

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121718\
 Data File : VD060609.D
 Acq On : 17 Dec 2018 19:48
 Operator : VA/AP
 Sample : J6445-04
 Misc : 5.3g/5ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EB02_6-8

Quant Time: Dec 18 11:18:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 06 01:49:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	10133	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.46	114	16164	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	17429	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.38	152	9138	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.80	65	10386	144.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	289.22%	
35) Dibromofluoromethane	6.33	113	8686	73.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	146.32%	
50) Toluene-d8	9.47	98	16100	46.86	ug/l	0.01
Spiked Amount 50.000			Recovery	=	93.72%	
62) 4-Bromofluorobenzene	12.44	95	7600	61.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.64%	

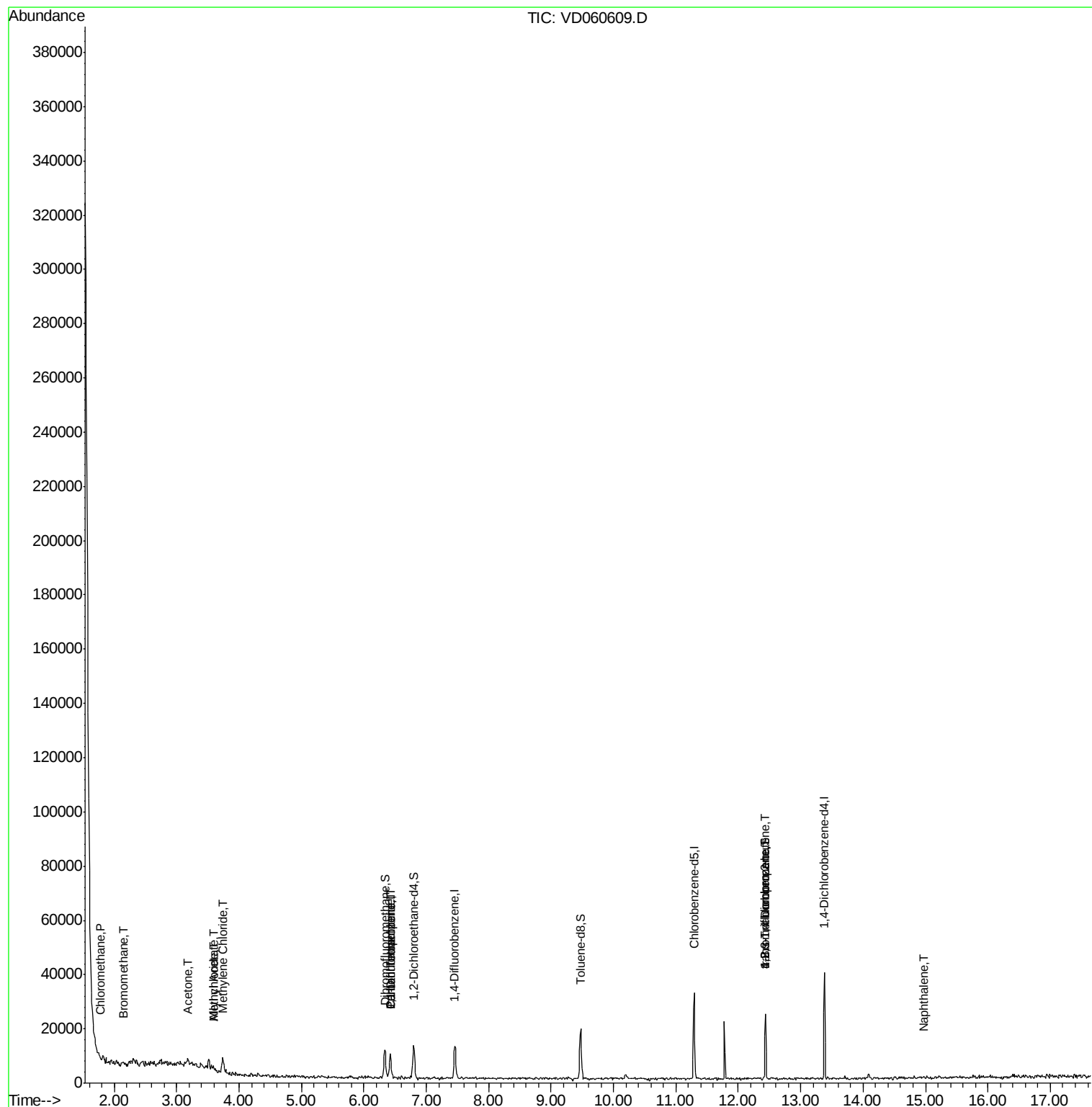
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.79	50	322	3.093	ug/l #	43
5) Bromomethane	2.16	94	418	20.109	ug/l #	4
14) Allyl chloride	3.59	41	275	2.862	ug/l #	22
16) Acetone	3.17	43	4363	378.979	ug/l #	54
18) Methyl Acetate	3.60	43	187	6.834	ug/l #	64
20) Methylene Chloride	3.73	84	3714	33.674	ug/l #	83
36) 1,1-Dichloropropene	6.42	75	194	1.228	ug/l #	41
38) Carbon Tetrachloride	6.42	117	416	2.933	ug/l #	12
76) 1,2,3-Trichloropropane	12.43	75	2850	27.526	ug/l #	42
81) trans-1,4-Dichloro-2-buten	12.43	75	3060	105.965	ug/l #	14
95) Naphthalene	14.97	128	250	1.069	ug/l #	70

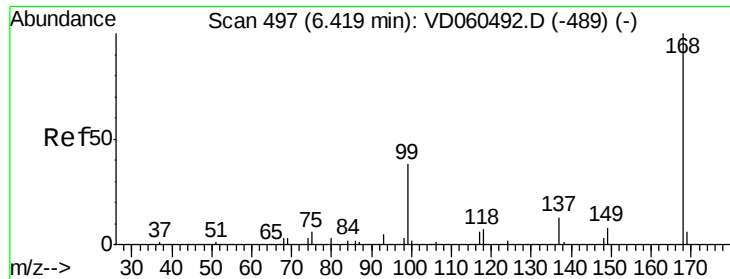
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD121718\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 06 01:49:20 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.42 min Scan# 498

Delta R.T. 0.00 min

Lab File: VD060609.D

Acq: 17 Dec 2018 19:48

Instrument :

MSVOA_D

ClientSampleId :

