

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040319\
 Data File : VD061569.D
 Acq On : 3 Apr 2019 21:34
 Operator : VA/AP
 Sample : K2213-13
 Misc : 5.42g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S9C(6)

Quant Time: Apr 04 03:06:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

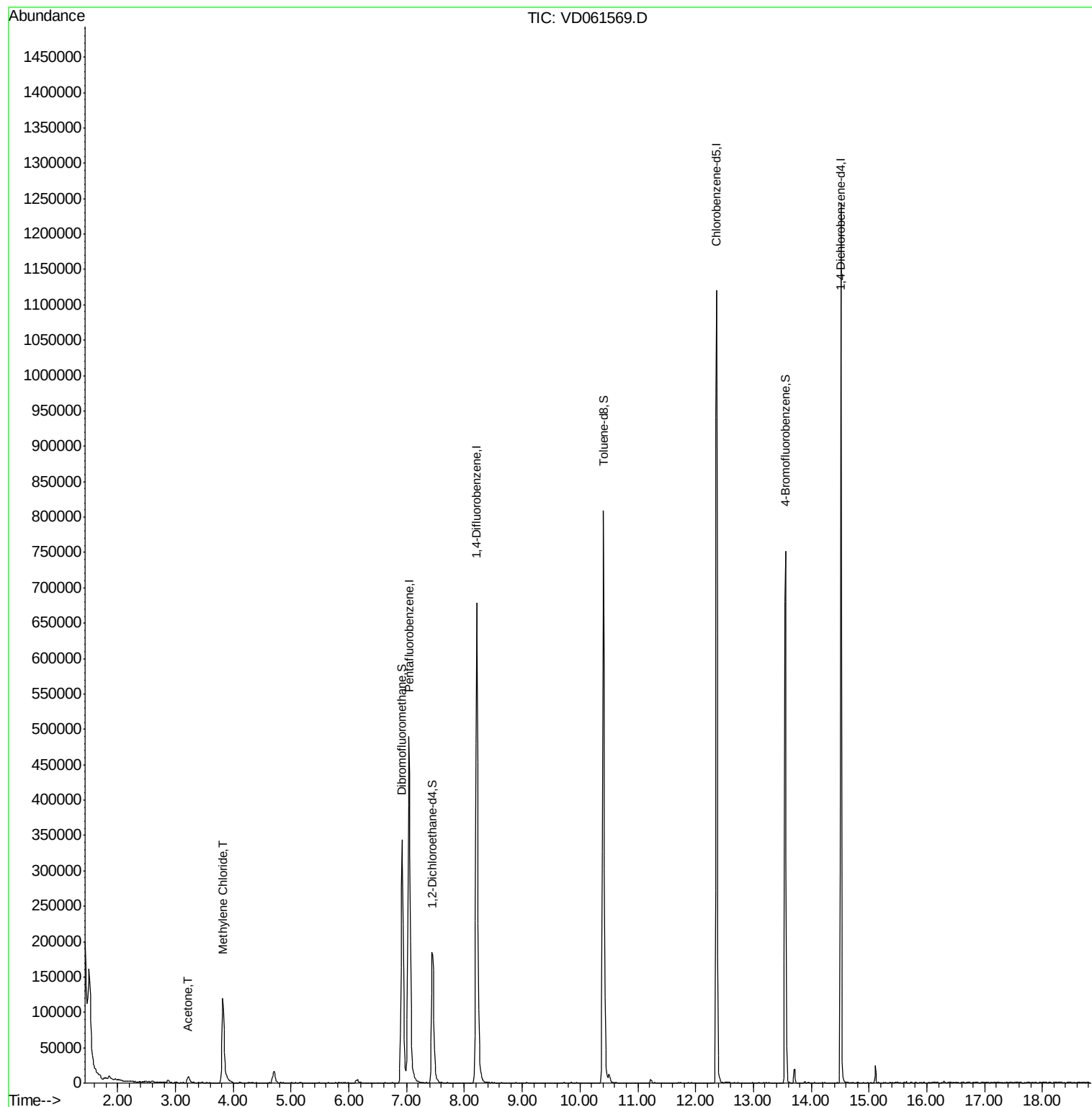
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	516047	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.21	114	845756	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.36	117	705072	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	300345	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	206651	46.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.76%	
35) Dibromofluoromethane	6.92	113	322584	49.91	ug/l	0.02
Spiked Amount 50.000			Recovery	=	99.82%	
50) Toluene-d8	10.40	98	698556	45.06	ug/l	0.02
Spiked Amount 50.000			Recovery	=	90.12%	
62) 4-Bromofluorobenzene	13.55	95	259455	43.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.30%	
Target Compounds						
16) Acetone	3.22	43	19396	17.116	ug/l	93
20) Methylene Chloride	3.82	84	90844	12.885	ug/l	89

