

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040219\
 Data File : VD061538.D
 Acq On : 3 Apr 2019 5:01
 Operator : VA/AP
 Sample : K2180-09
 Misc : 7.55g/5ml/MSVOA D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-6D1

Quant Time: Apr 03 06:45:42 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

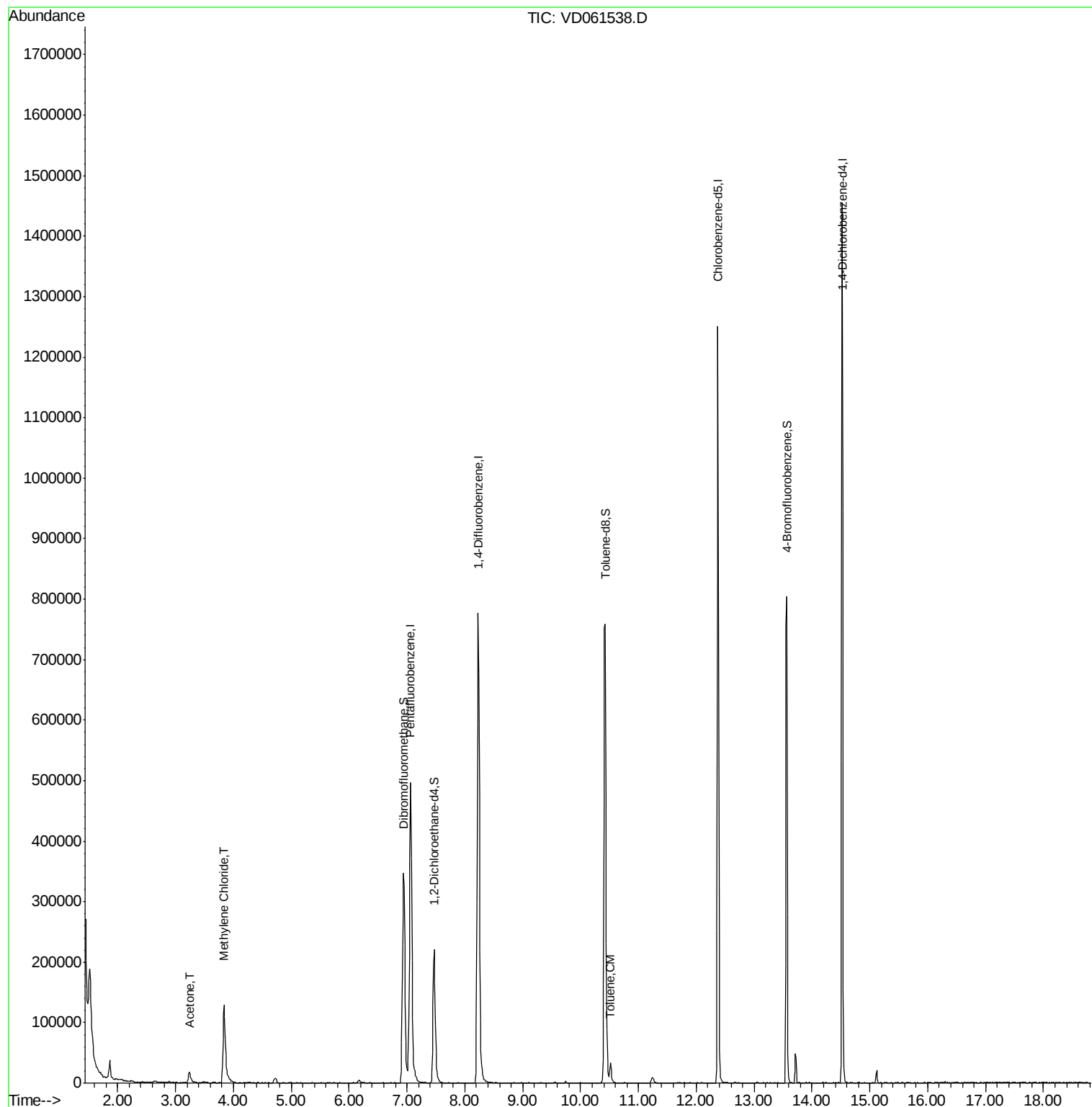
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	533702	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.23	114	984235	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.37	117	771633	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	333944	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	214038	46.95	ug/l	0.04
Spiked Amount 50.000			Recovery	=	93.90%	
35) Dibromofluoromethane	6.94	113	342962	45.60	ug/l	0.04
Spiked Amount 50.000			Recovery	=	91.20%	
50) Toluene-d8	10.42	98	702081	38.92	ug/l	0.04
Spiked Amount 50.000			Recovery	=	77.84%	
62) 4-Bromofluorobenzene	13.56	95	280887	40.60	ug/l	0.02
Spiked Amount 50.000			Recovery	=	81.20%	
Target Compounds						
16) Acetone	3.24	43	36317	30.987	ug/l	95
20) Methylene Chloride	3.84	84	102454	14.231	ug/l	98
52) Toluene	10.52	92	17994	1.368	ug/l	98