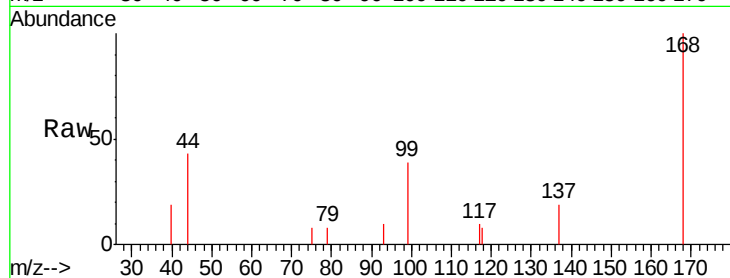
EB02_6-8

Tgt Ion:168 Resp: 10133

Ion Ratio Lower Upper

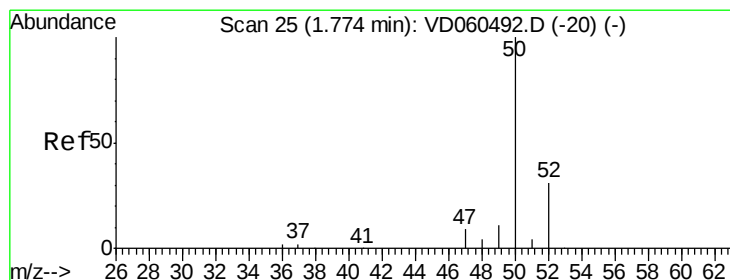
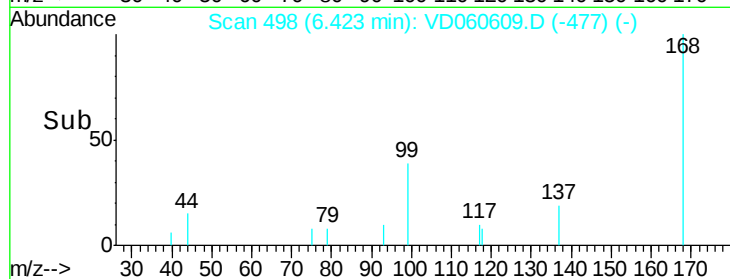
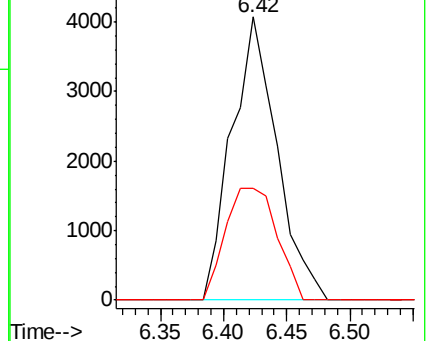
168 100

99 39.5 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#3

Chloromethane

Concen: 3.093 ug/l

RT: 1.79 min Scan# 27

Delta R.T. 0.01 min

Lab File: VD060609.D

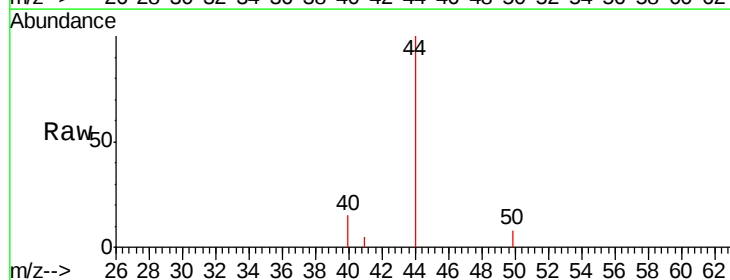
Acq: 17 Dec 2018 19:48

Tgt Ion: 50 Resp: 322

Ion Ratio Lower Upper

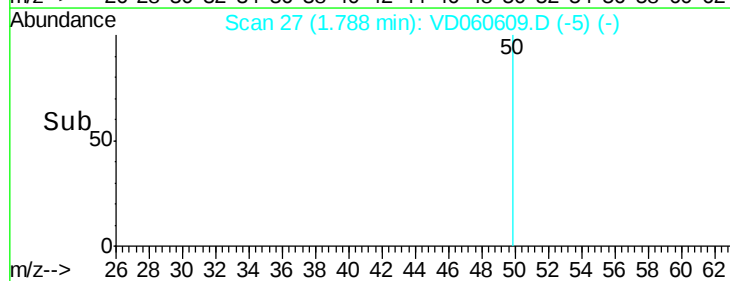
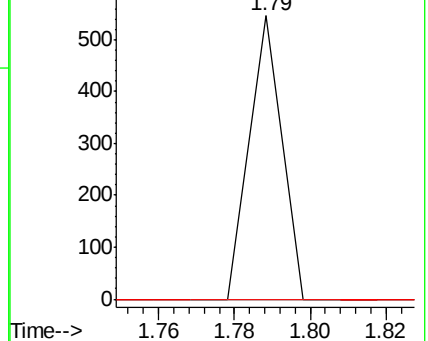
50 100

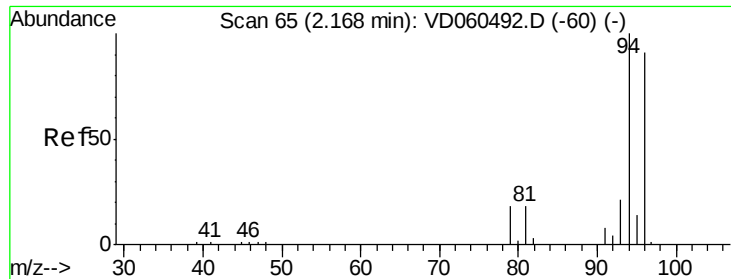
52 0.0 25.0 37.4#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC





#5

Bromomethane

Concen: 20.109 ug/l

RT: 2.16 min Scan# 65

Delta R.T. -0.01 min

Lab File: VD060609.D

Acq: 17 Dec 2018 19:48

Instrument :

MSVOA_D

ClientSampleId :

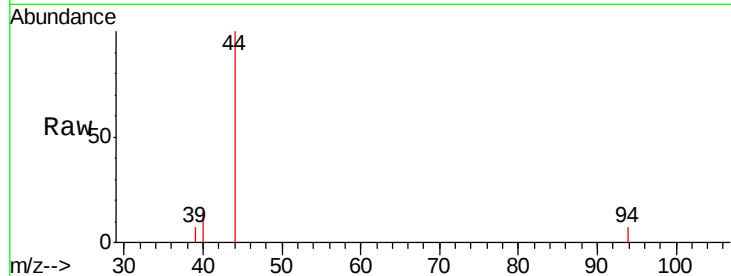
EB02_6-8

Tgt Ion: 94 Resp: 418

Ion Ratio Lower Upper

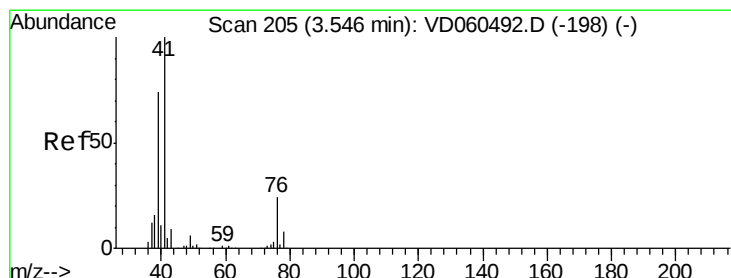
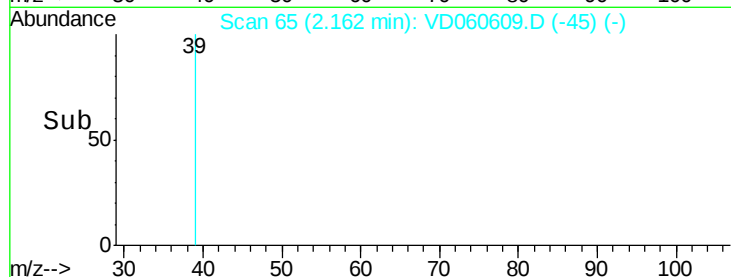
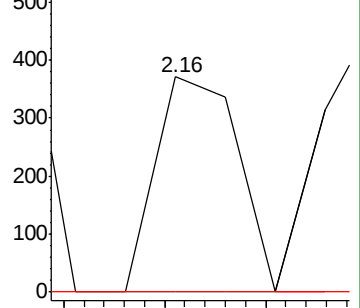
94 100

