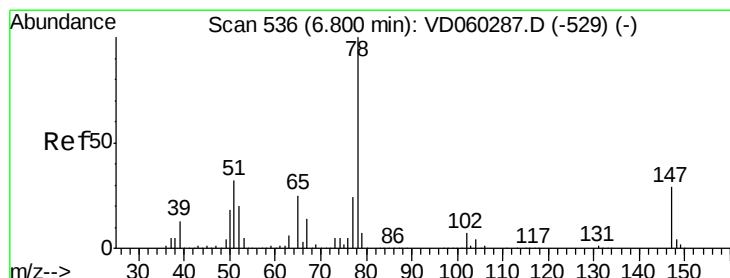
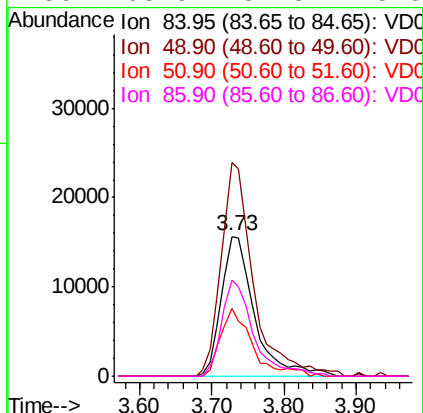
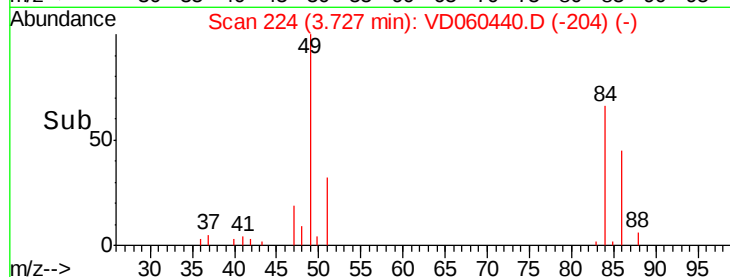
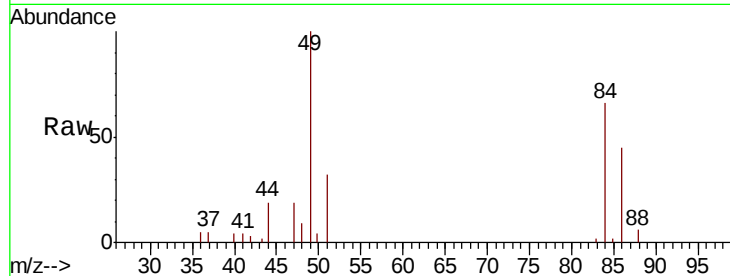




#20
Methylene Chloride
Concen: 11.194 ug/l
RT: 3.73 min Scan# 224
Delta R.T. -0.00 min
Lab File: VD060440.D
Acq: 21 Nov 2018 14:08

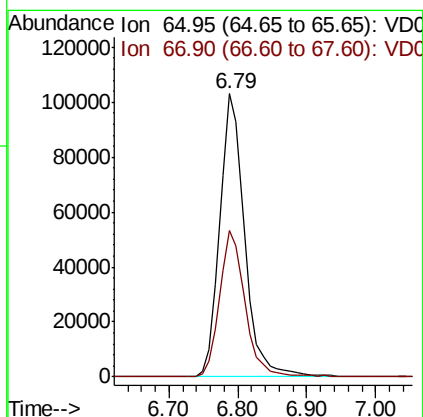
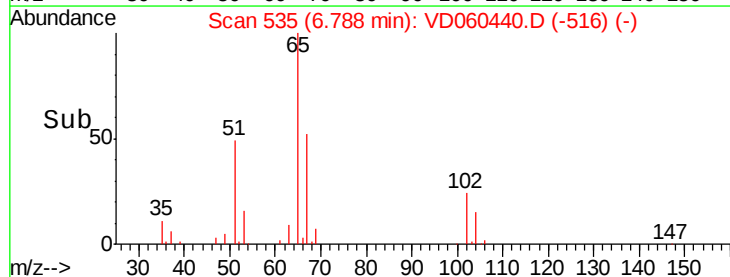
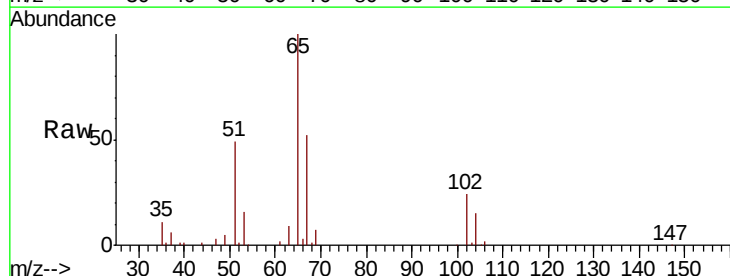
Instrument :
MSVOA_D
ClientSampleId :
FDSB-13(6-8)

