

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041019\
 Data File : VD061726.D
 Acq On : 10 Apr 2019 21:20
 Operator : VA/AP
 Sample : K2338-10RE
 Misc : 5.39g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 11 01:09:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

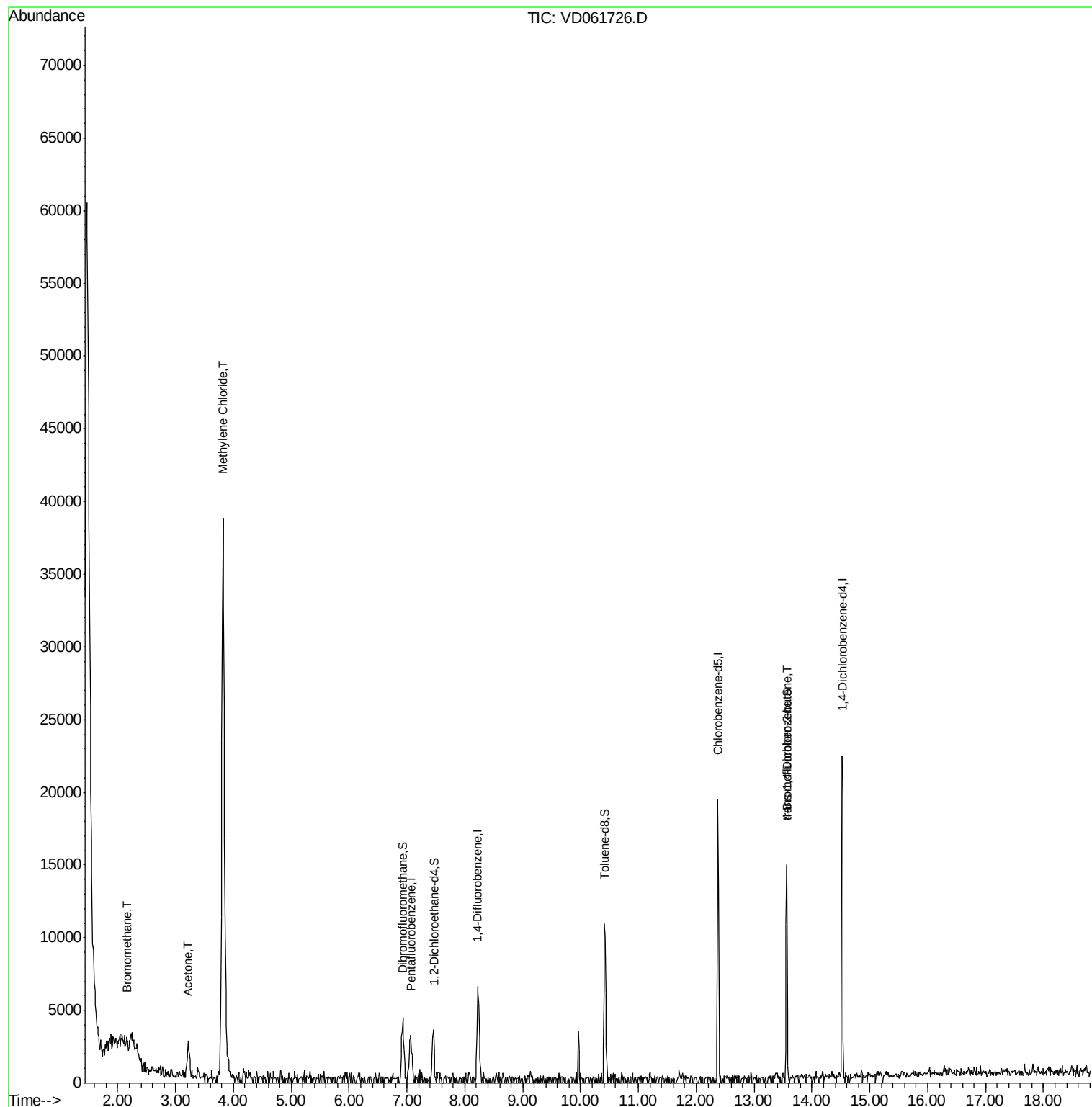
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	6526	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	12027	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	13411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	6355	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	4393	88.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	177.62%	
35) Dibromofluoromethane	6.93	113	4483	53.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.60%	
50) Toluene-d8	10.41	98	11345	54.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.40%	
62) 4-Bromofluorobenzene	13.56	95	5044	76.89	ug/l	0.01
Spiked Amount 50.000			Recovery	=	153.78%	
Target Compounds						
5) Bromomethane	2.14	94	222	18.041	ug/l #	12
16) Acetone	3.21	43	5761	389.592	ug/l #	51
20) Methylene Chloride	3.82	84	34817	414.928	ug/l	96
81) trans-1,4-Dichloro-2-buten	13.56	75	1597	60.869	ug/l #	20

