

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040219\
 Data File : VD061520.D
 Acq On : 2 Apr 2019 17:57
 Operator : VA/AP
 Sample : K2185-01
 Misc : 5.24g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P-4-OW(0-10)

Quant Time: Apr 03 02:46:55 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

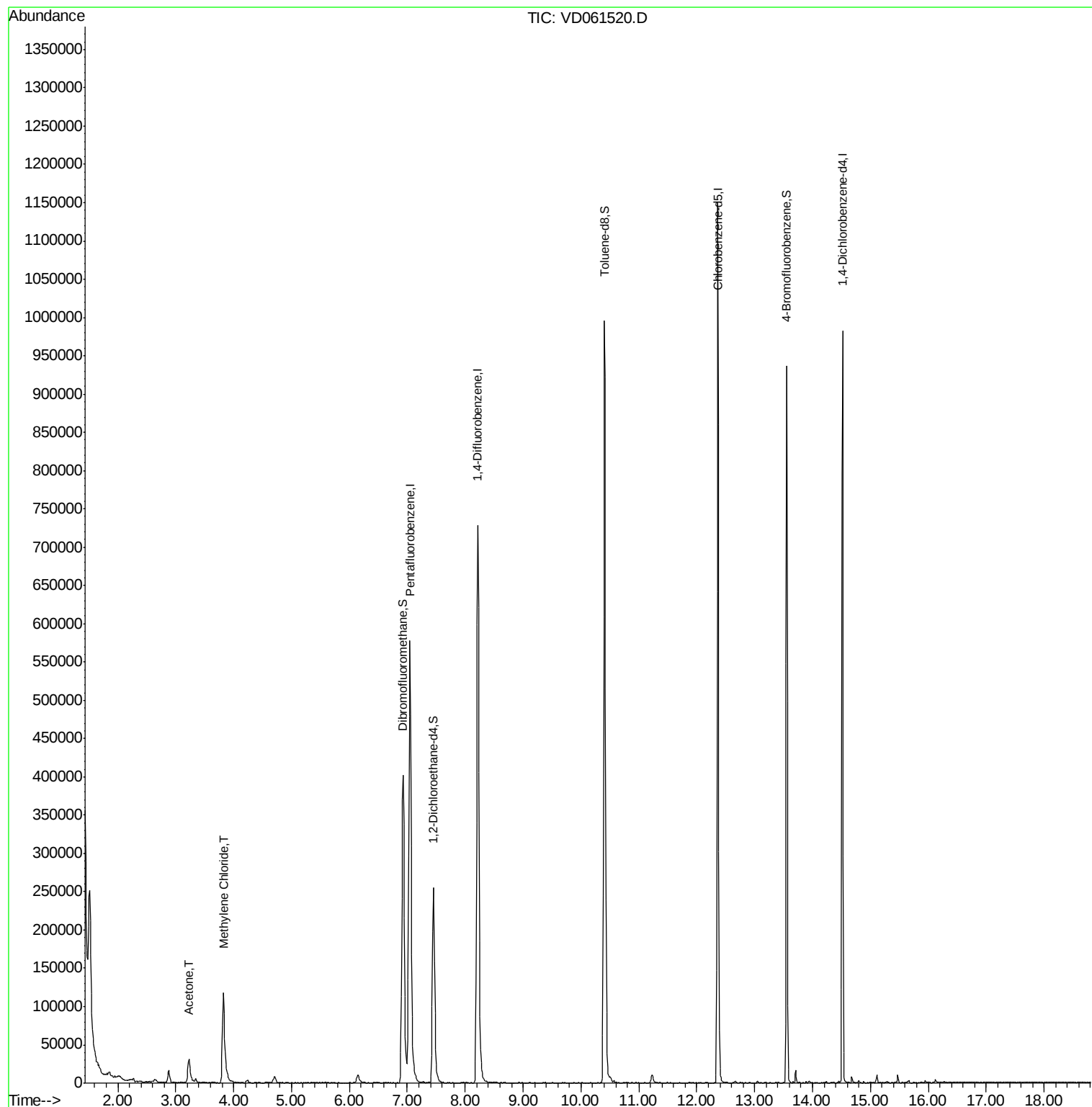
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	580655	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	946210	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.36	117	724543	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	238189	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	254425	51.29	ug/l	0.02
Spiked Amount 50.000			Recovery	=	102.58%	
35) Dibromofluoromethane	6.93	113	394174	54.51	ug/l	0.03
Spiked Amount 50.000			Recovery	=	109.02%	
50) Toluene-d8	10.40	98	869244	50.12	ug/l	0.02
Spiked Amount 50.000			Recovery	=	100.24%	
62) 4-Bromofluorobenzene	13.55	95	293350	44.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.22%	
Target Compounds						
16) Acetone	3.23	43	68358	53.610	ug/l	100
20) Methylene Chloride	3.82	84	93999	11.688	ug/l	97

