

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040819\
 Data File : VD061665.D
 Acq On : 8 Apr 2019 22:16
 Operator : VA/AP
 Sample : K2317-16
 Misc : 5.51g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-3

Quant Time: Apr 09 02:49:20 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

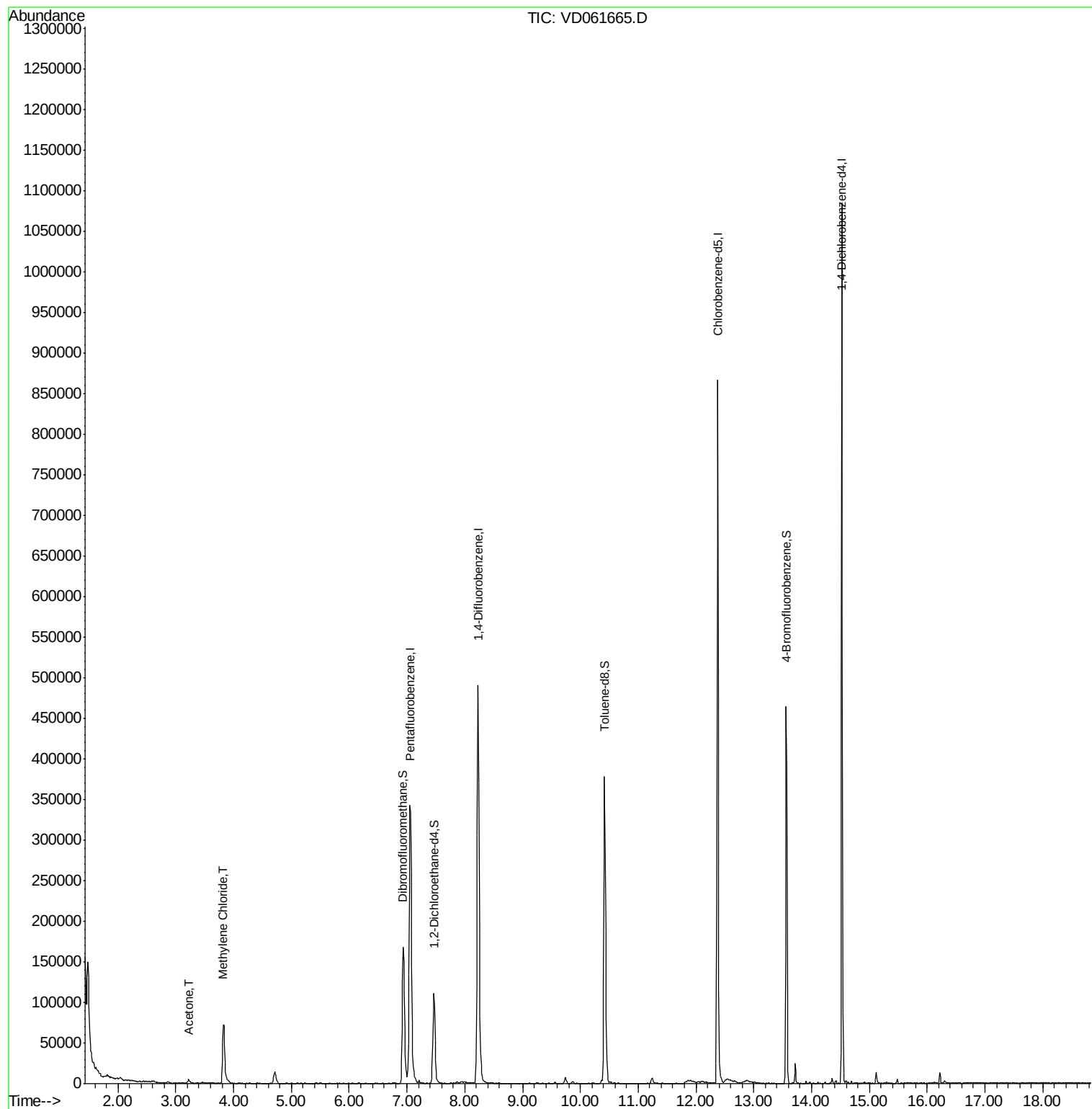
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	361319	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	614268	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.38	117	525652	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	244567	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	107535	39.26	ug/l	0.01
Spiked Amount 50.000			Recovery	=	78.52%	
35) Dibromofluoromethane	6.93	113	158036	37.14	ug/l	0.01
Spiked Amount 50.000			Recovery	=	74.28%	
50) Toluene-d8	10.42	98	331108	30.97	ug/l	0.01
Spiked Amount 50.000			Recovery	=	61.94%	
62) 4-Bromofluorobenzene	13.56	95	151027	38.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.48%	
Target Compounds						
16) Acetone	3.22	43	8471	10.347	ug/l	97
20) Methylene Chloride	3.83	84	53253	11.463	ug/l	96

