

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040319\
 Data File : VD061562.D
 Acq On : 3 Apr 2019 18:19
 Operator : VA/AP
 Sample : K2209-02
 Misc : 5.54g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 E-7

Quant Time: Apr 04 02:49:49 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

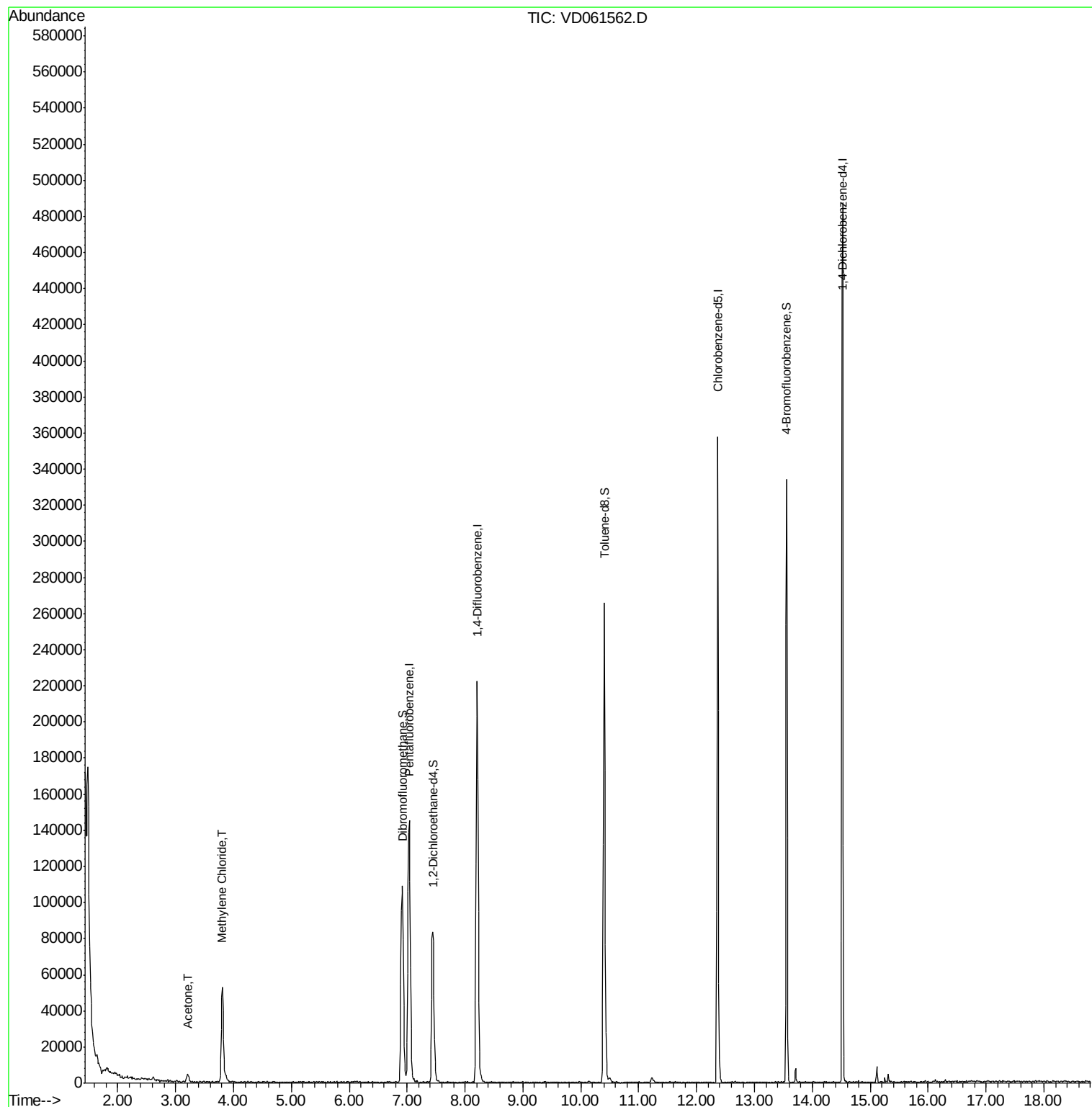
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	156140	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.21	114	276544	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.36	117	233875	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	125839	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	88409	66.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	132.56%	
35) Dibromofluoromethane	6.92	113	111338	52.68	ug/l	0.02
Spiked Amount 50.000			Recovery	=	105.36%	
50) Toluene-d8	10.41	98	230677	45.51	ug/l	0.02
Spiked Amount 50.000			Recovery	=	91.02%	
62) 4-Bromofluorobenzene	13.56	95	107863	55.49	ug/l	0.01
Spiked Amount 50.000			Recovery	=	110.98%	
Target Compounds						
16) Acetone	3.21	43	8789	25.633	ug/l	95
20) Methylene Chloride	3.81	84	37822	18.480	ug/l	97

