

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110718\
 Data File : VD060306.D
 Acq On : 7 Nov 2018 17:39
 Operator : JC/SY
 Sample : J5768-03
 Misc : 6.84g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 08 08:16:21 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	6.41	168	20775	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.44	114	30281	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.29	117	32901	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	17629	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.78	65	12213	82.10	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	164.20%	
35) Dibromofluoromethane	6.32	113	11192	49.57	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	99.14%	
50) Toluene-d8	9.46	98	24203	36.62	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	73.24%	
62) 4-Bromofluorobenzene	12.43	95	11878	49.60	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.20%	

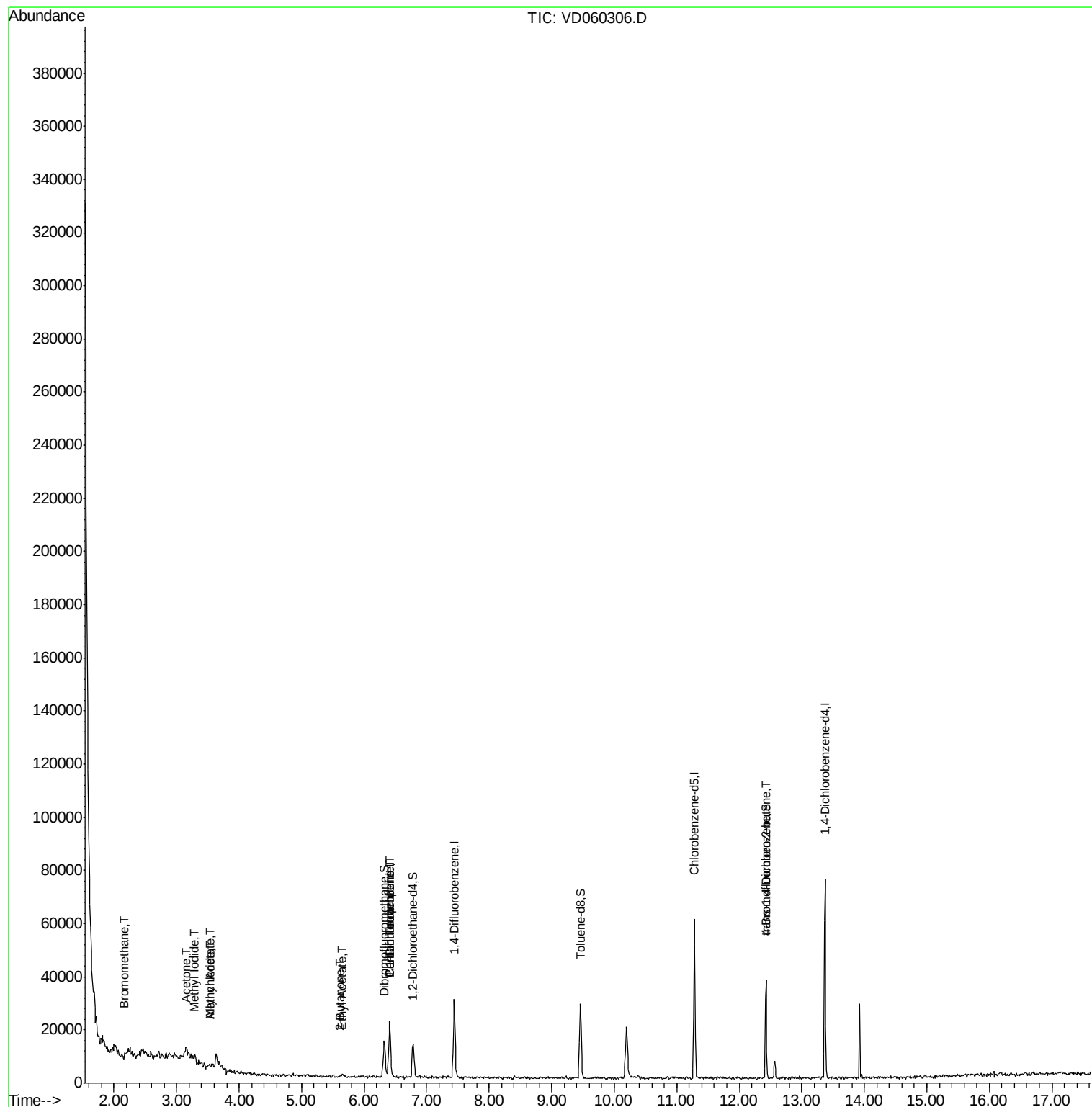
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.18	94	861	22.58	ug/l #	2
10) Methyl Iodide	3.28	142	423	2.61	ug/l #	35
14) Allyl chloride	3.52	41	415	2.14	ug/l #	21
16) Acetone	3.16	43	7677	297.53	ug/l #	83
18) Methyl Acetate	3.52	43	620	11.27	ug/l #	63
25) 2-Butanone	5.63	43	213	3.97	ug/l #	60
36) 1,1-Dichloropropene	6.41	75	1129	3.77	ug/l #	41
37) Ethyl Acetate	5.66	43	181	1.31	ug/l #	69
38) Carbon Tetrachloride	6.41	117	1350	4.86	ug/l #	12
81) trans-1,4-Dichloro-2-buten	12.42	75	4158	69.26	ug/l #	15

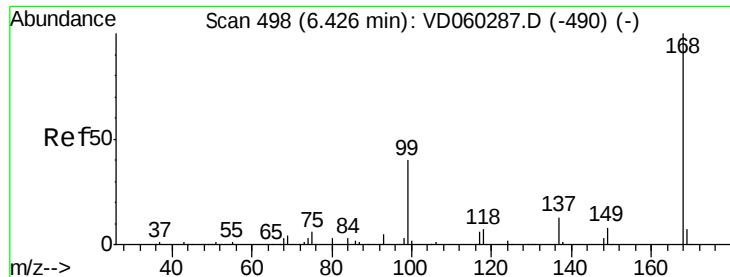
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD110718\
Data File : VD060306.D
Acq On : 7 Nov 2018 17:39
Operator : JC/SY
Sample : J5768-03
Misc : 6.84g/5ml/MSVOA D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Nov 08 08:16:21 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
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: 6.41 min Scan# 496

Delta R.T. -0.02 min

Lab File: VD060306.D

Acq: 7 Nov 2018 17:39

Instrument :

MSVOA_D

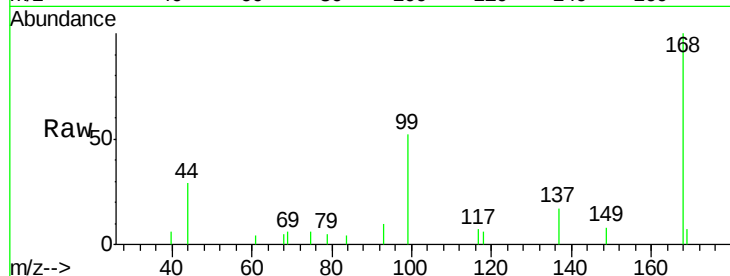
ClientSampleId :

