

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040219\
 Data File : VD061545.D
 Acq On : 3 Apr 2019 8:15
 Operator : VA/AP
 Sample : K1695-04
 Misc : 5.43g/5ml/MSVOA D/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DPC-91723-SO-TP5-A

Quant Time: Apr 04 01:03:10 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

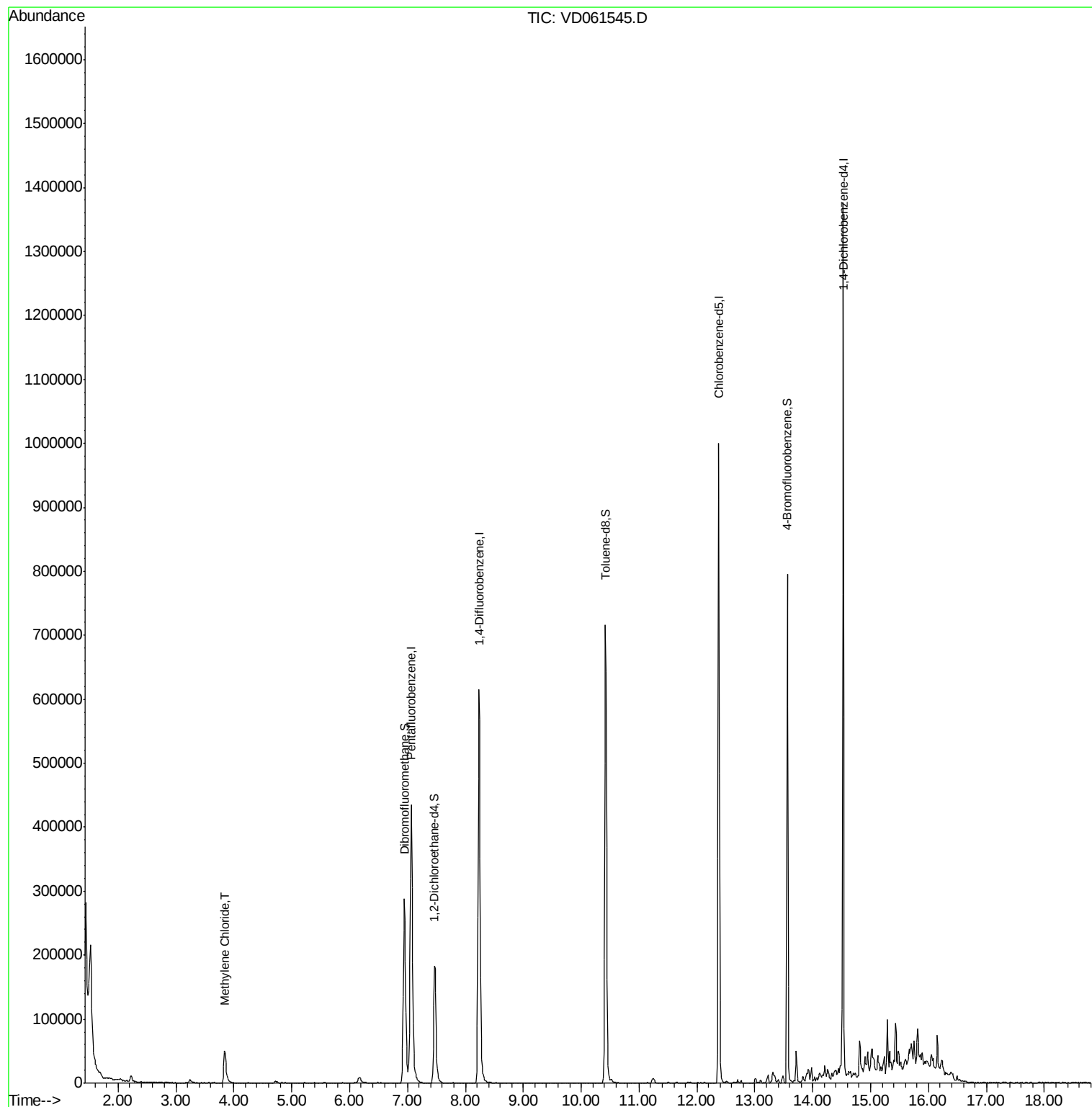
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	451537	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.23	114	768969	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	649151	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	297592	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.48	65	195672	50.73	ug/l	0.04
Spiked Amount 50.000			Recovery	=	101.46%	
35) Dibromofluoromethane	6.94	113	279302	47.53	ug/l	0.04
Spiked Amount 50.000			Recovery	=	95.06%	
50) Toluene-d8	10.42	98	628623	44.60	ug/l	0.03
Spiked Amount 50.000			Recovery	=	89.20%	
62) 4-Bromofluorobenzene	13.56	95	253904	46.98	ug/l	0.01
Spiked Amount 50.000			Recovery	=	93.96%	
Target Compounds						
20) Methylene Chloride	3.84	84	40876	5.656	ug/l	Qvalue 98

