

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041119\
 Data File : VD061742.D
 Acq On : 11 Apr 2019 15:48
 Operator : VA/AP
 Sample : K2200-01
 Misc : 6.66g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-01-040919-A

Quant Time: Apr 12 02:00:41 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

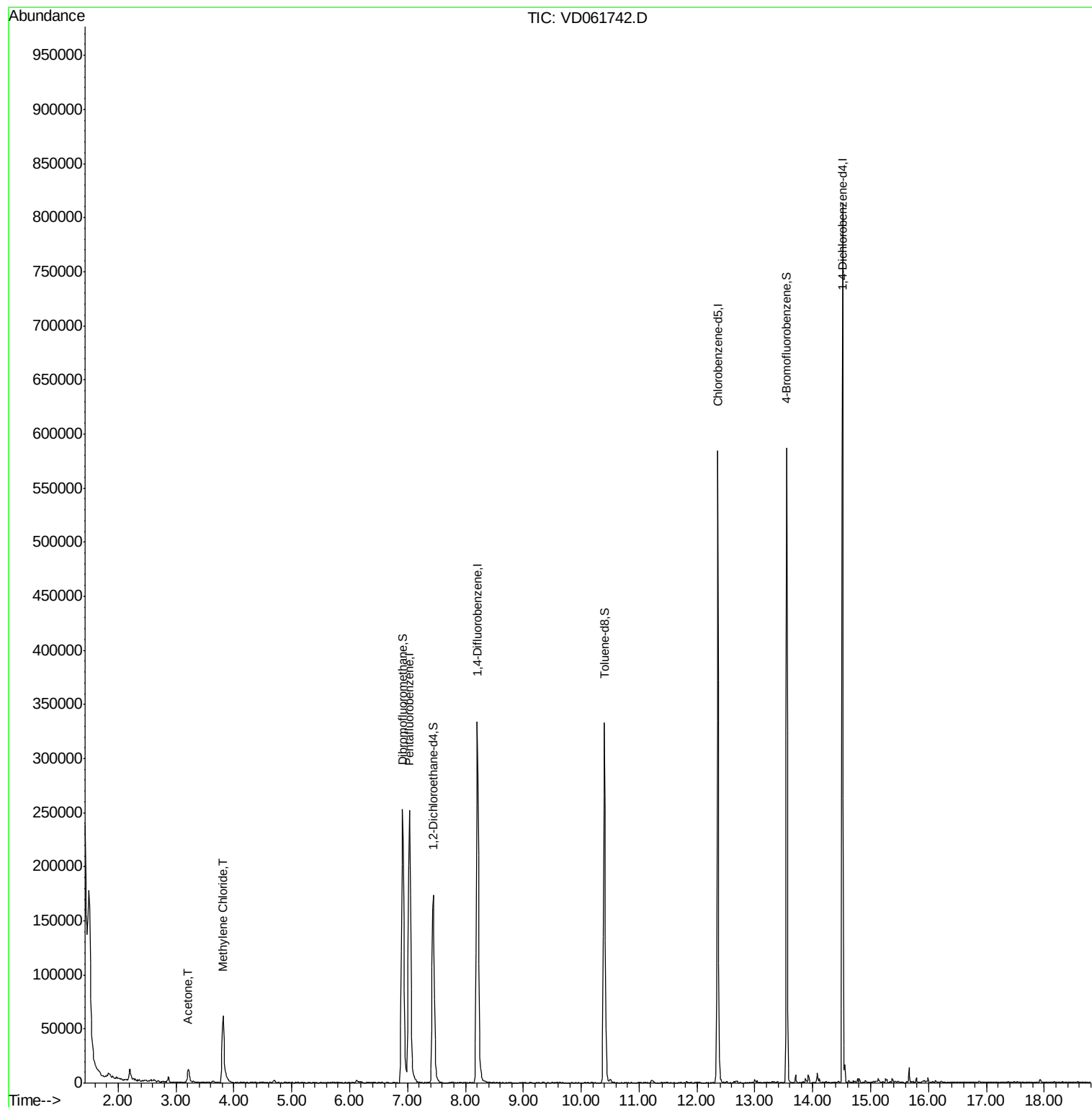
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	269413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	425836	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	339347	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	184362	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	177288	86.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	173.64%	
35) Dibromofluoromethane	6.91	113	233372	79.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	158.22%	
50) Toluene-d8	10.40	98	291876	39.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.76%	
62) 4-Bromofluorobenzene	13.55	95	177880	76.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	152.86%	
Target Compounds						
16) Acetone	3.21	43	22279	36.495	ug/l #	86
20) Methylene Chloride	3.81	84	48190	13.911	ug/l	98