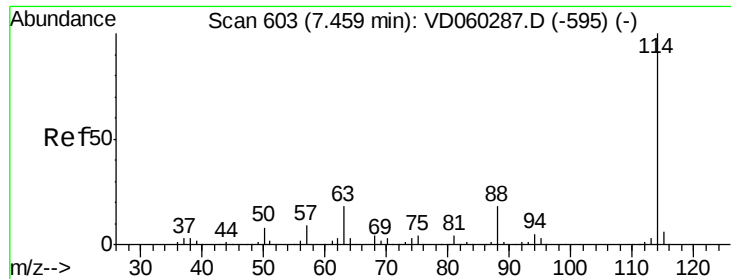
Tgt Ion: 84 Resp: 49967
Ion Ratio Lower Upper
84 100
49 152.5 115.6 173.4
51 48.7 35.6 53.4
86 68.9 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.79 min Scan# 535
Delta R.T. -0.01 min
Lab File: VD060440.D
Acq: 21 Nov 2018 14:08

Tgt Ion: 65 Resp: 257860
Ion Ratio Lower Upper
65 100
67 51.5 0.0 109.8

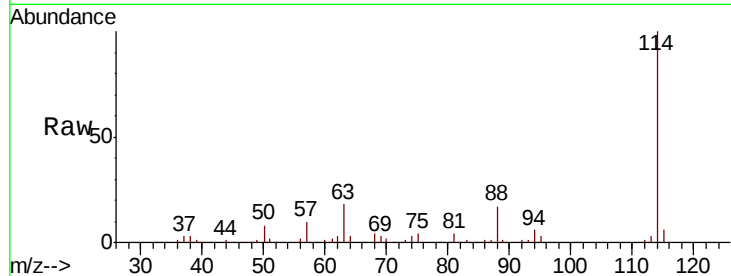




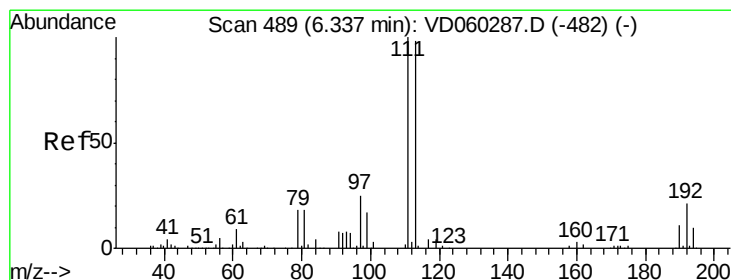
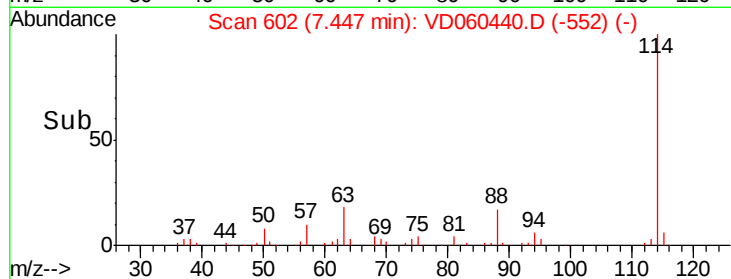
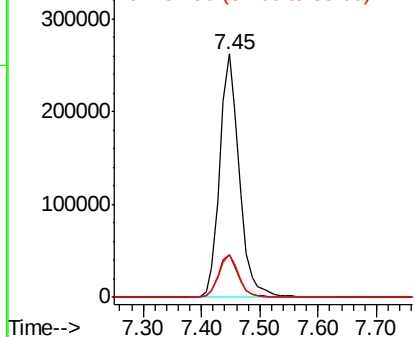
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: VD060440.D
 Acq: 21 Nov 2018 14:08

Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-13(6-8)

Tgt Ion:114 Resp: 612999
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 34.0
 88 17.3 0.0 35.4

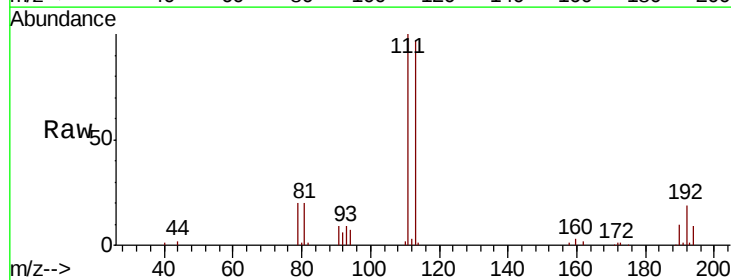


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

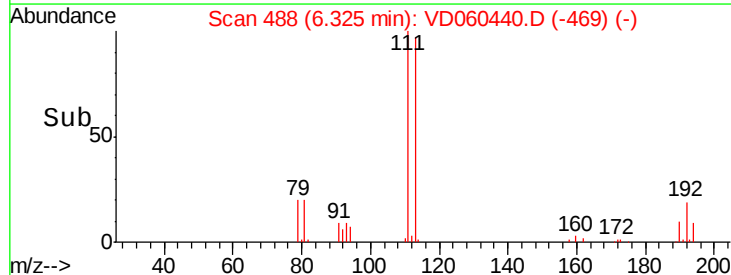
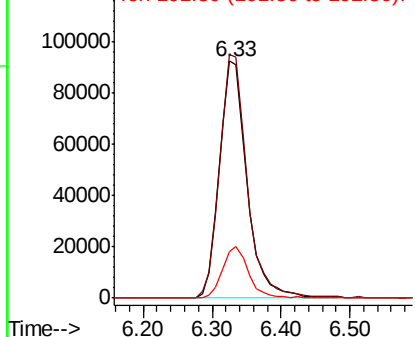


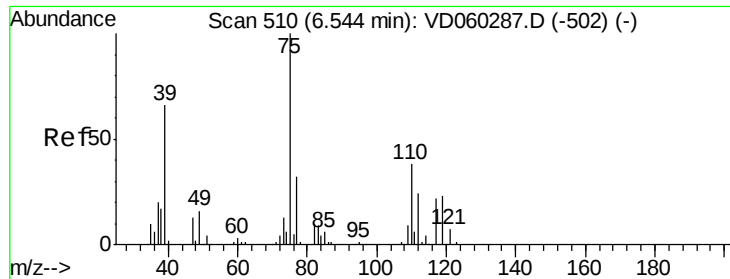
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: VD060440.D
 Acq: 21 Nov 2018 14:08

Tgt Ion:113 Resp: 256951
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.6 122.4
 192 19.5 16.5 24.7



Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

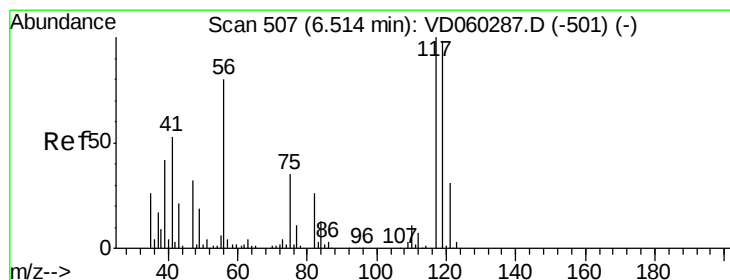
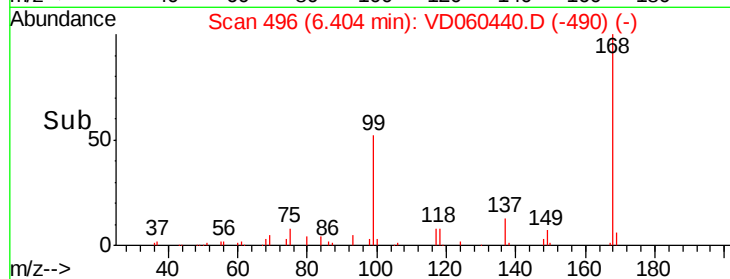
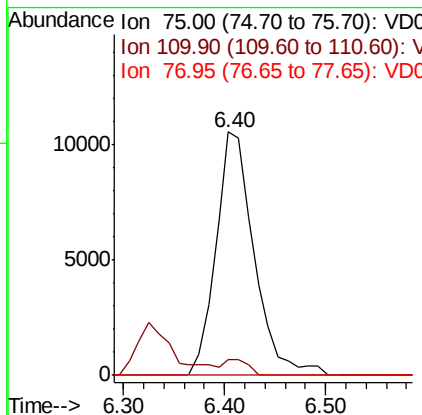
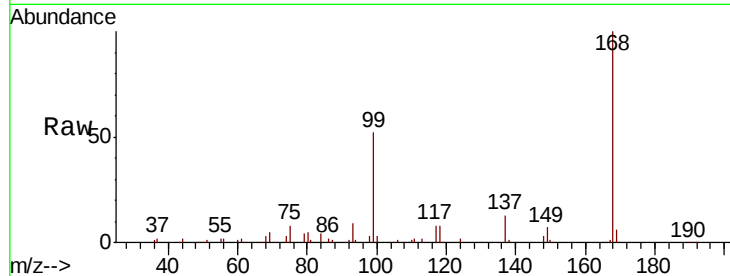




#36
 1,1-Dichloropropene
 Concen: 4.576 ug/l
 RT: 6.40 min Scan# 496
 Delta R.T. -0.14 min
 Lab File: VD060440.D
 Acq: 21 Nov 2018 14:08

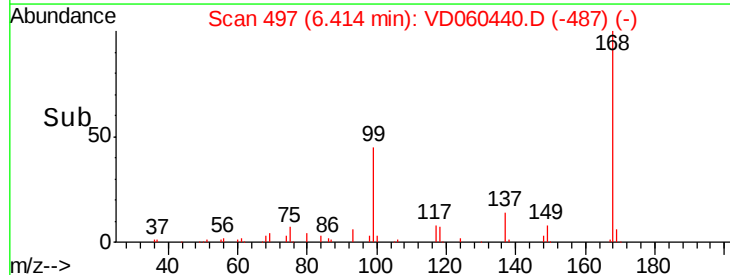
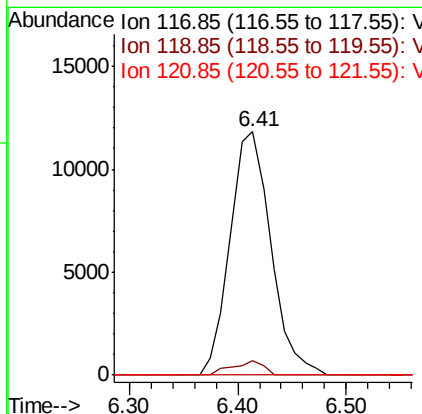
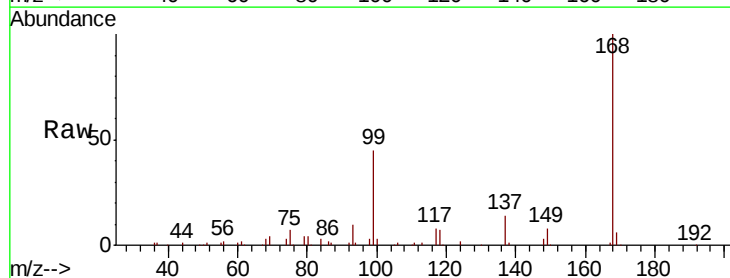
Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-13(6-8)