96 0.0 72.6 108.8#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#14

Allyl chloride

Concen: 2.862 ug/l

RT: 3.59 min Scan# 210

Delta R.T. 0.04 min

Lab File: VD060609.D

Acq: 17 Dec 2018 19:48

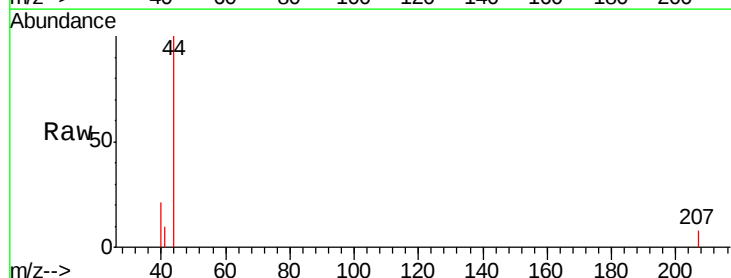
Tgt Ion: 41 Resp: 275

Ion Ratio Lower Upper

41 100

39 0.0 59.3 88.9#

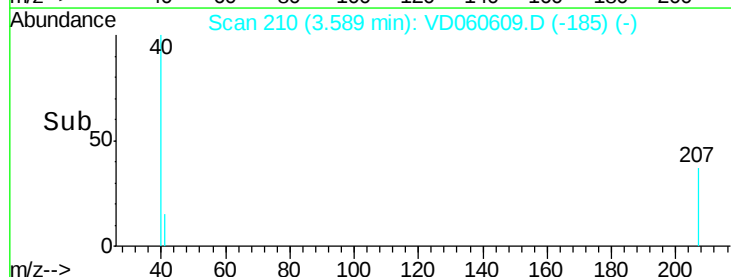
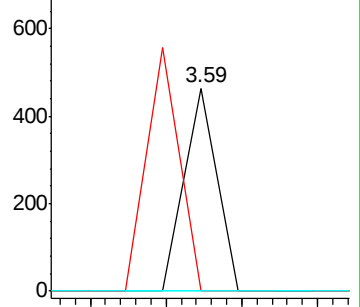
76 0.0 21.0 31.6#

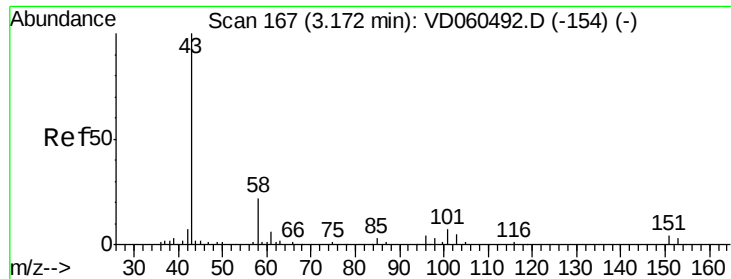


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC

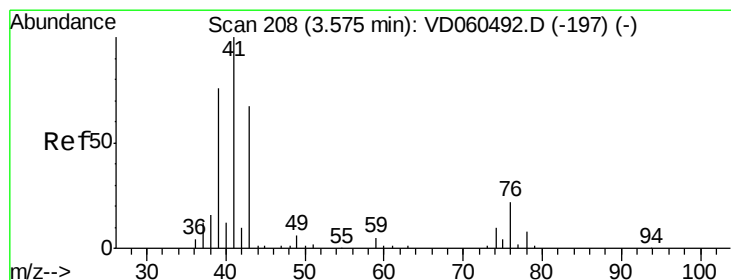
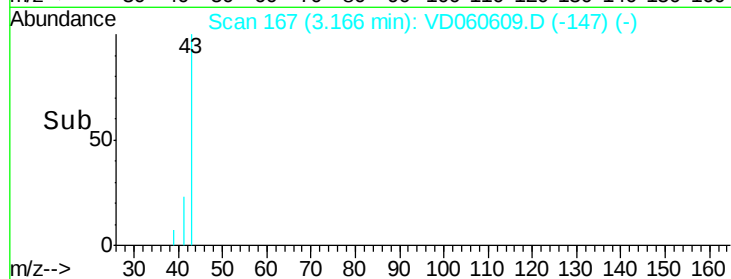
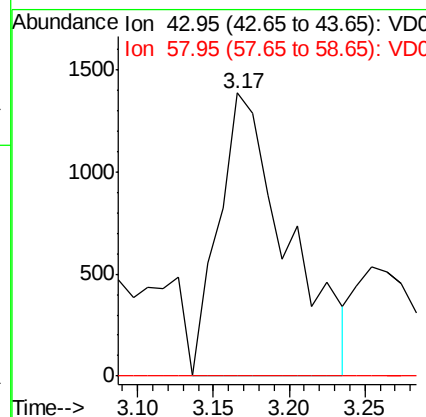
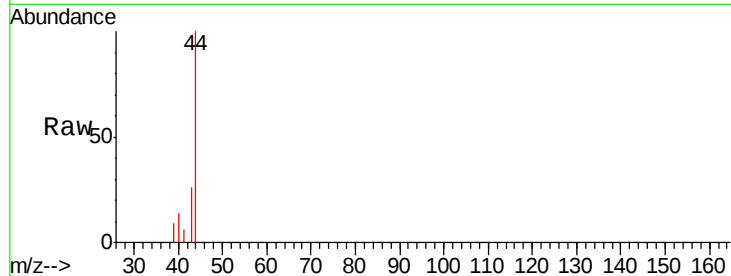




#16
Acetone
Concen: 378.979 ug/l
RT: 3.17 min Scan# 167
Delta R.T. -0.01 min
Lab File: VD060609.D
Acq: 17 Dec 2018 19:48

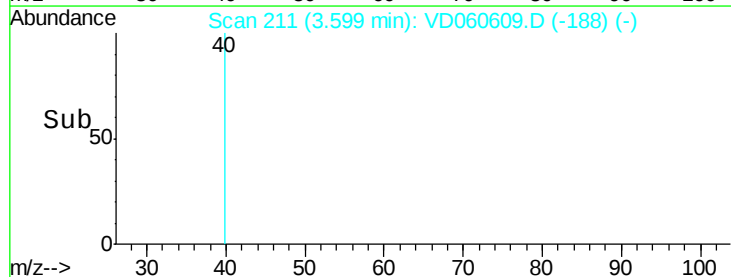
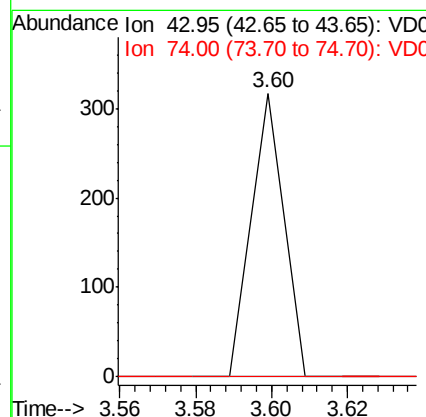
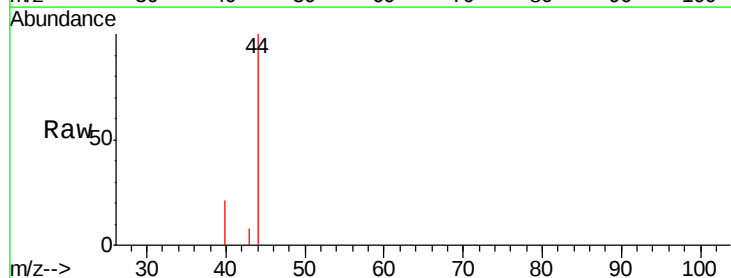
Instrument :
MSVOA_D
ClientSampleId :
EB02_6-8