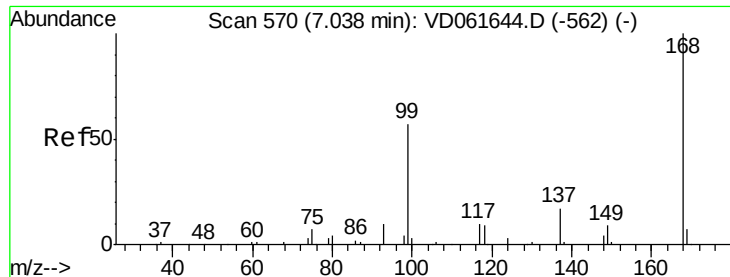
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.00 min

Lab File: VD061742.D

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Instrument :

MSVOA_D

ClientSampleId :

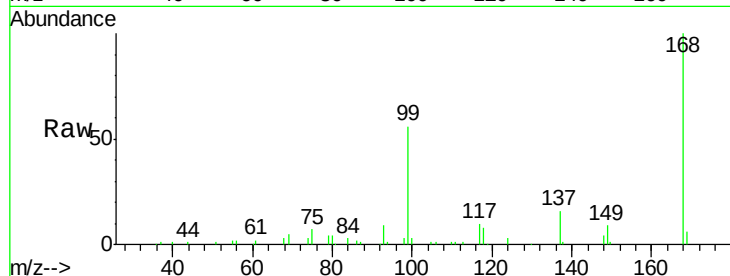
EO-01-040919-A

Tot Ion:168 Resp: 269413

Ion Ratio Lower Upper

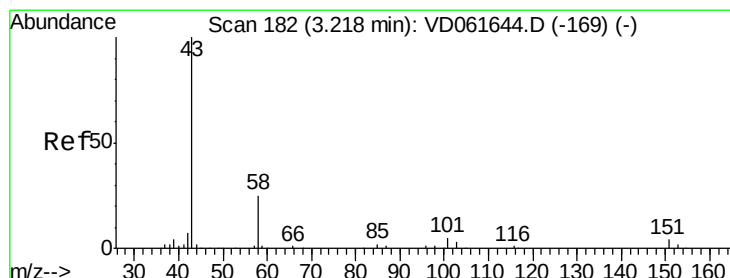
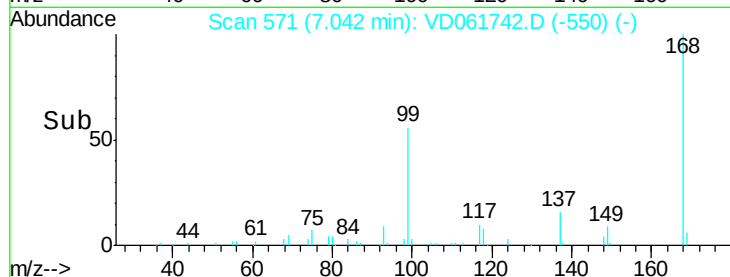
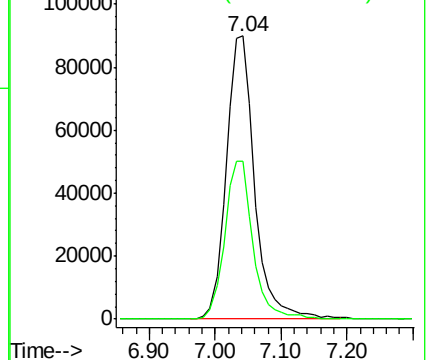
168 100