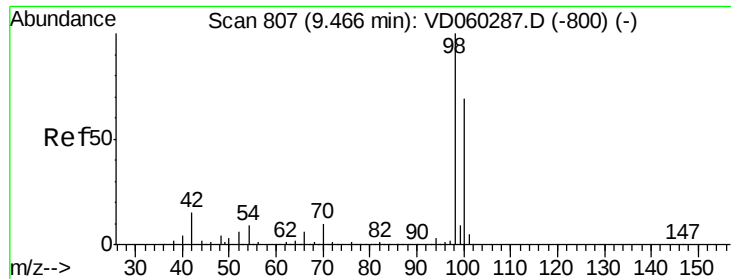
Tgt Ion: 75 Resp: 27714
 Ion Ratio Lower Upper
 75 100
 110 6.5 18.0 54.0#
 77 0.0 25.6 38.4#



#38
 Carbon Tetrachloride
 Concen: 5.540 ug/l
 RT: 6.41 min Scan# 497
 Delta R.T. -0.10 min
 Lab File: VD060440.D
 Acq: 21 Nov 2018 14:08

Tgt Ion: 117 Resp: 31121
 Ion Ratio Lower Upper
 117 100
 119 6.1 76.6 115.0#
 121 0.0 24.3 36.5#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.45 min Scan# 806

Delta R.T. -0.01 min

Lab File: VD060440.D

Acq: 21 Nov 2018 14:08

Instrument :

MSVOA_D

ClientSampleId :

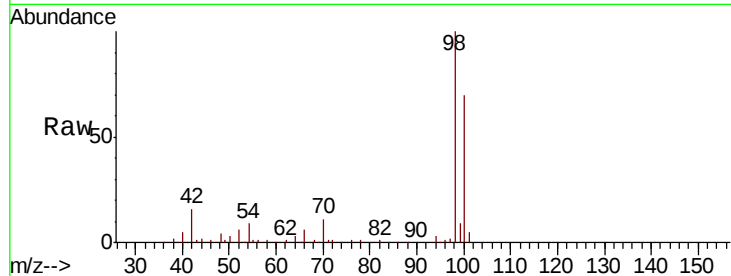
FDSB-13(6-8)

Tgt Ion: 98 Resp: 627125

Ion Ratio Lower Upper

98 100

100 70.3 55.2 82.8



Abundance Ion 98.05 (97.75 to 98.75): VD060287.D (-800) (-)

Ion 100.05 (99.75 to 100.75): VD060287.D (-800) (-)

9.45

300000

250000

200000

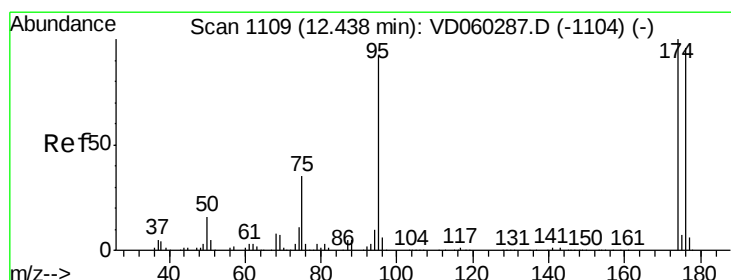
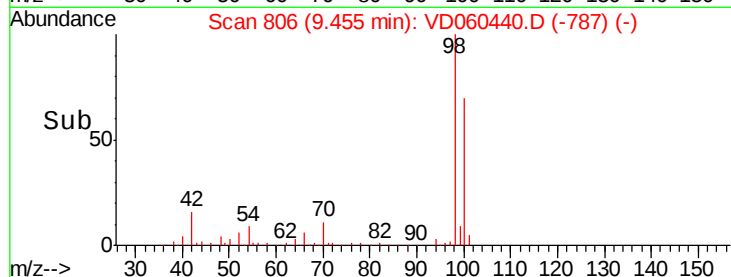
150000

