

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040219\
 Data File : VD061548.D
 Acq On : 3 Apr 2019 9:38
 Operator : VA/AP
 Sample : K2219-01
 Misc : 3.82g/5ml/MSVOA D/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1-2-COMP

Quant Time: Apr 04 01:10:20 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

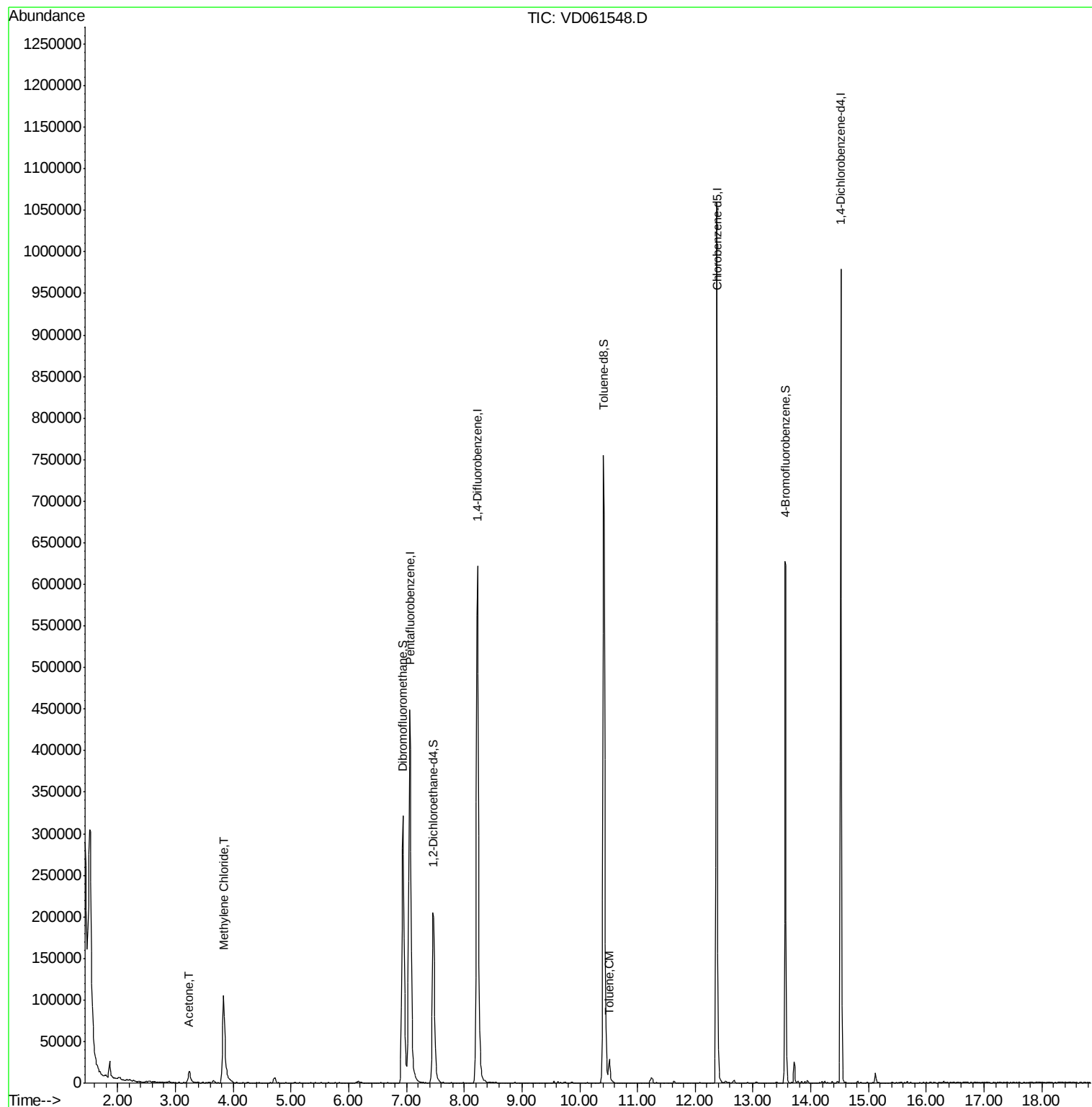
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	468339	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.23	114	781766	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.37	117	631714	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	216348	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	222695	55.66	ug/l	0.03
Spiked Amount 50.000			Recovery	=	111.32%	
35) Dibromofluoromethane	6.94	113	313761	52.52	ug/l	0.04
Spiked Amount 50.000			Recovery	=	105.04%	
50) Toluene-d8	10.41	98	670692	46.81	ug/l	0.03
Spiked Amount 50.000			Recovery	=	93.62%	
62) 4-Bromofluorobenzene	13.56	95	222608	40.51	ug/l	0.01
Spiked Amount 50.000			Recovery	=	81.02%	
Target Compounds						
16) Acetone	3.24	43	30565	29.719	ug/l	Qvalue 100
20) Methylene Chloride	3.84	84	83775	13.125	ug/l	97
52) Toluene	10.51	92	14581	1.396	ug/l	91