99 56.0 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 36.495 ug/l

RT: 3.21 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD061742.D

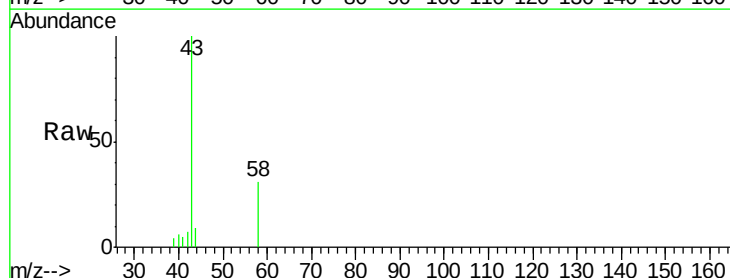
Acq: 11 Apr 2019 15:48

Tgt Ion: 43 Resp: 22279

Ion Ratio Lower Upper

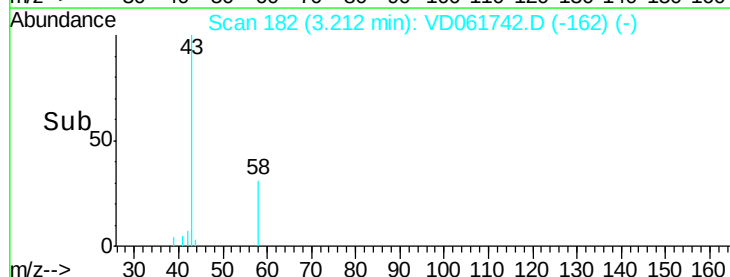
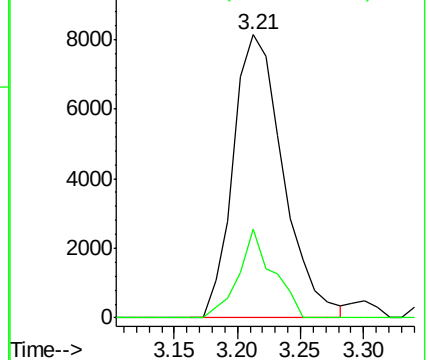
43 100

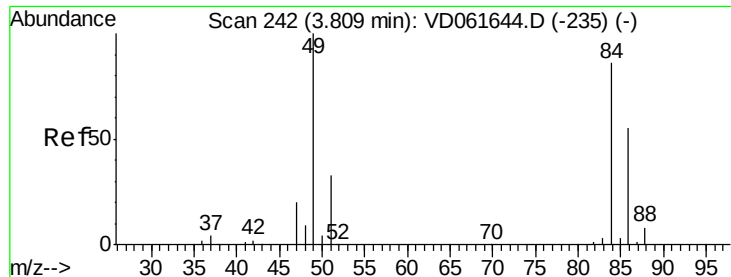
58 31.4 19.7 29.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

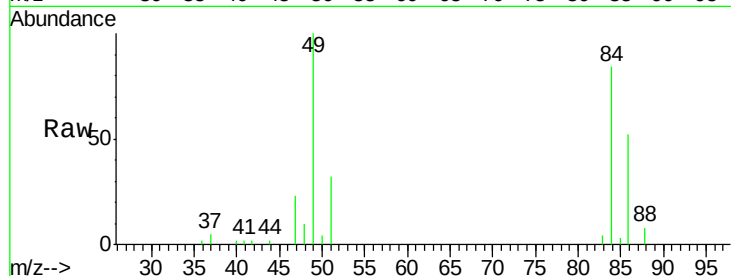




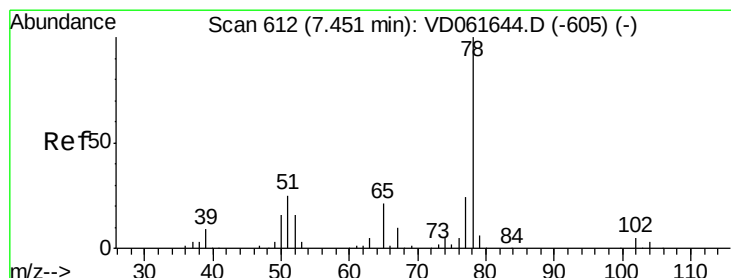
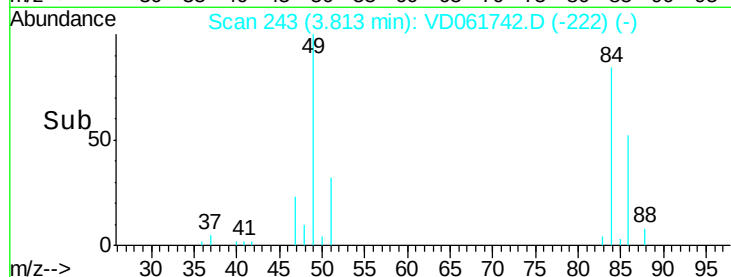
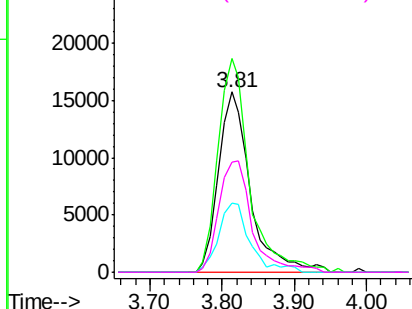
#20
Methylene Chloride
Concen: 13.911 ug/l
RT: 3.81 min Scan# 243
Delta R.T. 0.00 min
Lab File: VD061742.D
Acq: 11 Apr 2019 15:48