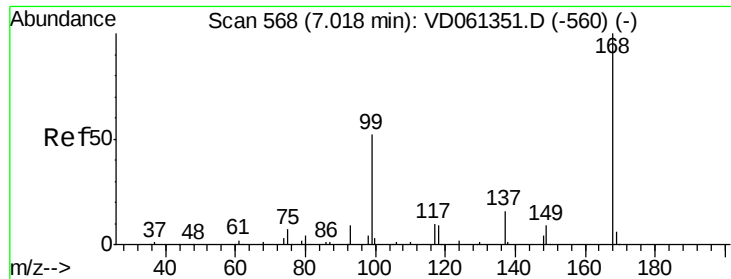
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.03 min

Lab File: VD061520.D

Acq: 2 Apr 2019 17:57

Instrument :

MSVOA_D

ClientSampleId :

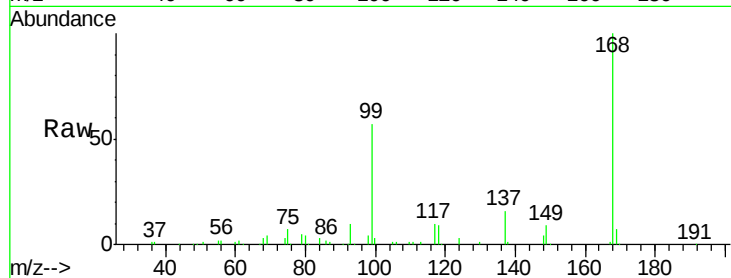
P-4-OW(0-10)

Tot Ion:168 Resp: 580655

Ion Ratio Lower Upper

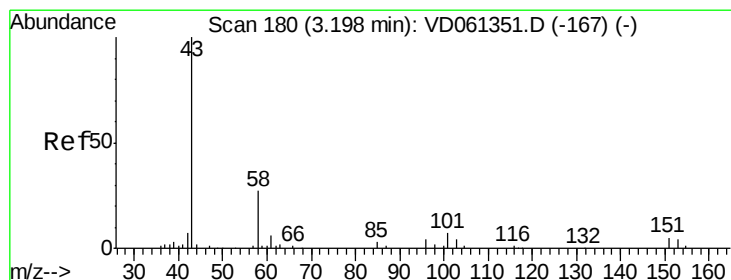
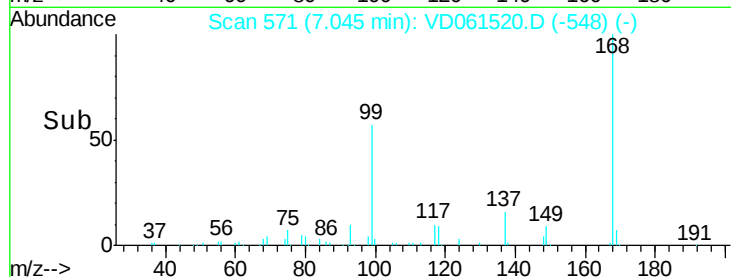
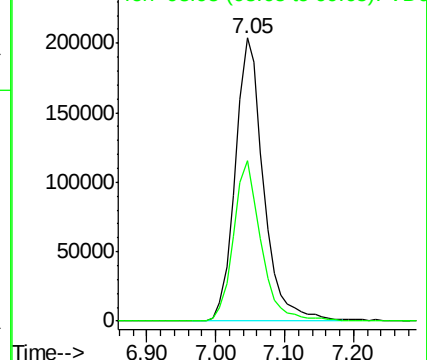
168 100