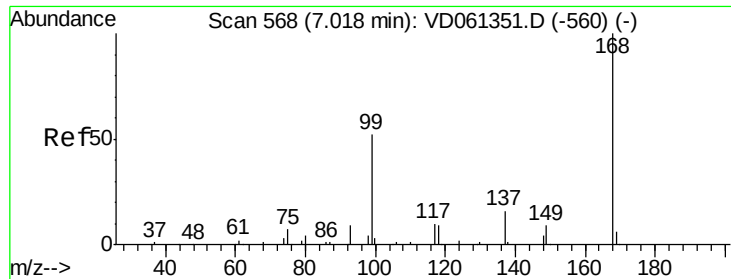
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.02 min

Lab File: VD061569.D

Acq: 3 Apr 2019 21:34

Instrument :

MSVOA_D

ClientSampleId :

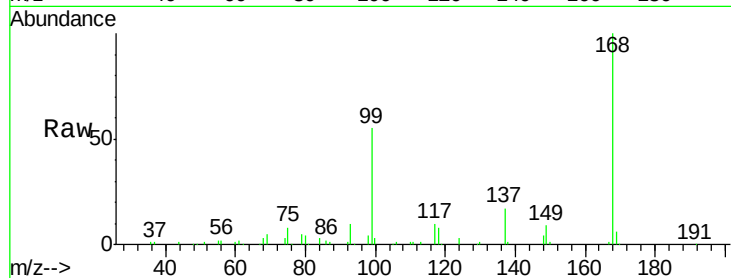
S9C(6)

Tot Ion:168 Resp: 516047

Ion Ratio Lower Upper

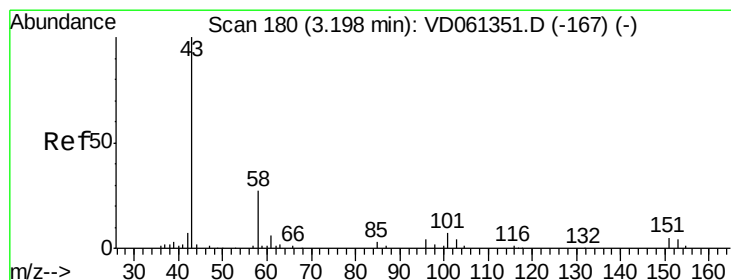
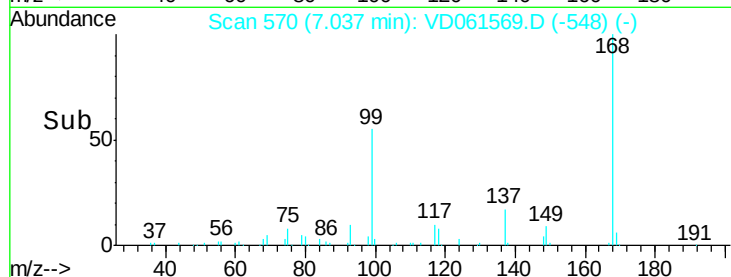
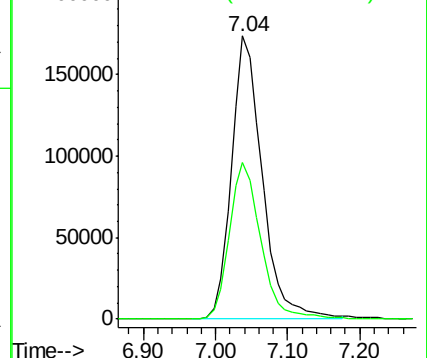
168 100