Instrument :
MSVOA_D
ClientSampleId :
EO-01-040919-A

Tot Ion: 84 Resp: 48190
Ion Ratio Lower Upper
84 100
49 118.7 93.0 139.4
51 38.5 30.4 45.6
86 61.2 51.0 76.4

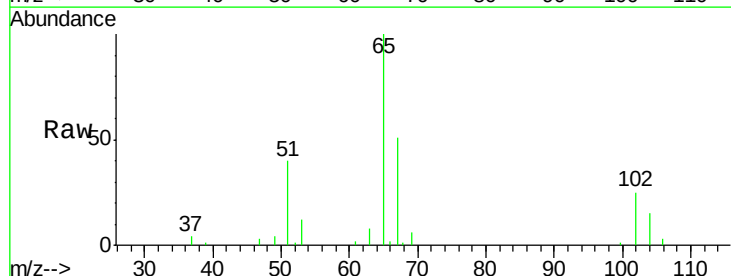


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

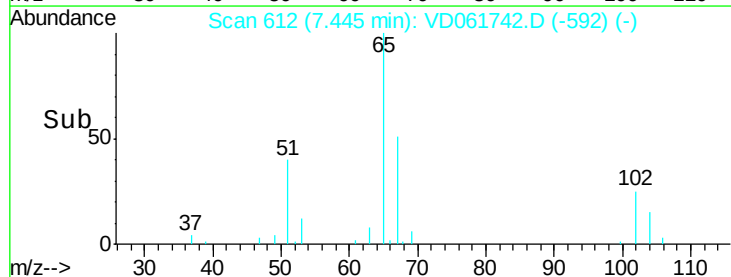
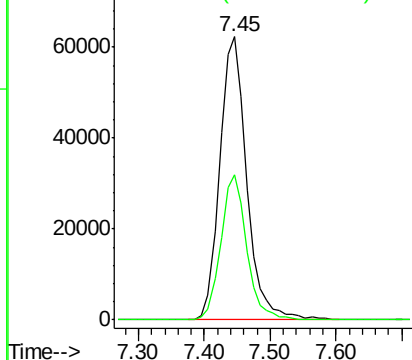


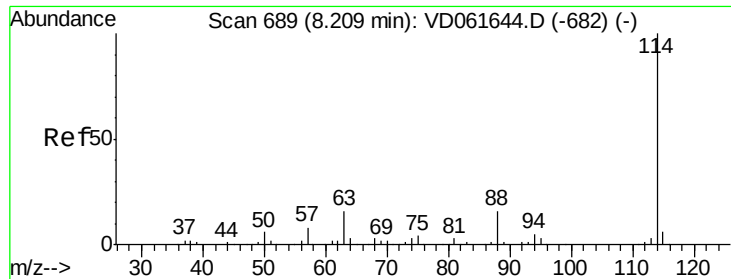
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.01 min
Lab File: VD061742.D
Acq: 11 Apr 2019 15:48