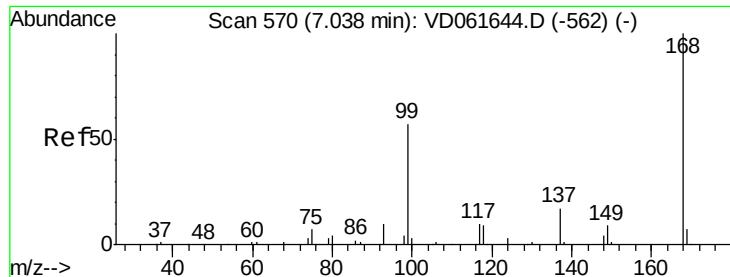
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.02 min

Lab File: VD061726.D

Acq: 10 Apr 2019 21:20

Instrument :

MSVOA_D

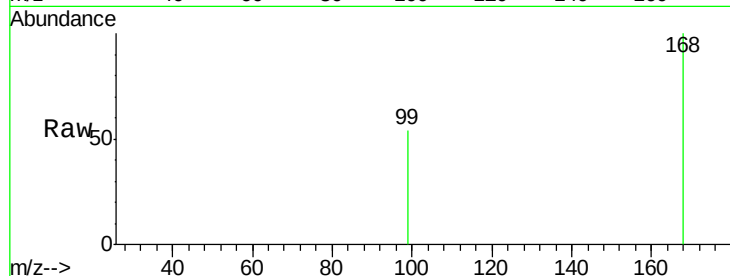
ClientSampleId :

Tot Ion:168 Resp: 6526

Ion Ratio Lower Upper

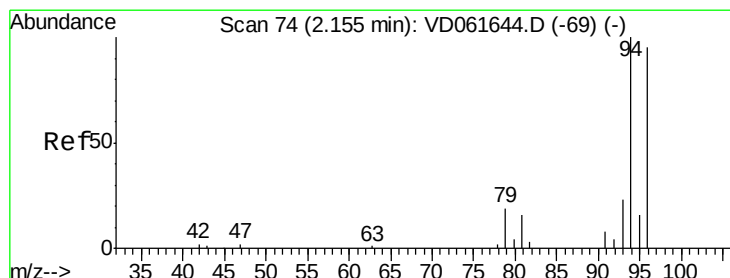
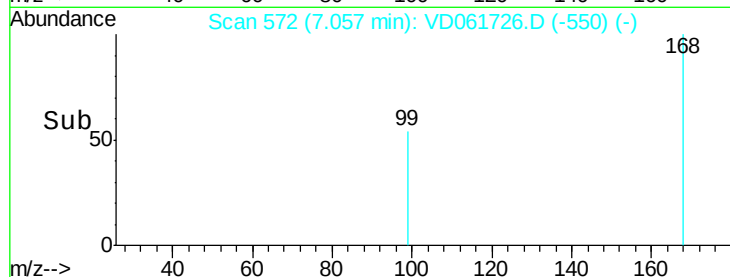
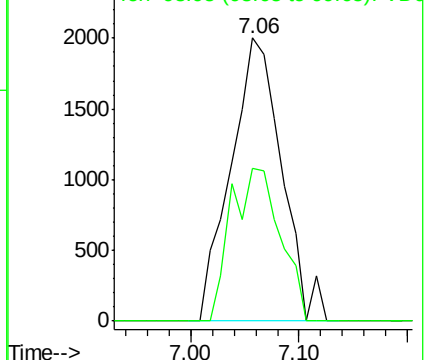
168 100