99 55.4 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 17.116 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.02 min

Lab File: VD061569.D

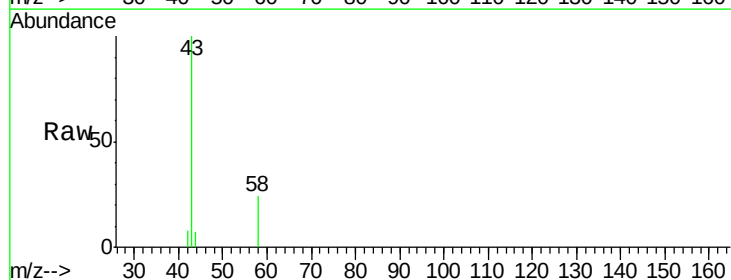
Acq: 3 Apr 2019 21:34

Tgt Ion: 43 Resp: 19396

Ion Ratio Lower Upper

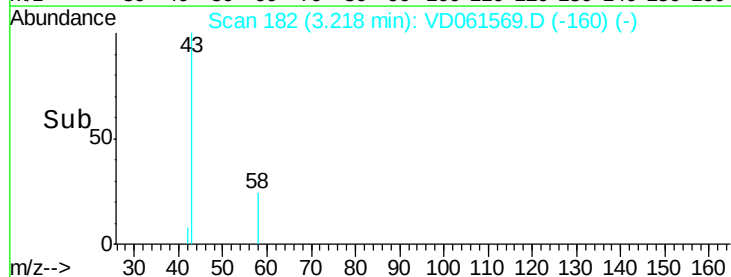
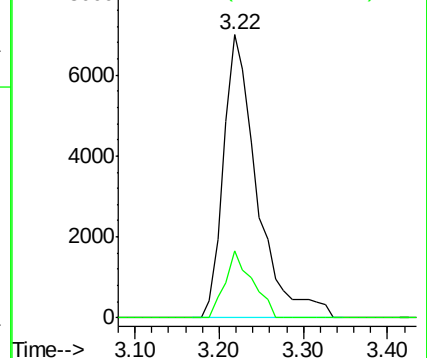
43 100

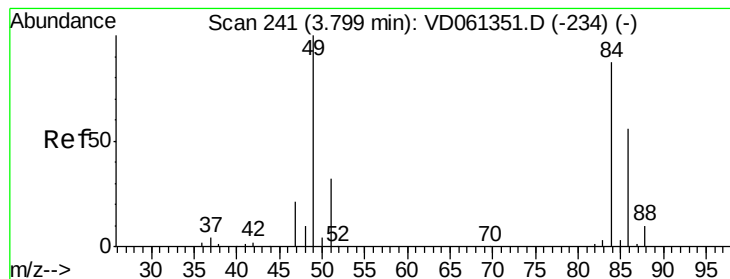
58 23.5 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 12.885 ug/l

RT: 3.82 min Scan# 243

Delta R.T. 0.02 min

Lab File: VD061569.D

Acq: 3 Apr 2019 21:34

Instrument :

MSVOA_D

ClientSampleId :

S9C(6)