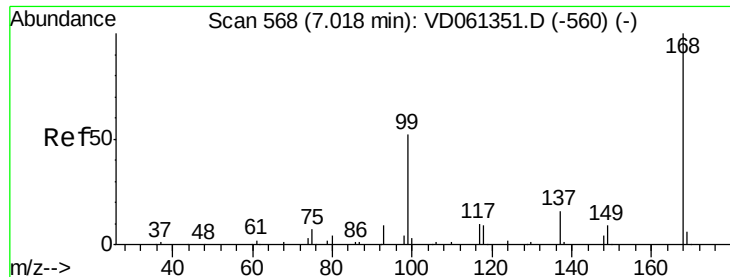
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD061562.D

Acq: 3 Apr 2019 18:19

Instrument :

MSVOA_D

ClientSampleId :

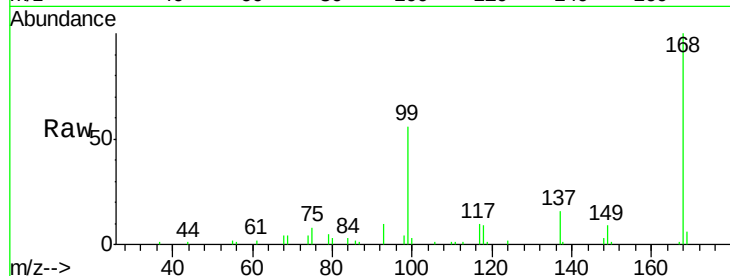
E-7

Tot Ion:168 Resp: 156140

Ion Ratio Lower Upper

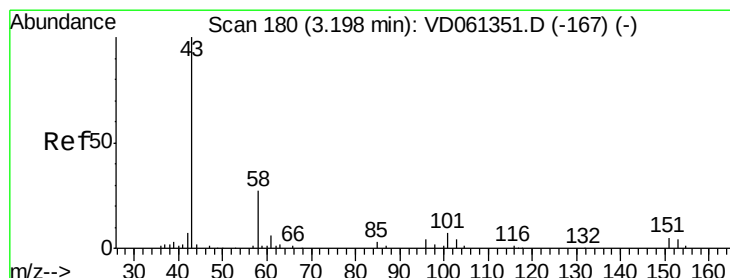
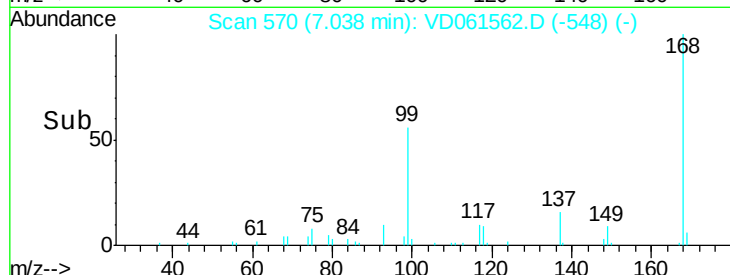
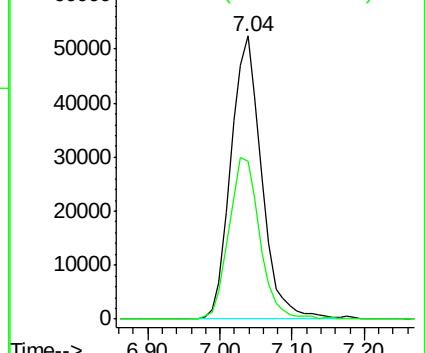
168 100