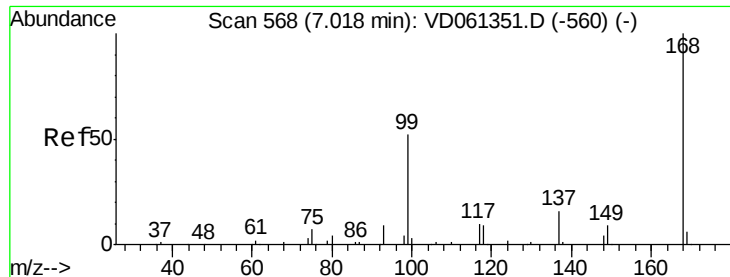
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.07 min Scan# 573

Delta R.T. 0.05 min

Lab File: VD061538.D

Acq: 3 Apr 2019 5:01

Instrument :

MSVOA_D

ClientSampleId :

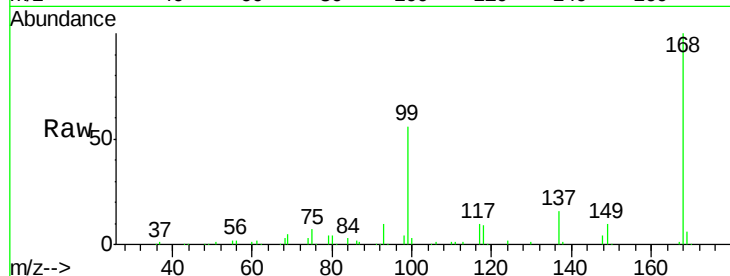
TP-6D1

Tot Ion:168 Resp: 533702

Ion Ratio Lower Upper

168 100

99 56.3 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.07

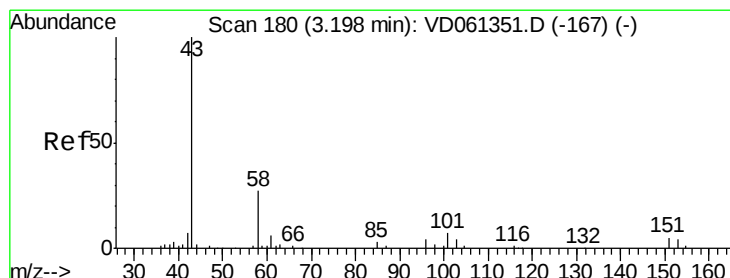
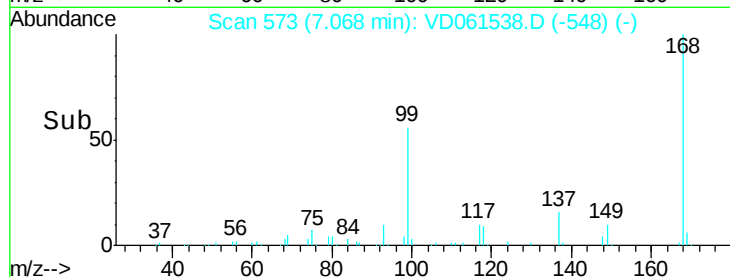
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 30.987 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.04 min