99 56.9 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: 53.610 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.03 min

Lab File: VD061520.D

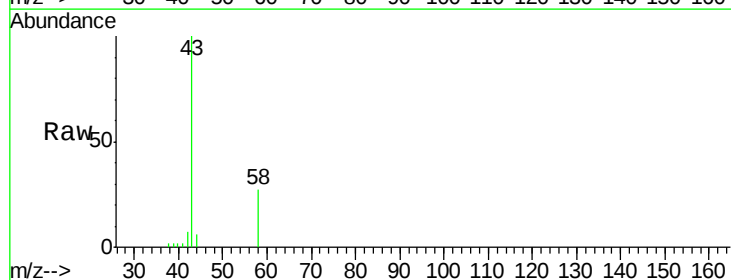
Acq: 2 Apr 2019 17:57

Tgt Ion: 43 Resp: 68358

Ion Ratio Lower Upper

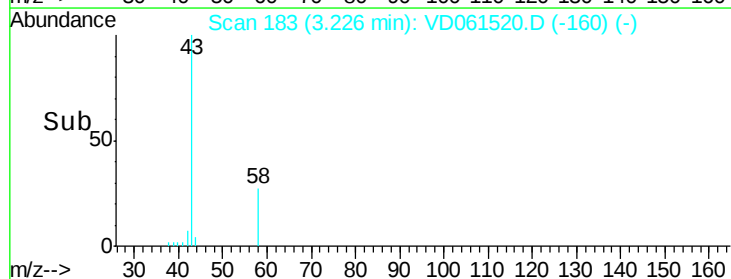
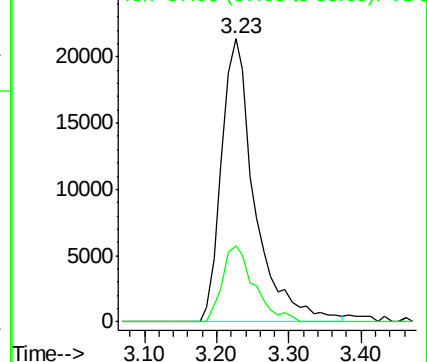
43 100

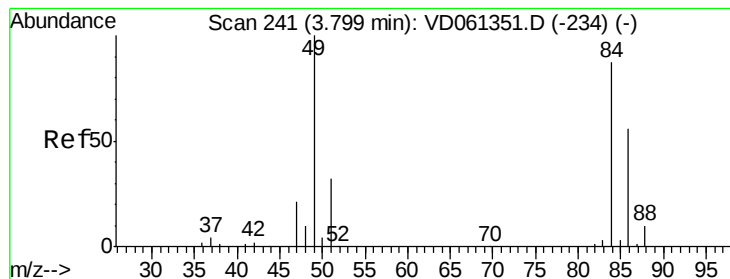
58 26.7 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 11.688 ug/l

RT: 3.82 min Scan# 243

Delta R.T. 0.02 min

Lab File: VD061520.D

Acq: 2 Apr 2019 17:57

Instrument :

MSVOA_D

ClientSampleId :

P-4-OW(0-10)

