

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040219\
 Data File : VD061543.D
 Acq On : 3 Apr 2019 7:20
 Operator : VA/AP
 Sample : K2196-01
 Misc : 6.26g/5ml/MSVOA D/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-01-040119

Quant Time: Apr 03 09:25:17 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

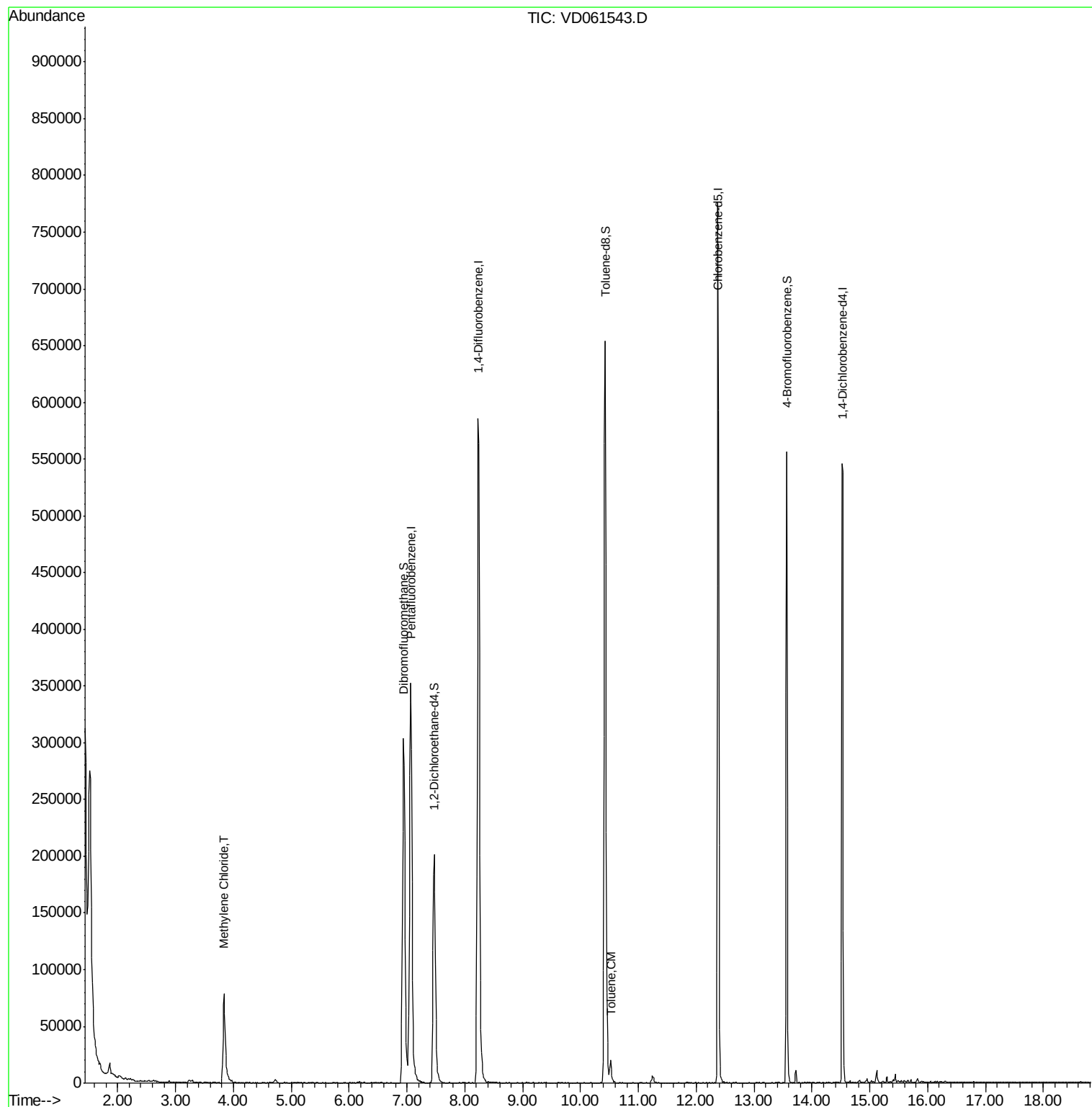
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	386317	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.23	114	725515	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.37	117	475670	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	140264	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	214269	64.93	ug/l	0.04
Spiked Amount 50.000			Recovery	=	129.86%	
35) Dibromofluoromethane	6.94	113	290574	52.41	ug/l	0.04
Spiked Amount 50.000			Recovery	=	104.82%	
50) Toluene-d8	10.42	98	565377	42.52	ug/l	0.04
Spiked Amount 50.000			Recovery	=	85.04%	
62) 4-Bromofluorobenzene	13.57	95	166104	32.57	ug/l	0.02
Spiked Amount 50.000			Recovery	=	65.14%	
Target Compounds						
20) Methylene Chloride	3.84	84	60192	11.175	ug/l	97
52) Toluene	10.52	92	11142	1.149	ug/l	91