Tot Ion: 84 Resp: 90844

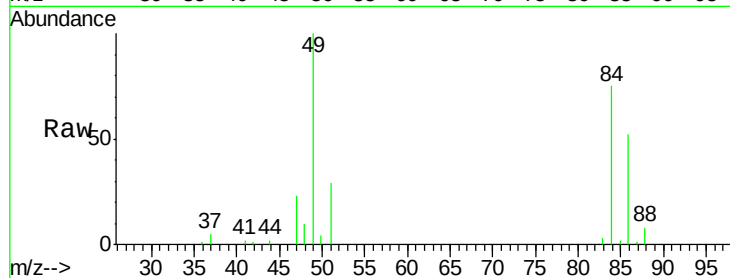
Ion Ratio Lower Upper

84 100

49 132.7 91.8 137.8

51 38.2 29.8 44.8

86 69.3 51.8 77.6

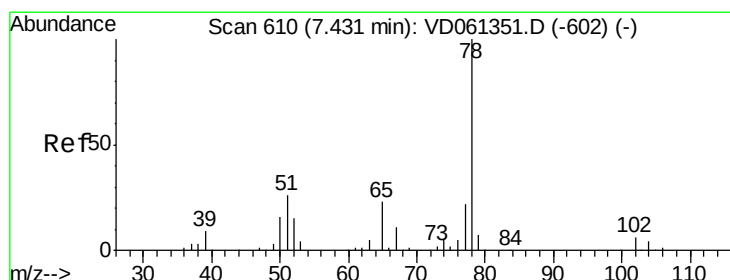
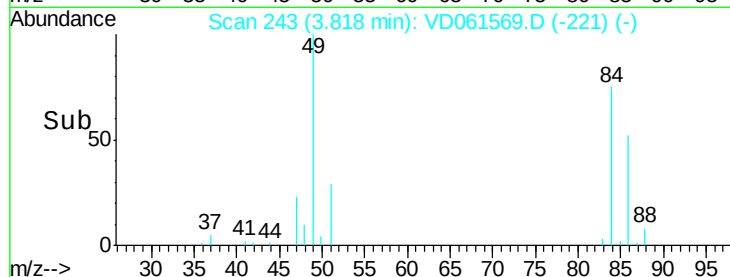
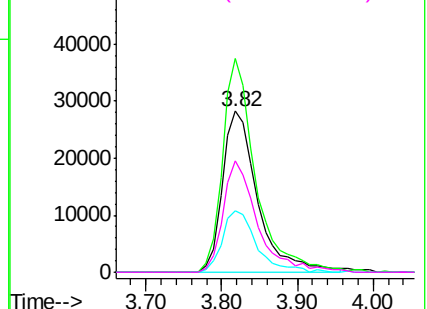


Abundance Ion 83.95 (83.65 to 84.65): VDC

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



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.44 min Scan# 611

Delta R.T. 0.01 min

Lab File: VD061569.D

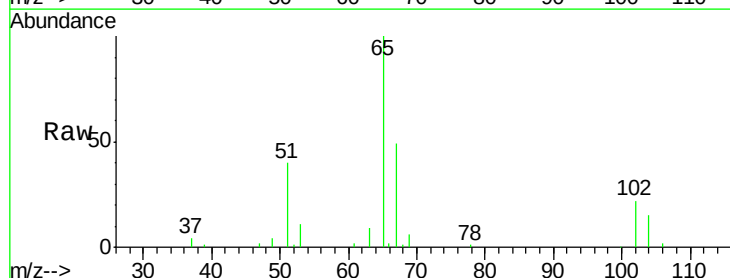
Acq: 3 Apr 2019 21:34

Tgt Ion: 65 Resp: 206651

Ion Ratio Lower Upper

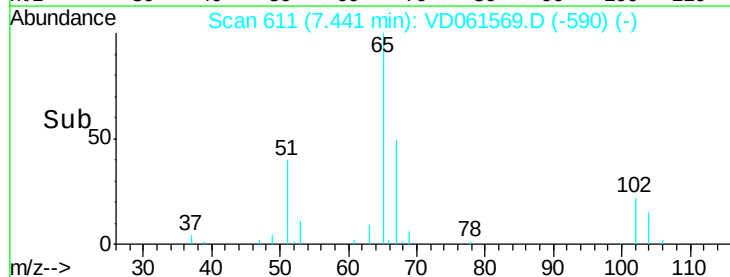
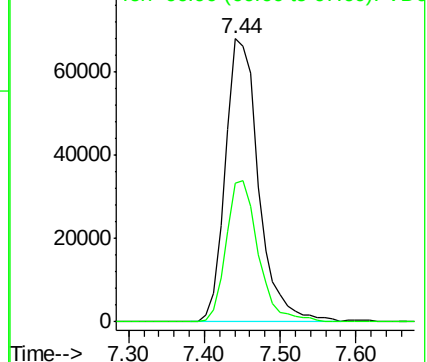
65 100