Tot Ion: 84 Resp: 93999

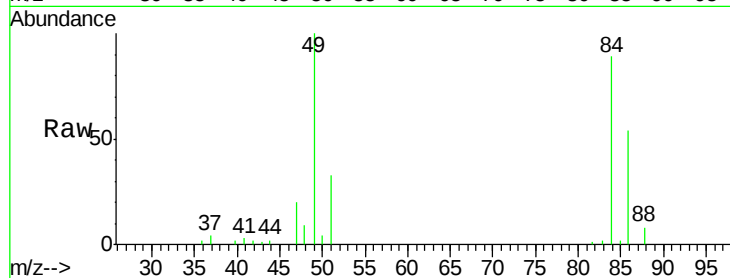
Ion Ratio Lower Upper

84 100

49 112.2 91.8 137.8

51 37.1 29.8 44.8

86 60.3 51.8 77.6

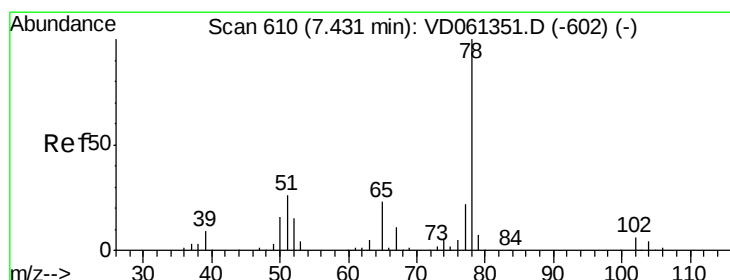
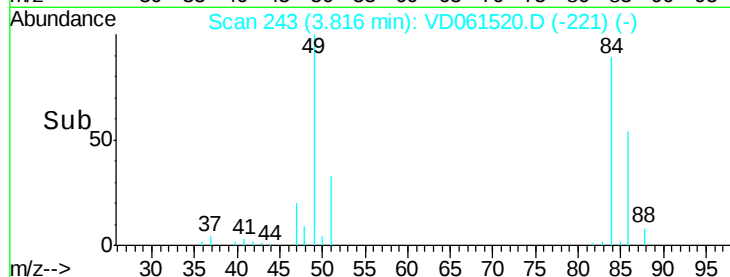
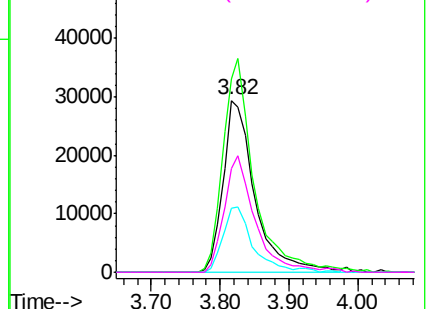


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 7.45 min Scan# 612

Delta R.T. 0.02 min

Lab File: VD061520.D

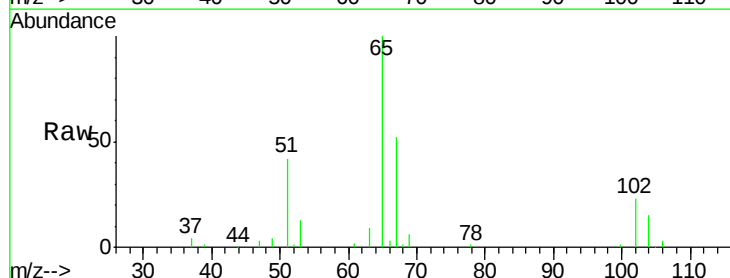
Acq: 2 Apr 2019 17:57

Tgt Ion: 65 Resp: 254425

Ion Ratio Lower Upper

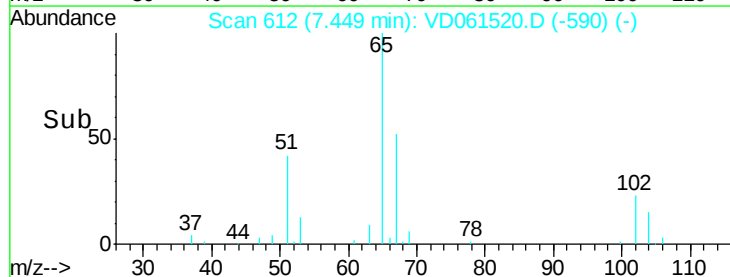
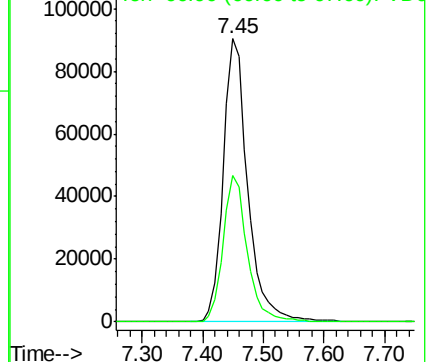
65 100