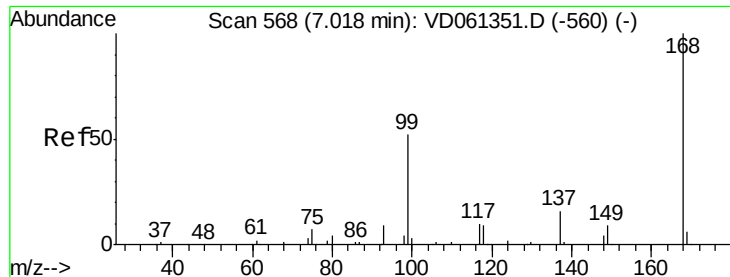
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040219\
Data File : VD061543.D
Acq On : 3 Apr 2019 7:20
Operator : VA/AP
Sample : K2196-01
Misc : 6.26g/5ml/MSVOA D/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HD-01-040119

Quant Time: Apr 03 09:25:17 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
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: 7.07 min Scan# 573

Delta R.T. 0.05 min

Lab File: VD061543.D

Acq: 3 Apr 2019 7:20

Instrument :

MSVOA_D

ClientSampleId :

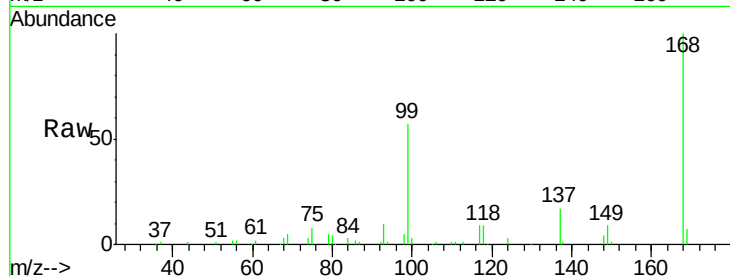
HD-01-040119

Tot Ion:168 Resp: 386317

Ion Ratio Lower Upper

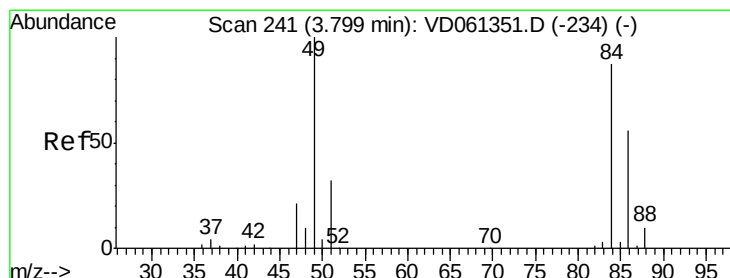
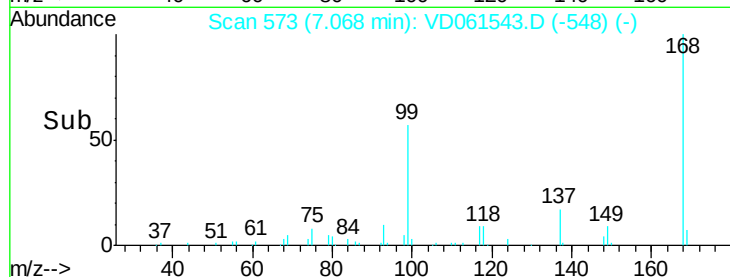
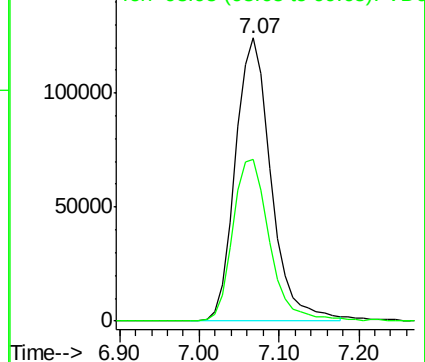
168 100