99 54.1 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#5

Bromomethane

Concen: 18.041 ug/l

RT: 2.14 min Scan# 73

Delta R.T. -0.01 min

Lab File: VD061726.D

Acq: 10 Apr 2019 21:20

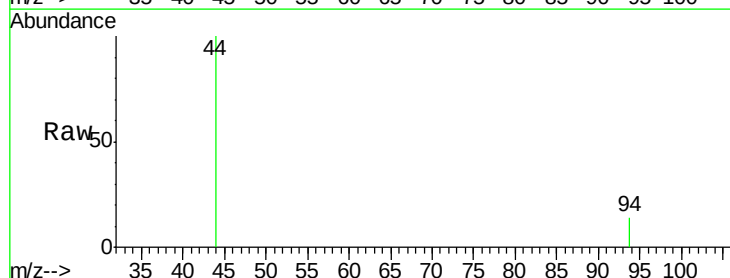
Tgt Ion: 94 Resp: 222

Ion Ratio Lower Upper

94 100

96 0.0 75.8 113.8#

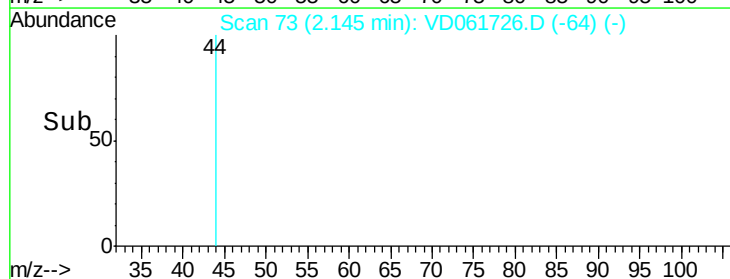
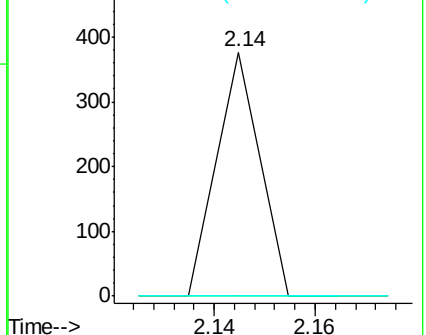
93 0.0 18.6 28.0#

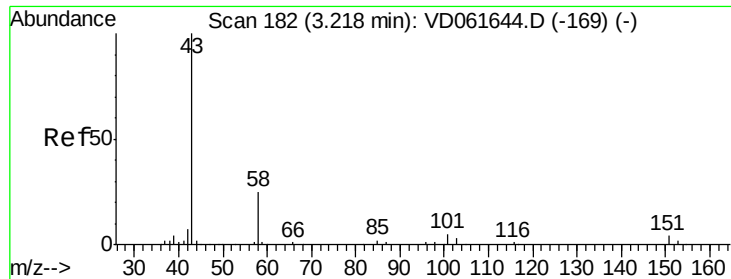


Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC

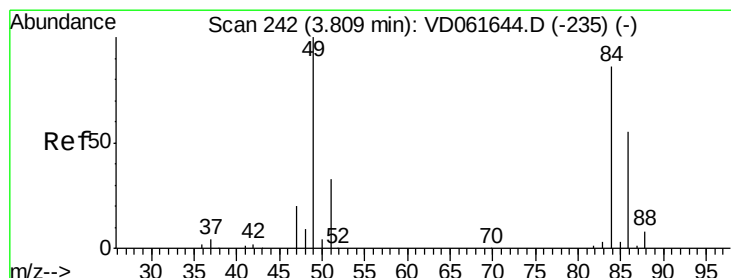
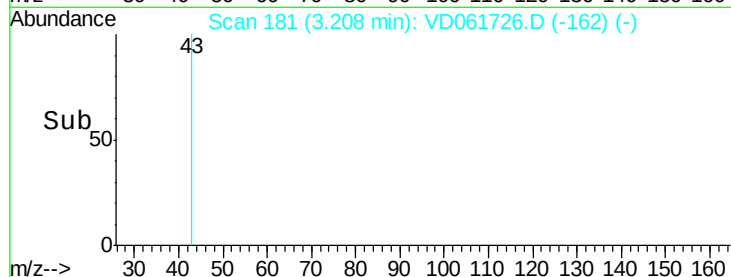
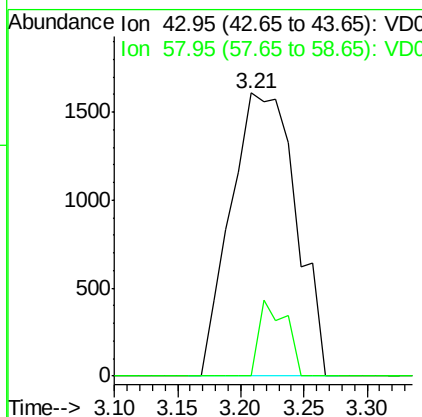
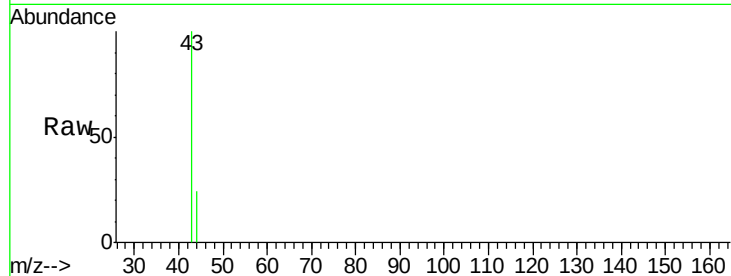




#16
Acetone
Concen: 389.592 ug/l
RT: 3.21 min Scan# 181
Delta R.T. -0.01 min
Lab File: VD061726.D
Acq: 10 Apr 2019 21:20