Lab File: VD061538.D

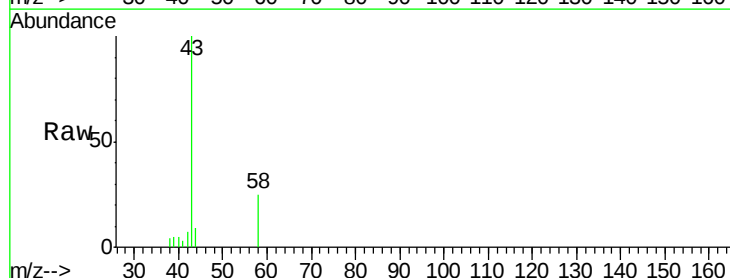
Acq: 3 Apr 2019 5:01

Tgt Ion: 43 Resp: 36317

Ion Ratio Lower Upper

43 100

58 24.5 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

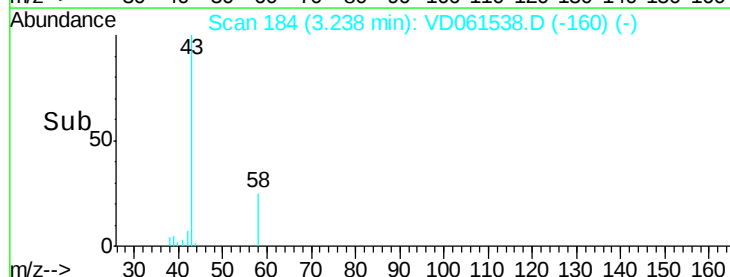
3.24

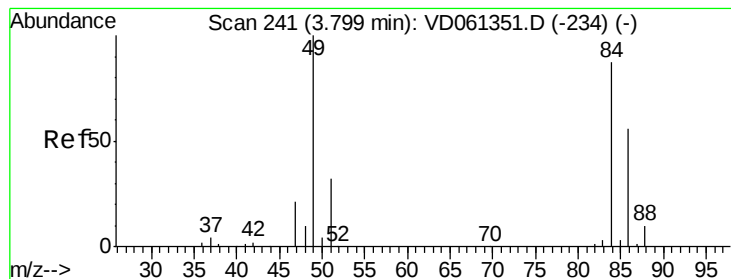
10000

5000

0

Time--> 3.10 3.20 3.30 3.40





#20

Methylene Chloride

Concen: 14.231 ug/l

RT: 3.84 min Scan# 245

Delta R.T. 0.04 min

Lab File: VD061538.D

Acq: 3 Apr 2019 5:01

Instrument :

MSVOA_D

ClientSampleId :

TP-6D1

Tot Ion: 84 Resp: 102454

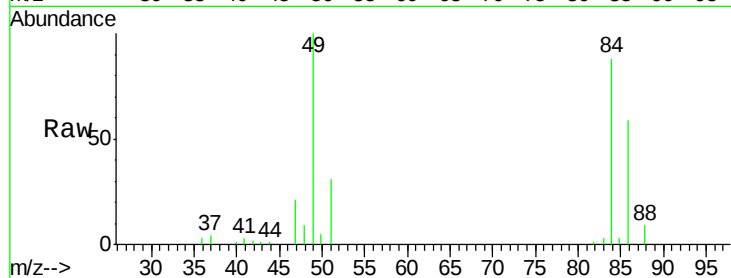
Ion Ratio Lower Upper

84 100

49 113.6 91.8 137.8

51 35.7 29.8 44.8

86 67.5 51.8 77.6

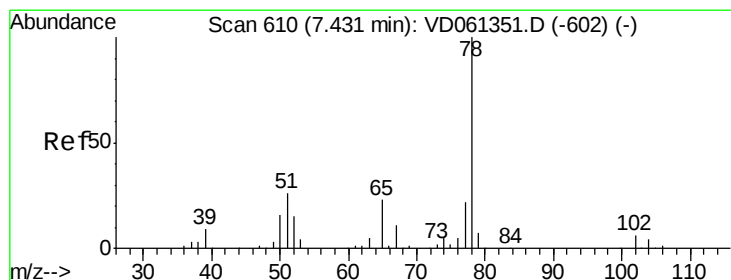
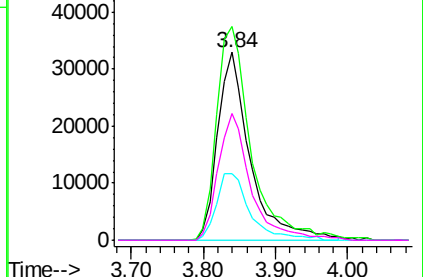
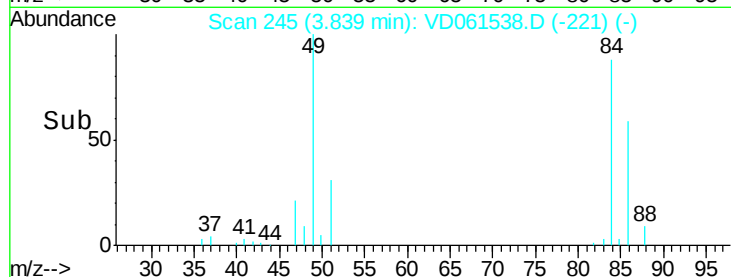