99 57.2 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 11.175 ug/l

RT: 3.84 min Scan# 245

Delta R.T. 0.04 min

Lab File: VD061543.D

Acq: 3 Apr 2019 7:20

Tgt Ion: 84 Resp: 60192

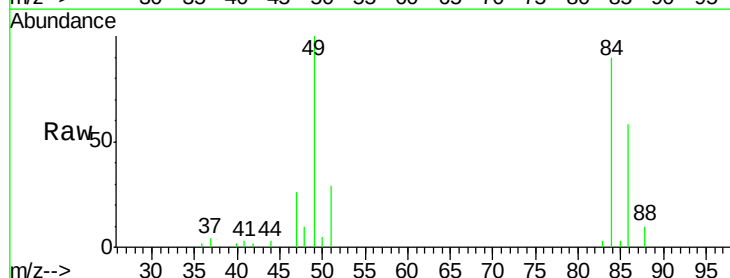
Ion Ratio Lower Upper

84 100

49 111.4 91.8 137.8

51 31.8 29.8 44.8

86 64.7 51.8 77.6

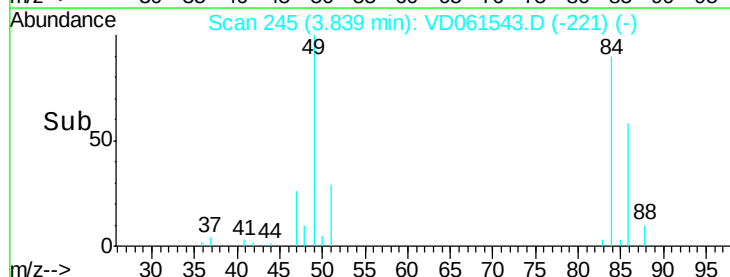
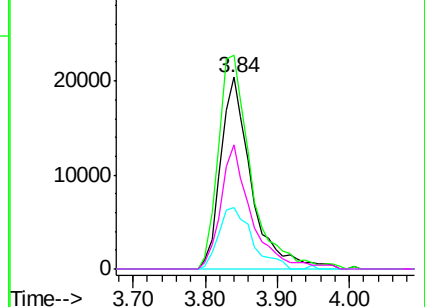


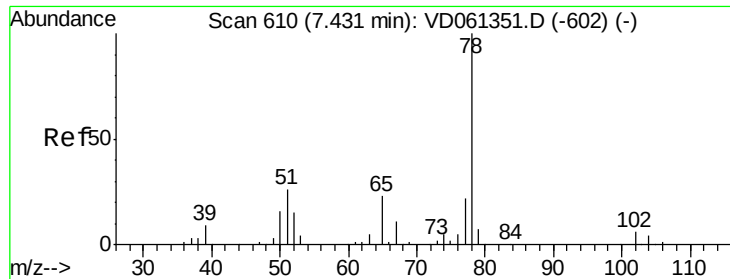
Abundance Ion 83.95 (83.65 to 84.65): VDC

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: VD061543.D

Acq: 3 Apr 2019 7:20

Instrument :

MSVOA_D

ClientSampleId :