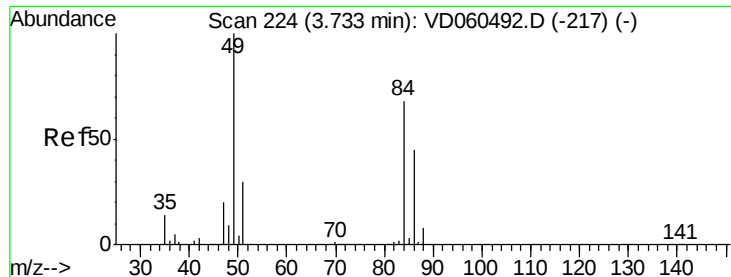
Tgt Ion: 43 Resp: 4363
Ion Ratio Lower Upper
43 100
58 0.0 17.3 25.9#



#18
Methyl Acetate
Concen: 6.834 ug/l
RT: 3.60 min Scan# 211
Delta R.T. 0.02 min
Lab File: VD060609.D
Acq: 17 Dec 2018 19:48

Tgt Ion: 43 Resp: 187
Ion Ratio Lower Upper
43 100
74 0.0 12.0 18.0#

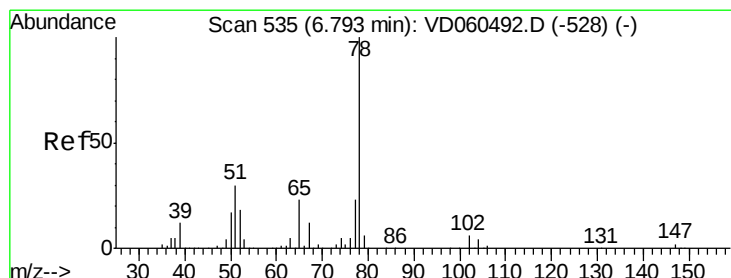
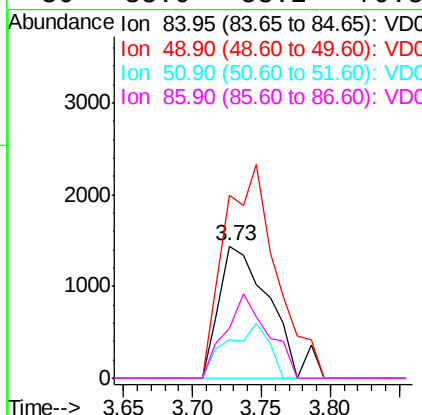
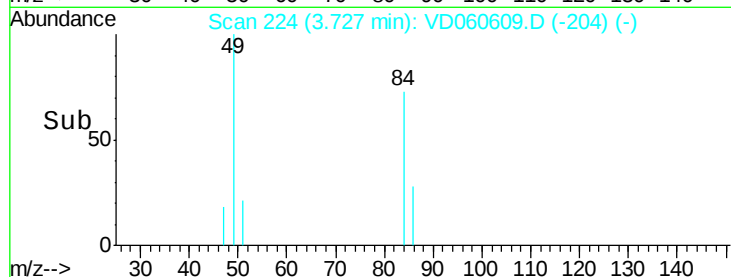
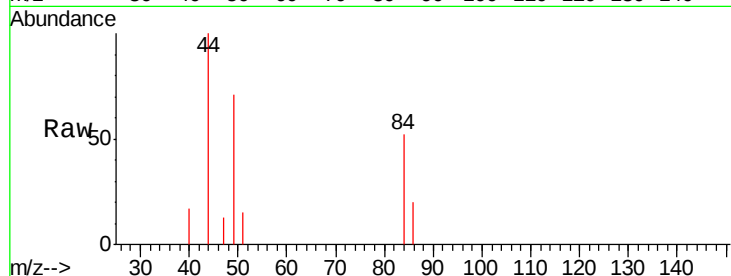




#20
Methylene Chloride
Concen: 33.674 ug/l
RT: 3.73 min Scan# 224
Delta R.T. -0.01 min
Lab File: VD060609.D
Acq: 17 Dec 2018 19:48

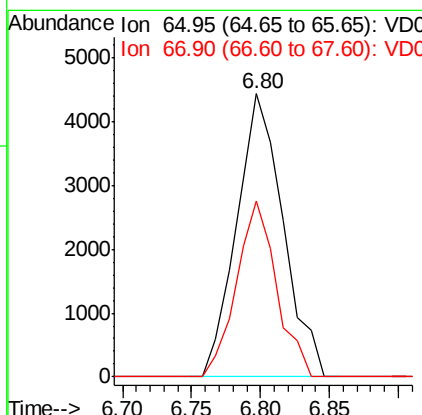
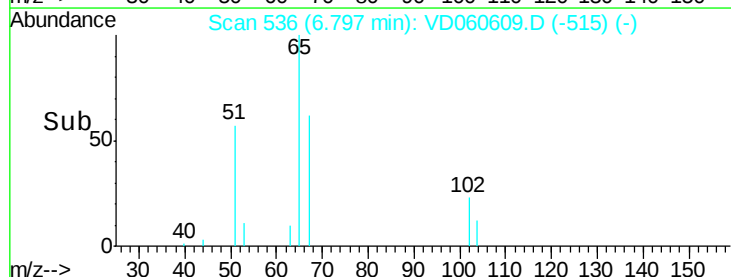
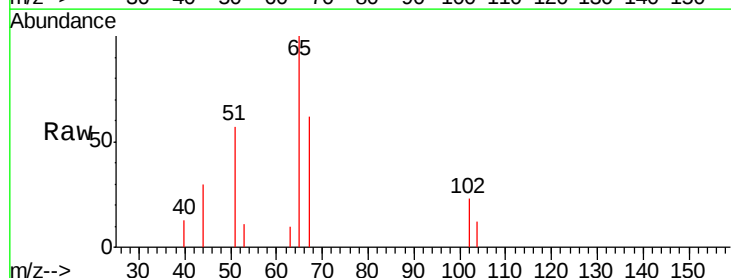
Instrument :
MSVOA_D
ClientSampleId :
EB02_6-8

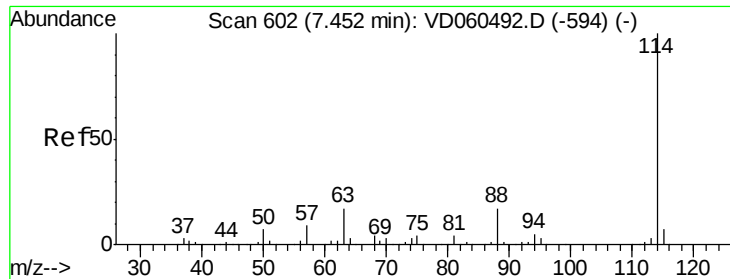
Tgt Ion: 84 Resp: 3714
Ion Ratio Lower Upper
84 100
49 137.7 117.2 175.8
51 29.3 35.3 52.9#
86 38.0 53.2 79.8#



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.80 min Scan# 536
Delta R.T. 0.00 min
Lab File: VD060609.D
Acq: 17 Dec 2018 19:48