Tgt Ion: 65 Resp: 177288
Ion Ratio Lower Upper
65 100
67 51.3 0.0 99.4



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

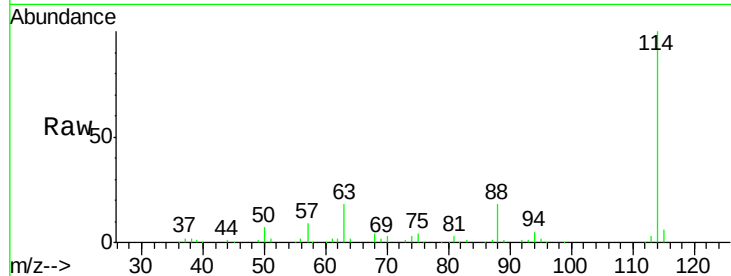




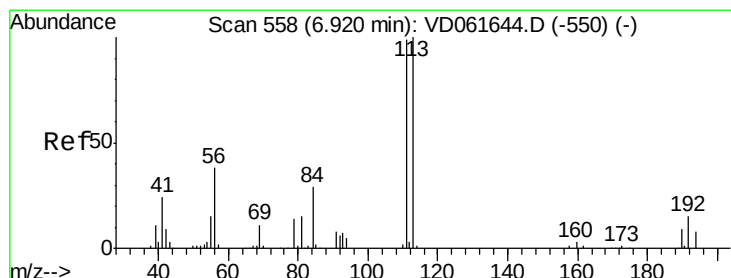
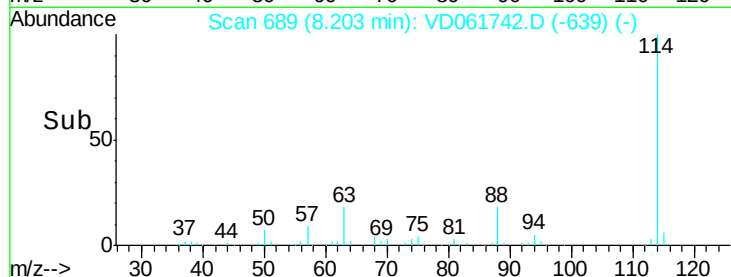
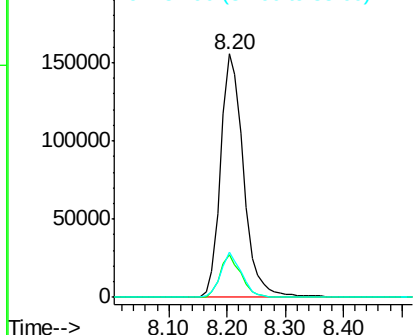
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: VD061742.D
 Acq: 11 Apr 2019 15:48

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-01-040919-A

Tot Ion:114 Resp: 425836
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 31.2
 88 18.3 0.0 31.8

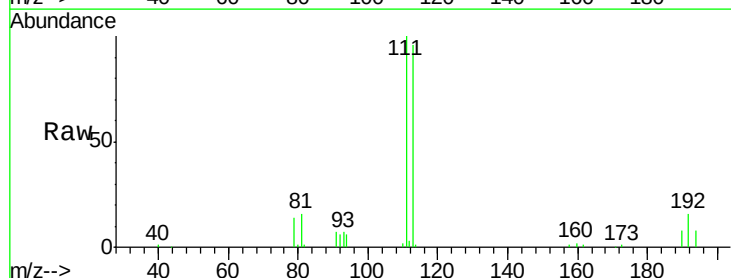


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

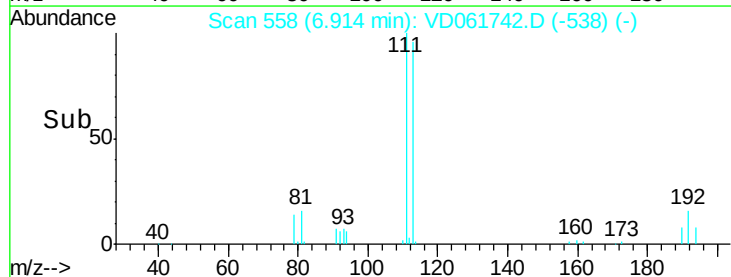
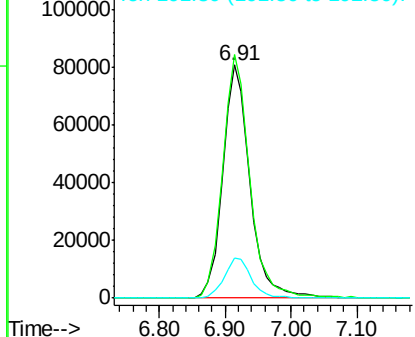


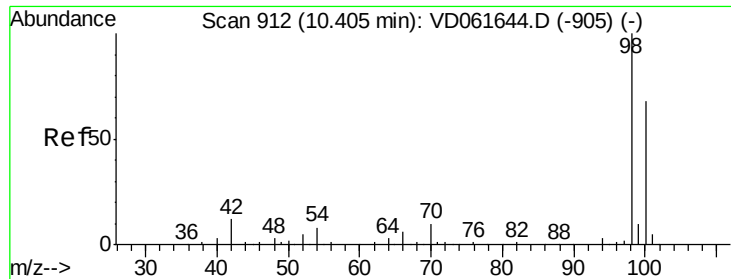
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: VD061742.D
 Acq: 11 Apr 2019 15:48