100000

50000

0

Time--> 9.30 9.40 9.50 9.60



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.43 min Scan# 1108

Delta R.T. -0.01 min

Lab File: VD060440.D

Acq: 21 Nov 2018 14:08

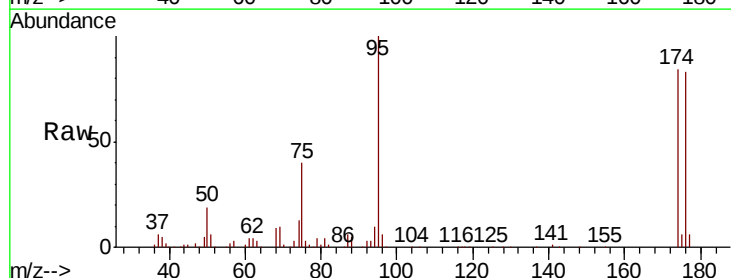
Tgt Ion: 95 Resp: 278689

Ion Ratio Lower Upper

95 100

174 84.2 0.0 160.8

176 82.5 0.0 154.6



Abundance Ion 95.00 (94.70 to 95.70): VD060287.D (-1104) (-)

Ion 173.90 (173.60 to 174.60): VD060287.D (-1104) (-)

Ion 175.90 (175.60 to 176.60): VD060287.D (-1104) (-)

12.43

300000

250000

200000

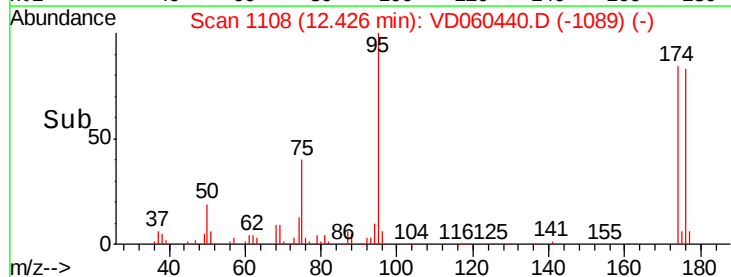
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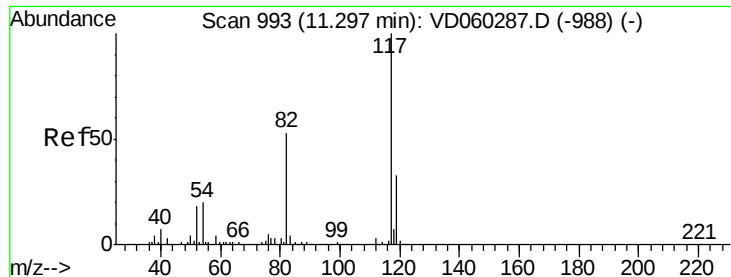
100000

50000

0

Time--> 12.40 12.50

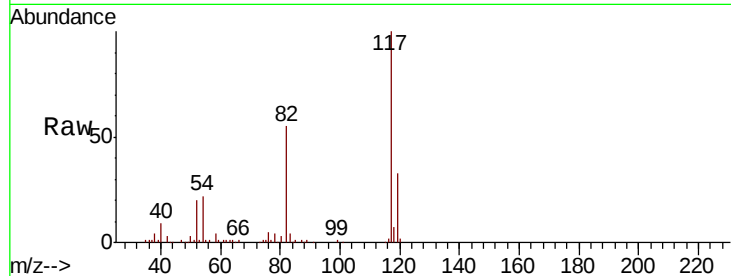




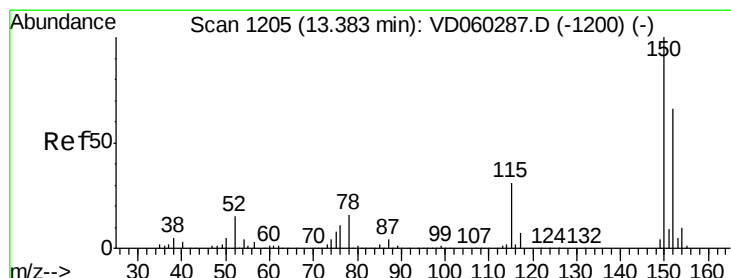
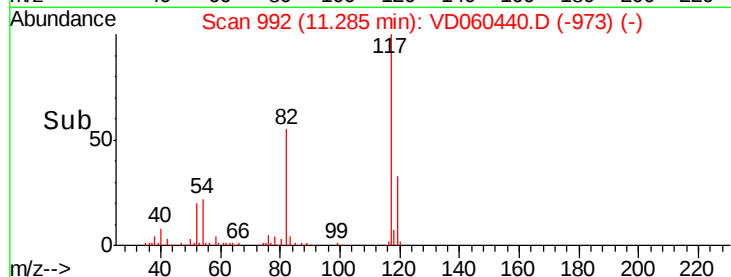
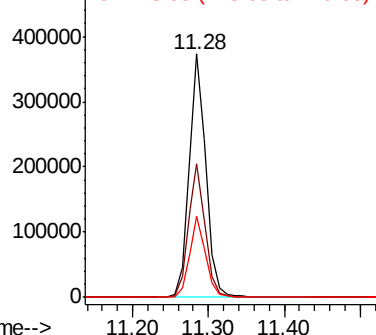
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 992
Delta R.T. -0.01 min
Lab File: VD060440.D
Acq: 21 Nov 2018 14:08