Tot Ion:168 Resp: 20775

Ion Ratio Lower Upper

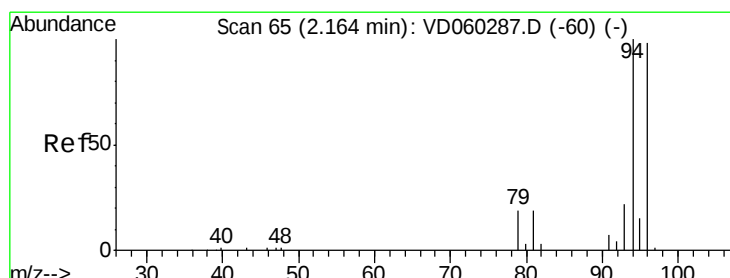
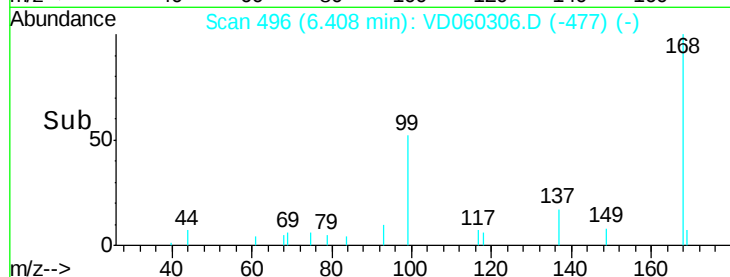
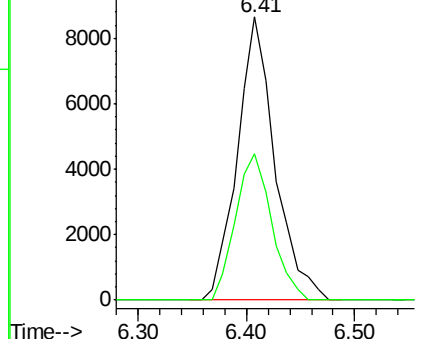
168 100

99 51.7 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60):

Ion 98.95 (98.65 to 99.65): VD



#5

Bromomethane

Concen: 22.58 ug/l

RT: 2.18 min Scan# 66

Delta R.T. 0.01 min

Lab File: VD060306.D

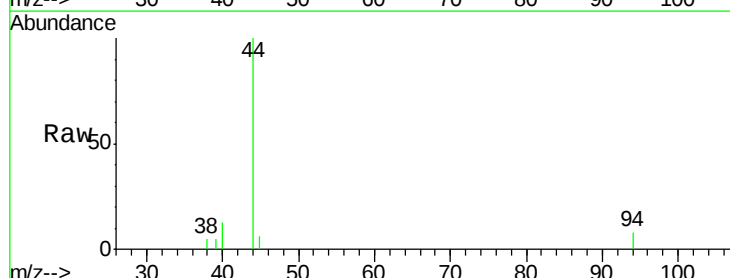
Acq: 7 Nov 2018 17:39

Tgt Ion: 94 Resp: 861

Ion Ratio Lower Upper

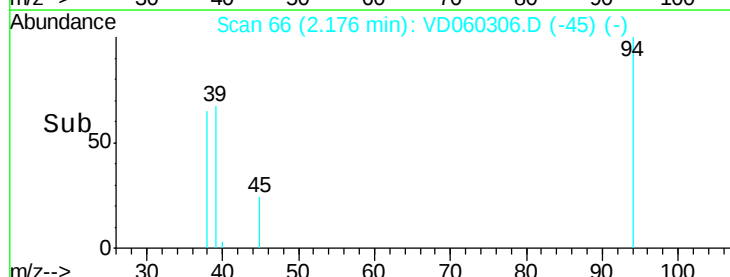
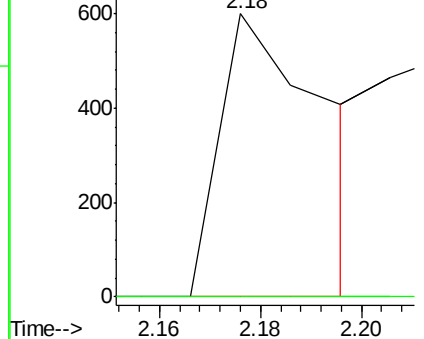
94 100

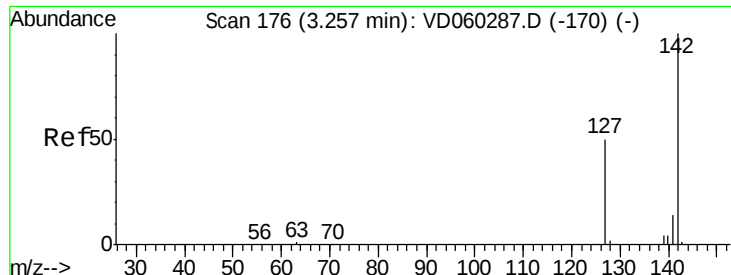
96 0.0 76.6 114.8#



Abundance Ion 93.90 (93.60 to 94.60): VD

Ion 95.90 (95.60 to 96.60): VD

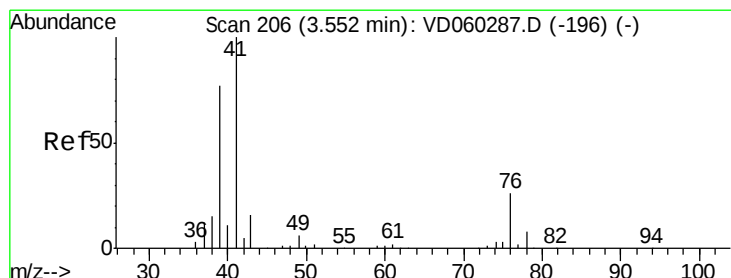
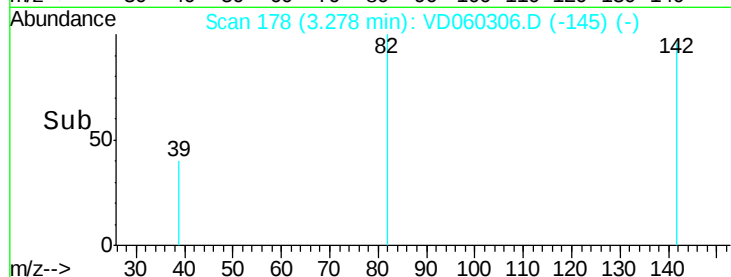
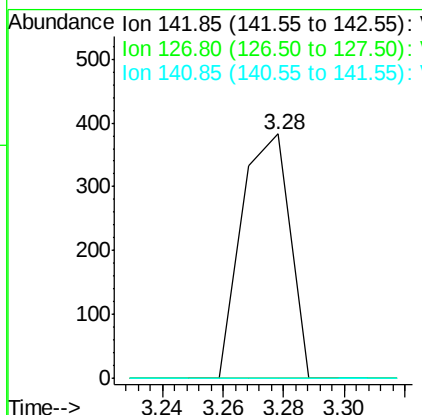
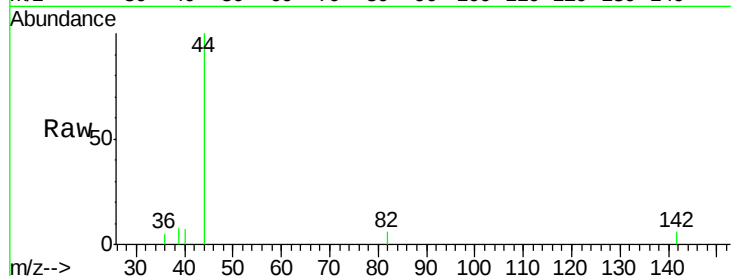