99 55.8 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: 25.633 ug/l

RT: 3.21 min Scan# 181

Delta R.T. 0.01 min

Lab File: VD061562.D

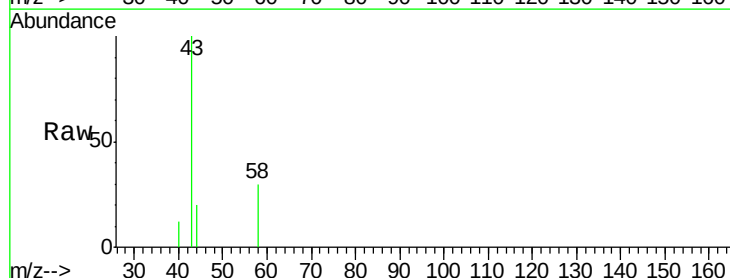
Acq: 3 Apr 2019 18:19

Tgt Ion: 43 Resp: 8789

Ion Ratio Lower Upper

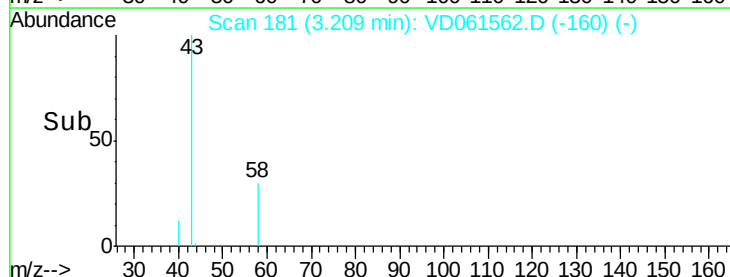
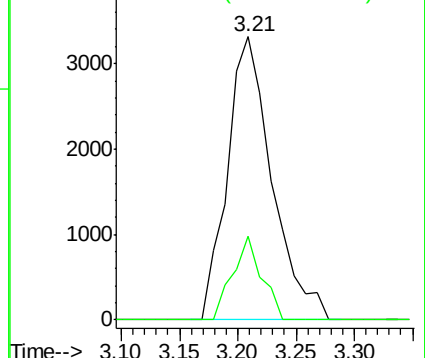
43 100

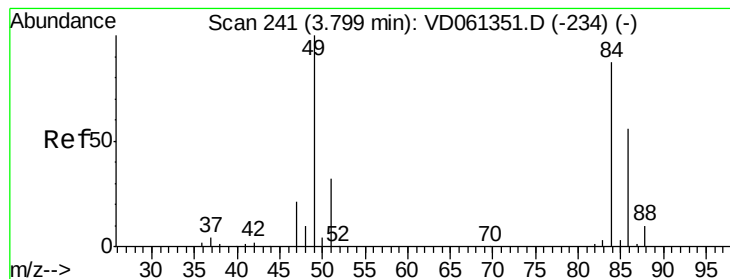
58 29.6 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 18.480 ug/l

RT: 3.81 min Scan# 242

Delta R.T. 0.01 min

Lab File: VD061562.D

Acq: 3 Apr 2019 18:19

Instrument :

MSVOA_D

ClientSampleId :