Instrument :
MSVOA_D
ClientSampleId :
FDSB-13(6-8)

Tgt Ion:117 Resp: 580384
Ion Ratio Lower Upper
117 100
82 55.0 43.7 65.5
119 33.1 26.1 39.1

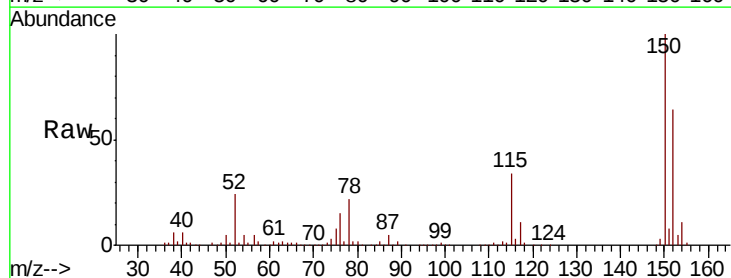


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

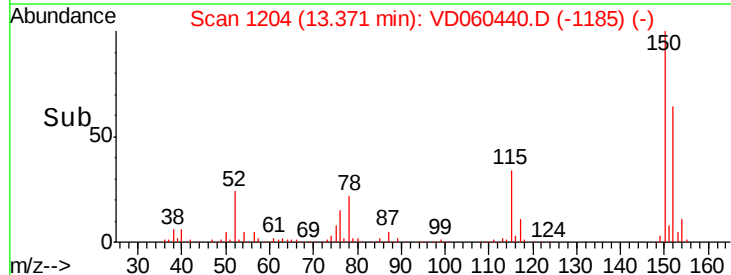
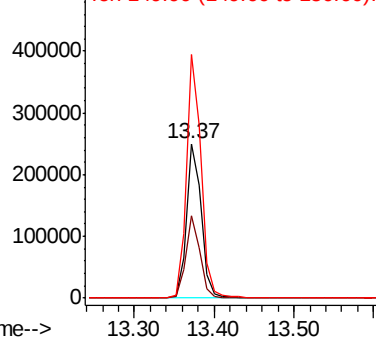


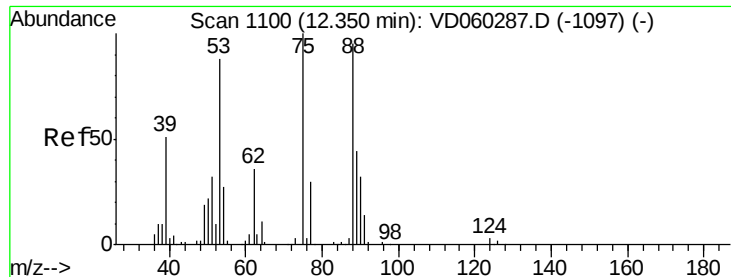
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VD060440.D
Acq: 21 Nov 2018 14:08

Tgt Ion:152 Resp: 329802
Ion Ratio Lower Upper
152 100
115 53.0 24.1 72.3
150 157.5 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





#81

trans-1,4-Dichloro-2-butene

Concen: 100.216 ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.08 min

Lab File: VD060440.D

Acq: 21 Nov 2018 14:08

Instrument :

MSVOA_D

ClientSampleId :

FDSB-13(6-8)

Tgt Ion: 75 Resp: 112562

Ion Ratio Lower Upper

75 100

53 0.0 68.6 103.0#

89 0.0 34.1 51.1#