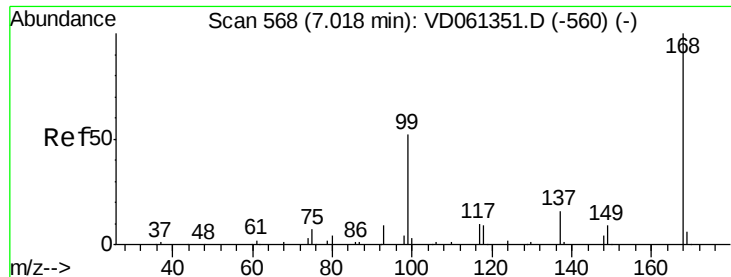
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.06 min Scan# 572

Delta R.T. 0.04 min

Lab File: VD061548.D

Acq: 3 Apr 2019 9:38

Instrument :

MSVOA_D

ClientSampleId :

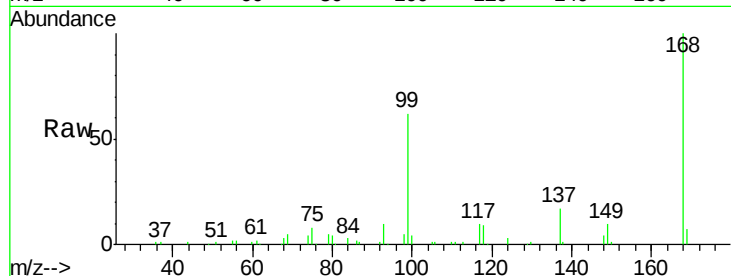
TP-1-2-COMP

Tot Ion:168 Resp: 468339

Ion Ratio Lower Upper

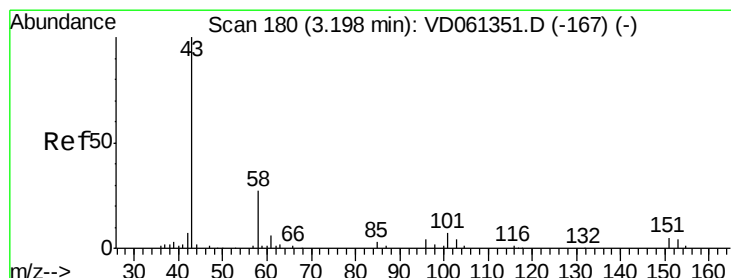
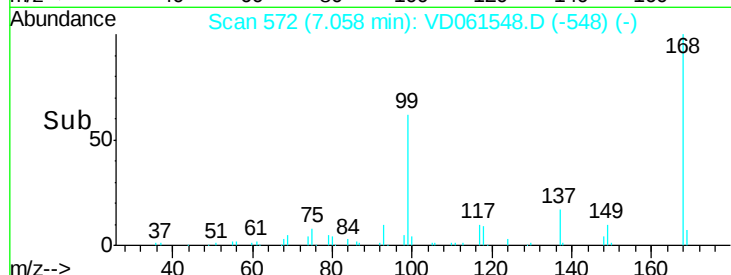
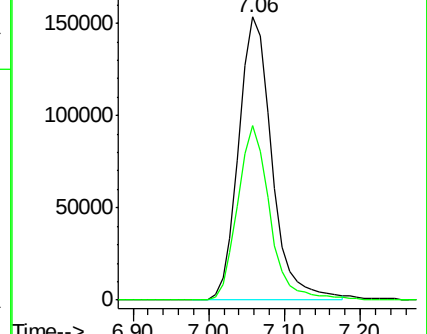
168 100

99 61.6 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: 29.719 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.04 min