E-7

Tot Ion: 84 Resp: 37822

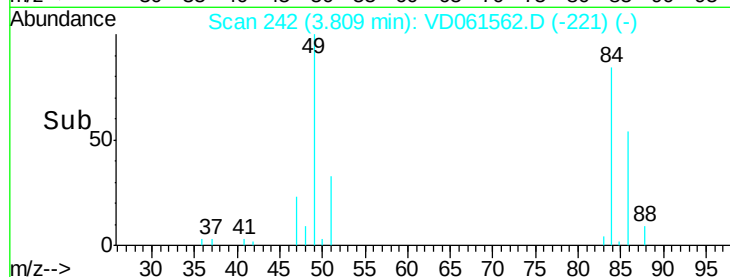
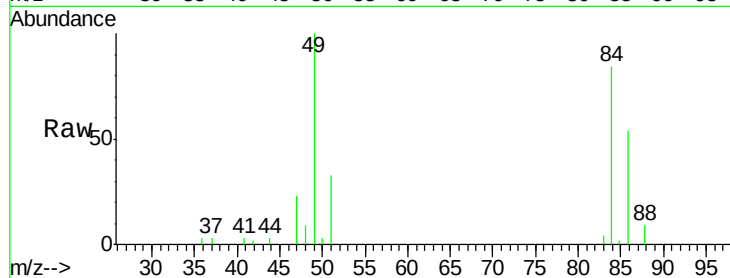
Ion Ratio Lower Upper

84 100

49 119.0 91.8 137.8

51 38.9 29.8 44.8

86 64.0 51.8 77.6

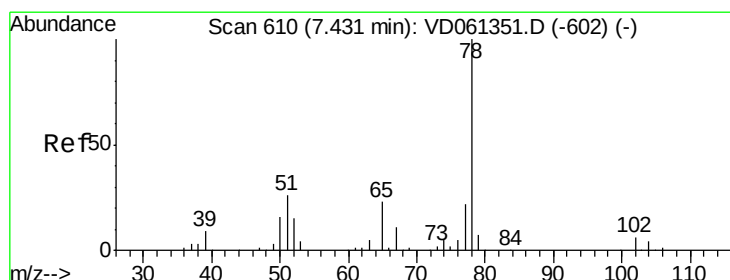
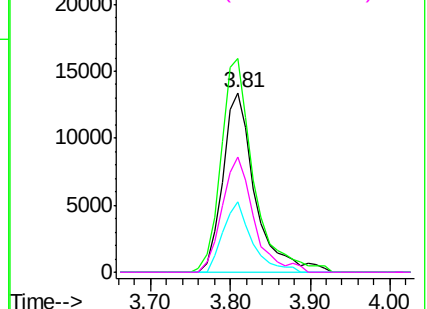


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 7.43 min Scan# 610

Delta R.T. 0.00 min

Lab File: VD061562.D

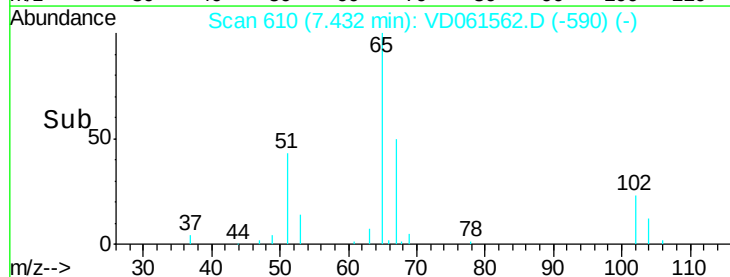
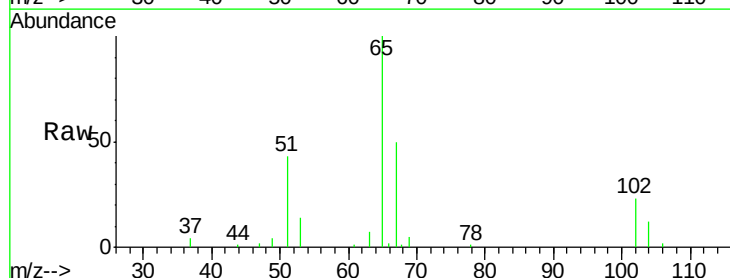
Acq: 3 Apr 2019 18:19