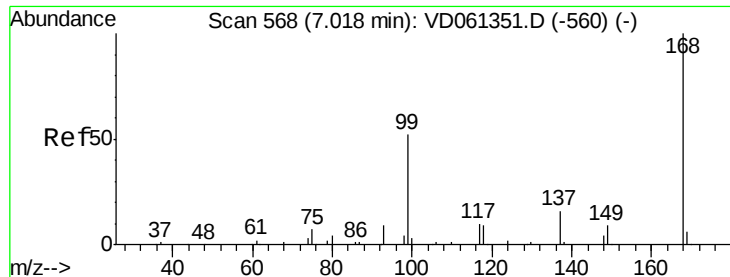
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.04 min

Lab File: VD061545.D

Acq: 3 Apr 2019 8:15

Instrument :

MSVOA_D

ClientSampleId :

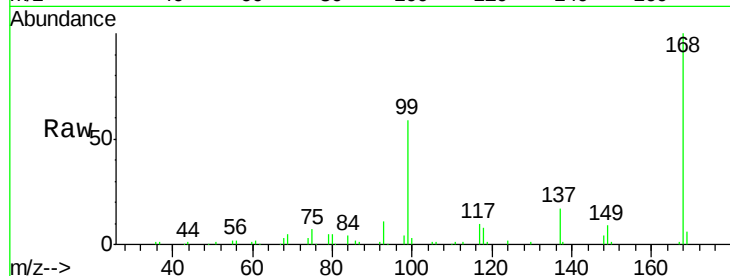
DPC-91723-SO-TP5-A

Tot Ion:168 Resp: 451537

Ion Ratio Lower Upper

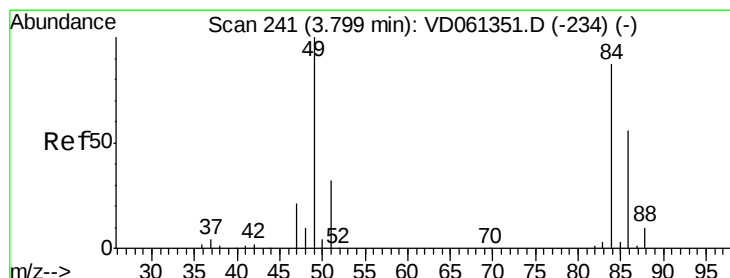
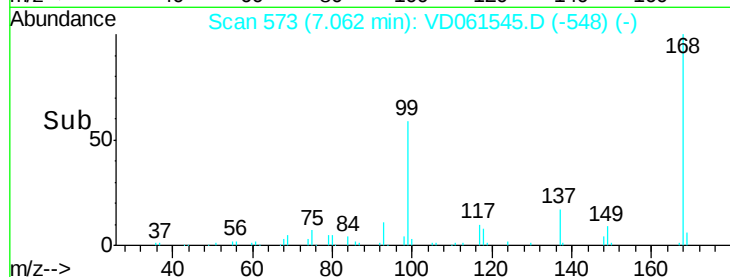
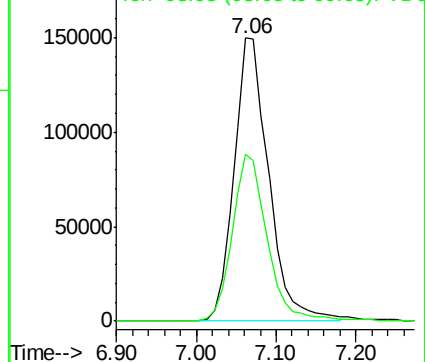
168 100