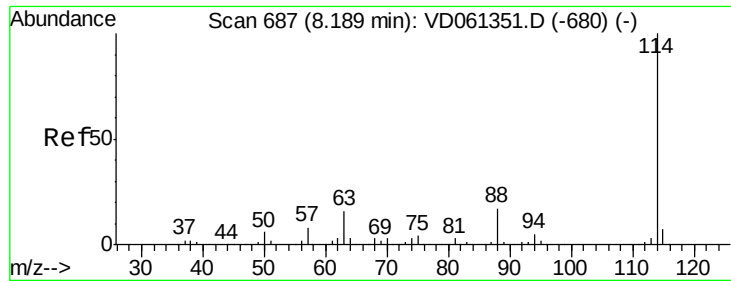
67 49.2 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

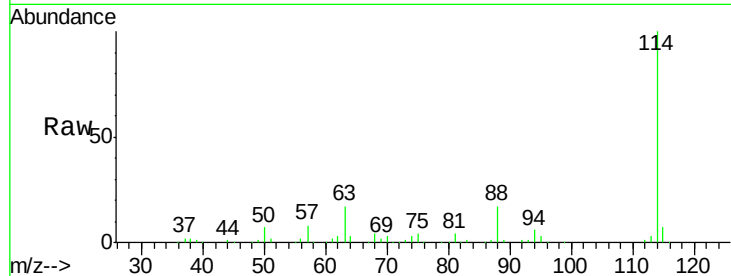




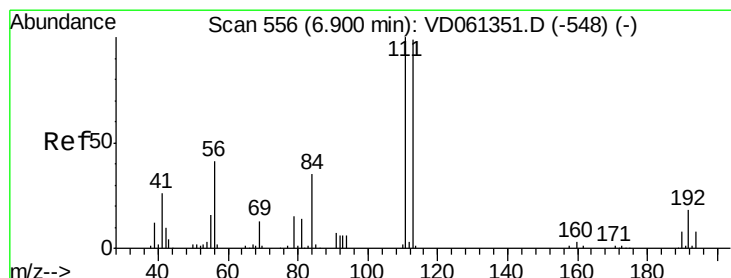
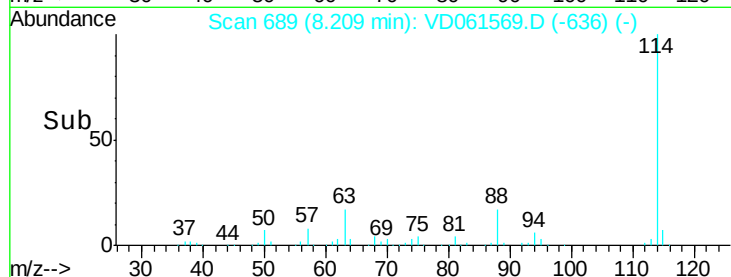
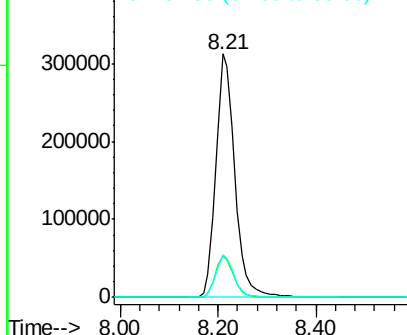
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.02 min
 Lab File: VD061569.D
 Acq: 3 Apr 2019 21:34

Instrument :
 MSVOA_D
 ClientSampleId :
 S9C(6)

Tot Ion:114 Resp: 845756
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 31.6
 88 17.4 0.0 33.4