Tgt Ion: 65 Resp: 88409

Ion Ratio Lower Upper

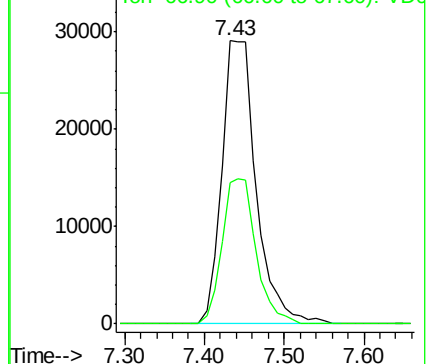
65 100

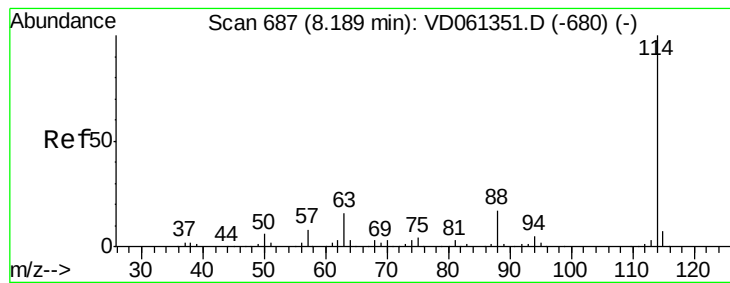
67 50.1 0.0 99.8



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: VD061562.D

Acq: 3 Apr 2019 18:19

Instrument :

MSVOA_D

ClientSampled :

E-7

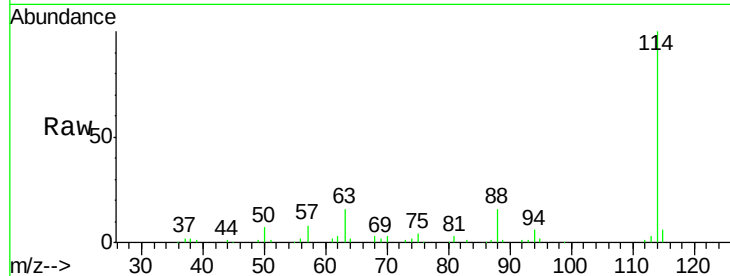
Tot Ion:114 Resp: 276544

Ion Ratio Lower Upper

114 100

63 15.7 0.0 31.6

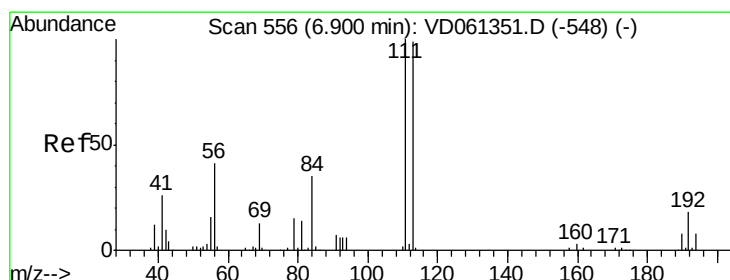
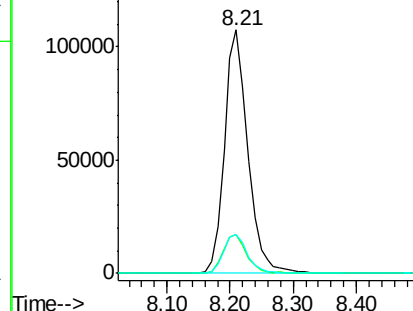
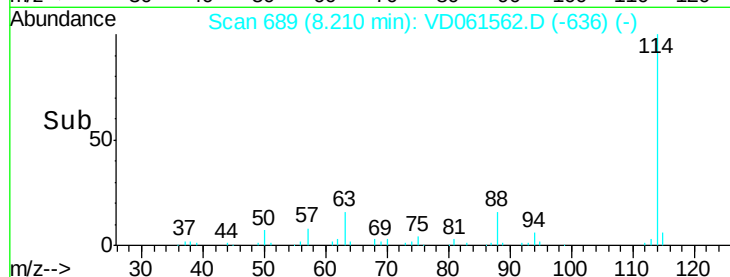
88 16.0 0.0 33.4