99 59.1 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: 5.656 ug/l

RT: 3.84 min Scan# 246

Delta R.T. 0.04 min

Lab File: VD061545.D

Acq: 3 Apr 2019 8:15

Tgt Ion: 84 Resp: 40876

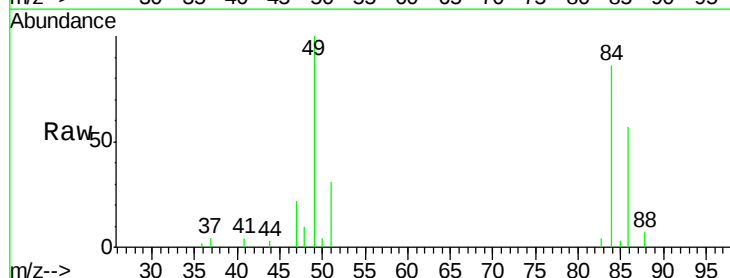
Ion Ratio Lower Upper

84 100

49 116.5 91.8 137.8

51 36.3 29.8 44.8

86 66.9 51.8 77.6

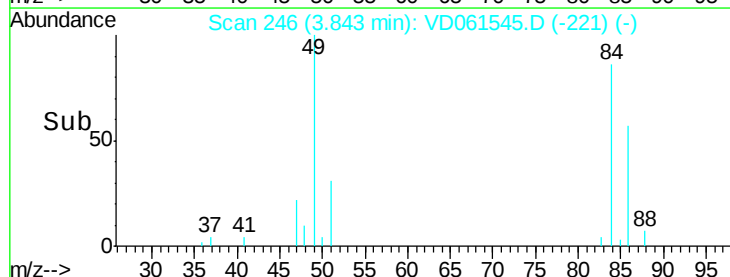
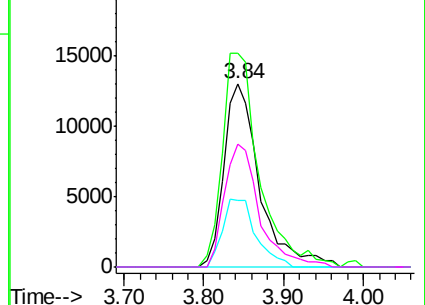


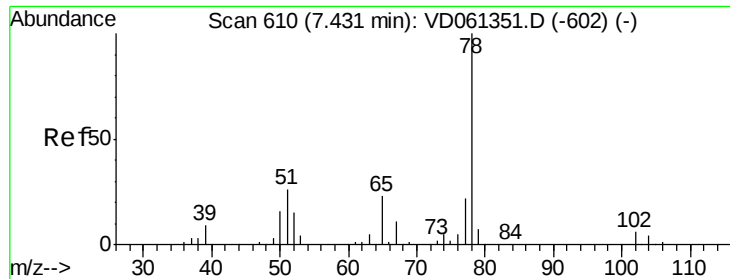
Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 7.48 min Scan# 615

Delta R.T. 0.04 min

Lab File: VD061545.D

Acq: 3 Apr 2019 8:15

Instrument :

MSVOA_D

ClientSampleId :