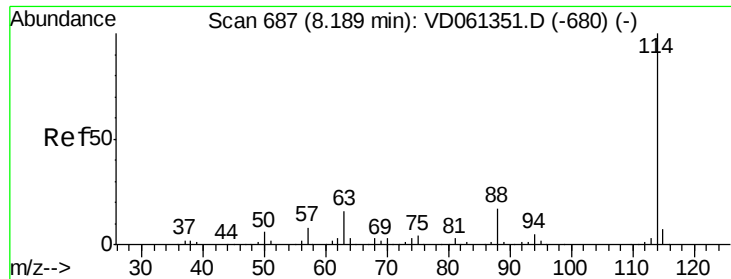
67 51.6 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

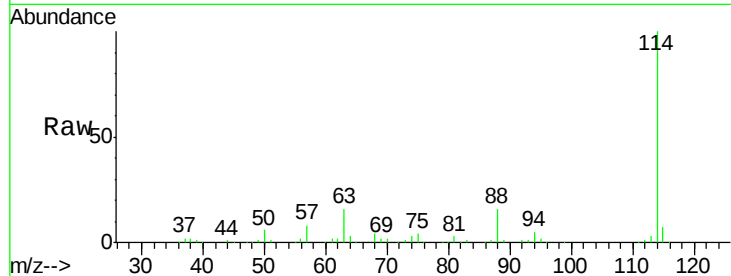




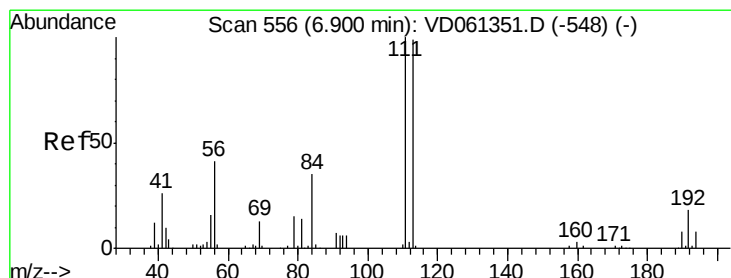
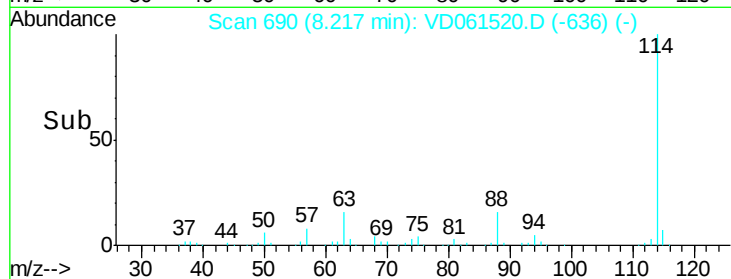
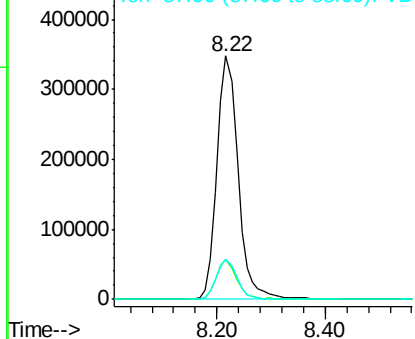
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.03 min
 Lab File: VD061520.D
 Acq: 2 Apr 2019 17:57

Instrument :
 MSVOA_D
 ClientSampleId :
 P-4-OW(0-10)

Tot Ion:114 Resp: 946210
 Ion Ratio Lower Upper
 114 100
 63 16.3 0.0 31.6
 88 16.3 0.0 33.4