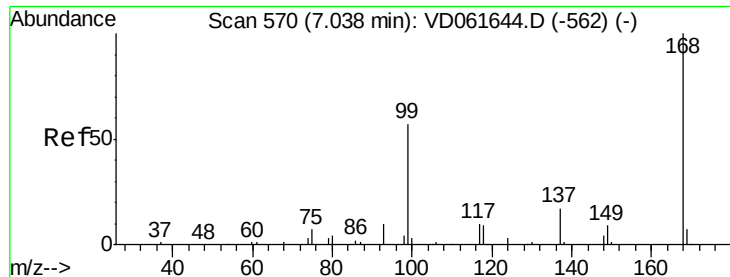
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.02 min

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Instrument :

MSVOA_D

ClientSampleId :

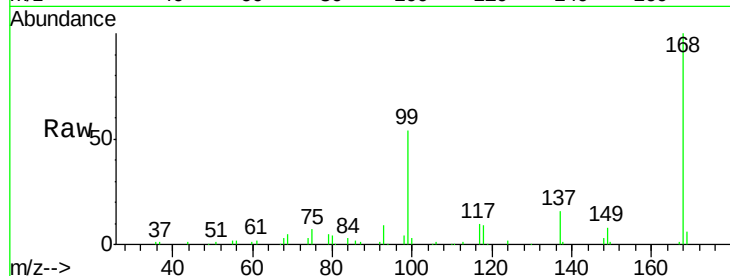
COMP-3

Tot Ion:168 Resp: 361319

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

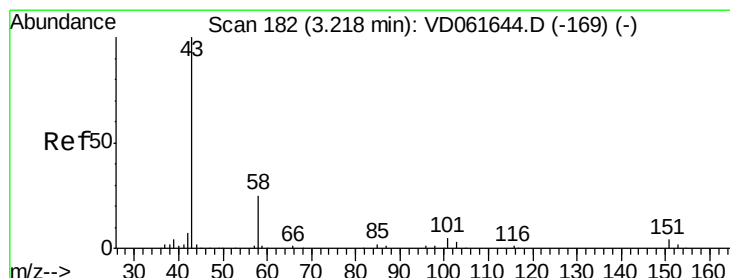
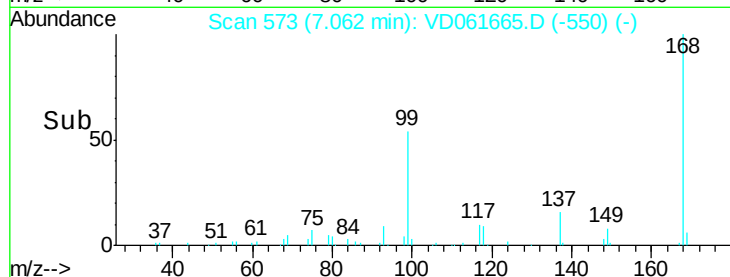
7.06

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 10.347 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.00 min