#10
Methyl Iodide
Concen: 2.61 ug/l
RT: 3.28 min Scan# 178
Delta R.T. 0.02 min
Lab File: VD060306.D
Acq: 7 Nov 2018 17:39

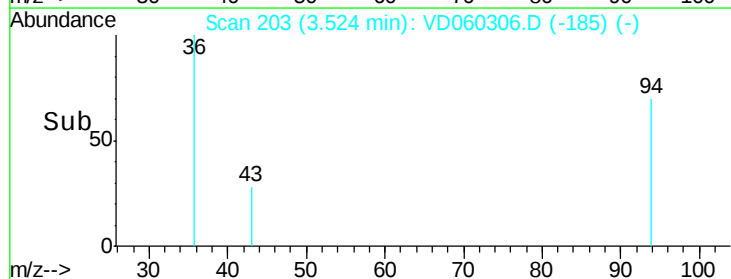
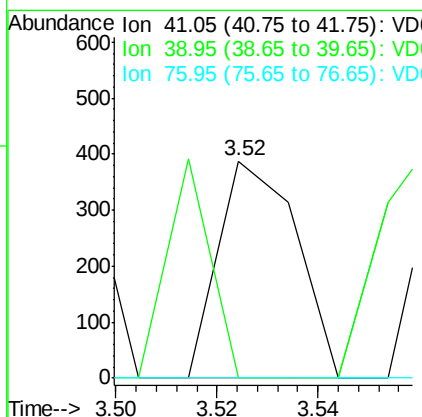
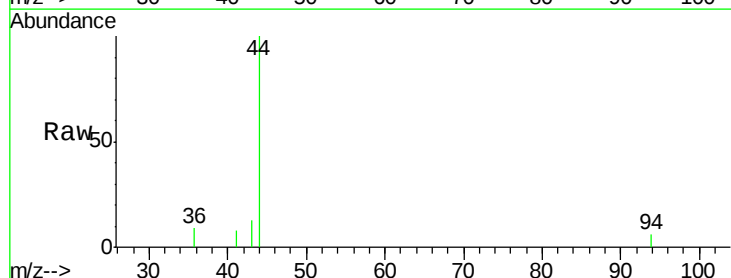
Instrument :
MSVOA_D
ClientSampled :

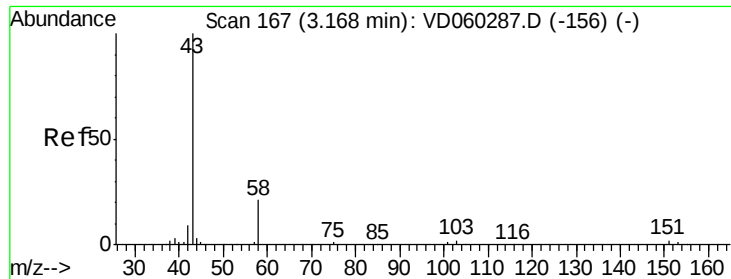
Tot Ion:142 Resp: 423
Ion Ratio Lower Upper
142 100
127 0.0 41.0 61.6#
141 0.0 11.9 17.9#



#14
Allyl chloride
Concen: 2.14 ug/l
RT: 3.52 min Scan# 203
Delta R.T. -0.03 min
Lab File: VD060306.D
Acq: 7 Nov 2018 17:39

Tgt Ion: 41 Resp: 415
Ion Ratio Lower Upper
41 100
39 0.0 60.4 90.6#
76 0.0 21.8 32.8#

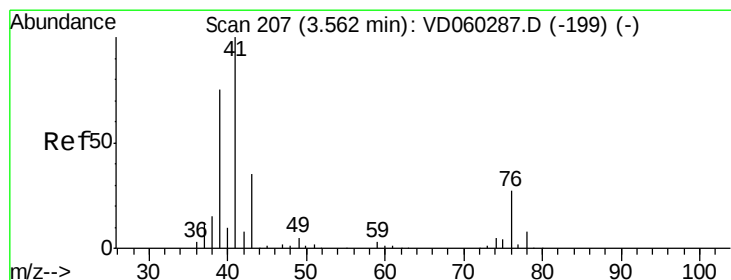
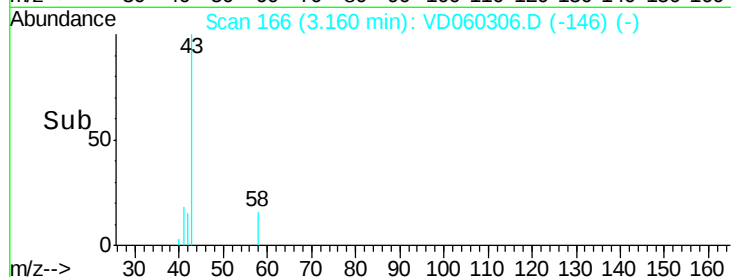
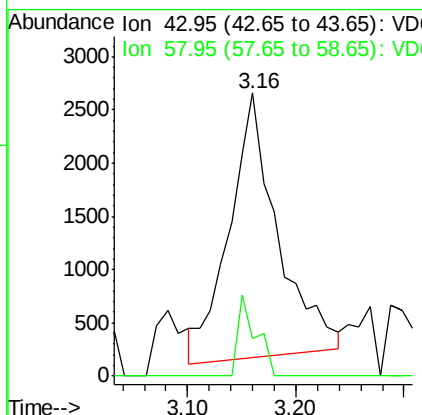
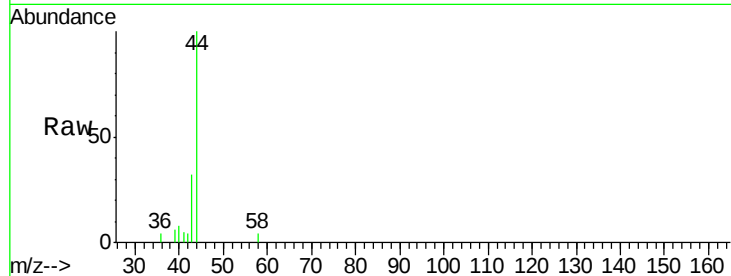




#16
Acetone
Concen: 297.53 ug/l
RT: 3.16 min Scan# 166
Delta R.T. -0.01 min
Lab File: VD060306.D
Acq: 7 Nov 2018 17:39