Lab File: VD061548.D

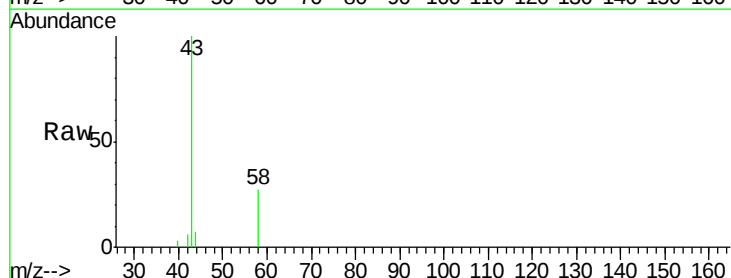
Acq: 3 Apr 2019 9:38

Tgt Ion: 43 Resp: 30565

Ion Ratio Lower Upper

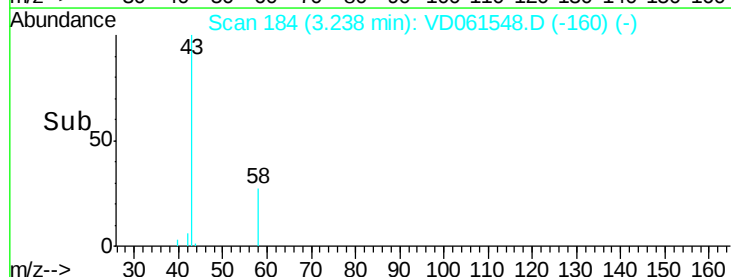
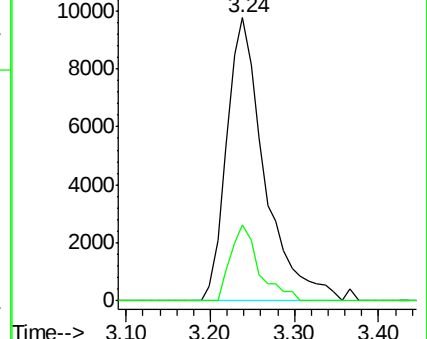
43 100

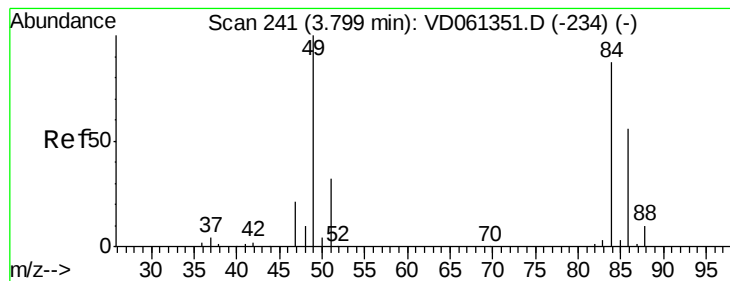
58 26.7 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 13.125 ug/l

RT: 3.84 min Scan# 245

Delta R.T. 0.04 min

Lab File: VD061548.D

Acq: 3 Apr 2019 9:38

Instrument :

MSVOA_D

ClientSampleId :