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 7.47 min Scan# 614

Delta R.T. 0.04 min

Lab File: VD061538.D

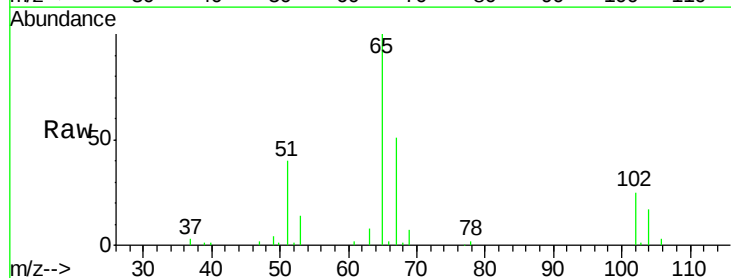
Acq: 3 Apr 2019 5:01

Tgt Ion: 65 Resp: 214038

Ion Ratio Lower Upper

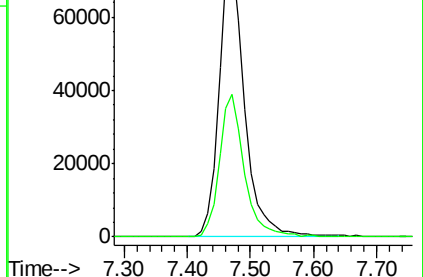
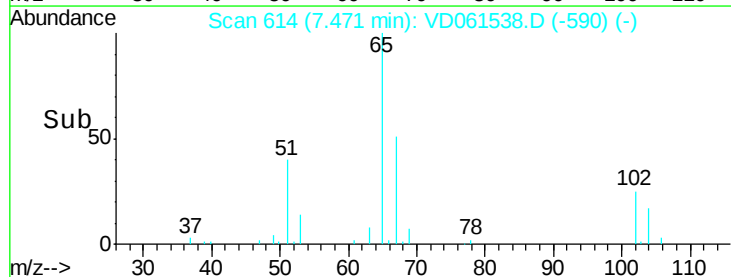
65 100

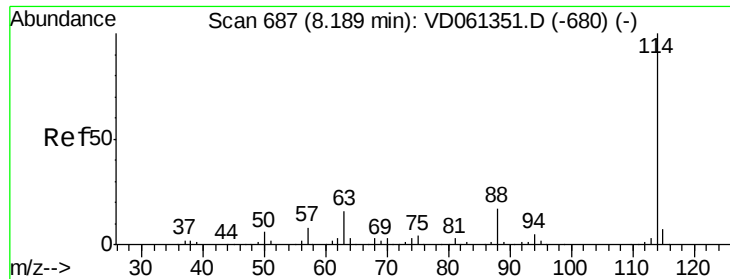
67 50.6 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