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: 6.92 min Scan# 558

Delta R.T. 0.02 min

Lab File: VD061562.D

Acq: 3 Apr 2019 18:19

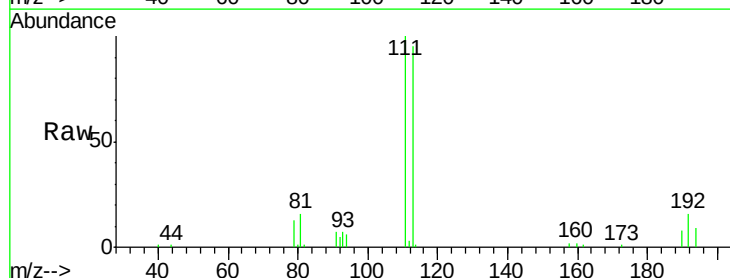
Tgt Ion:113 Resp: 111338

Ion Ratio Lower Upper

113 100

111 105.5 81.0 121.6

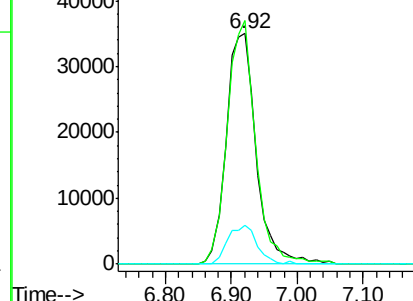
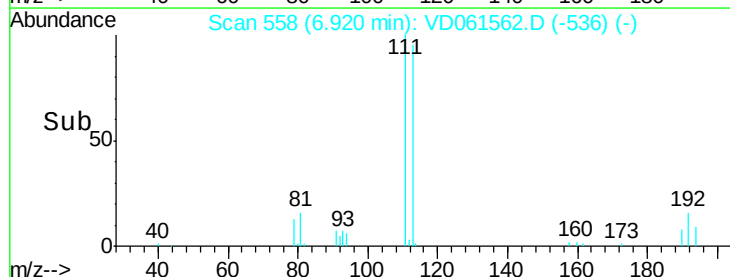
192 16.6 14.4 21.6