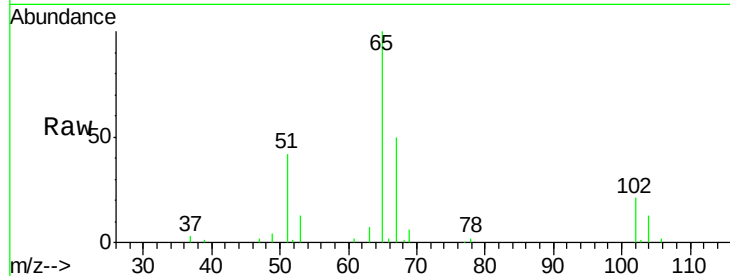
HD-01-040119

Tot Ion: 65 Resp: 214269

Ion Ratio Lower Upper

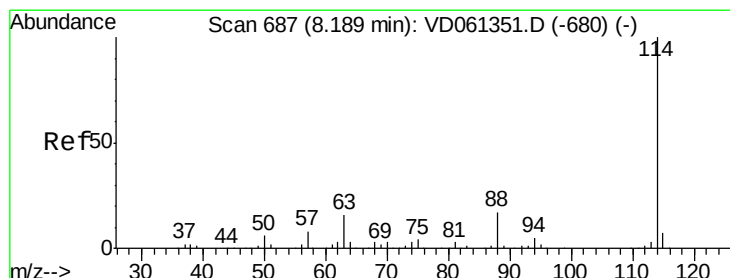
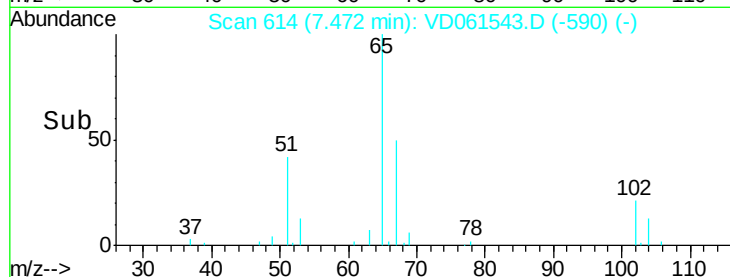
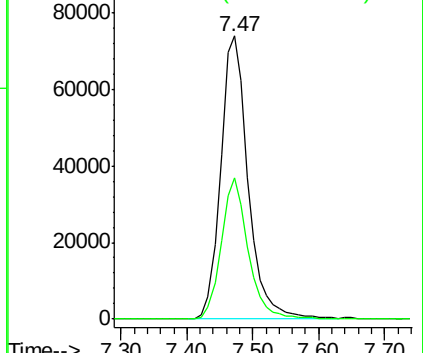
65 100

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: 8.23 min Scan# 691

Delta R.T. 0.04 min

Lab File: VD061543.D

Acq: 3 Apr 2019 7:20

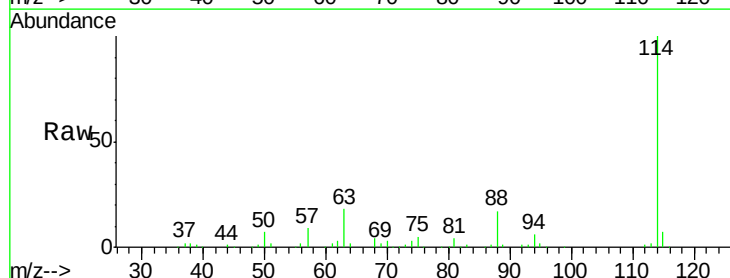
Tgt Ion:114 Resp: 725515

Ion Ratio Lower Upper

114 100

63 17.6 0.0 31.6

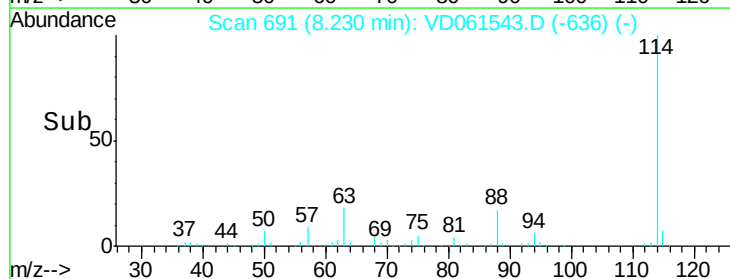
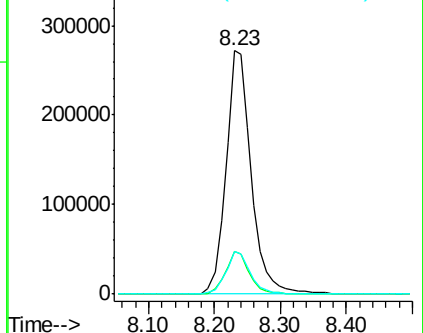
88 17.3 0.0 33.4