Tgt Ion: 65 Resp: 10386
Ion Ratio Lower Upper
65 100
67 62.2 0.0 106.8

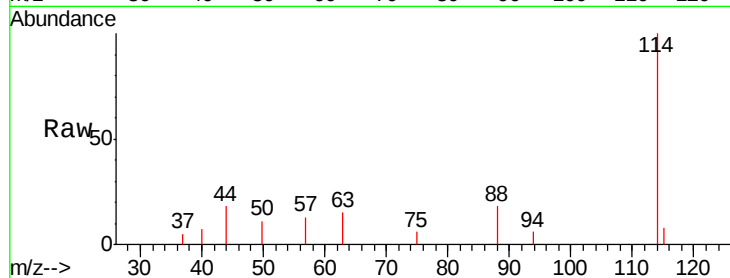




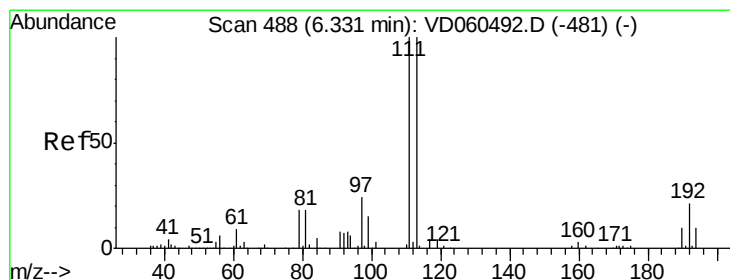
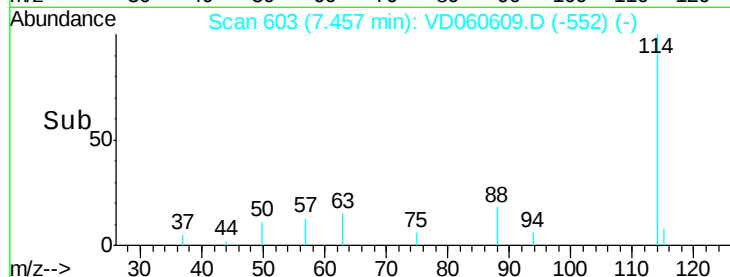
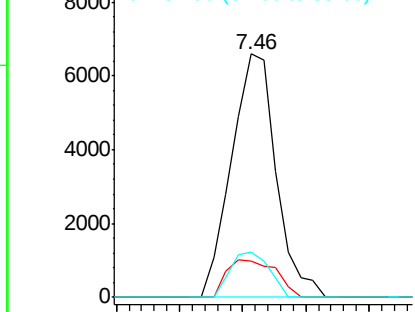
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.46 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: VD060609.D
 Acq: 17 Dec 2018 19:48

Instrument :
 MSVOA_D
 ClientSampleId :
 EB02_6-8

Tgt Ion:114 Resp: 16164
 Ion Ratio Lower Upper
 114 100
 63 15.1 0.0 34.2
 88 18.4 0.0 35.0

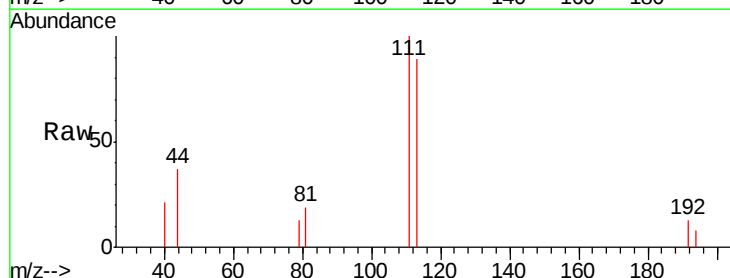


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

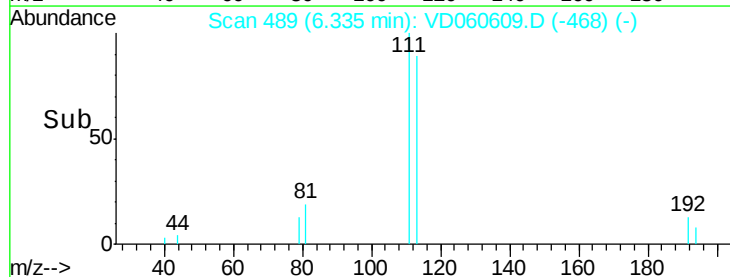
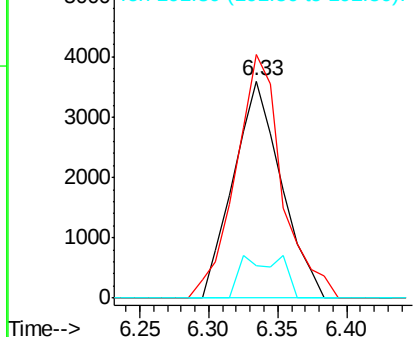


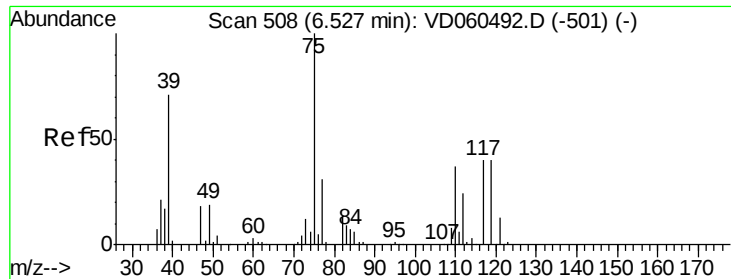
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: VD060609.D
 Acq: 17 Dec 2018 19:48

Tgt Ion:113 Resp: 8686
 Ion Ratio Lower Upper
 113 100
 111 112.3 80.2 120.4
 192 14.9 16.6 24.8#



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

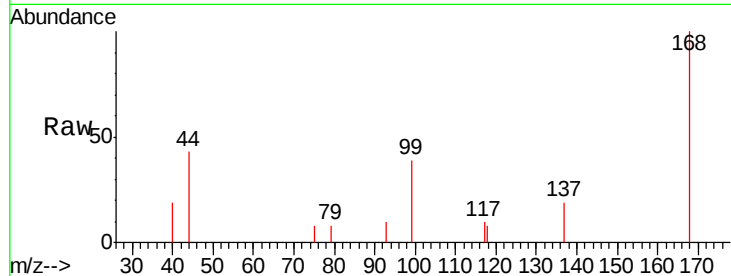




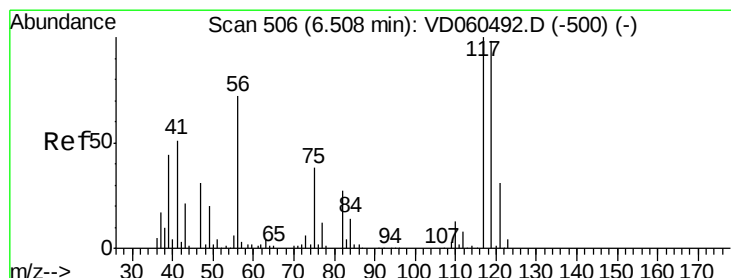
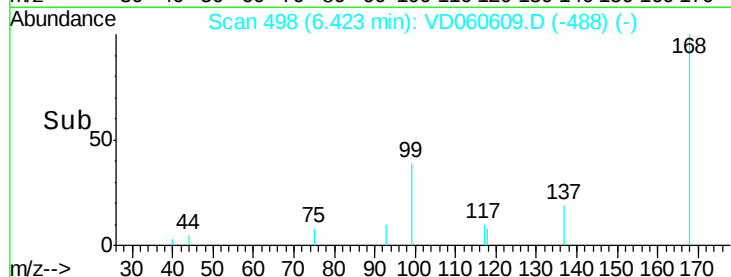
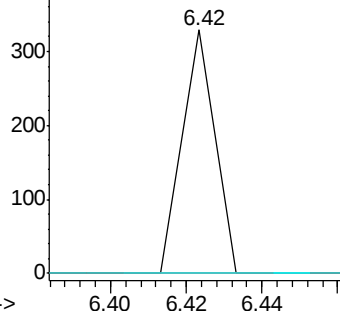
#36
 1,1-Dichloropropene
 Concen: 1.228 ug/l
 RT: 6.42 min Scan# 498
 Delta R.T. -0.10 min
 Lab File: VD060609.D
 Acq: 17 Dec 2018 19:48