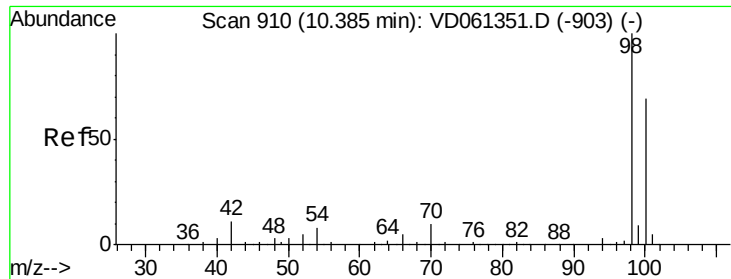


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

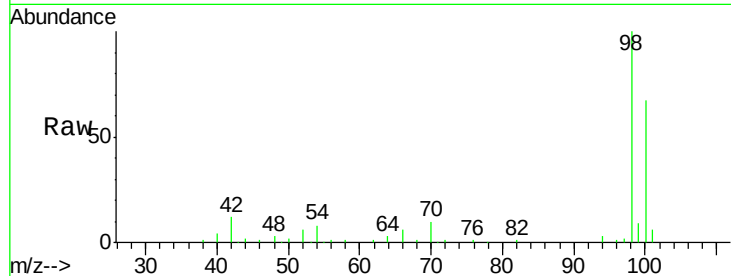




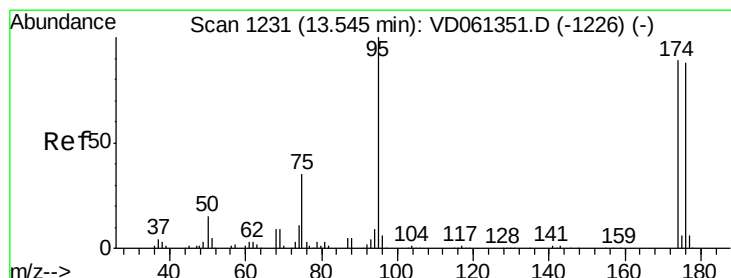
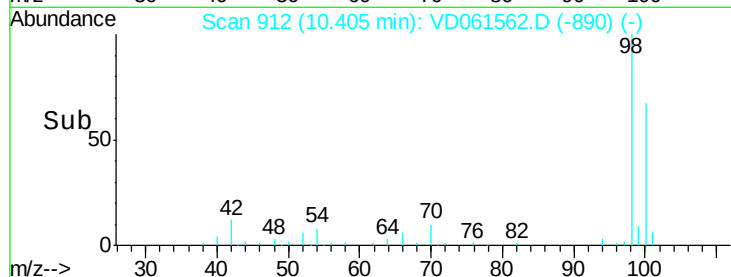
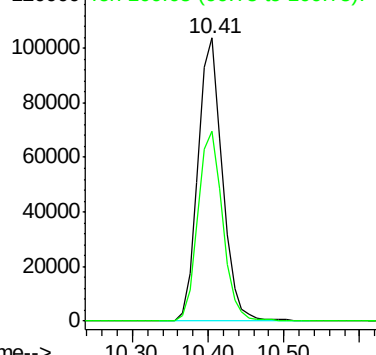
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 912
Delta R.T. 0.02 min
Lab File: VD061562.D
Acq: 3 Apr 2019 18:19

Instrument :
MSVOA_D
ClientSampleId :
E-7

Tot Ion: 98 Resp: 230677
Ion Ratio Lower Upper
98 100
100 67.0 56.2 84.2

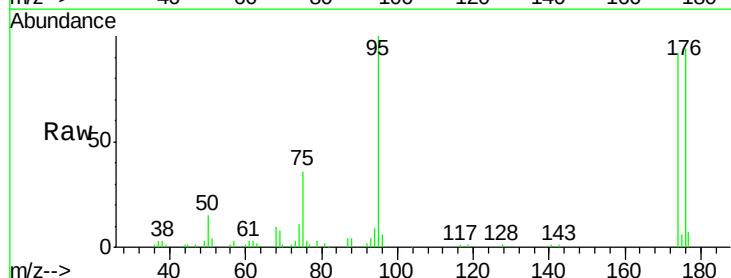


Abundance Ion 98.05 (97.75 to 98.75): VD061351.D (-903) (-)
Ion 100.05 (99.75 to 100.75): VD061351.D (-903) (-)

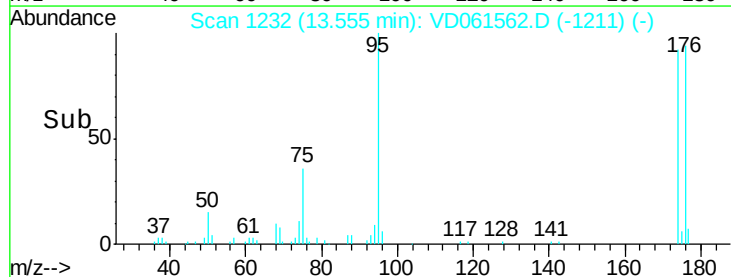
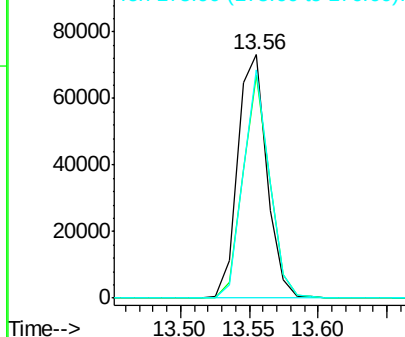


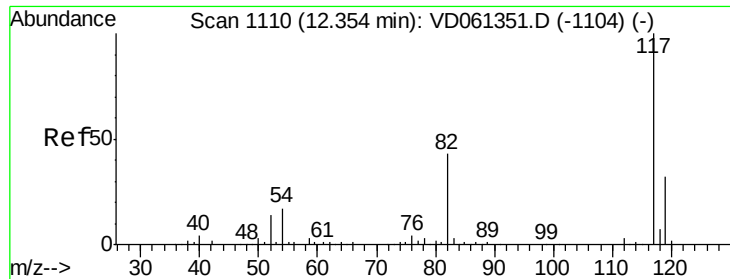
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD061562.D
Acq: 3 Apr 2019 18:19