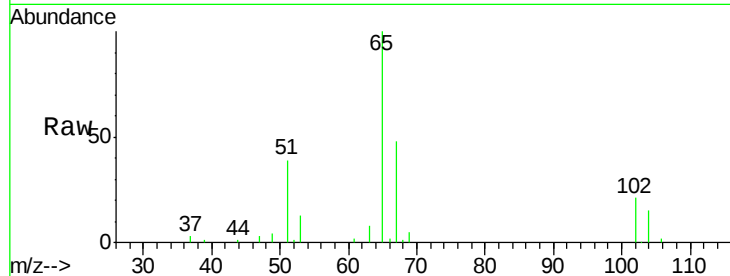
DPC-91723-SO-TP5-A

Tot Ion: 65 Resp: 195672

Ion Ratio Lower Upper

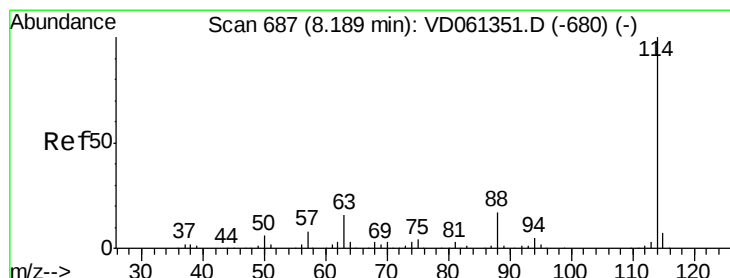
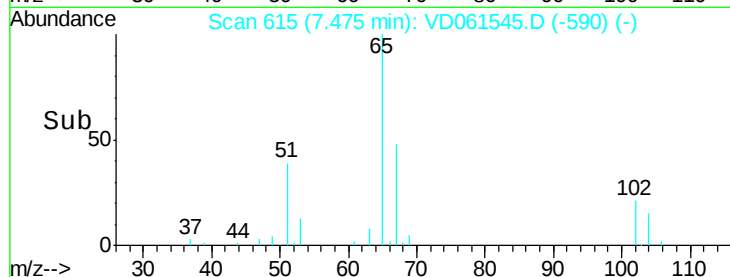
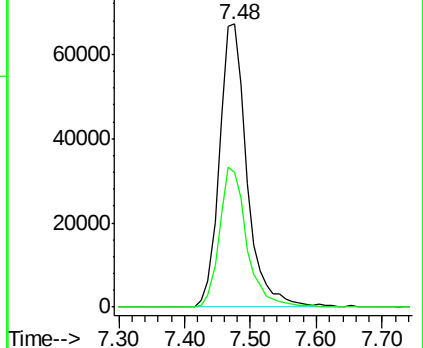
65 100

67 47.7 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# 692

Delta R.T. 0.04 min

Lab File: VD061545.D

Acq: 3 Apr 2019 8:15

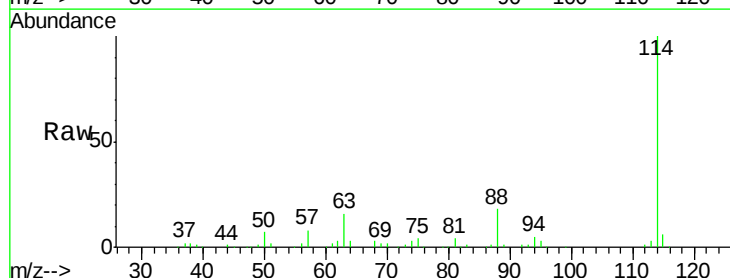
Tgt Ion: 114 Resp: 768969

Ion Ratio Lower Upper

114 100

63 16.3 0.0 31.6

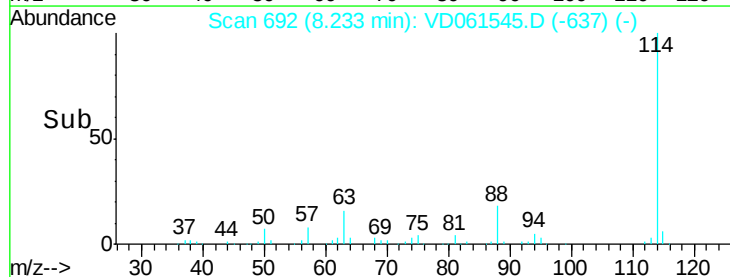
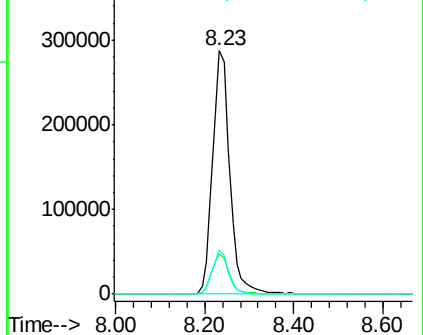
88 17.9 0.0 33.4