Lab File: VD061665.D

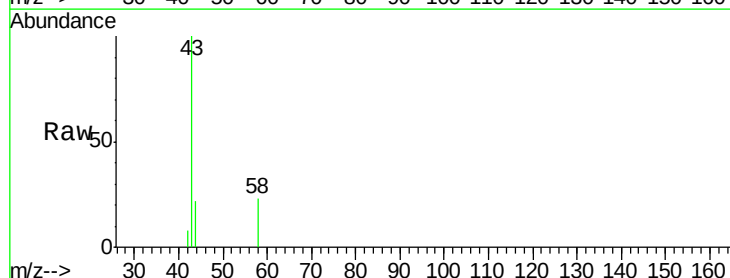
Acq: 8 Apr 2019 22:16

Tgt Ion: 43 Resp: 8471

Ion Ratio Lower Upper

43 100

58 23.1 19.7 29.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

4000

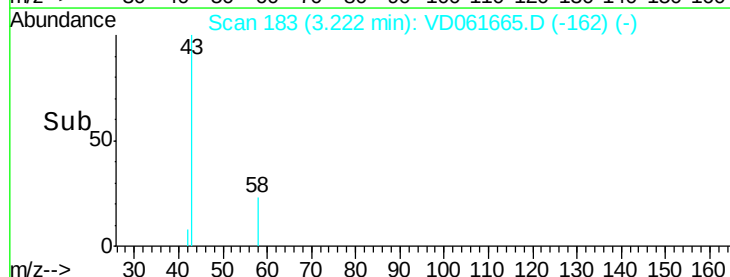
3000

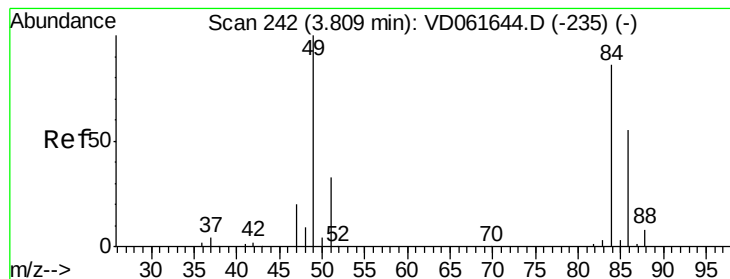
2000

1000

0

Time--> 3.15 3.20 3.25 3.30





#20

Methylene Chloride

Concen: 11.463 ug/l

RT: 3.83 min Scan# 245

Delta R.T. 0.02 min

Lab File: VD061665.D

Acq: 8 Apr 2019 22:16

Instrument :

MSVOA_D

ClientSampleId :