Tgt Ion: 95 Resp: 107863
Ion Ratio Lower Upper
95 100
174 91.9 0.0 178.0
176 94.0 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) (-)

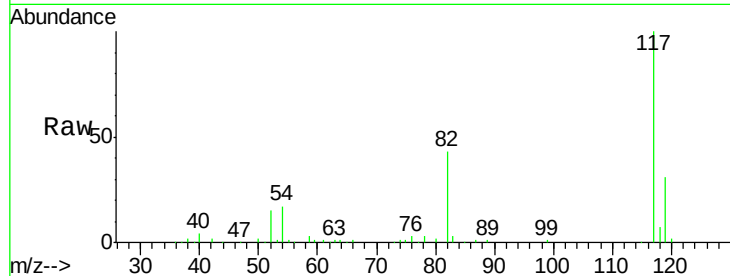




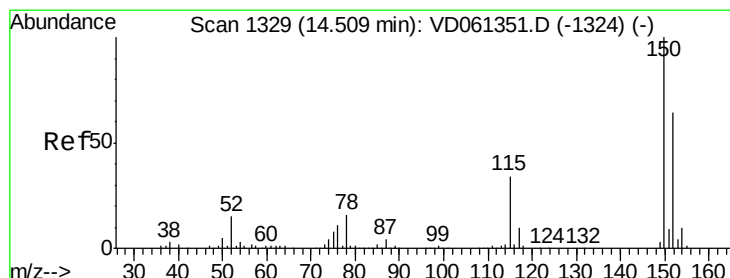
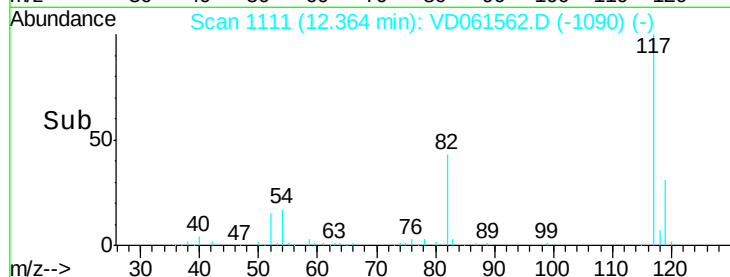
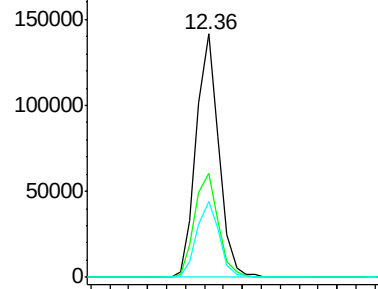
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.36 min Scan# 1111
 Delta R.T. 0.01 min
 Lab File: VD061562.D
 Acq: 3 Apr 2019 18:19

Instrument :
 MSVOA_D
 ClientSampleId :
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Tot Ion:117 Resp: 233875
 Ion Ratio Lower Upper
 117 100
 82 42.8 34.4 51.6
 119 31.2 25.8 38.6

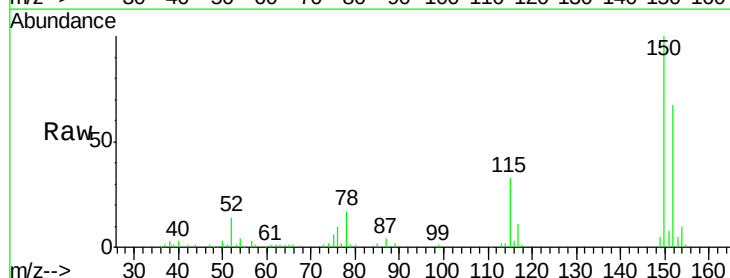


Abundance Ion 116.95 (116.65 to 117.65): V
 Ion 82.05 (81.75 to 82.75): V
 Ion 118.95 (118.65 to 119.65): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VD061562.D
 Acq: 3 Apr 2019 18:19

Tgt Ion:152 Resp: 125839
 Ion Ratio Lower Upper
 152 100
 115 49.6 26.9 80.6
 150 150.2 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