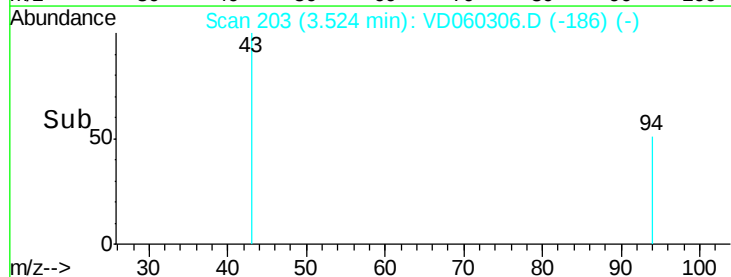
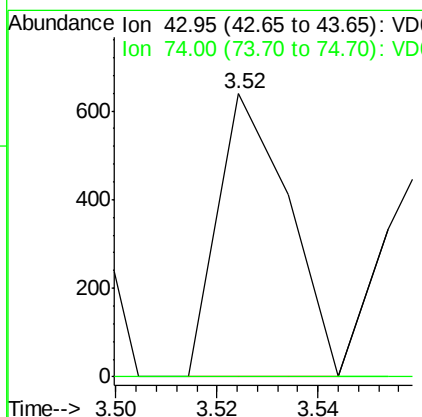
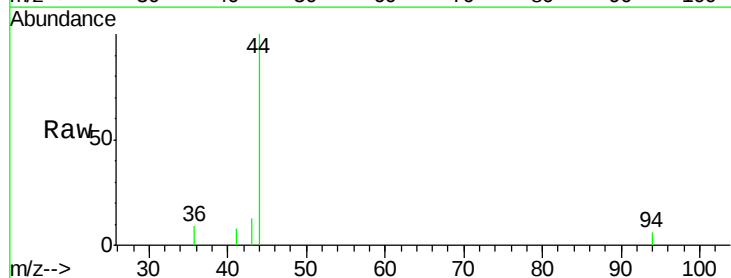
Instrument :
MSVOA_D
ClientSampled :

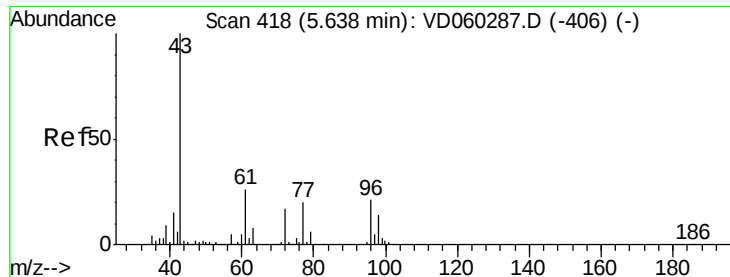
Tot Ion: 43 Resp: 7677
Ion Ratio Lower Upper
43 100
58 13.1 16.9 25.3#



#18
Methyl Acetate
Concen: 11.27 ug/l
RT: 3.52 min Scan# 203
Delta R.T. -0.04 min
Lab File: VD060306.D
Acq: 7 Nov 2018 17:39

Tgt Ion: 43 Resp: 620
Ion Ratio Lower Upper
43 100
74 0.0 12.4 18.6#





#25

2-Butanone

Concen: 3.97 ug/l

RT: 5.63 min Scan# 417

Delta R.T. -0.01 min

Lab File: VD060306.D

Acq: 7 Nov 2018 17:39

Instrument :

MSVOA_D

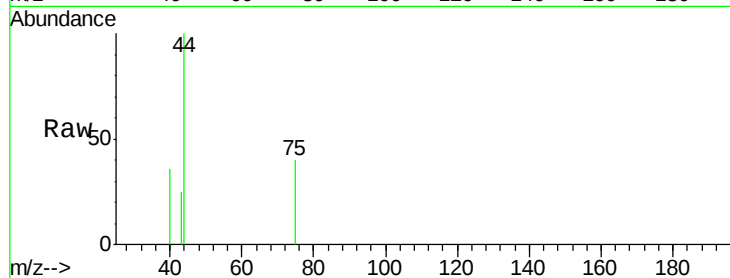
ClientSampled :

Tot Ion: 43 Resp: 213

Ion Ratio Lower Upper

43 100

72 0.0 13.8 20.8#



Abundance Ion 42.95 (42.65 to 43.65): VD

Ion 72.00 (71.70 to 72.70): VD

5.63

400

300

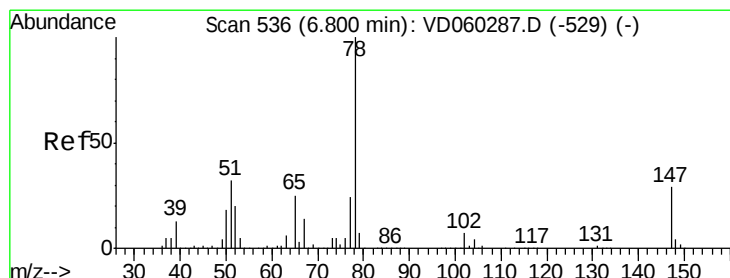
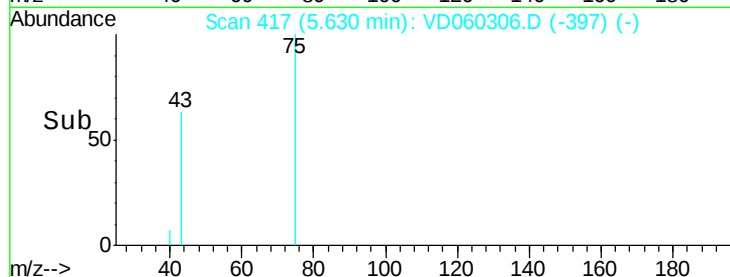
200

100

0

5.60 5.62 5.64 5.66

Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.78 min Scan# 534

Delta R.T. -0.02 min

Lab File: VD060306.D

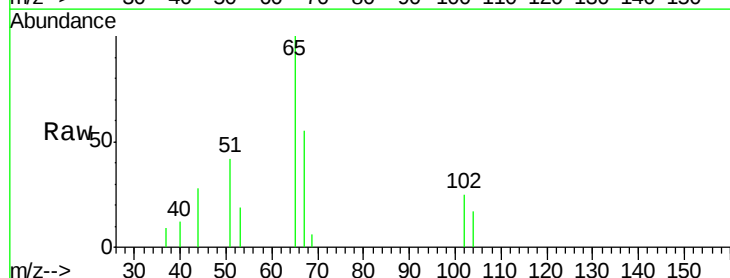
Acq: 7 Nov 2018 17:39

Tgt Ion: 65 Resp: 12213

Ion Ratio Lower Upper

65 100

67 55.2 0.0 109.8



Abundance Ion 64.95 (64.65 to 65.65): VD

Ion 66.90 (66.60 to 67.60): VD

6.78

5000

4000

3000

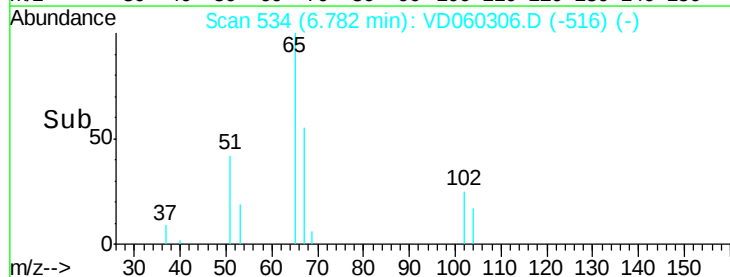
2000

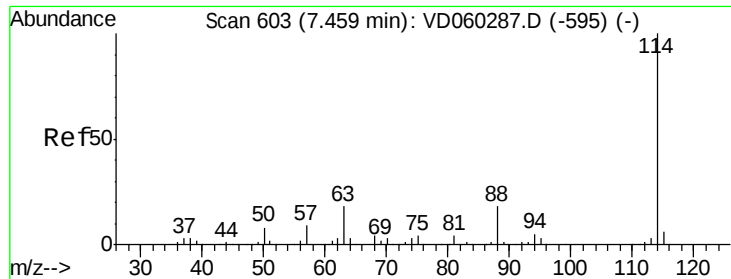
1000

0

6.70 6.75 6.80 6.85

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 7.44 min Scan# 601

Delta R.T. -0.02 min

Lab File: VD060306.D

Acq: 7 Nov 2018 17:39

Instrument :