COMP-3

Tot Ion: 84 Resp: 53253

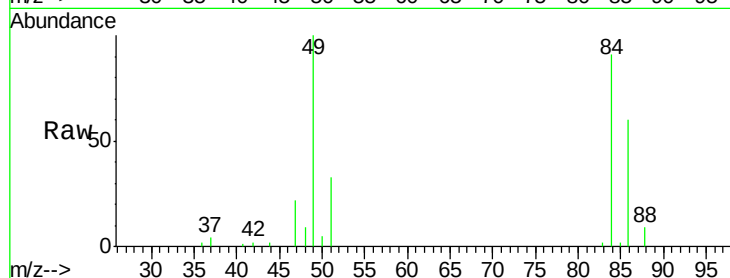
Ion Ratio Lower Upper

84 100

49 110.1 93.0 139.4

51 36.0 30.4 45.6

86 65.6 51.0 76.4

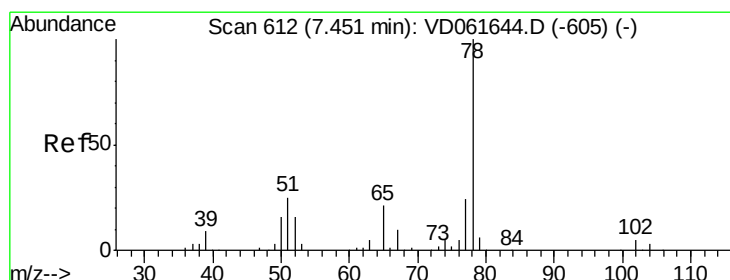
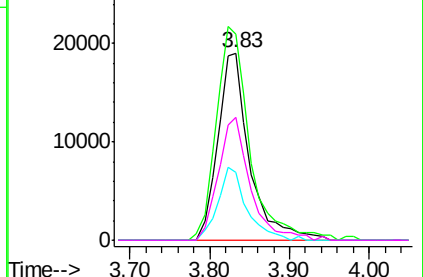
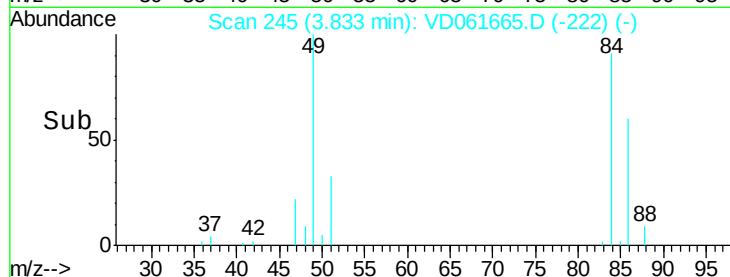


Abundance Ion 83.95 (83.65 to 84.65): VDC

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. 0.01 min

Lab File: VD061665.D

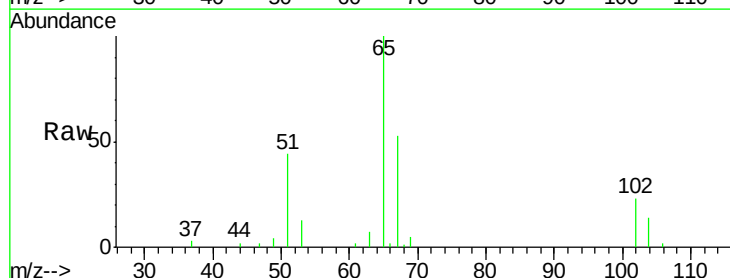
Acq: 8 Apr 2019 22:16

Tgt Ion: 65 Resp: 107535

Ion Ratio Lower Upper

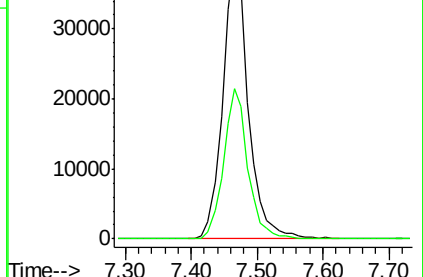
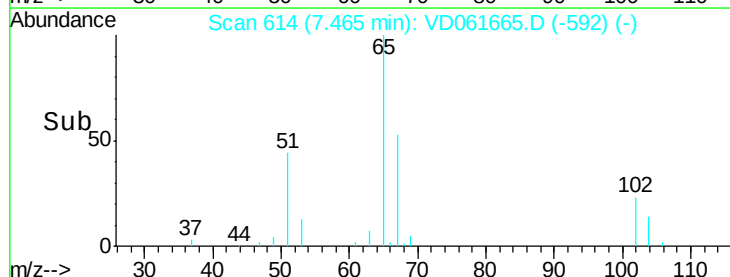
65 100