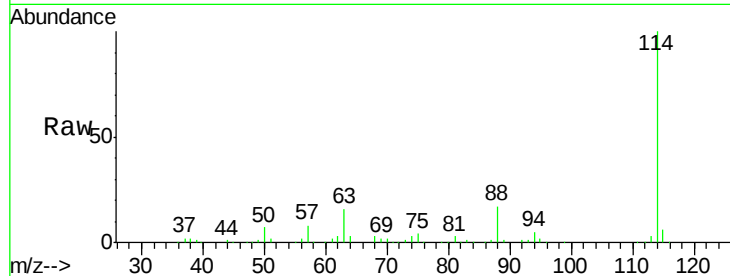




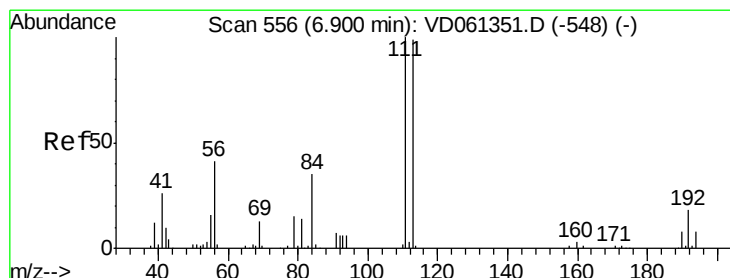
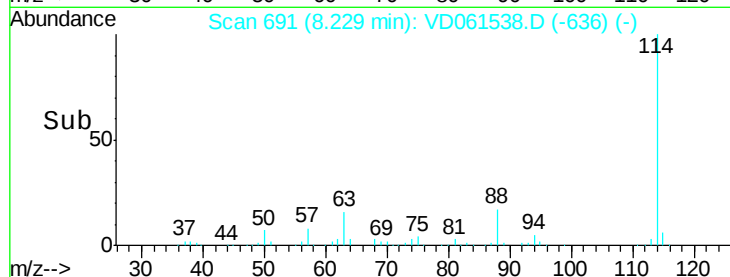
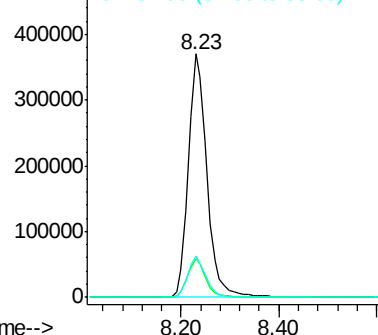
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.04 min
 Lab File: VD061538.D
 Acq: 3 Apr 2019 5:01

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-6D1

Tot Ion:114 Resp: 984235
 Ion Ratio Lower Upper
 114 100
 63 16.0 0.0 31.6
 88 17.3 0.0 33.4

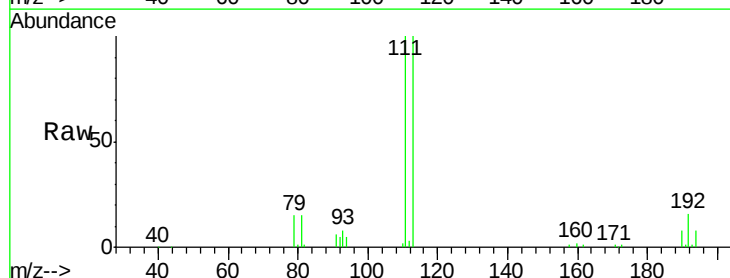


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

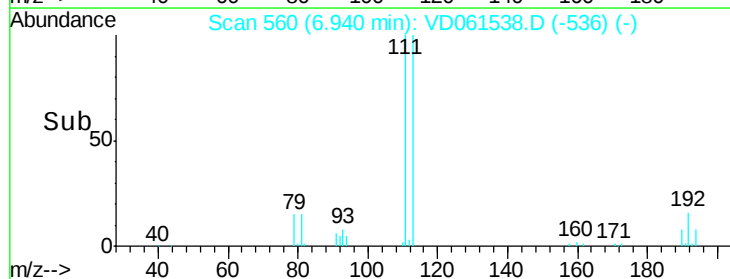
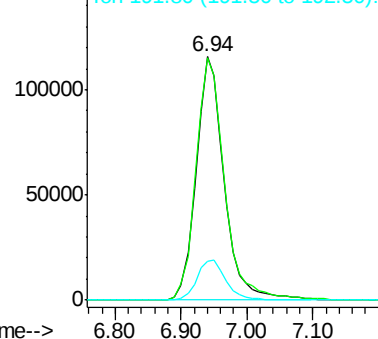


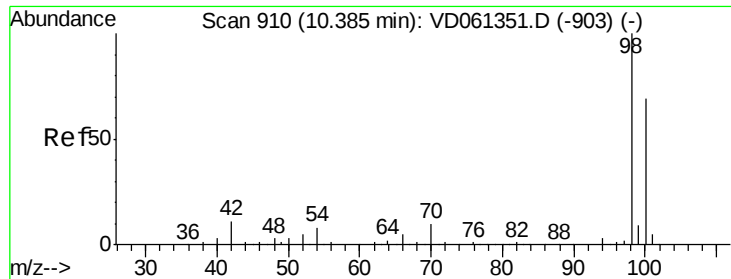
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.04 min
 Lab File: VD061538.D
 Acq: 3 Apr 2019 5:01