TP-1-2-COMP

Tot Ion: 84 Resp: 83775

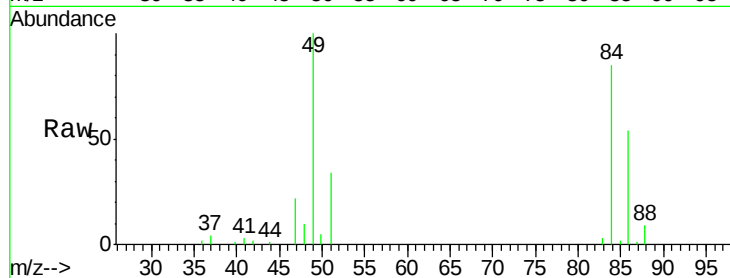
Ion Ratio Lower Upper

84 100

49 118.0 91.8 137.8

51 39.7 29.8 44.8

86 63.5 51.8 77.6

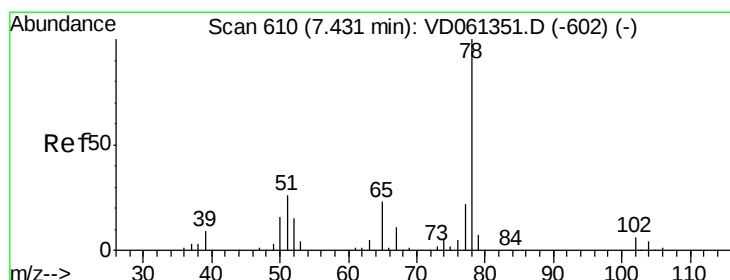
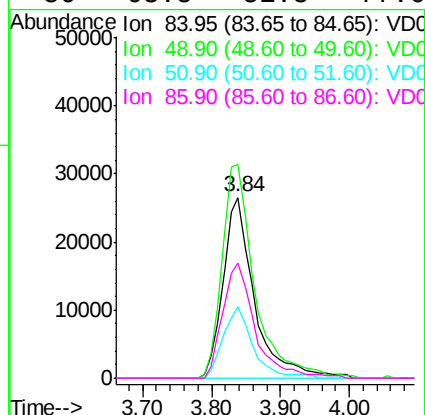
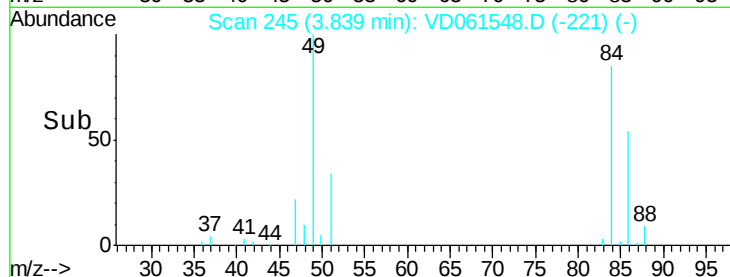


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 7.46 min Scan# 613

Delta R.T. 0.03 min

Lab File: VD061548.D

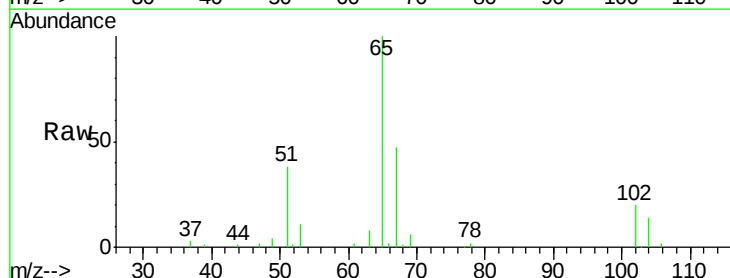
Acq: 3 Apr 2019 9:38

Tgt Ion: 65 Resp: 222695

Ion Ratio Lower Upper

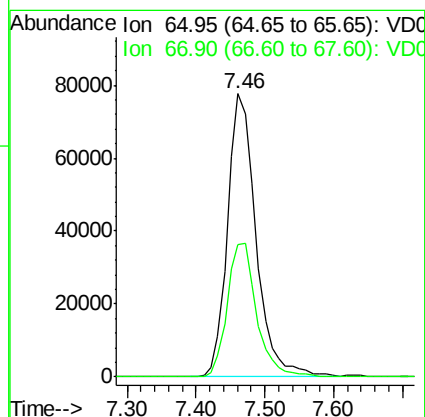
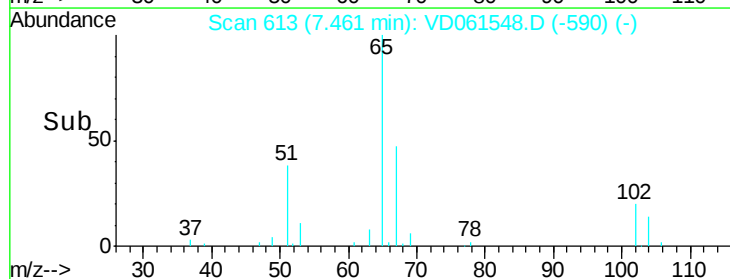
65 100

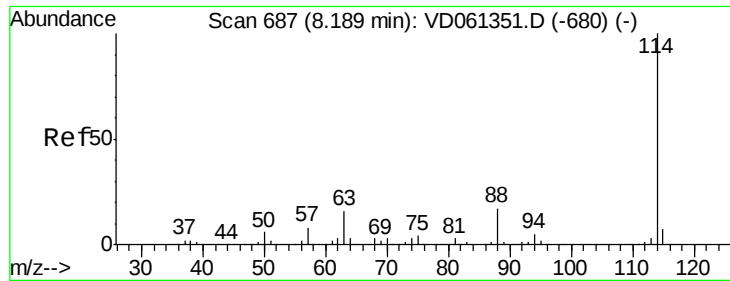
67 46.6 0.0 99.8



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: VD061548.D

Acq: 3 Apr 2019 9:38

Instrument :

MSVOA_D

ClientSampleId :