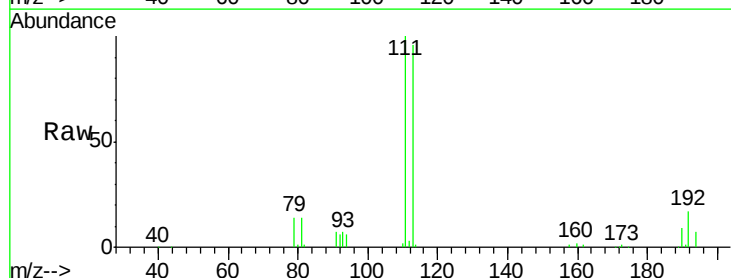


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

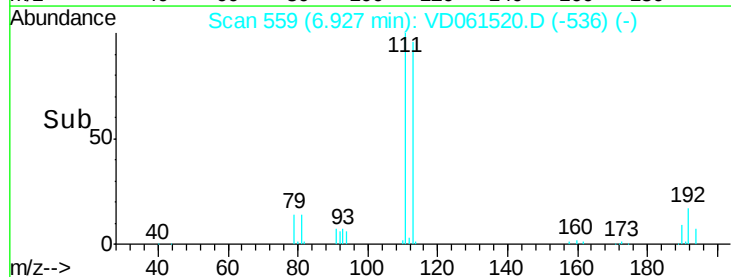
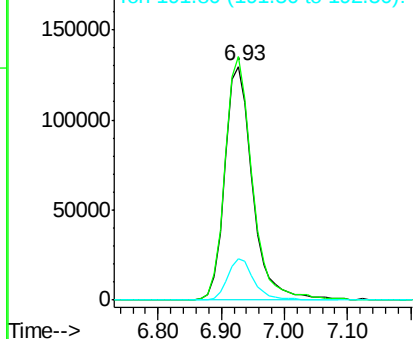


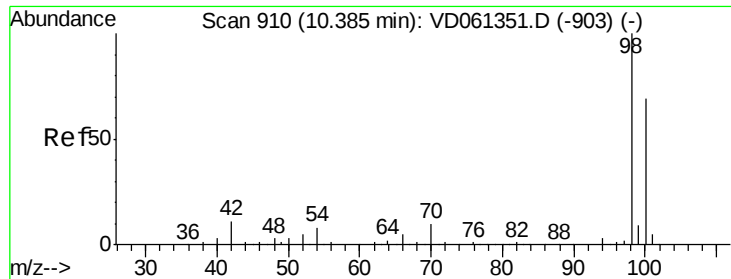
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.03 min
 Lab File: VD061520.D
 Acq: 2 Apr 2019 17:57

Tgt Ion:113 Resp: 394174
 Ion Ratio Lower Upper
 113 100
 111 104.1 81.0 121.6
 192 17.6 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