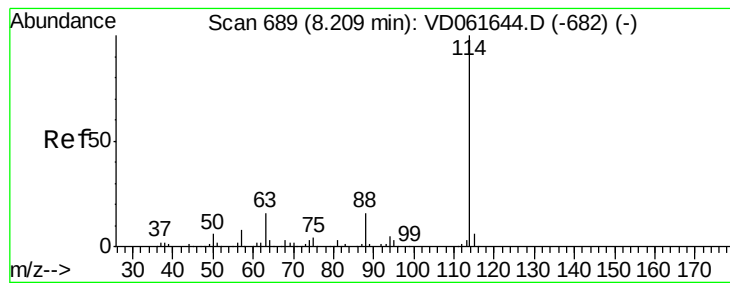
67 53.3 0.0 99.4



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# 692

Delta R.T. 0.02 min

Lab File: VD061665.D

Acq: 8 Apr 2019 22:16

Instrument :

MSVOA_D

ClientSampleId :

COMP-3

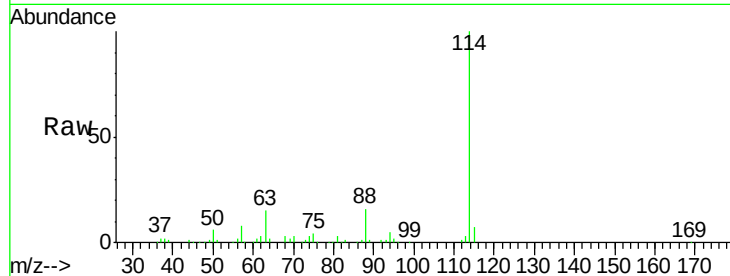
Tot Ion:114 Resp: 614268

Ion Ratio Lower Upper

114 100

63 15.4 0.0 31.2

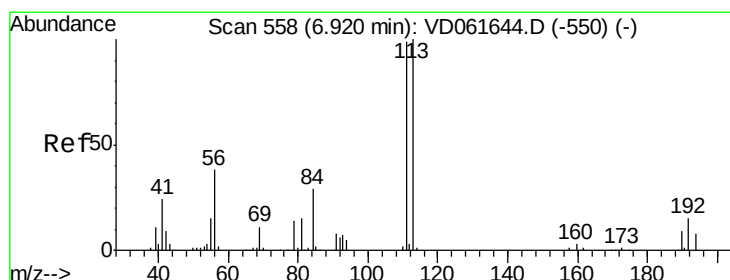
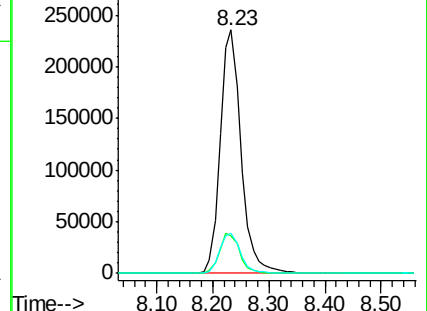
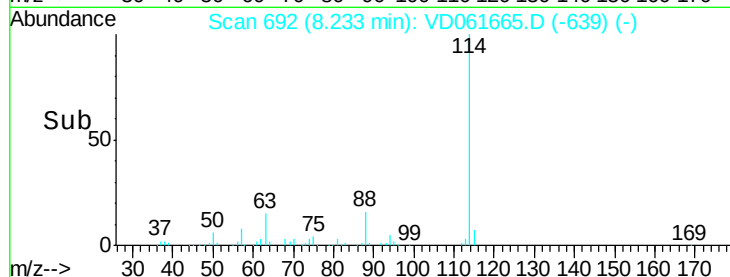
88 16.5 0.0 31.8