Tgt Ion:113 Resp: 342962
 Ion Ratio Lower Upper
 113 100
 111 99.6 81.0 121.6
 192 15.9 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

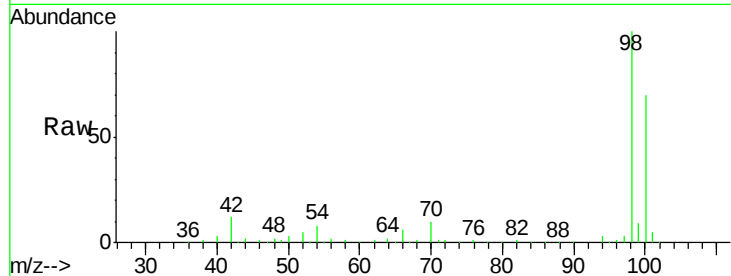




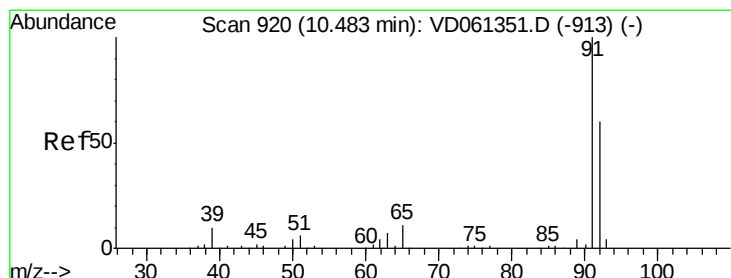
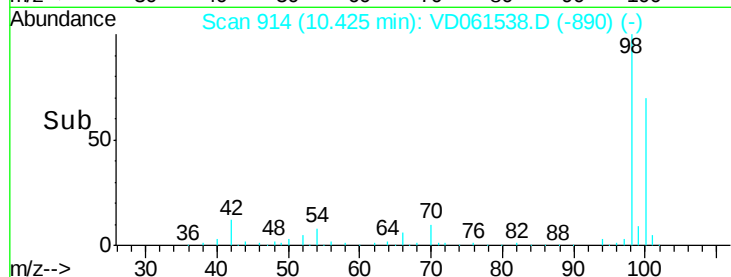
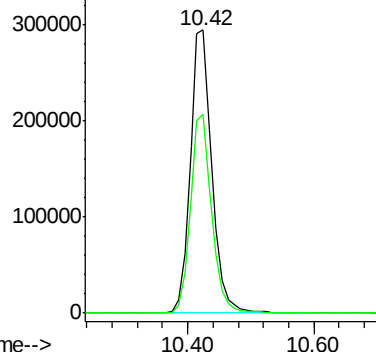
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.04 min
Lab File: VD061538.D
Acq: 3 Apr 2019 5:01

Instrument :
MSVOA_D
ClientSampleId :
TP-6D1

Tot Ion: 98 Resp: 702081
Ion Ratio Lower Upper
98 100
100 70.4 56.2 84.2

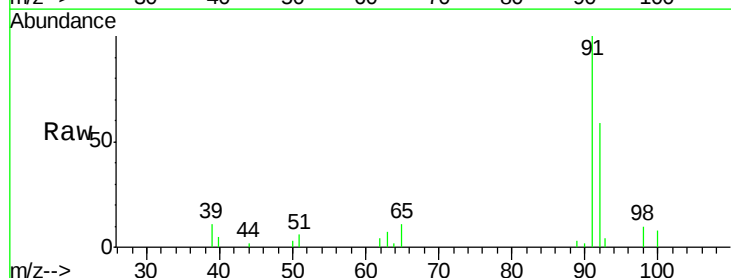


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

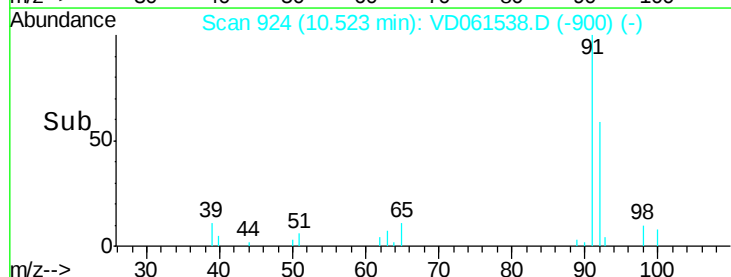
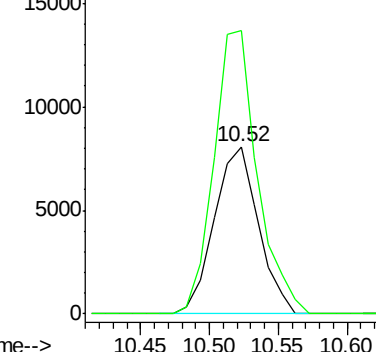