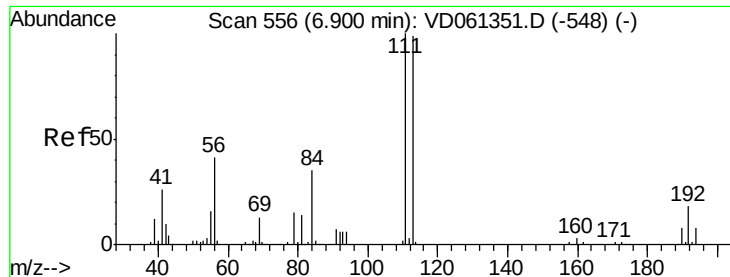


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

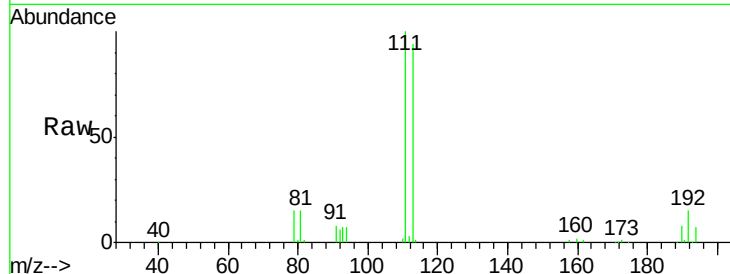




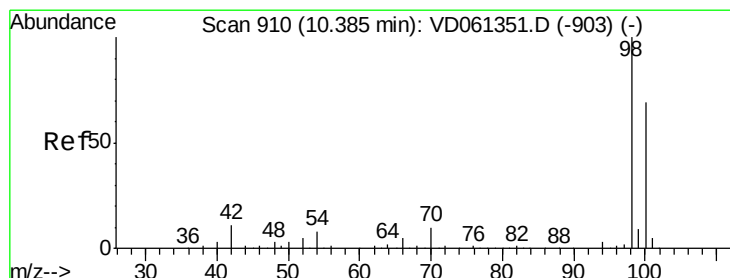
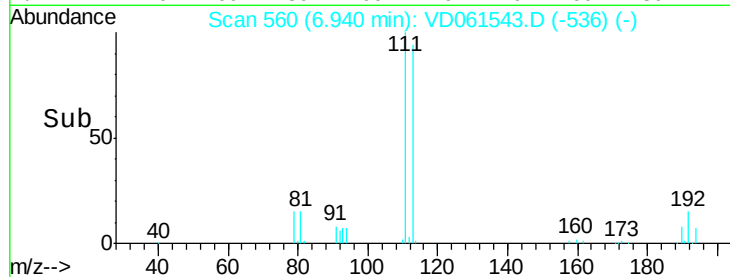
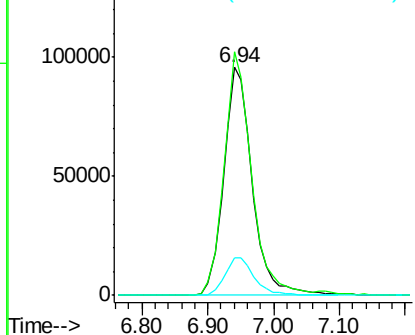
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.04 min
 Lab File: VD061543.D
 Acq: 3 Apr 2019 7:20

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-01-040119

Tot Ion:113 Resp: 290574
 Ion Ratio Lower Upper
 113 100
 111 106.8 81.0 121.6
 192 16.4 14.4 21.6