Instrument :
 MSVOA_D
 ClientSampleId :
 EB02_6-8

Tgt Ion: 75 Resp: 194
 Ion Ratio Lower Upper
 75 100
 110 0.0 18.3 54.8#
 77 0.0 24.6 37.0#

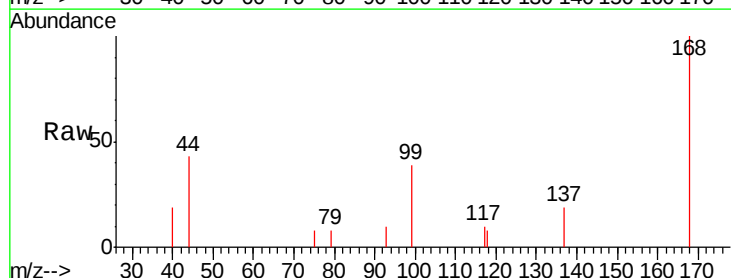


Abundance Ion 75.00 (74.70 to 75.70): VDC
 Ion 109.90 (109.60 to 110.60): VDC
 Ion 76.95 (76.65 to 77.65): VDC

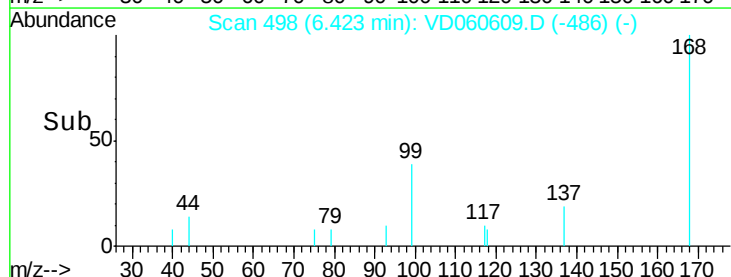
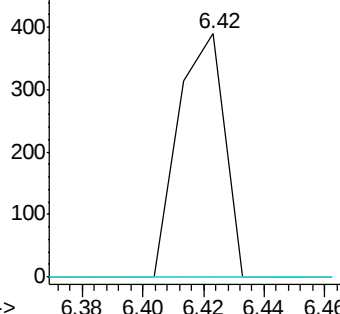


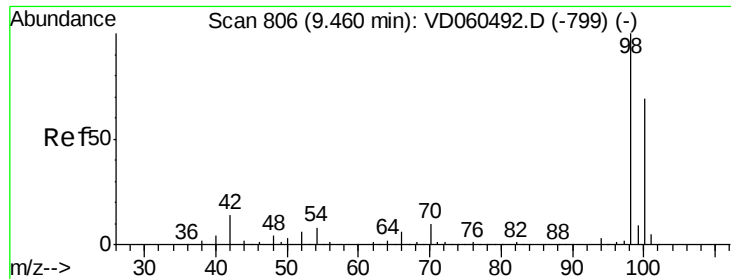
#38
 Carbon Tetrachloride
 Concen: 2.933 ug/l
 RT: 6.42 min Scan# 498
 Delta R.T. -0.08 min
 Lab File: VD060609.D
 Acq: 17 Dec 2018 19:48

Tgt Ion: 117 Resp: 416
 Ion Ratio Lower Upper
 117 100
 119 0.0 76.8 115.2#
 121 0.0 24.4 36.6#



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





#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.47 min Scan# 808

Delta R.T. 0.01 min

Lab File: VD060609.D

Acq: 17 Dec 2018 19:48

Instrument :

MSVOA_D

ClientSampleId :

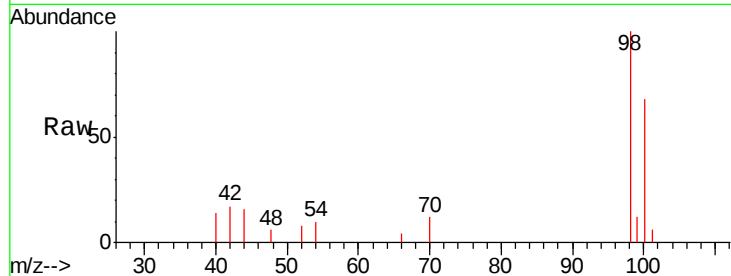
EB02_6-8

Tgt Ion: 98 Resp: 16100

Ion Ratio Lower Upper

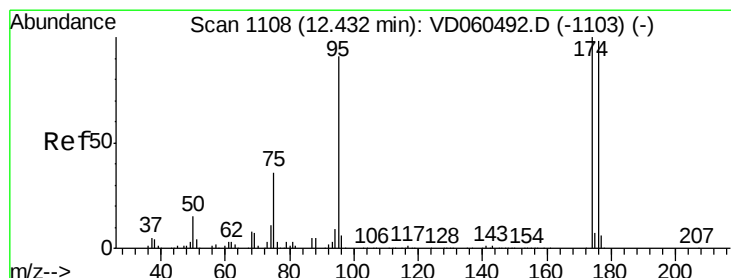
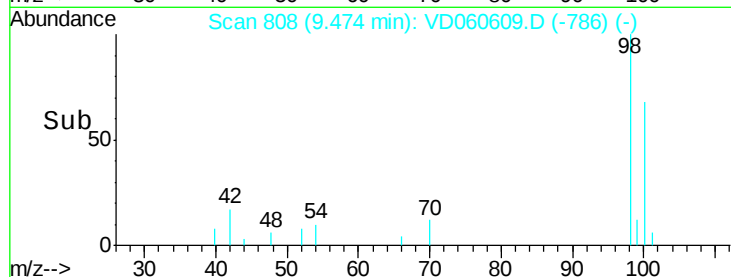
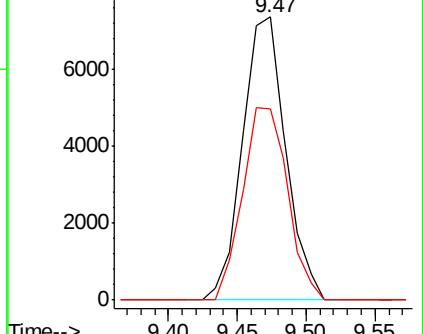
98 100