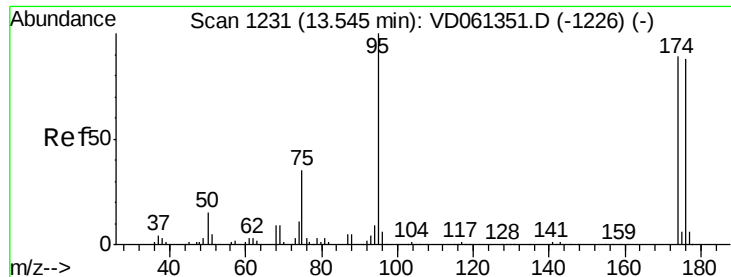
#52
Toluene
Concen: 1.368 ug/l
RT: 10.52 min Scan# 924
Delta R.T. 0.04 min
Lab File: VD061538.D
Acq: 3 Apr 2019 5:01

Tgt Ion: 92 Resp: 17994
Ion Ratio Lower Upper
92 100
91 169.5 133.3 199.9



Abundance Ion 92.00 (91.70 to 92.70): VDC
Ion 91.00 (90.70 to 91.70): VDC

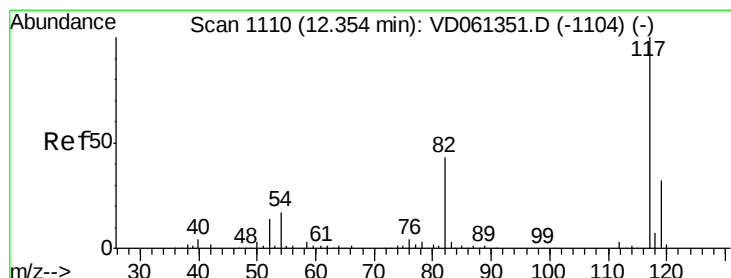
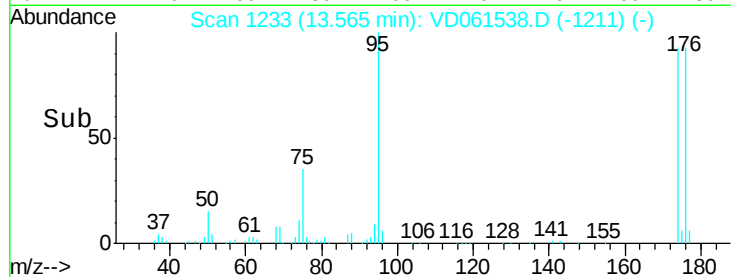
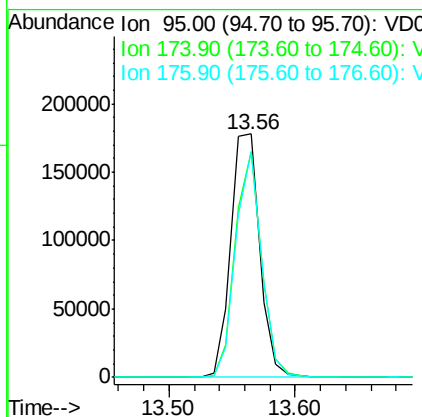
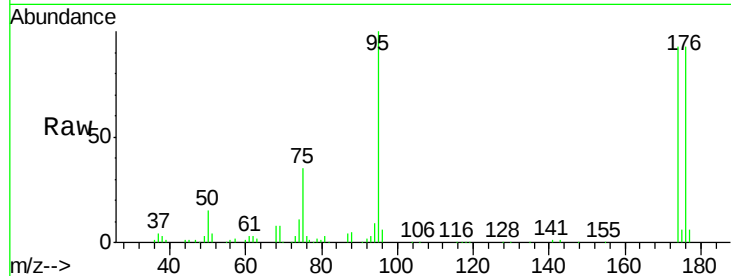