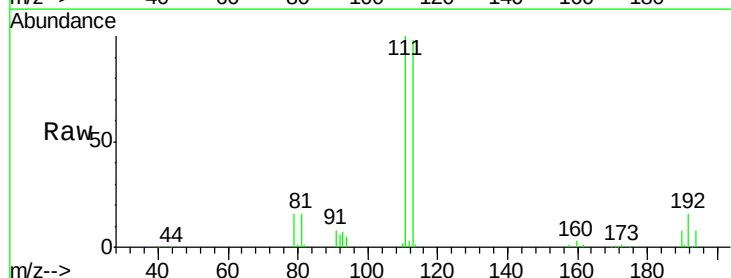


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

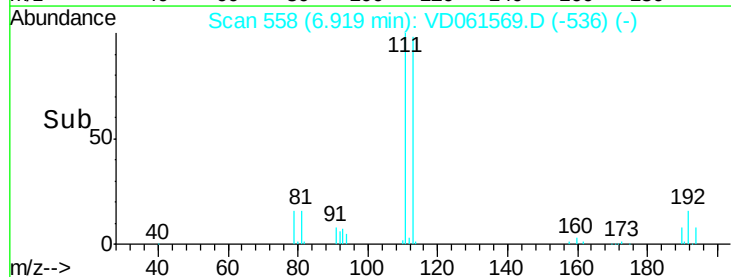
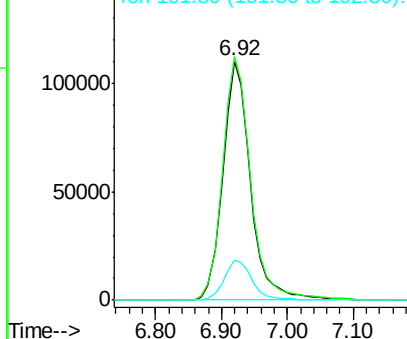


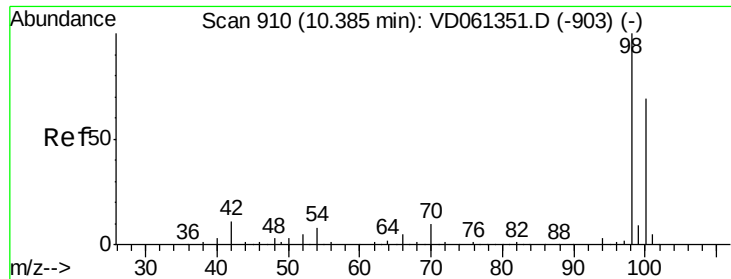
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.02 min
 Lab File: VD061569.D
 Acq: 3 Apr 2019 21:34

Tgt Ion:113 Resp: 322584
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.0 121.6
 192 16.6 14.4 21.6