100 67.7 55.7 83.5



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.44 min Scan# 1109

Delta R.T. 0.00 min

Lab File: VD060609.D

Acq: 17 Dec 2018 19:48

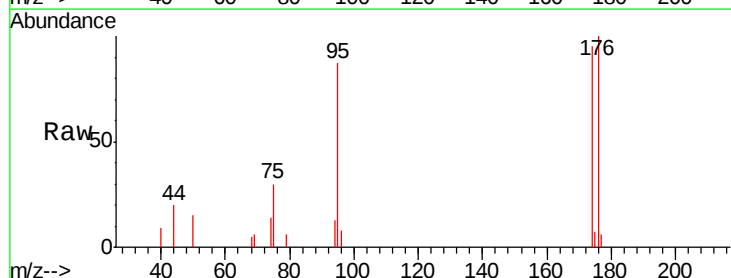
Tgt Ion: 95 Resp: 7600

Ion Ratio Lower Upper

95 100

174 109.1 0.0 219.4

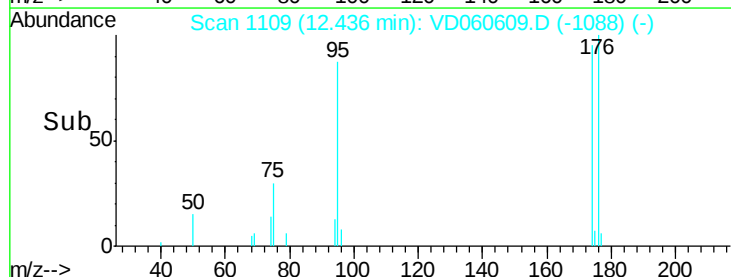
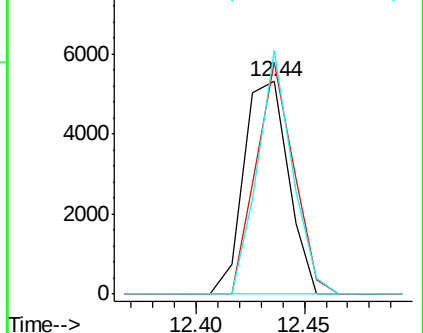
176 114.5 0.0 214.6

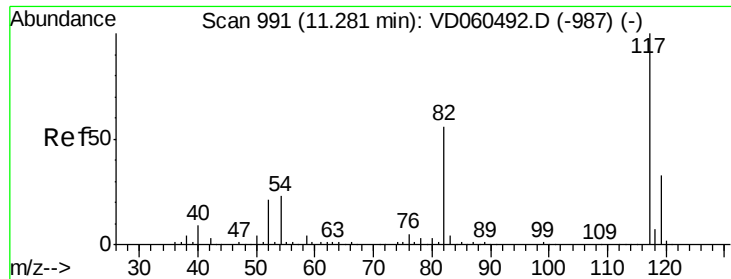


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.29 min Scan# 993

Delta R.T. 0.01 min

Lab File: VD060609.D

Acq: 17 Dec 2018 19:48

Instrument :

MSVOA_D

ClientSampleId :

EB02_6-8

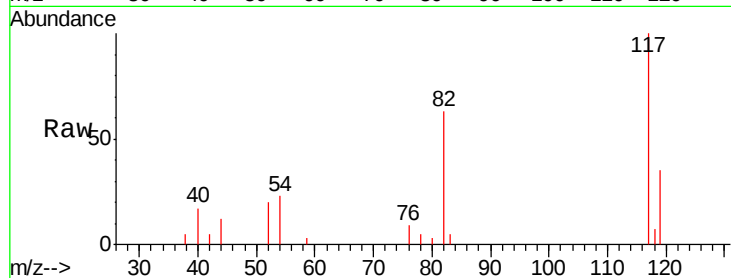
Tgt Ion:117 Resp: 17429

Ion Ratio Lower Upper

117 100

82 62.9 45.2 67.8

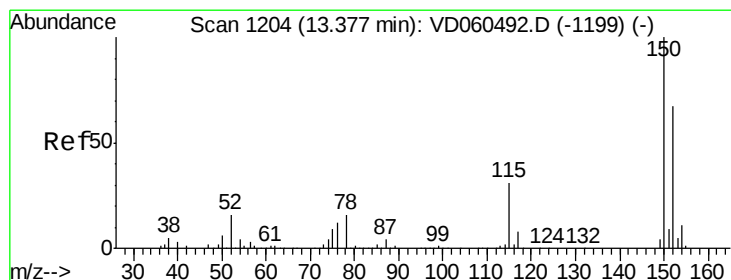
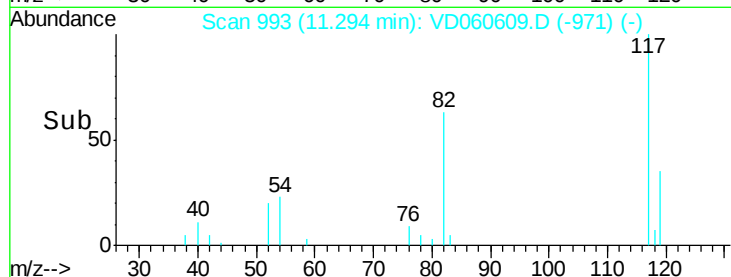
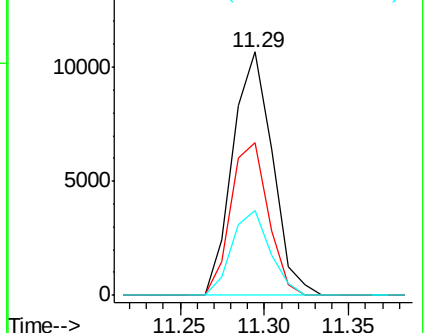
119 35.1 26.1 39.1



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: 13.38 min Scan# 1205

Delta R.T. 0.00 min

Lab File: VD060609.D

Acq: 17 Dec 2018 19:48

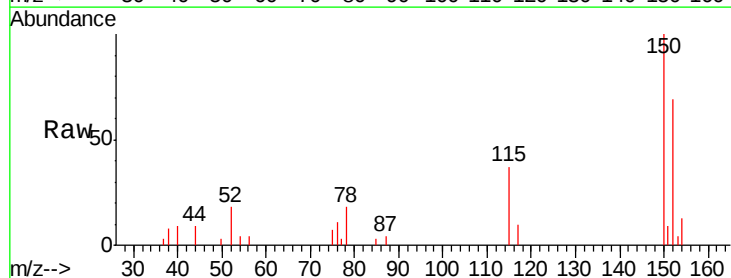
Tgt Ion:152 Resp: 9138

Ion Ratio Lower Upper

152 100

115 54.0 24.6 74.0

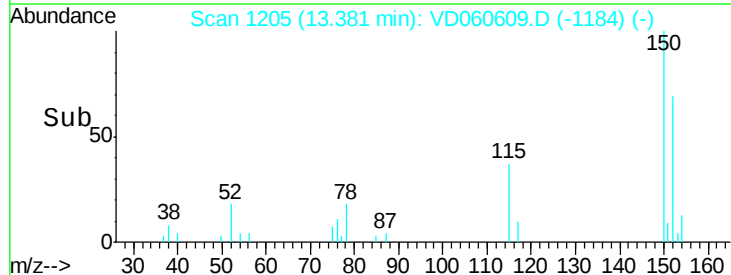
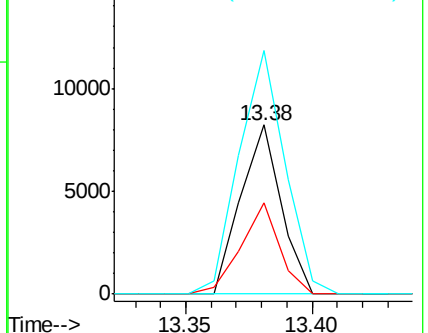
150 144.0 0.0 309.0