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: 6.93 min Scan# 560

Delta R.T. 0.01 min

Lab File: VD061665.D

Acq: 8 Apr 2019 22:16

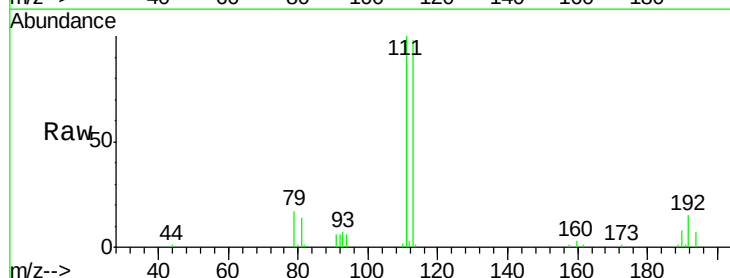
Tgt Ion:113 Resp: 158036

Ion Ratio Lower Upper

113 100

111 101.7 79.3 118.9

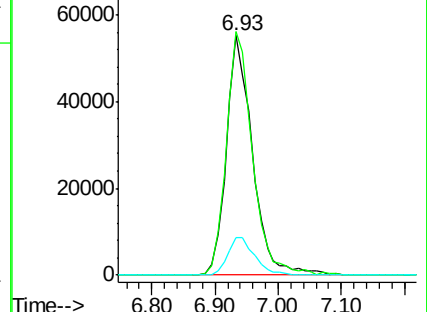
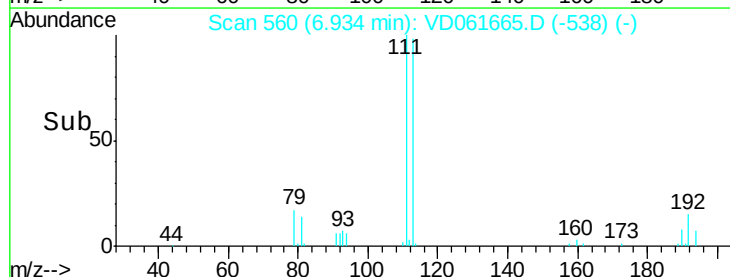
192 15.5 12.3 18.5

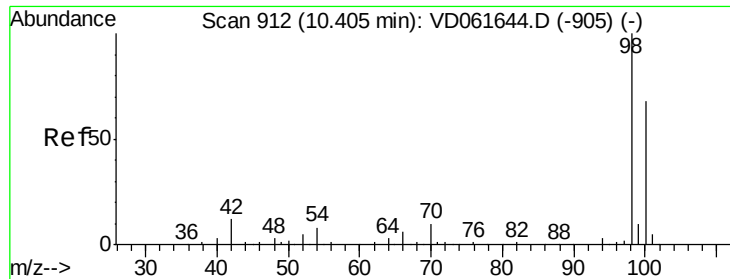


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

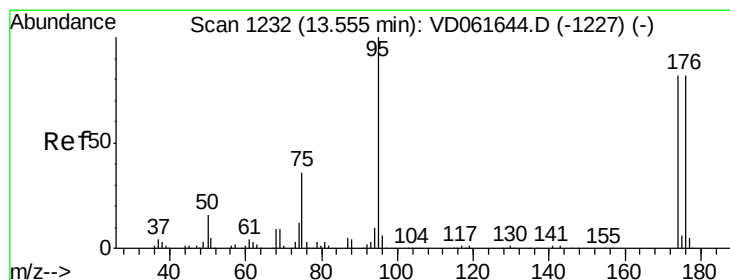
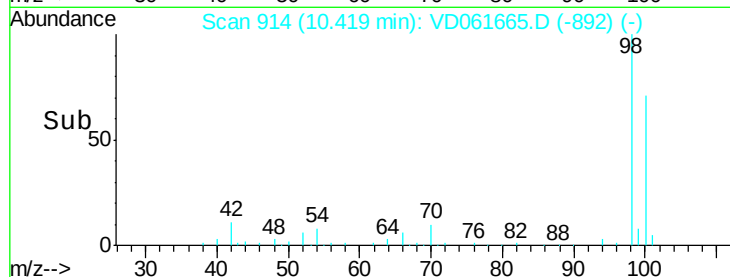
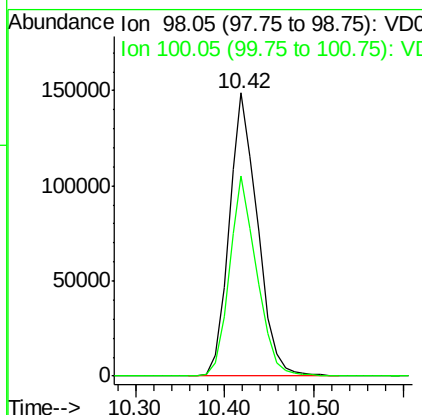
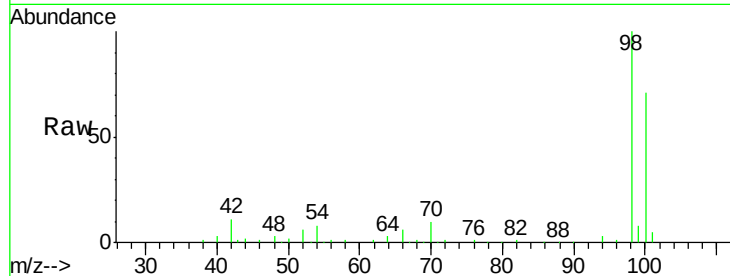