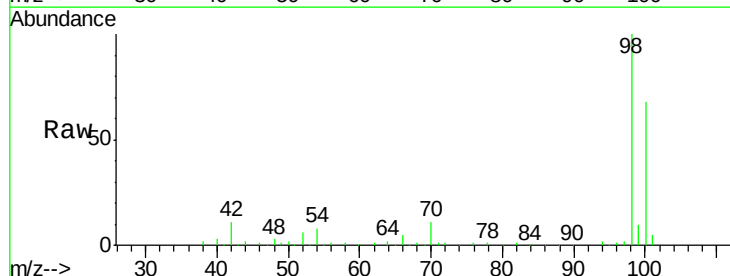


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

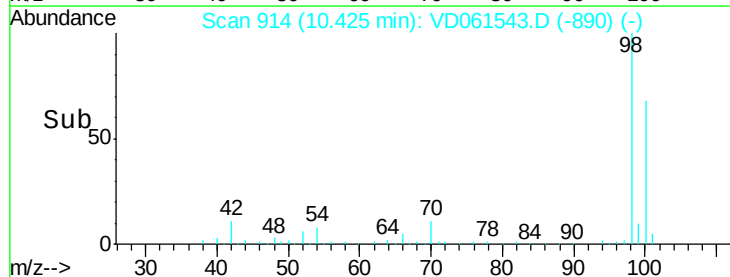
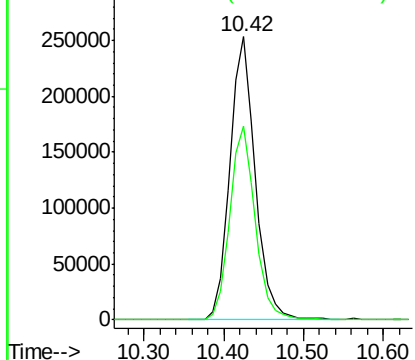


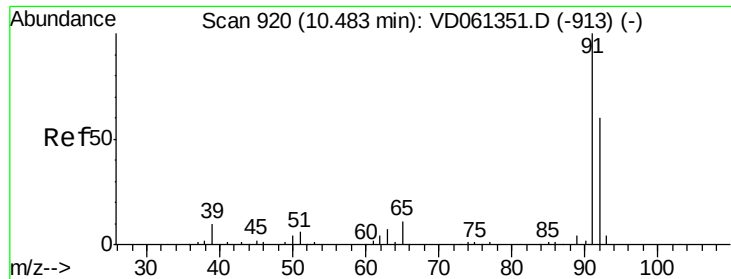
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.42 min Scan# 914
 Delta R.T. 0.04 min
 Lab File: VD061543.D
 Acq: 3 Apr 2019 7:20

Tgt Ion: 98 Resp: 565377
 Ion Ratio Lower Upper
 98 100
 100 68.3 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: 1.149 ug/l

RT: 10.52 min Scan# 924

Delta R.T. 0.04 min

Lab File: VD061543.D

Acq: 3 Apr 2019 7:20

Instrument :

MSVOA_D

ClientSampleId :