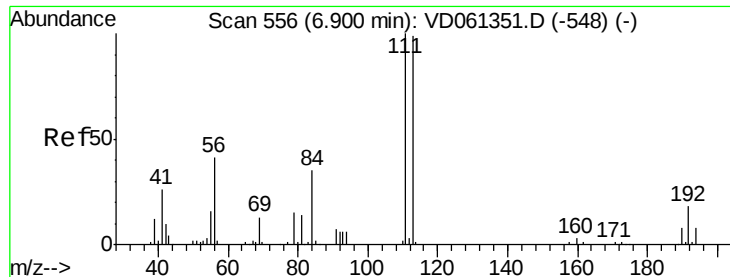


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

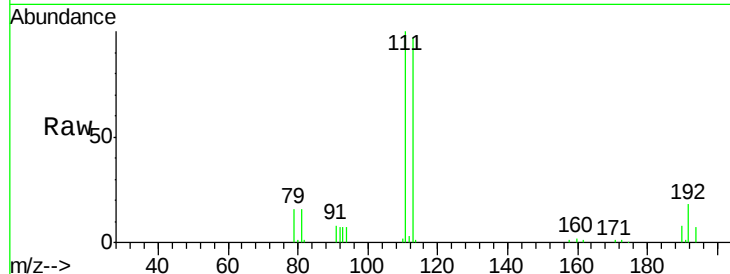




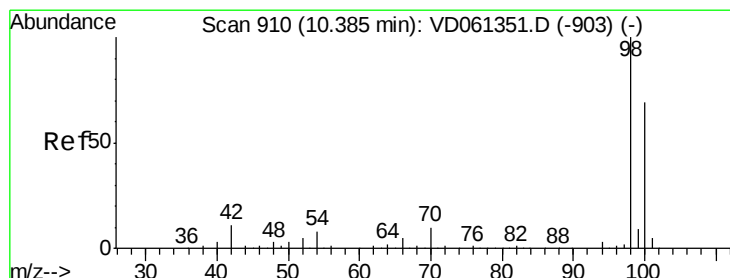
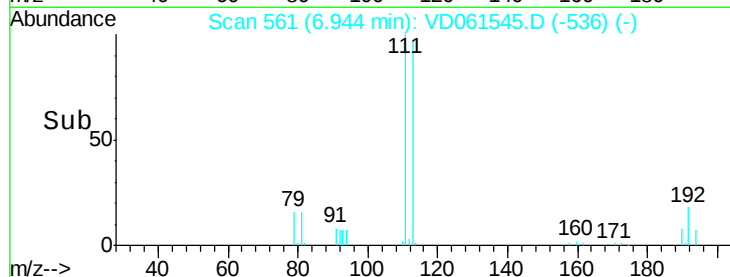
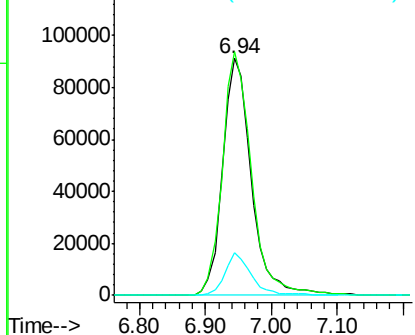
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.94 min Scan# 561
Delta R.T. 0.04 min
Lab File: VD061545.D
Acq: 3 Apr 2019 8:15

Instrument :
MSVOA_D
ClientSampleId :
DPC-91723-SO-TP5-A

Tot Ion:113 Resp: 279302
Ion Ratio Lower Upper
113 100
111 102.7 81.0 121.6
192 18.0 14.4 21.6