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

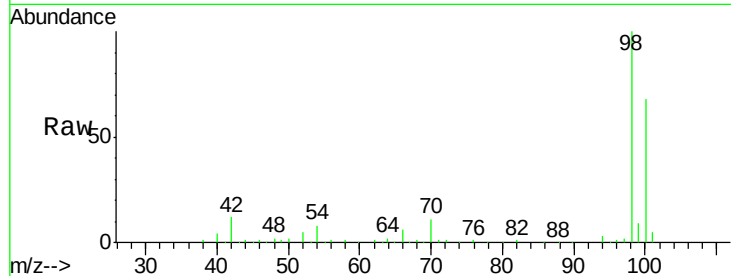




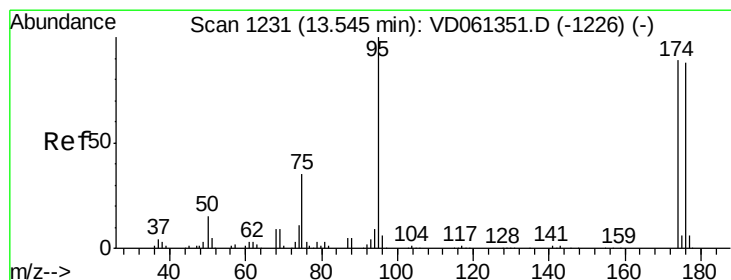
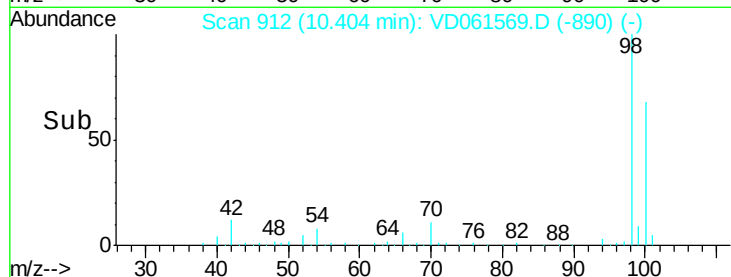
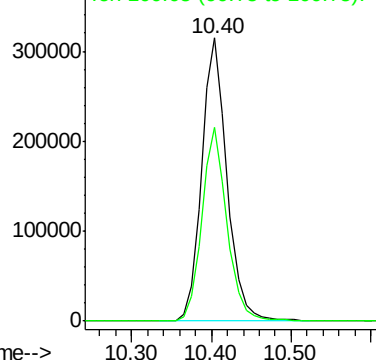
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.02 min
Lab File: VD061569.D
Acq: 3 Apr 2019 21:34

Instrument :
MSVOA_D
ClientSampleId :
S9C(6)

Tot Ion: 98 Resp: 698556
Ion Ratio Lower Upper
98 100
100 68.3 56.2 84.2

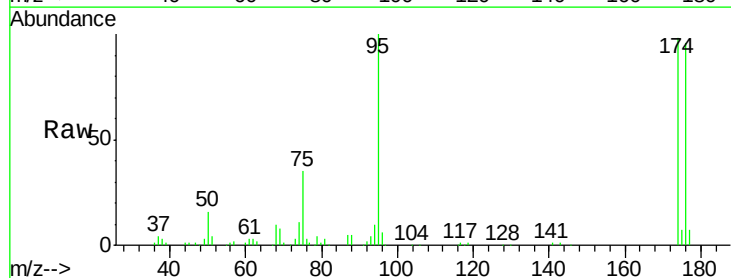


Abundance Ion 98.05 (97.75 to 98.75): VD061351.D (-903) (-)
Ion 100.05 (99.75 to 100.75): VD061351.D (-903) (-)

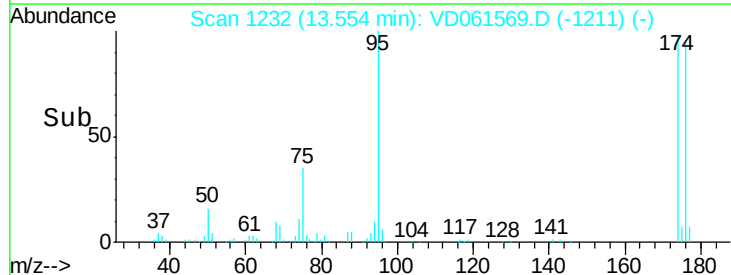
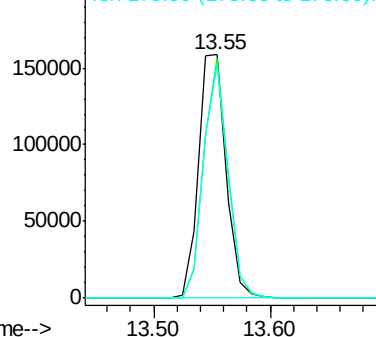


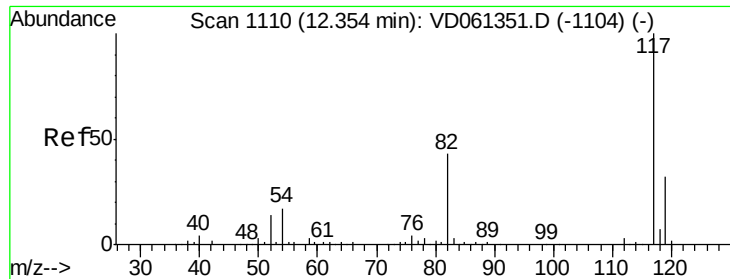
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD061569.D
Acq: 3 Apr 2019 21:34