TP-1-2-COMP

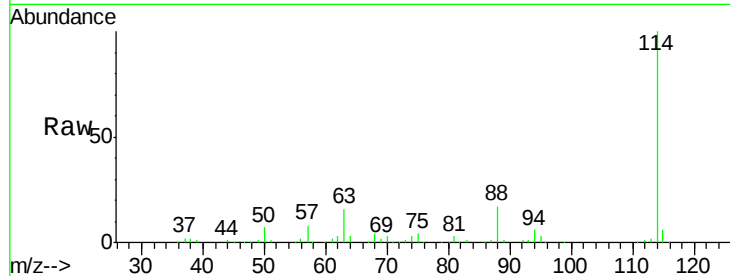
Tot Ion:114 Resp: 781766

Ion Ratio Lower Upper

114 100

63 16.4 0.0 31.6

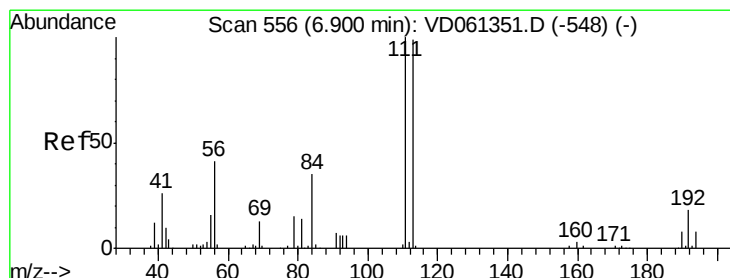
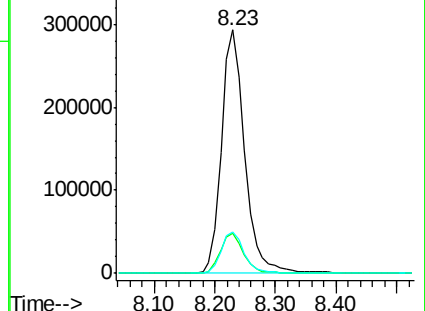
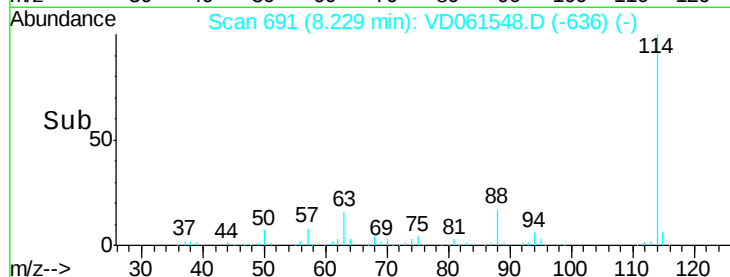
88 16.9 0.0 33.4



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: VD061548.D

Acq: 3 Apr 2019 9:38

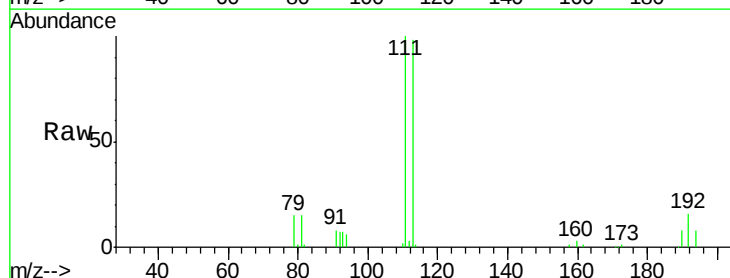
Tgt Ion:113 Resp: 313761

Ion Ratio Lower Upper

113 100

111 102.0 81.0 121.6

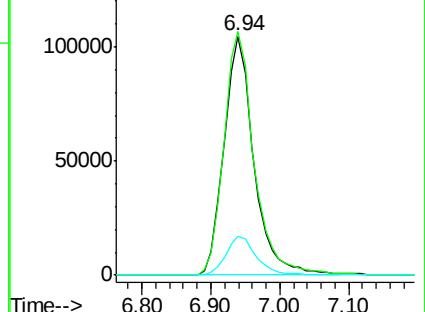
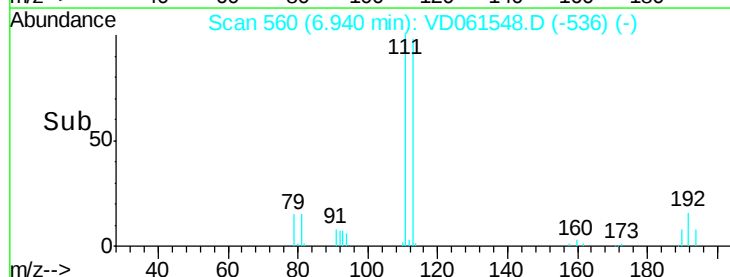
192 16.3 14.4 21.6