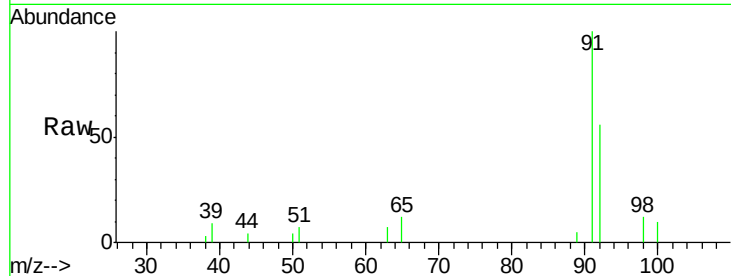
HD-01-040119

Tot Ion: 92 Resp: 11142

Ion Ratio Lower Upper

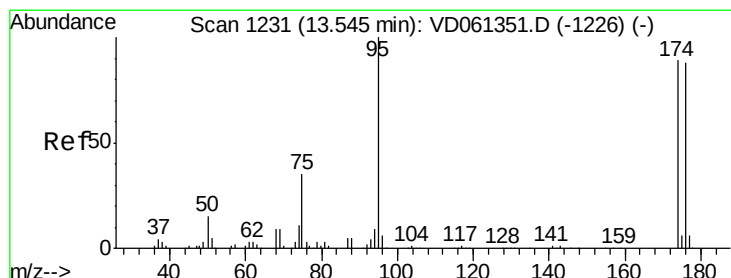
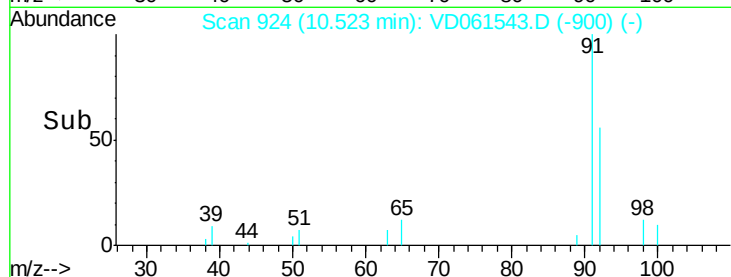
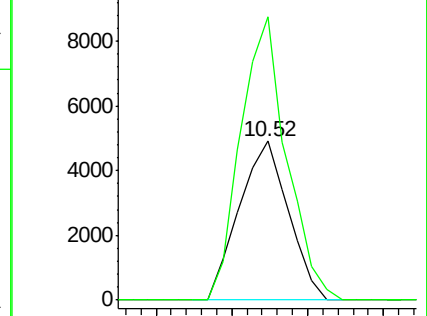
92 100

91 178.2 133.3 199.9



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: 13.57 min Scan# 1233

Delta R.T. 0.02 min

Lab File: VD061543.D

Acq: 3 Apr 2019 7:20

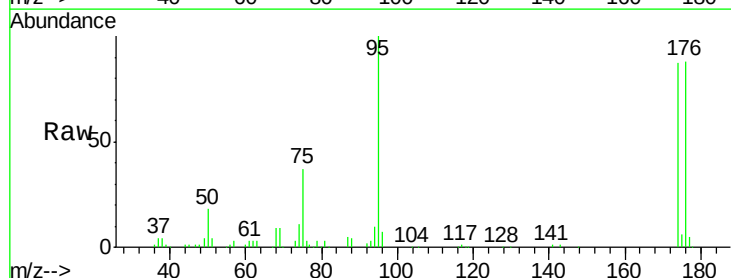
Tgt Ion: 95 Resp: 166104

Ion Ratio Lower Upper

95 100

174 87.4 0.0 178.0

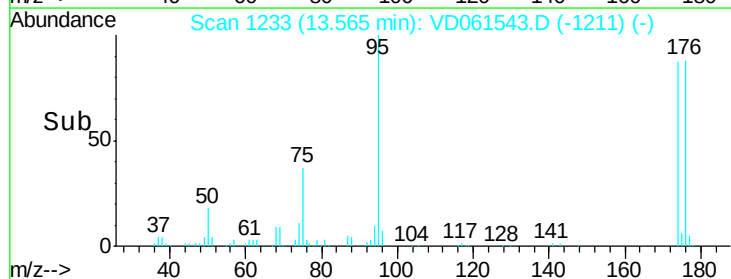
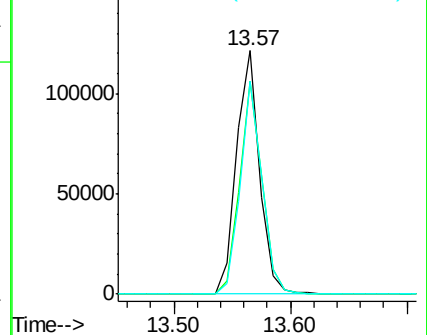
176 87.6 0.0 175.0