MSVOA_D

ClientSampleId :

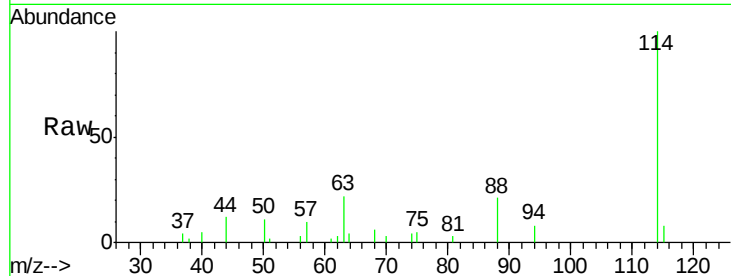
Tot Ion:114 Resp: 30281

Ion Ratio Lower Upper

114 100

63 22.2 0.0 34.0

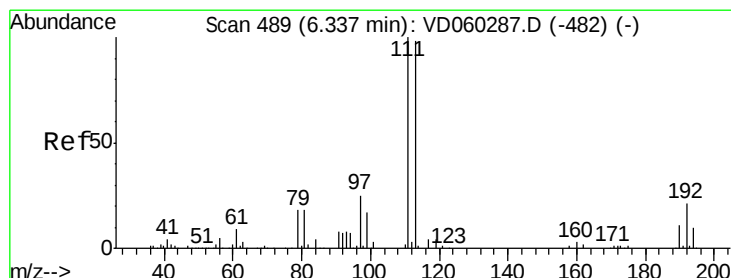
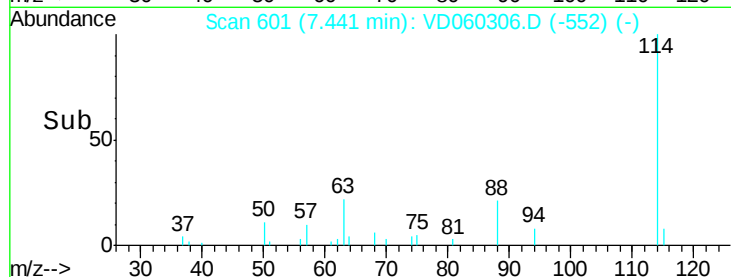
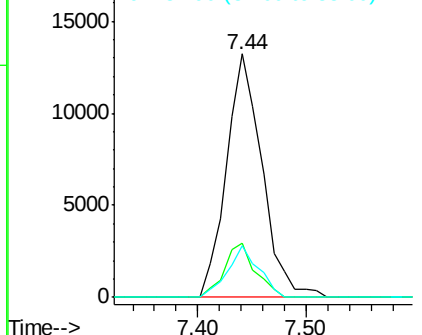
88 21.0 0.0 35.4



Abundance Ion 114.00 (113.70 to 114.70):

Ion 62.95 (62.65 to 63.65): VD

Ion 87.90 (87.60 to 88.60): VD



#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 6.32 min Scan# 487

Delta R.T. -0.02 min

Lab File: VD060306.D

Acq: 7 Nov 2018 17:39

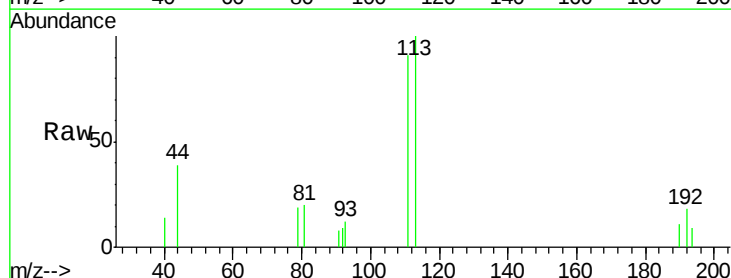
Tgt Ion:113 Resp: 11192

Ion Ratio Lower Upper

113 100

111 91.4 81.6 122.4

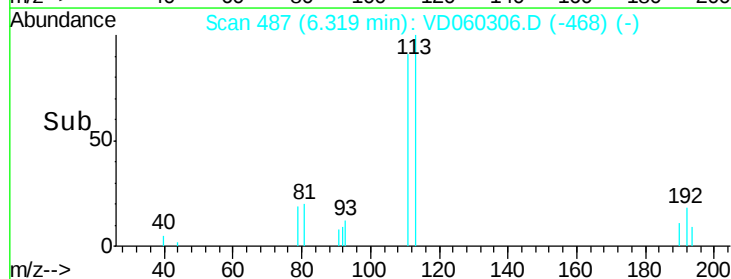
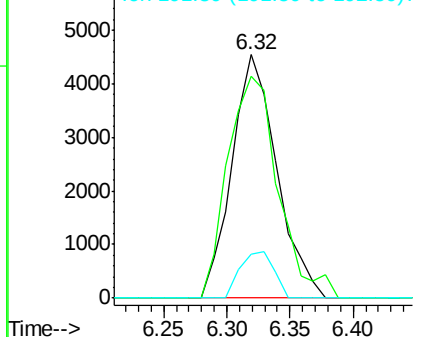
192 18.1 16.5 24.7

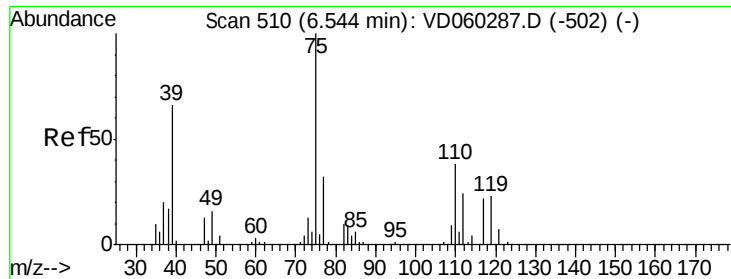


Abundance Ion 112.90 (112.60 to 113.60):

Ion 110.90 (110.60 to 111.60):

Ion 191.80 (191.50 to 192.50):