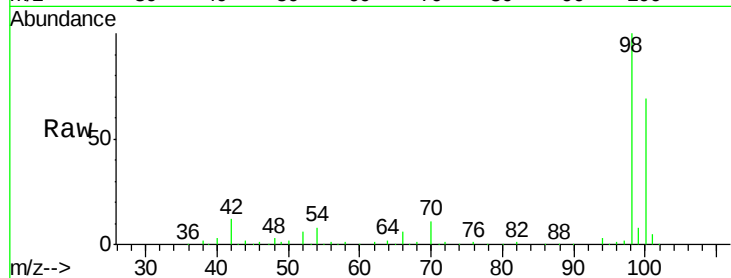




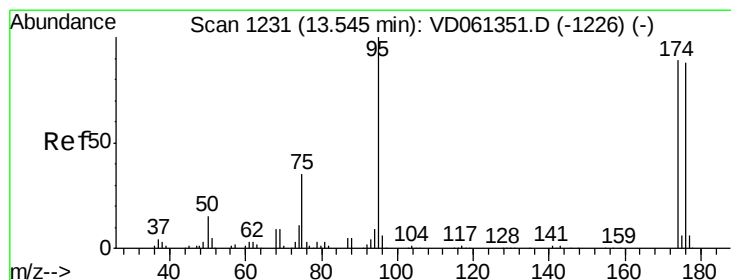
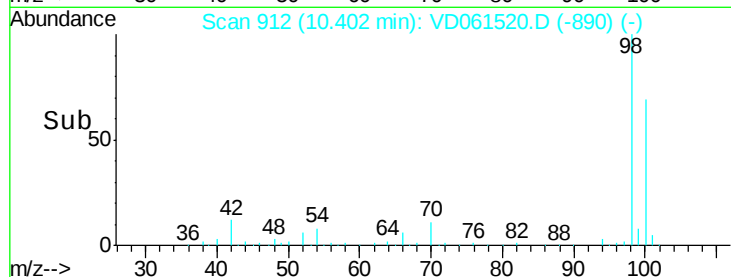
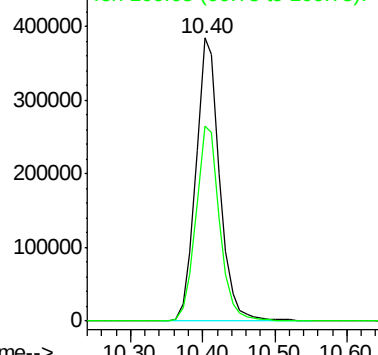
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.02 min
Lab File: VD061520.D
Acq: 2 Apr 2019 17:57

Instrument :
MSVOA_D
ClientSampleId :
P-4-OW(0-10)

Tot Ion: 98 Resp: 869244
Ion Ratio Lower Upper
98 100
100 69.1 56.2 84.2

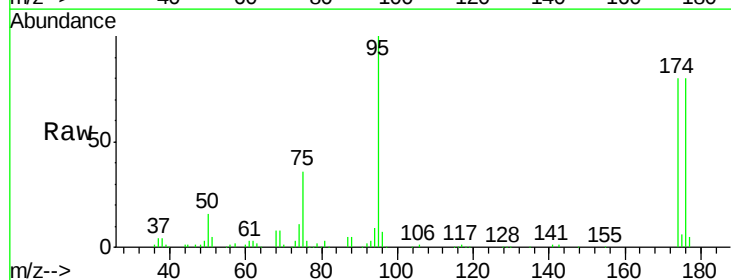


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

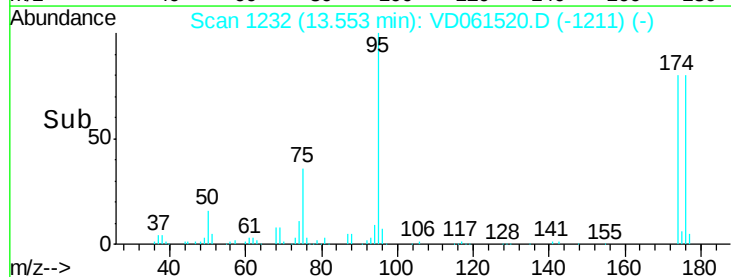
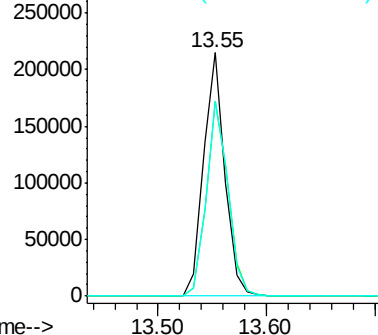


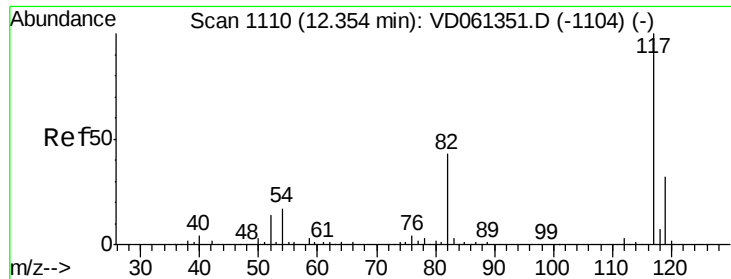
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD061520.D
Acq: 2 Apr 2019 17:57