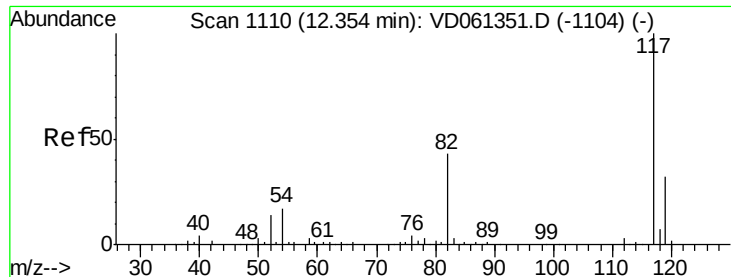


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

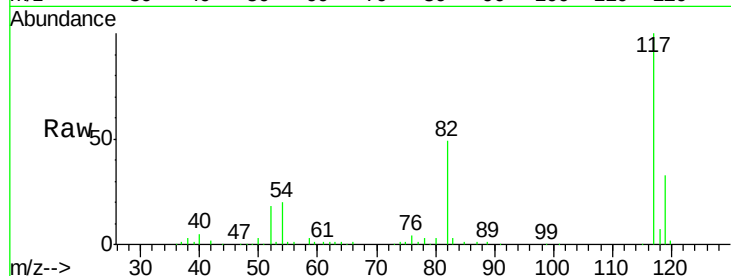




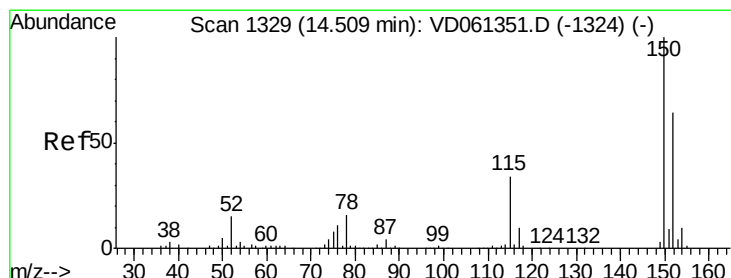
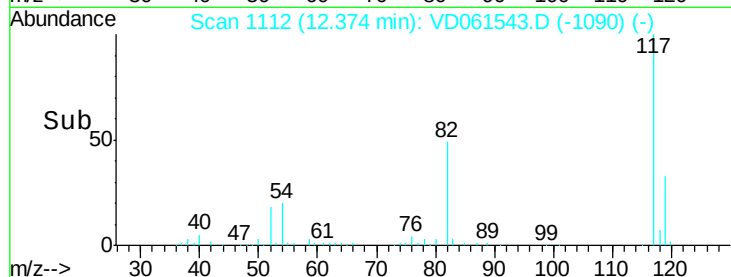
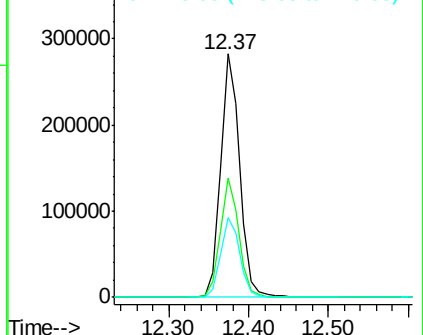
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.02 min
Lab File: VD061543.D
Acq: 3 Apr 2019 7:20

Instrument :
MSVOA_D
ClientSampleId :
HD-01-040119

Tot Ion:117 Resp: 475670
Ion Ratio Lower Upper
117 100
82 49.2 34.4 51.6
119 32.8 25.8 38.6

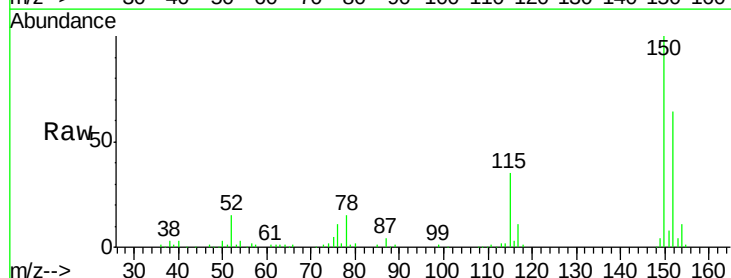


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.02 min
Lab File: VD061543.D
Acq: 3 Apr 2019 7:20

Tgt Ion:152 Resp: 140264
Ion Ratio Lower Upper
152 100
115 54.4 26.9 80.6
150 155.6 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