Tgt Ion: 95 Resp: 259455
Ion Ratio Lower Upper
95 100
174 98.3 0.0 178.0
176 95.8 0.0 175.0



Abundance Ion 95.00 (94.70 to 95.70): VD061351.D (-1226) (-)
Ion 173.90 (173.60 to 174.60): VD061351.D (-1226) (-)
Ion 175.90 (175.60 to 176.60): VD061351.D (-1226) (-)

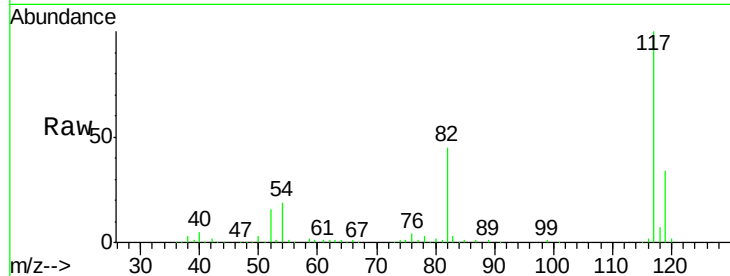




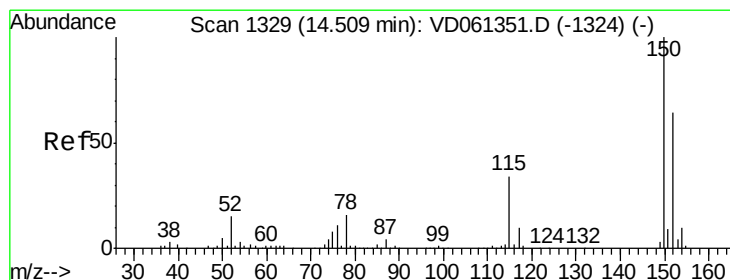
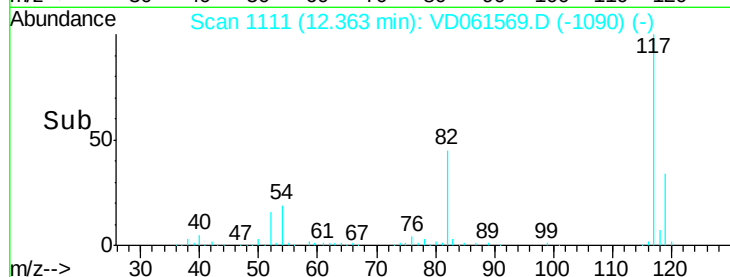
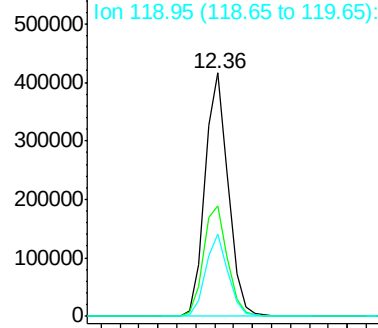
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061569.D
Acq: 3 Apr 2019 21:34

Instrument :
MSVOA_D
ClientSampled :
S9C(6)

Tot Ion:117 Resp: 705072
Ion Ratio Lower Upper
117 100
82 45.3 34.4 51.6
119 33.6 25.8 38.6

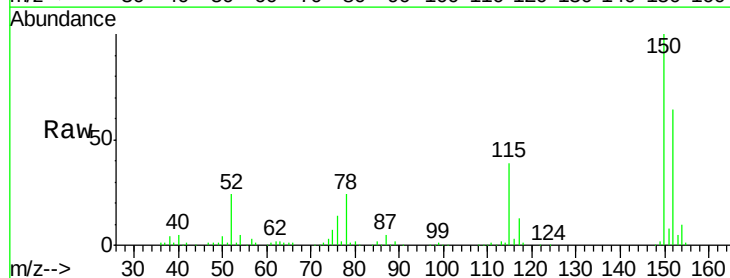


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD061569.D
Acq: 3 Apr 2019 21:34

Tgt Ion:152 Resp: 300345
Ion Ratio Lower Upper
152 100
115 60.3 26.9 80.6
150 155.3 0.0 318.0



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