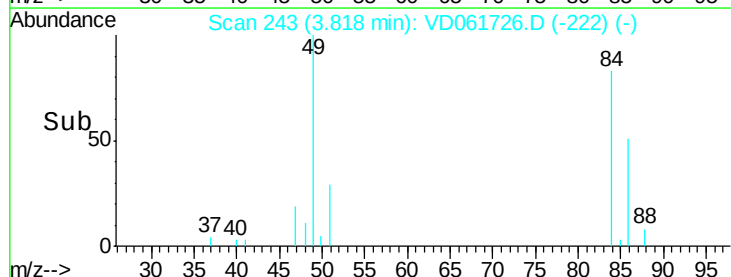
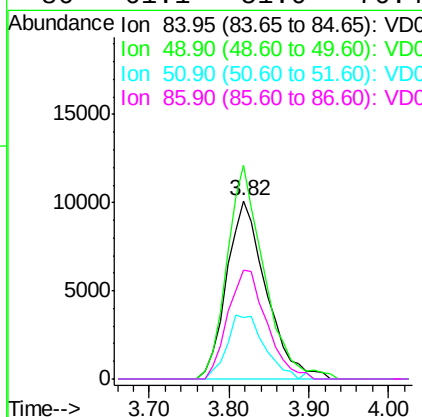
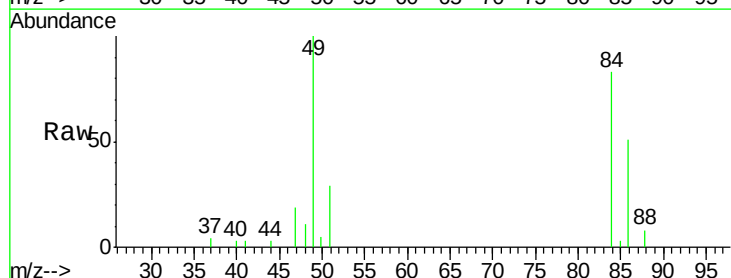
Instrument :
MSVOA_D
ClientSampleId :

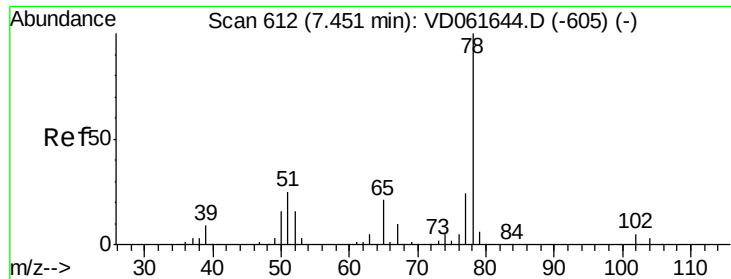
Tot Ion: 43 Resp: 5761
Ion Ratio Lower Upper
43 100
58 0.0 19.7 29.5#



#20
Methylene Chloride
Concen: 414.928 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.01 min
Lab File: VD061726.D
Acq: 10 Apr 2019 21:20

Tgt Ion: 84 Resp: 34817
Ion Ratio Lower Upper
84 100
49 120.0 93.0 139.4
51 34.8 30.4 45.6
86 61.1 51.0 76.4





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD061726.D

Acq: 10 Apr 2019 21:20

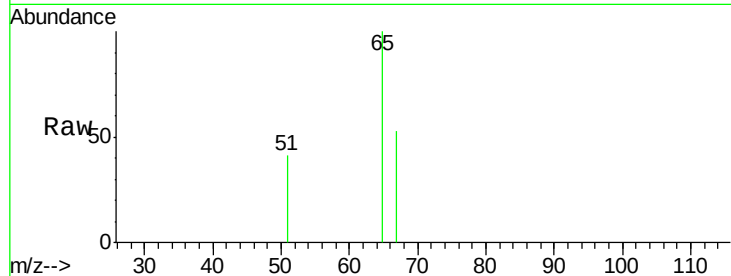
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 65 Resp: 4393

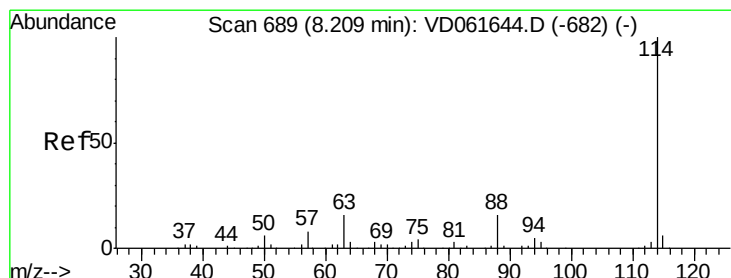
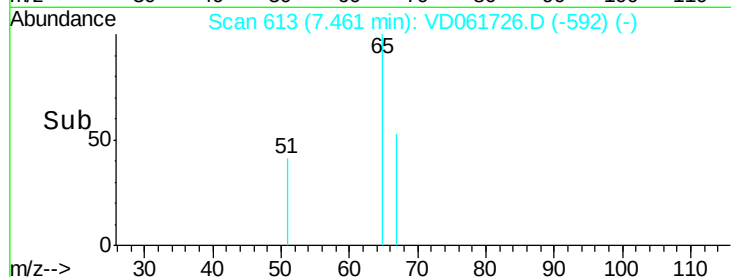
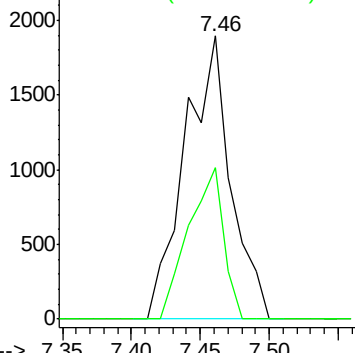
Ion Ratio Lower Upper