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.02 min
Lab File: VD061538.D
Acq: 3 Apr 2019 5:01

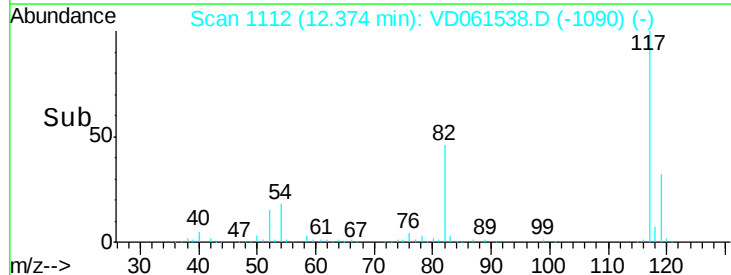
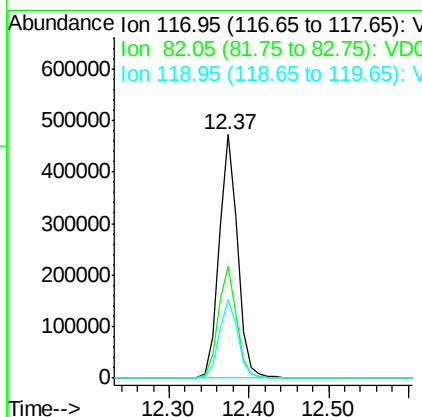
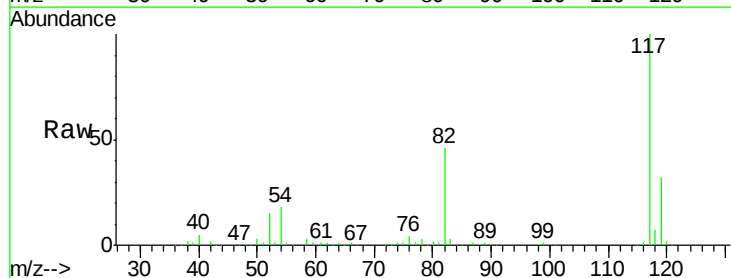
Instrument :
MSVOA_D
ClientSampleId :
TP-6D1

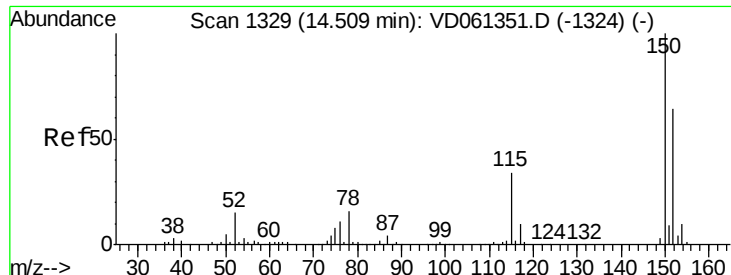
Tot Ion: 95 Resp: 280887
Ion Ratio Lower Upper
95 100
174 92.7 0.0 178.0
176 92.7 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.02 min
Lab File: VD061538.D
Acq: 3 Apr 2019 5:01

Tgt Ion: 117 Resp: 771633
Ion Ratio Lower Upper
117 100
82 45.8 34.4 51.6
119 32.1 25.8 38.6

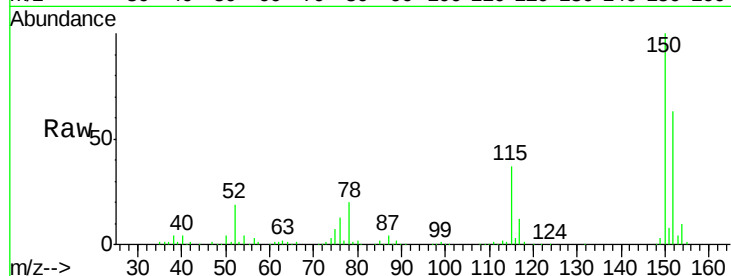




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VD061538.D
 Acq: 3 Apr 2019 5:01

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-6D1

Tot Ion:152 Resp: 333944
 Ion Ratio Lower Upper
 152 100
 115 58.6 26.9 80.6
 150 158.5 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