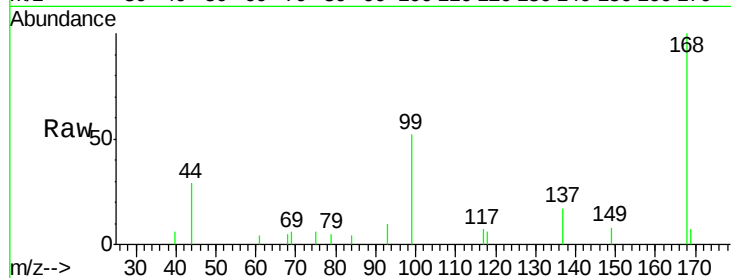




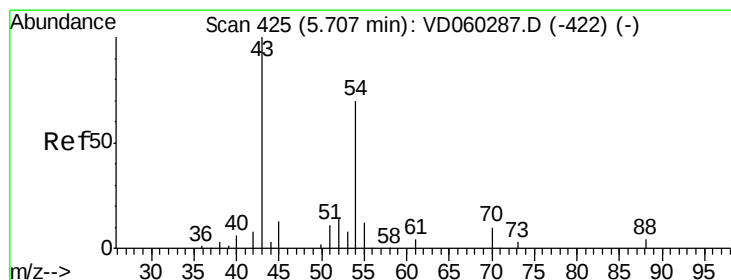
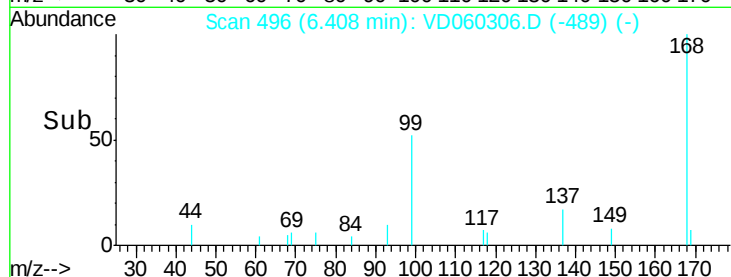
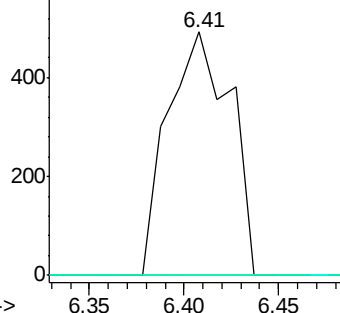
#36
 1,1-Dichloropropene
 Concen: 3.77 ug/l
 RT: 6.41 min Scan# 496
 Delta R.T. -0.14 min
 Lab File: VD060306.D
 Acq: 7 Nov 2018 17:39

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 75 Resp: 1129
 Ion Ratio Lower Upper
 75 100
 110 0.0 18.0 54.0#
 77 0.0 25.6 38.4#

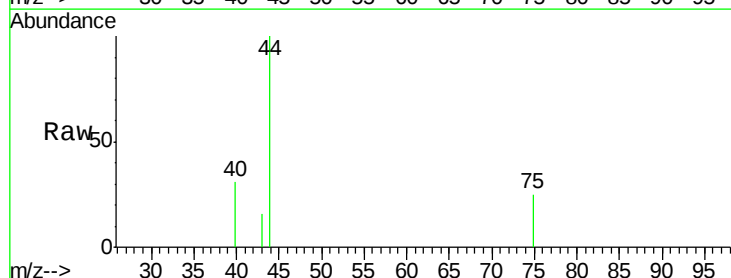


Abundance Ion 75.00 (74.70 to 75.70): VD
 Ion 109.90 (109.60 to 110.60):
 Ion 76.95 (76.65 to 77.65): VD

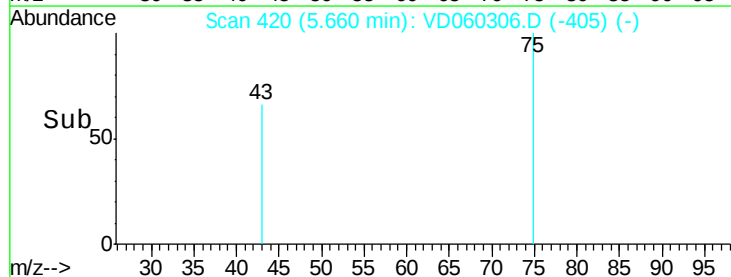
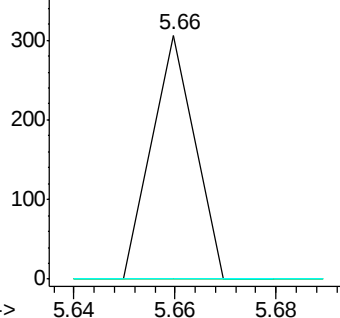


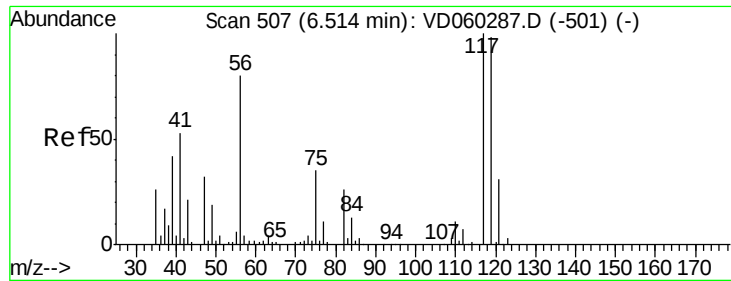
#37
 Ethyl Acetate
 Concen: 1.31 ug/l
 RT: 5.66 min Scan# 420
 Delta R.T. -0.05 min
 Lab File: VD060306.D
 Acq: 7 Nov 2018 17:39

Tgt Ion: 43 Resp: 181
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.8 17.6#
 70 0.0 6.2 9.4#



Abundance Ion 42.95 (42.65 to 43.65): VD
 Ion 60.95 (60.65 to 61.65): VD
 Ion 70.00 (69.70 to 70.70): VD

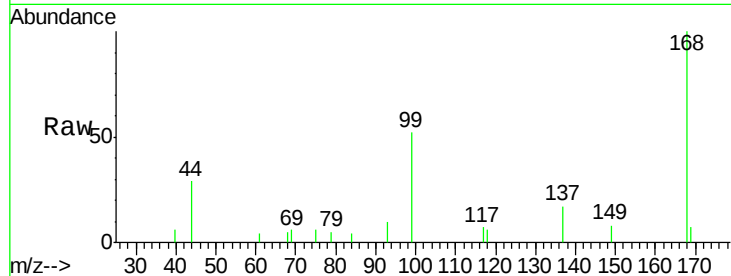




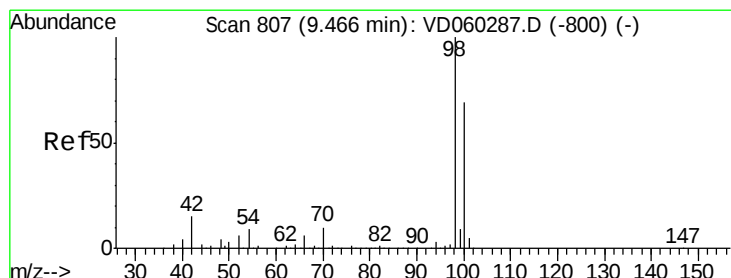
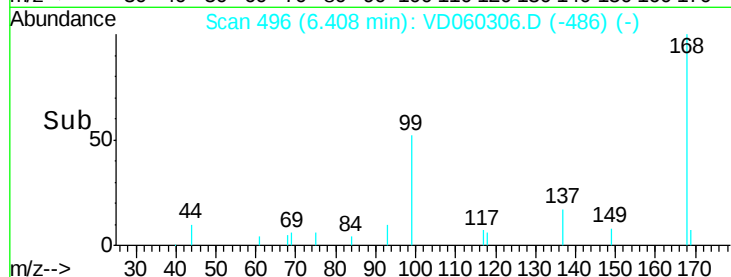
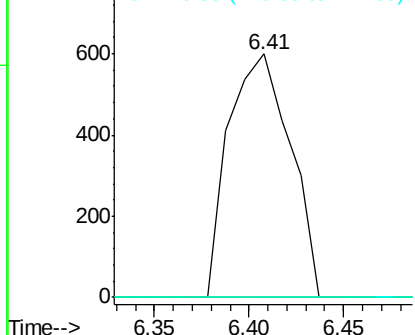
#38
Carbon Tetrachloride
Concen: 4.86 ug/l
RT: 6.41 min Scan# 496
Delta R.T. -0.11 min
Lab File: VD060306.D
Acq: 7 Nov 2018 17:39