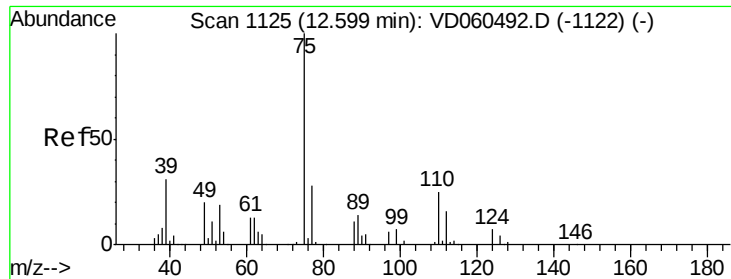


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V

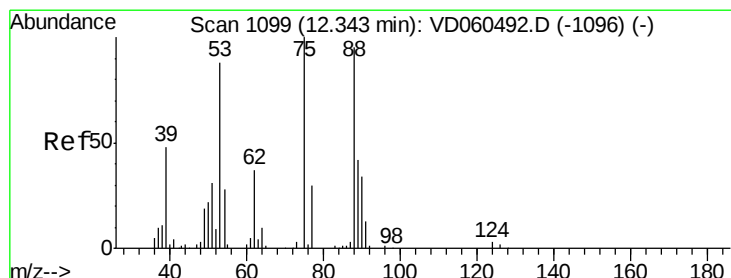
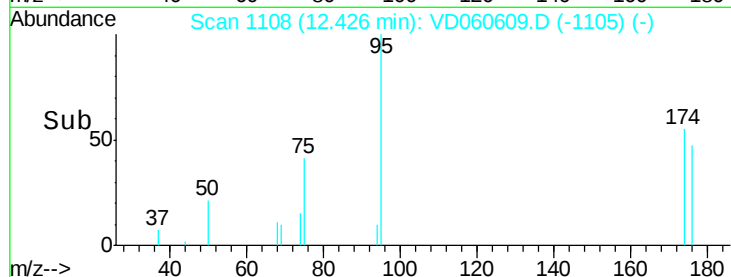
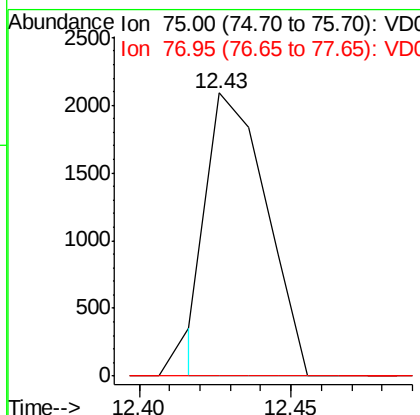
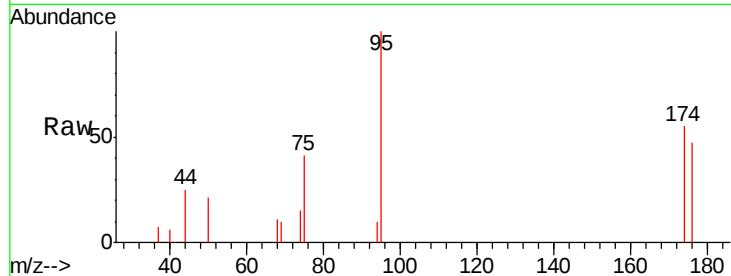




#76
 1,2,3-Trichloropropane
 Concen: 27.526 ug/l
 RT: 12.43 min Scan# 1108
 Delta R.T. -0.17 min
 Lab File: VD060609.D
 Acq: 17 Dec 2018 19:48

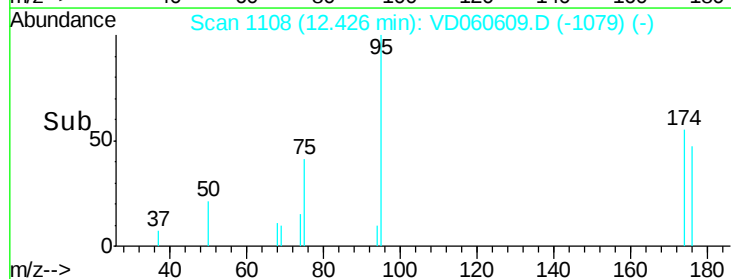
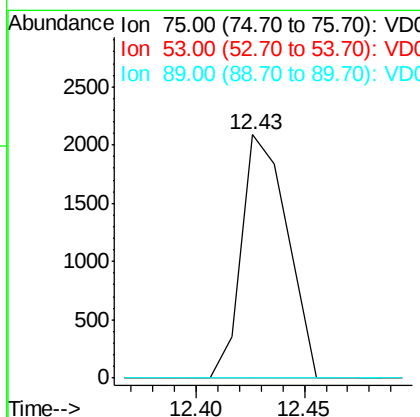
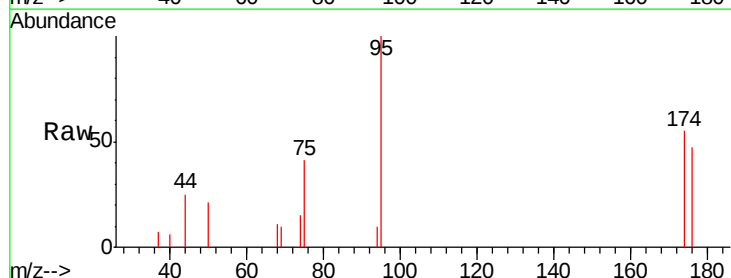
Instrument :
 MSVOA_D
 ClientSampleId :
 EB02_6-8

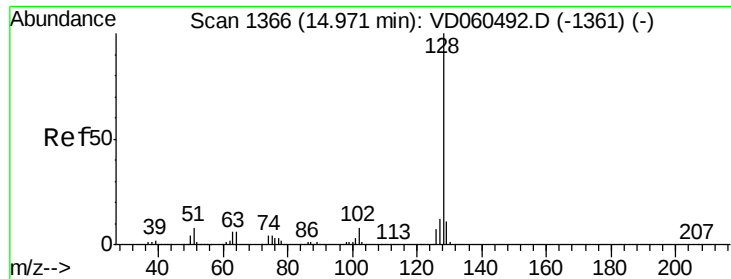
Tgt Ion: 75 Resp: 2850
 Ion Ratio Lower Upper
 75 100
 77 0.0 16.4 49.4#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.965 ug/l
 RT: 12.43 min Scan# 1108
 Delta R.T. 0.08 min
 Lab File: VD060609.D
 Acq: 17 Dec 2018 19:48

Tgt Ion: 75 Resp: 3060
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.5 105.7#
 89 0.0 33.6 50.4#





#95

Naphthalene

Concen: 1.069 ug/l

RT: 14.97 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VD060609.D

Acq: 17 Dec 2018 19:48

Instrument :

MSVOA_D

ClientSampleId :

EB02_6-8

Tgt Ion:128 Resp: 250

Ion Ratio Lower Upper

128 100

127 0.0 9.8 14.8#

129 0.0 8.6 13.0#