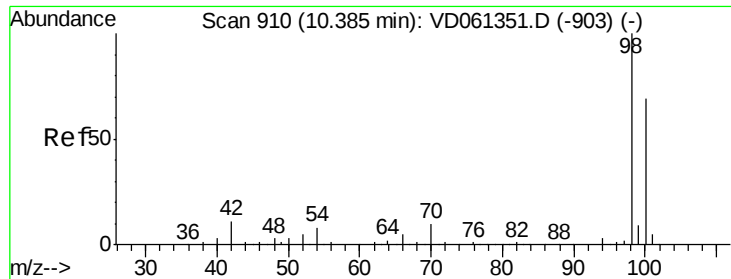


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

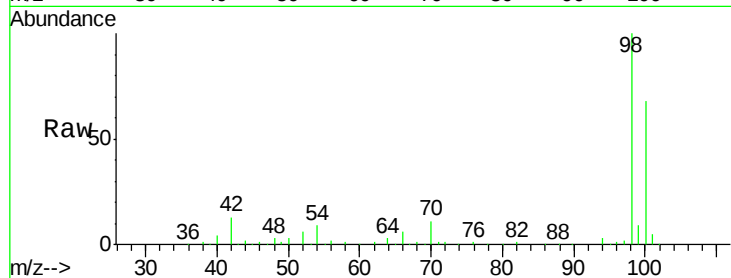




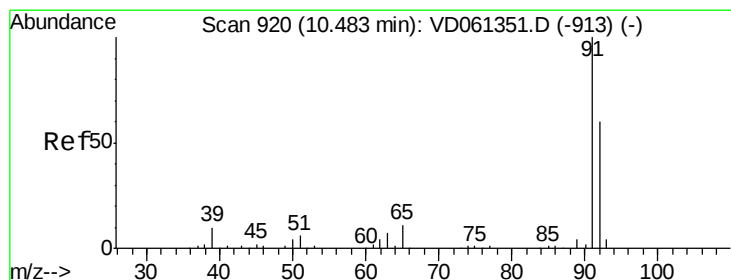
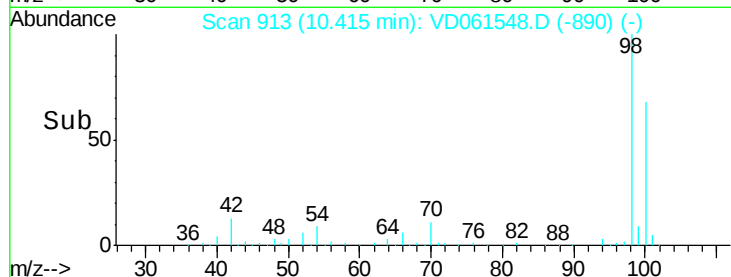
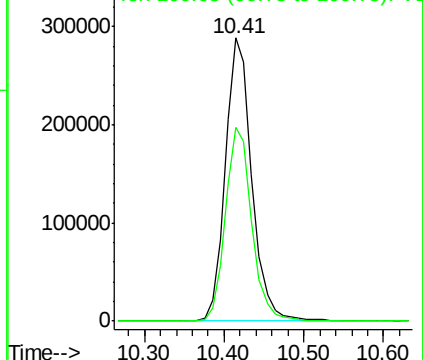
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.03 min
Lab File: VD061548.D
Acq: 3 Apr 2019 9:38