Tgt Ion: 95 Resp: 293350
Ion Ratio Lower Upper
95 100
174 80.1 0.0 178.0
176 80.2 0.0 175.0



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

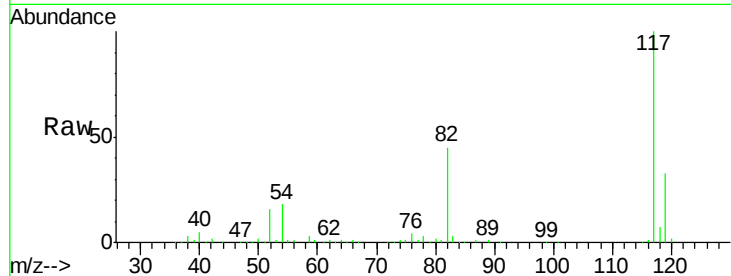




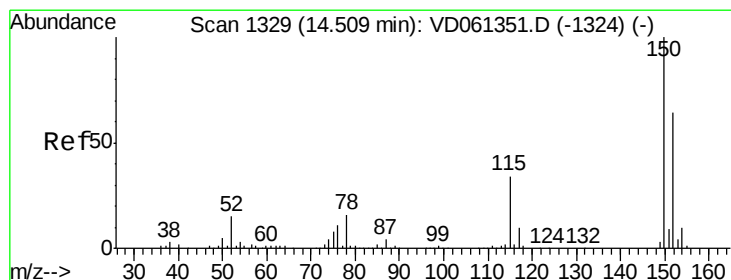
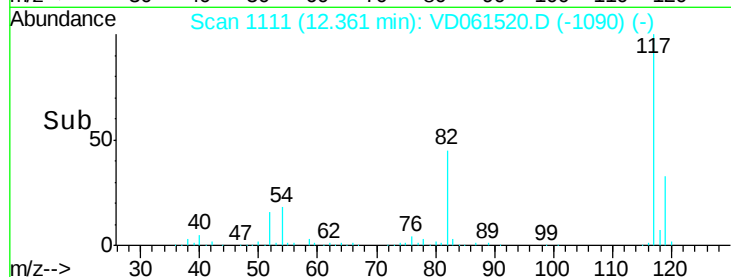
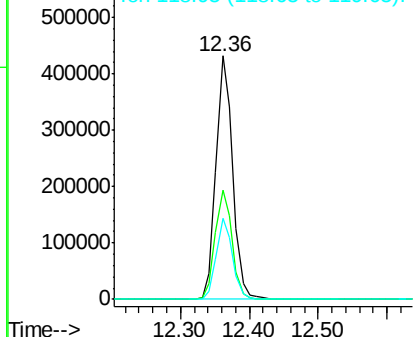
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061520.D
Acq: 2 Apr 2019 17:57

Instrument :
MSVOA_D
ClientSampleId :
P-4-OW(0-10)

Tot Ion:117 Resp: 724543
Ion Ratio Lower Upper
117 100
82 44.9 34.4 51.6
119 33.4 25.8 38.6

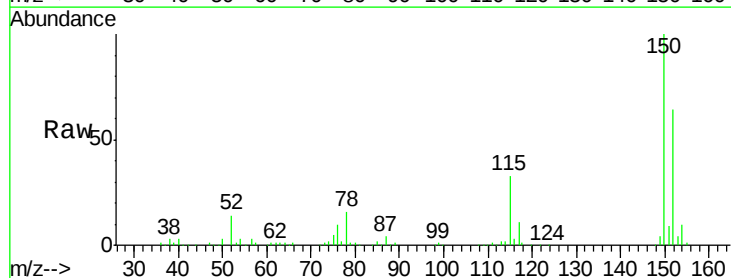


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD061520.D
Acq: 2 Apr 2019 17:57

Tgt Ion:152 Resp: 238189
Ion Ratio Lower Upper
152 100
115 52.6 26.9 80.6
150 157.1 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