65 100

67 53.5 0.0 99.4



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. 0.02 min

Lab File: VD061726.D

Acq: 10 Apr 2019 21:20

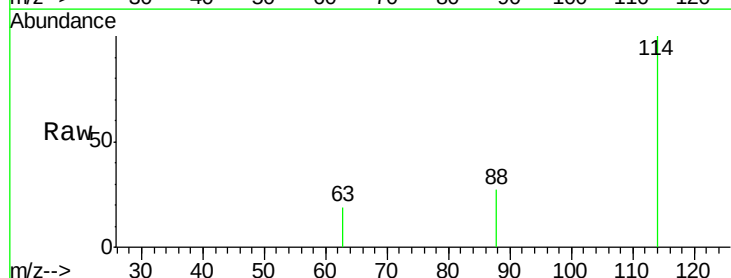
Tgt Ion: 114 Resp: 12027

Ion Ratio Lower Upper

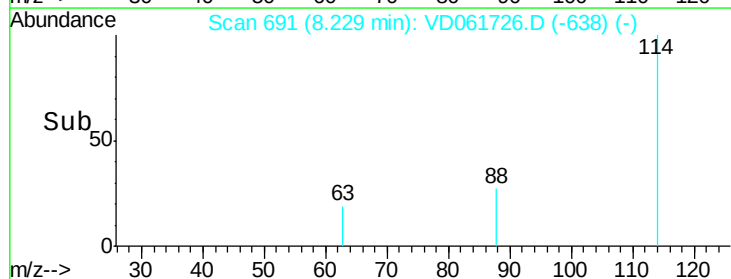
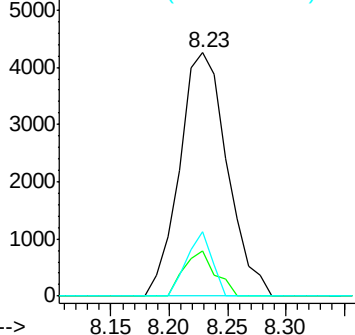
114 100