Instrument :
MSVOA_D
ClientSampleId :
TP-1-2-COMP

Tot Ion: 98 Resp: 670692
Ion Ratio Lower Upper
98 100
100 68.5 56.2 84.2

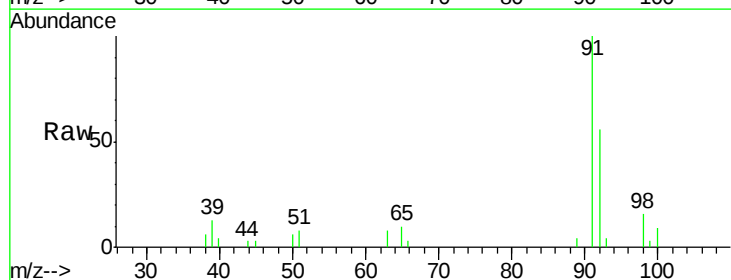


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

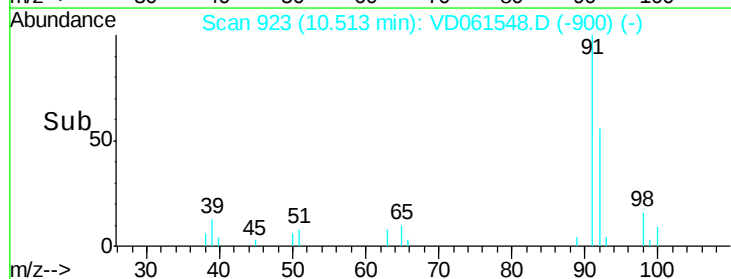
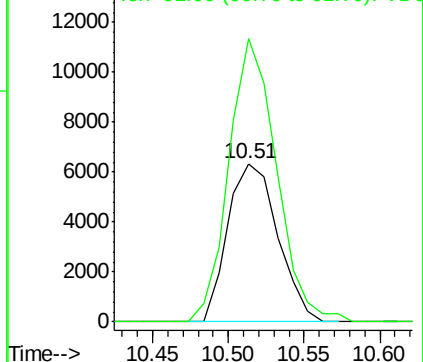


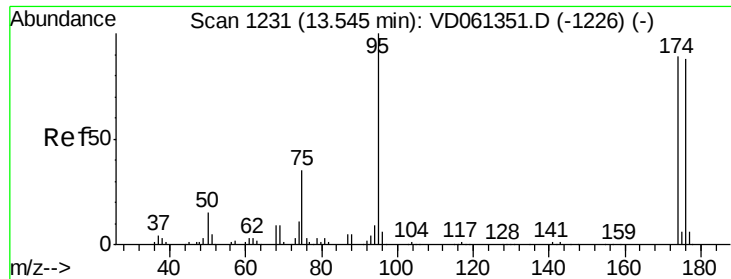
#52
Toluene
Concen: 1.396 ug/l
RT: 10.51 min Scan# 923
Delta R.T. 0.03 min
Lab File: VD061548.D
Acq: 3 Apr 2019 9:38

Tgt Ion: 92 Resp: 14581
Ion Ratio Lower Upper
92 100
91 178.8 133.3 199.9



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

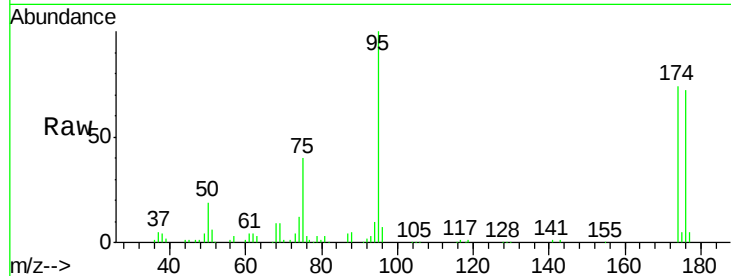




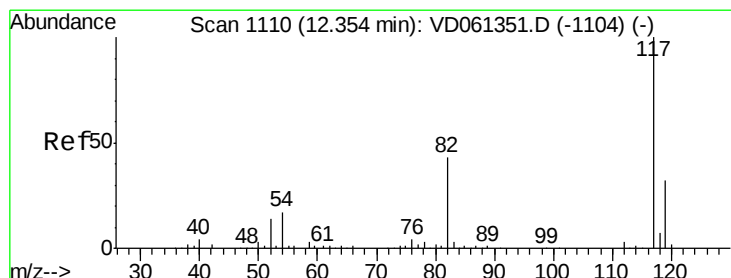
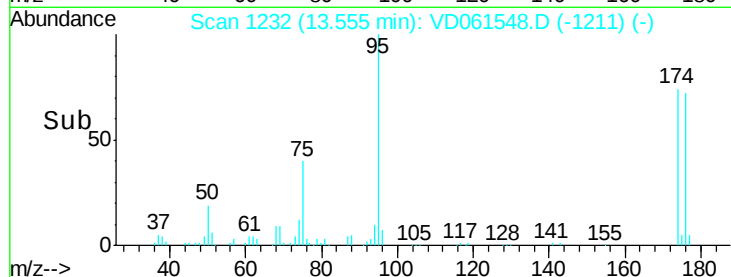
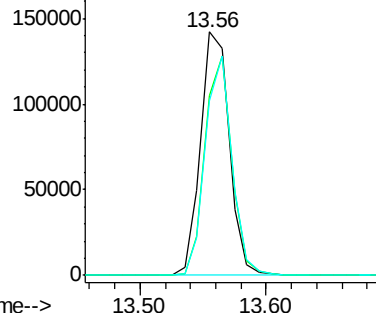
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD061548.D
Acq: 3 Apr 2019 9:38