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 1350
Ion Ratio Lower Upper
117 100
119 0.0 76.6 115.0#
121 0.0 24.3 36.5#

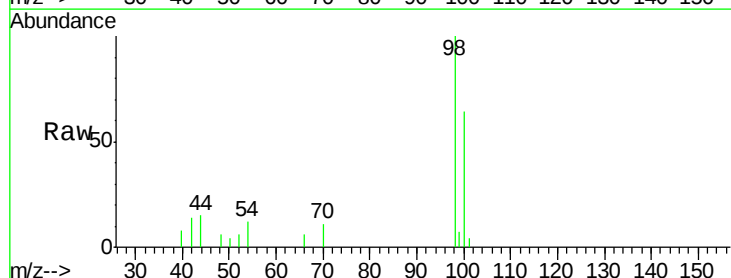


Abundance Ion 116.85 (116.55 to 117.55):
Ion 118.85 (118.55 to 119.55):
Ion 120.85 (120.55 to 121.55):

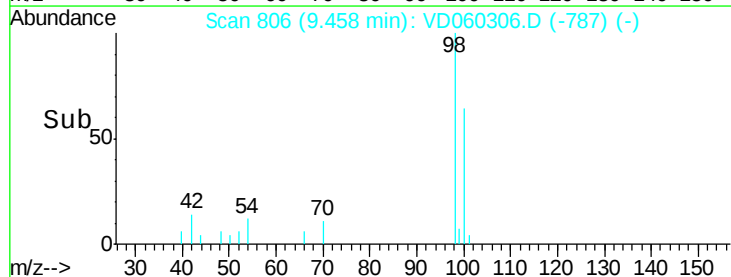
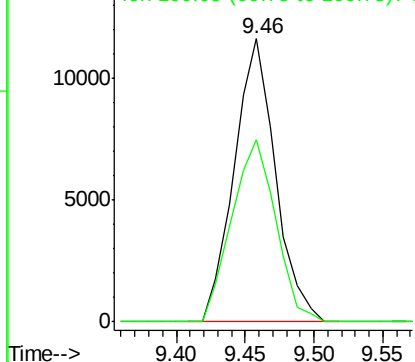


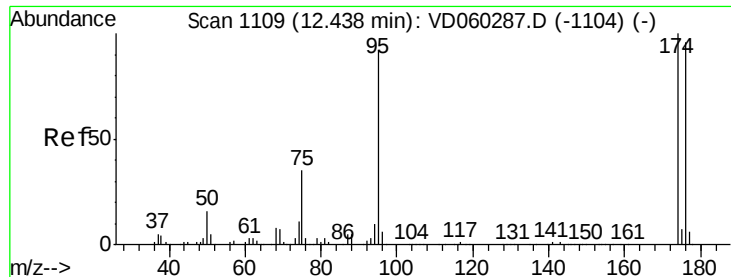
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 806
Delta R.T. -0.01 min
Lab File: VD060306.D
Acq: 7 Nov 2018 17:39

Tgt Ion: 98 Resp: 24203
Ion Ratio Lower Upper
98 100
100 64.3 55.2 82.8



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





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.43 min Scan# 1108

Delta R.T. -0.01 min

Lab File: VD060306.D

Acq: 7 Nov 2018 17:39

Instrument :

MSVOA_D

ClientSampled :

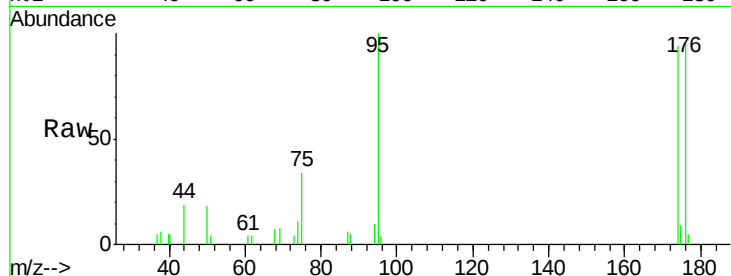
Tot Ion: 95 Resp: 11878

Ion Ratio Lower Upper

95 100

174 93.6 0.0 160.8

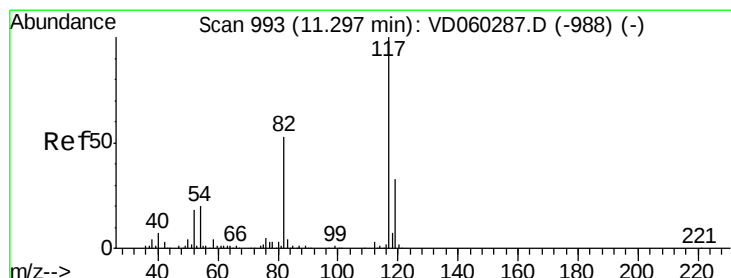
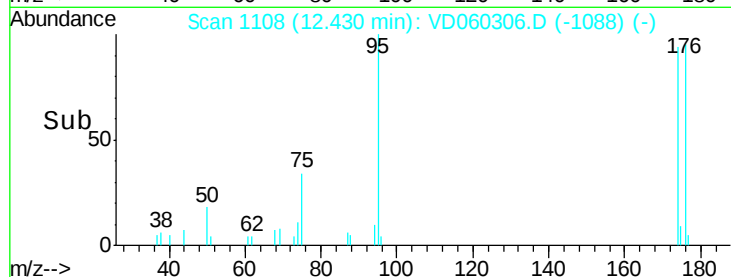
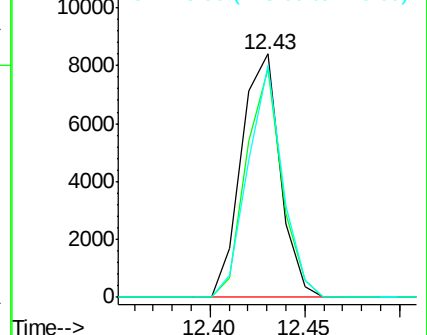
176 95.2 0.0 154.6



Abundance Ion 95.00 (94.70 to 95.70): VD

Ion 173.90 (173.60 to 174.60):

Ion 175.90 (175.60 to 176.60):