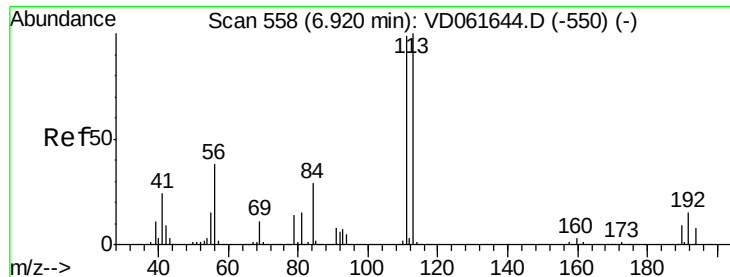
63 18.8 0.0 31.2

88 26.6 0.0 31.8



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

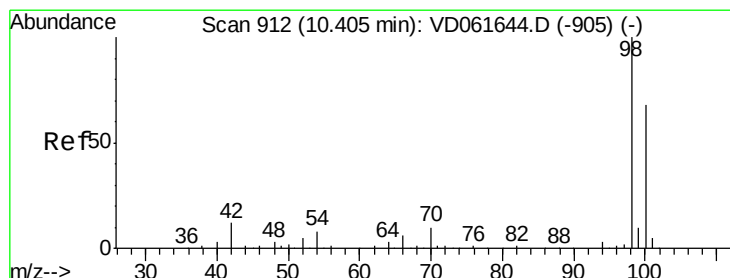
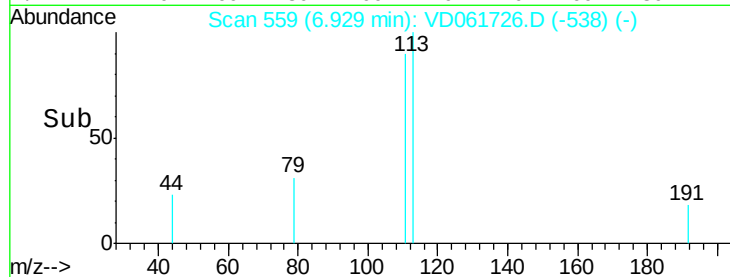
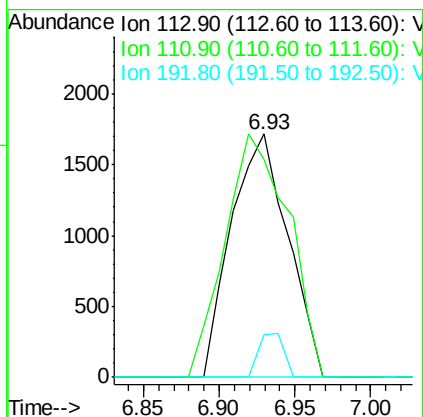
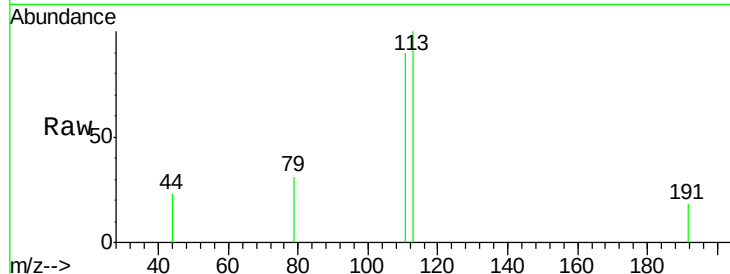




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.01 min
 Lab File: VD061726.D
 Acq: 10 Apr 2019 21:20

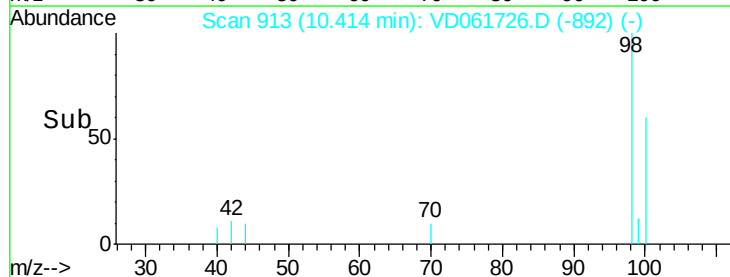
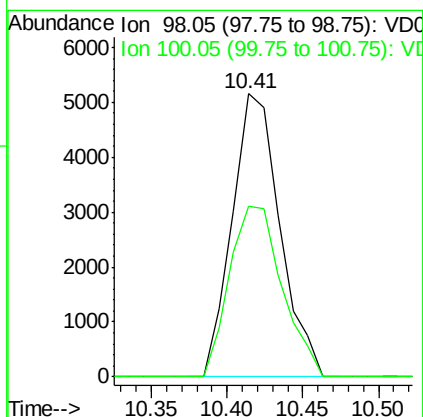
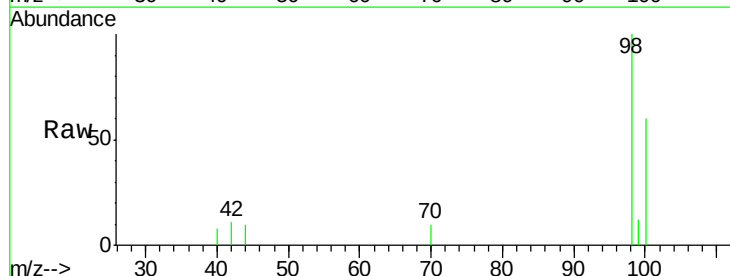
Instrument :
 MSVOA_D
 ClientSampleId :

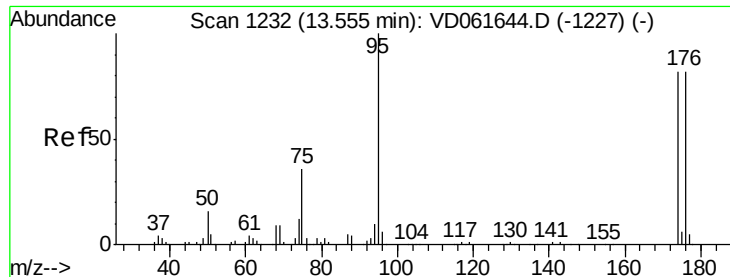
Tot Ion:113 Resp: 4483
 Ion Ratio Lower Upper
 113 100
 111 89.5 79.3 118.9
 192 17.6 12.3 18.5



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.41 min Scan# 913
 Delta R.T. 0.01 min
 Lab File: VD061726.D
 Acq: 10 Apr 2019 21:20

Tgt Ion: 98 Resp: 11345
 Ion Ratio Lower Upper
 98 100
 100 60.5 55.4 83.0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD061726.D

Acq: 10 Apr 2019 21:20

Instrument :