Instrument :
MSVOA_D
ClientSampleId :
TP-1-2-COMP

Tot Ion: 95 Resp: 222608
Ion Ratio Lower Upper
95 100
174 73.6 0.0 178.0
176 71.5 0.0 175.0

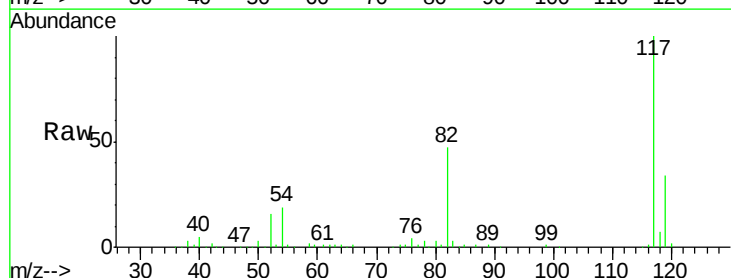


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

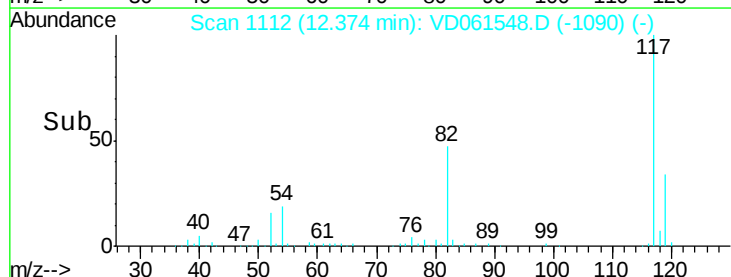
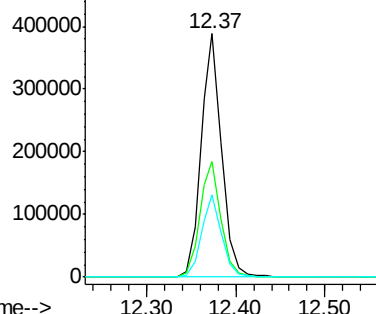


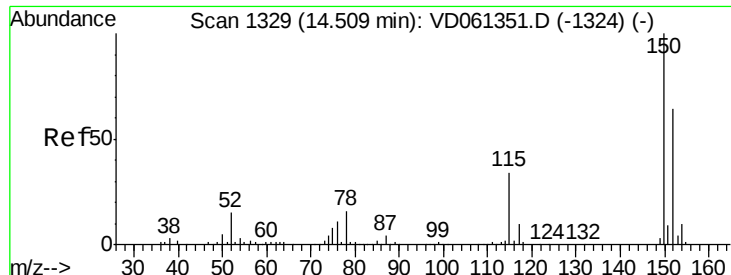
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.02 min
Lab File: VD061548.D
Acq: 3 Apr 2019 9:38

Tgt Ion: 117 Resp: 631714
Ion Ratio Lower Upper
117 100
82 47.3 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: 14.52 min Scan# 1330

Delta R.T. 0.01 min

Lab File: VD061548.D

Acq: 3 Apr 2019 9:38

Instrument :

MSVOA_D

ClientSampleId :

TP-1-2-COMP

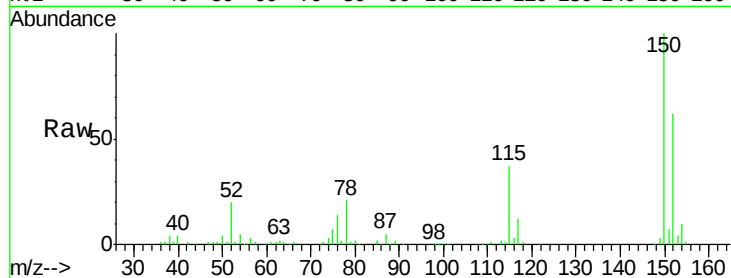
Tot Ion:152 Resp: 216348

Ion Ratio Lower Upper

152 100

115 60.3 26.9 80.6

150 161.4 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