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.29 min Scan# 992

Delta R.T. -0.01 min

Lab File: VD060306.D

Acq: 7 Nov 2018 17:39

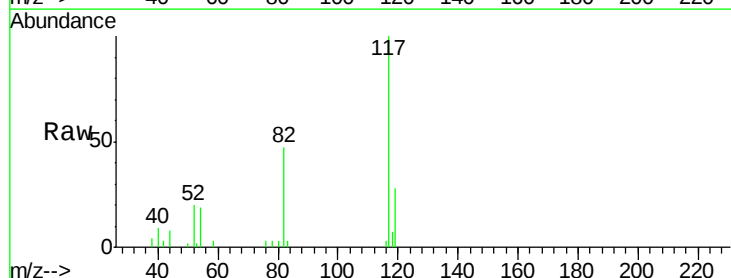
Tgt Ion: 117 Resp: 32901

Ion Ratio Lower Upper

117 100

82 47.2 43.7 65.5

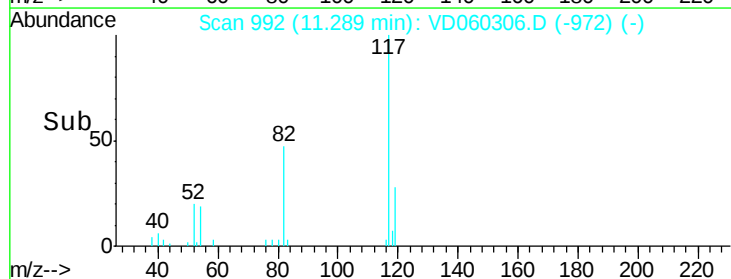
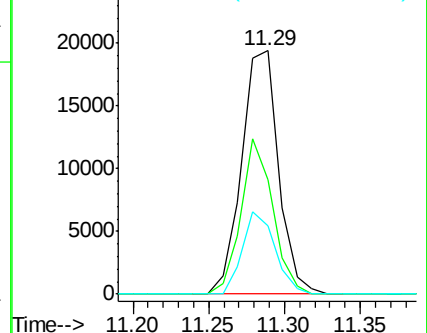
119 28.2 26.1 39.1

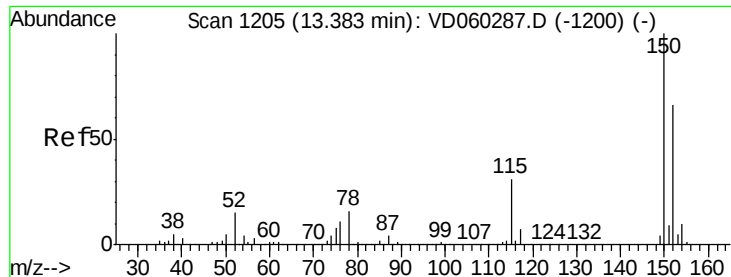


Abundance Ion 116.95 (116.65 to 117.65):

Ion 82.05 (81.75 to 82.75): VD

Ion 118.95 (118.65 to 119.65):





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.37 min Scan# 1204

Delta R.T. -0.01 min

Lab File: VD060306.D

Acq: 7 Nov 2018 17:39

Instrument :

MSVOA_D

ClientSampleId :

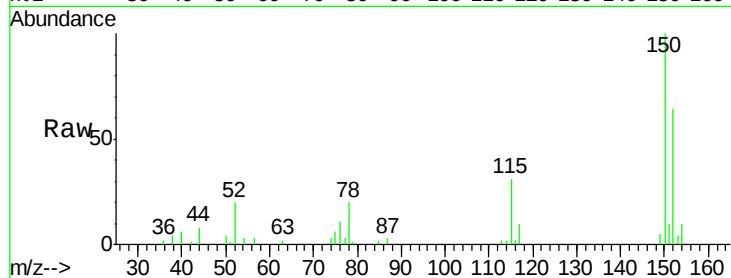
Tot Ion:152 Resp: 17629

Ion Ratio Lower Upper

152 100

115 48.4 24.1 72.3

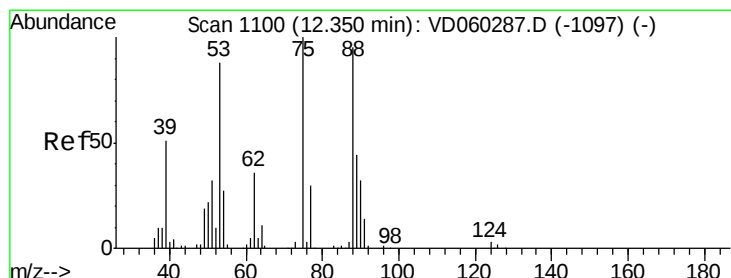
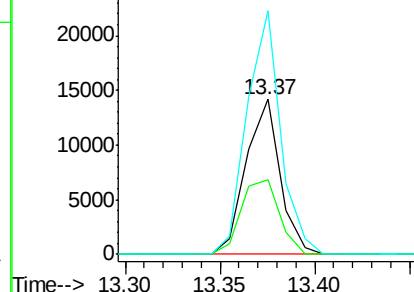
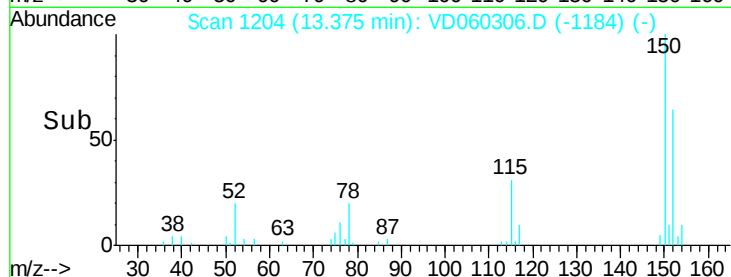
150 157.2 0.0 310.6



Abundance Ion 151.90 (151.60 to 152.60):

Ion 115.00 (114.70 to 115.70):

Ion 149.90 (149.60 to 150.60):



#81

trans-1,4-Dichloro-2-butene

Concen: 69.26 ug/l

RT: 12.42 min Scan# 1107

Delta R.T. 0.07 min

Lab File: VD060306.D

Acq: 7 Nov 2018 17:39

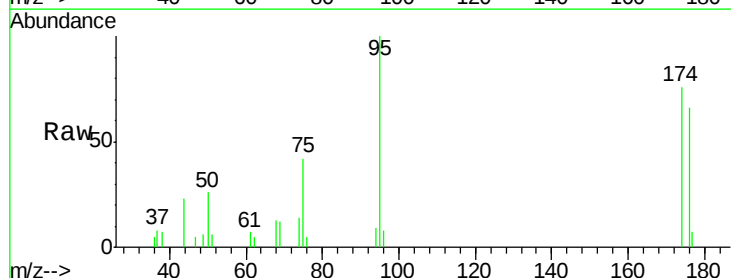
Tgt Ion: 75 Resp: 4158

Ion Ratio Lower Upper

75 100

53 0.0 68.6 103.0#

89 0.0 34.1 51.1#



Abundance Ion 75.00 (74.70 to 75.70): VD

Ion 53.00 (52.70 to 53.70): VD

Ion 89.00 (88.70 to 89.70): VD