MSVOA_D

ClientSampled :

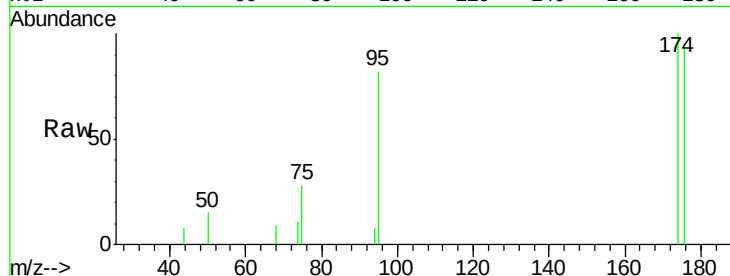
Tot Ion: 95 Resp: 5044

Ion Ratio Lower Upper

95 100

174 122.5 0.0 164.6

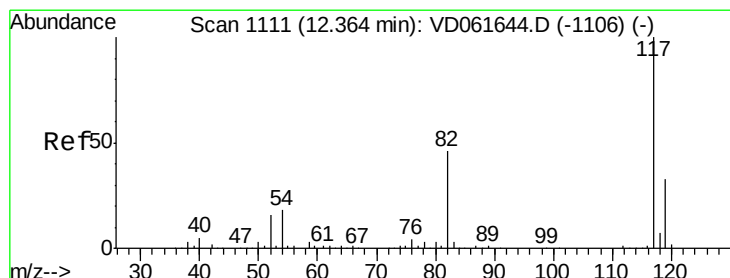
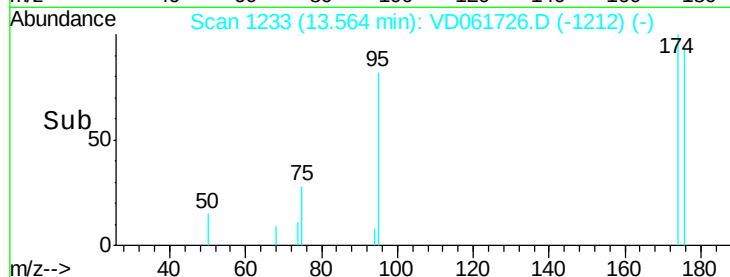
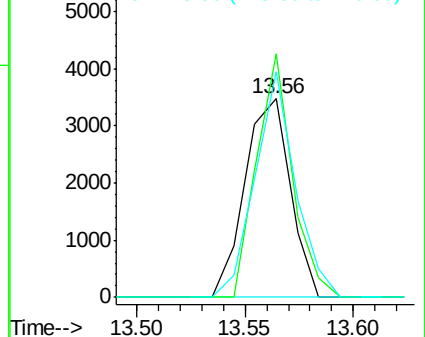
176 113.4 0.0 165.0



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.37 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VD061726.D

Acq: 10 Apr 2019 21:20

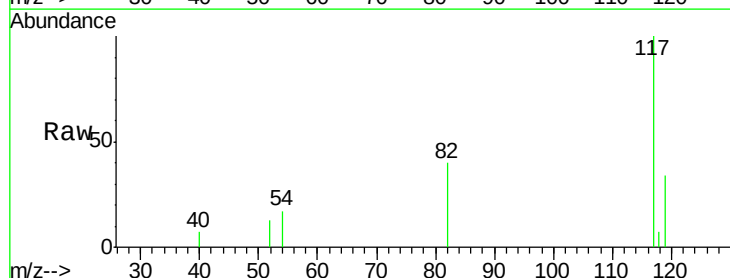
Tgt Ion: 117 Resp: 13411

Ion Ratio Lower Upper

117 100

82 40.1 36.8 55.2

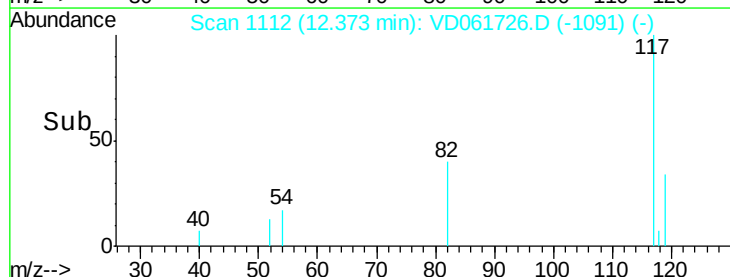
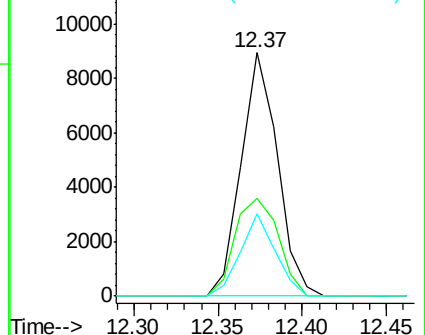
119 33.9 26.1 39.1