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD061665.D
Acq: 8 Apr 2019 22:16

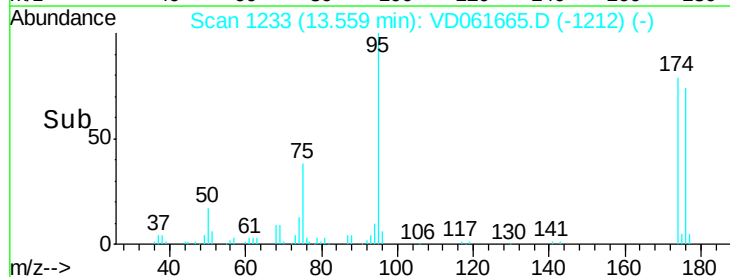
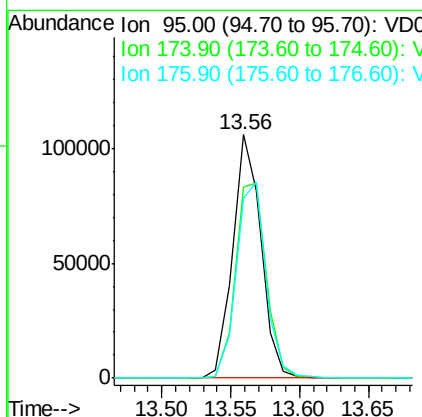
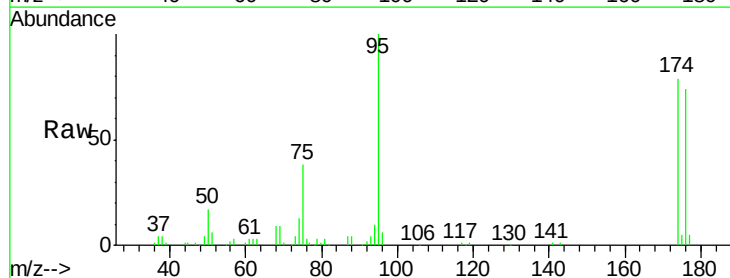
Instrument :
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COMP-3

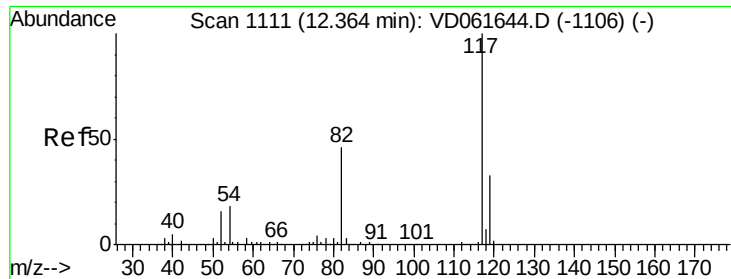
Tot Ion: 98 Resp: 331108
Ion Ratio Lower Upper
98 100
100 70.5 55.4 83.0



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VD061665.D
Acq: 8 Apr 2019 22:16