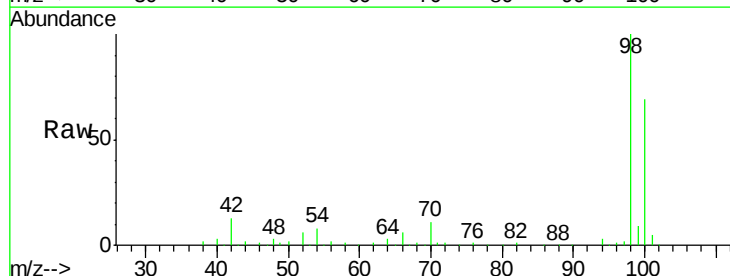


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

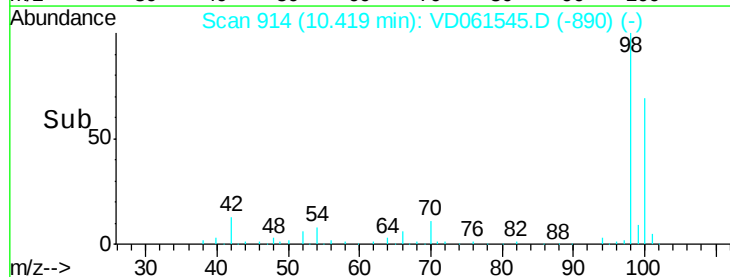
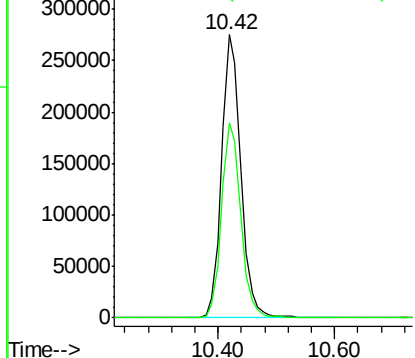


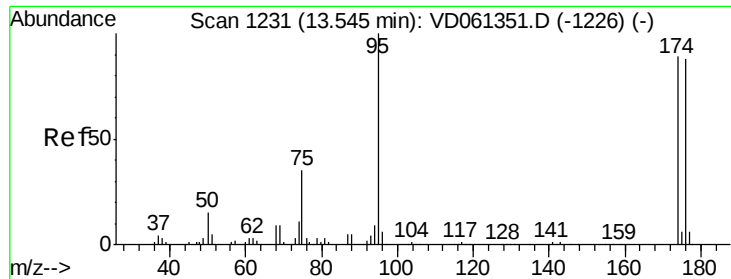
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.03 min
Lab File: VD061545.D
Acq: 3 Apr 2019 8:15

Tgt Ion: 98 Resp: 628623
Ion Ratio Lower Upper
98 100
100 68.9 56.2 84.2



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

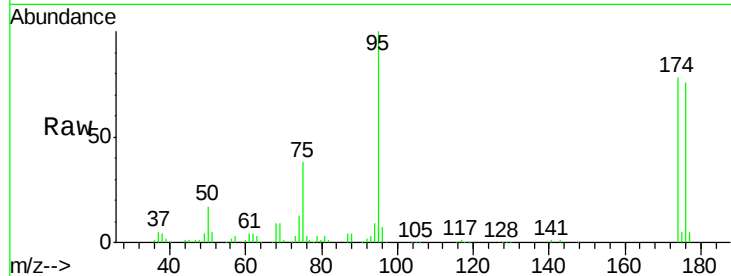




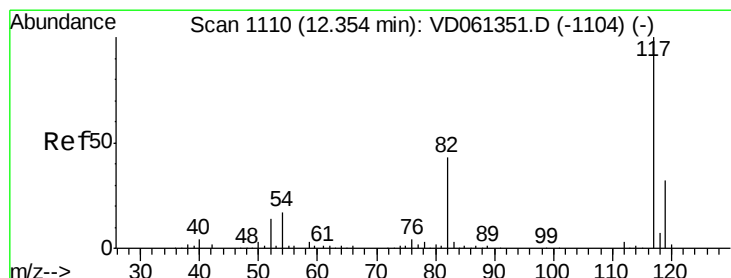
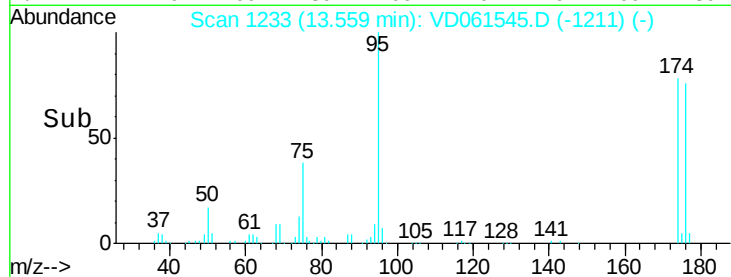
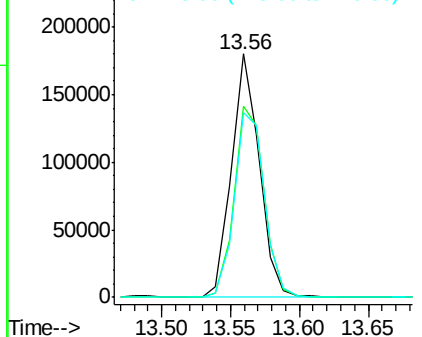
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD061545.D
Acq: 3 Apr 2019 8:15