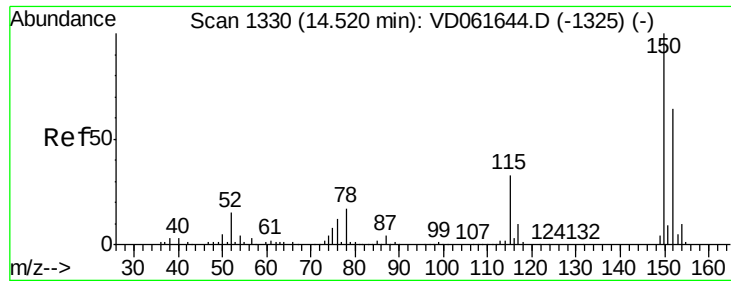


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.52 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VD061726.D

Acq: 10 Apr 2019 21:20

Instrument :

MSVOA_D

ClientSampled :

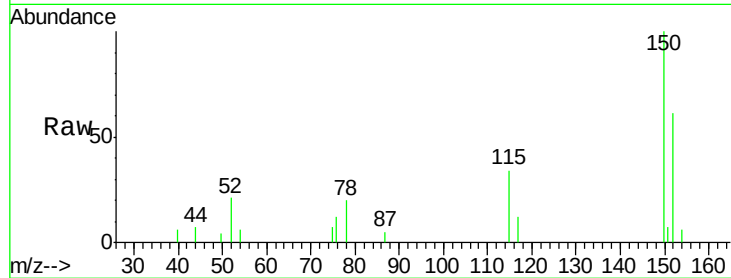
Tot Ion:152 Resp: 6355

Ion Ratio Lower Upper

152 100

115 56.2 26.4 79.2

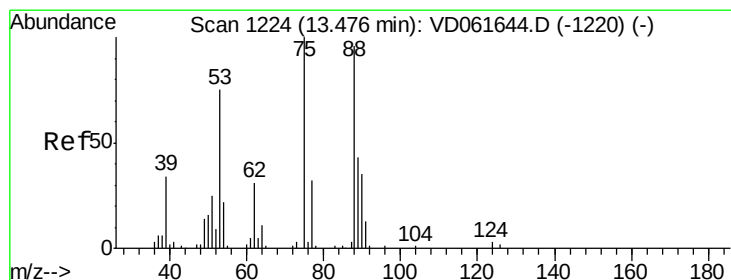
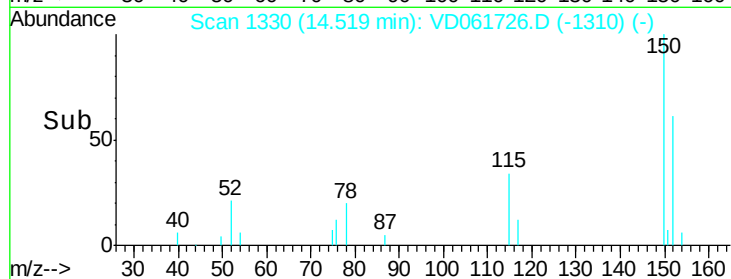
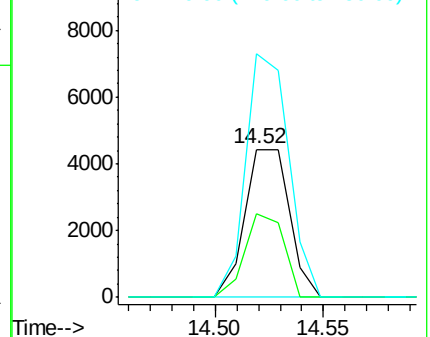
150 164.4 0.0 320.6



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: 60.869 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.09 min

Lab File: VD061726.D

Acq: 10 Apr 2019 21:20

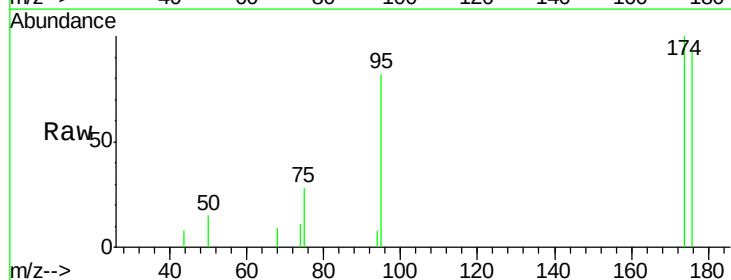
Tgt Ion: 75 Resp: 1597

Ion Ratio Lower Upper

75 100

53 0.0 60.2 90.2#

89 0.0 34.2 51.2#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 53.00 (52.70 to 53.70): V

Ion 89.00 (88.70 to 89.70): V