Tgt Ion: 95 Resp: 151027
Ion Ratio Lower Upper
95 100
174 78.6 0.0 164.6
176 73.6 0.0 165.0

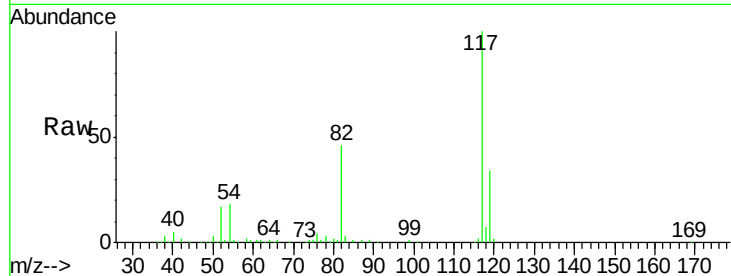




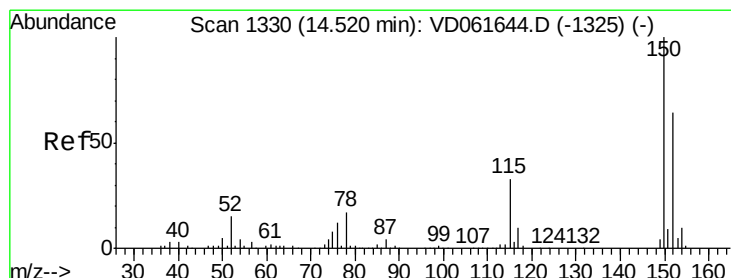
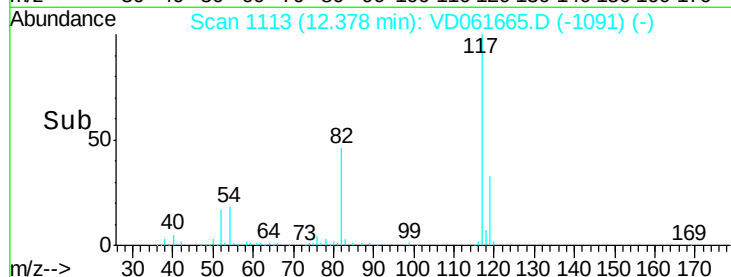
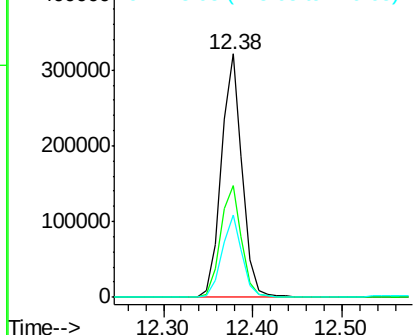
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VD061665.D
Acq: 8 Apr 2019 22:16

Instrument :
MSVOA_D
ClientSampleId :
COMP-3

Tot Ion:117 Resp: 525652
Ion Ratio Lower Upper
117 100
82 46.0 36.8 55.2
119 33.7 26.1 39.1

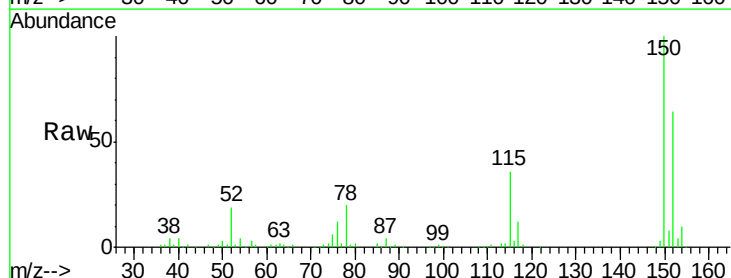


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.00 min
Lab File: VD061665.D
Acq: 8 Apr 2019 22:16

Tgt Ion:152 Resp: 244567
Ion Ratio Lower Upper
152 100
115 55.7 26.4 79.2
150 156.8 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