Instrument :
MSVOA_D
ClientSampleId :
DPC-91723-SO-TP5-A

Tot Ion: 95 Resp: 253904
Ion Ratio Lower Upper
95 100
174 78.3 0.0 178.0
176 76.0 0.0 175.0

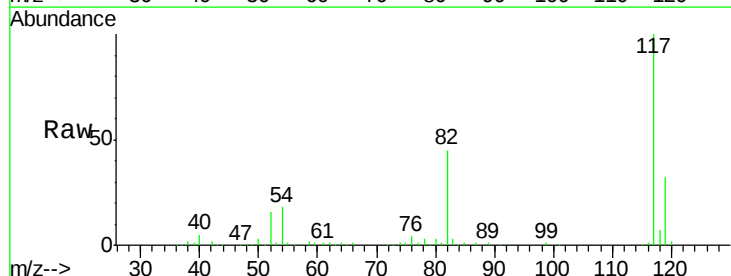


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

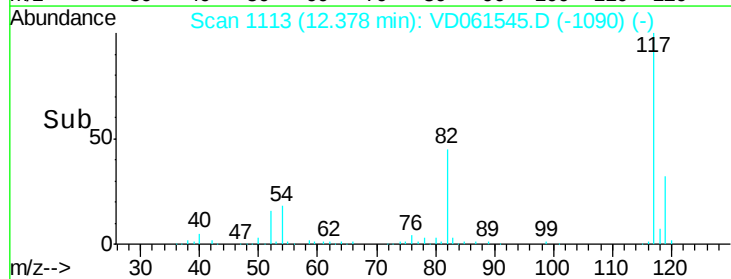
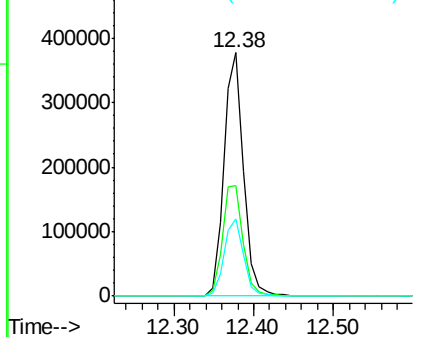


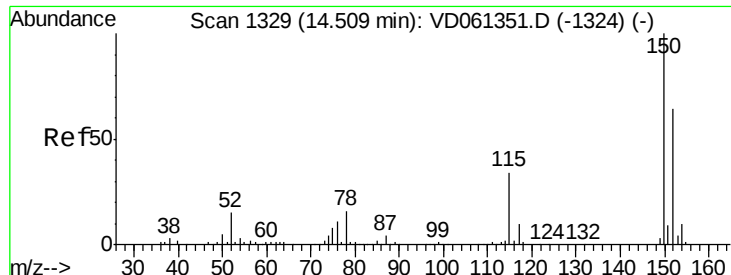
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD061545.D
Acq: 3 Apr 2019 8:15

Tgt Ion: 117 Resp: 649151
Ion Ratio Lower Upper
117 100
82 45.5 34.4 51.6
119 31.9 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# 1331

Delta R.T. 0.01 min

Lab File: VD061545.D

Acq: 3 Apr 2019 8:15

Instrument :

MSVOA_D

ClientSampleId :

DPC-91723-SO-TP5-A

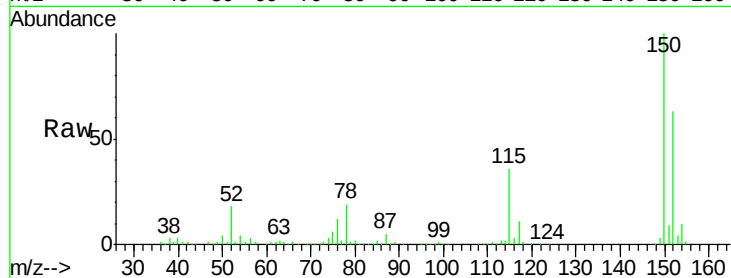
Tot Ion:152 Resp: 297592

Ion Ratio Lower Upper

152 100

115 56.6 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