Tgt Ion:113 Resp: 233372
 Ion Ratio Lower Upper
 113 100
 111 104.4 79.3 118.9
 192 17.2 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

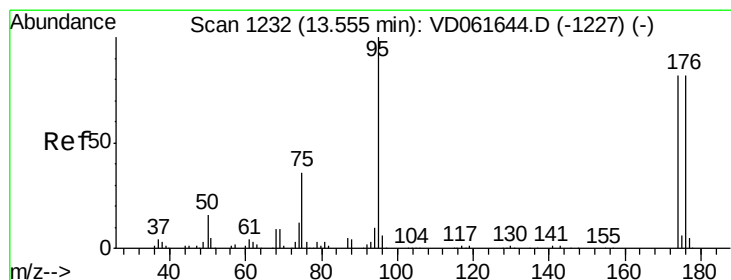
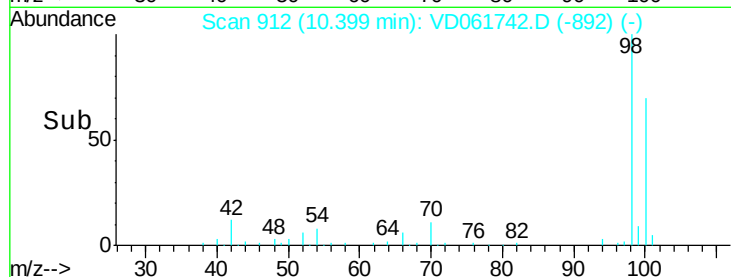
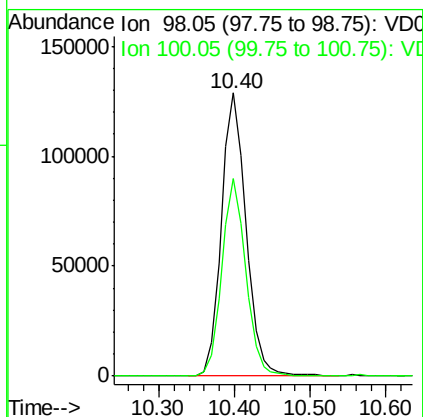
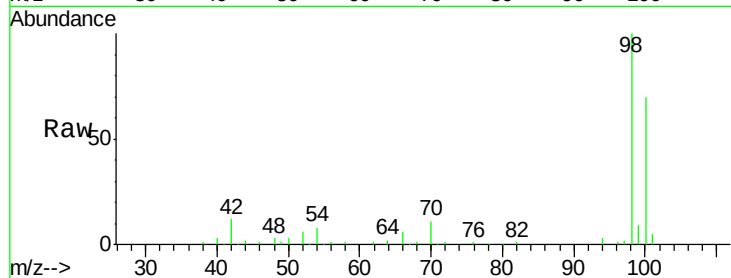




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD061742.D
Acq: 11 Apr 2019 15:48

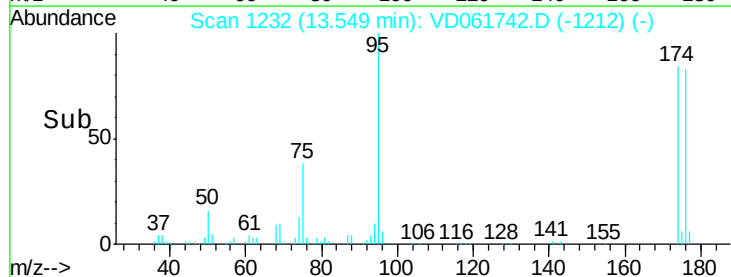
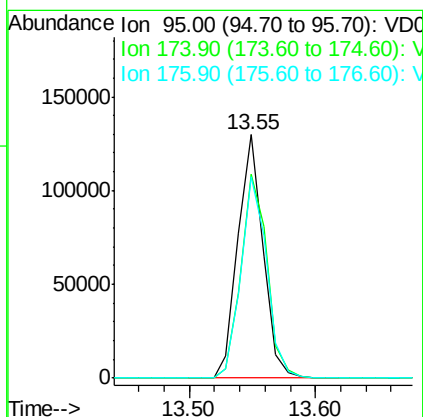
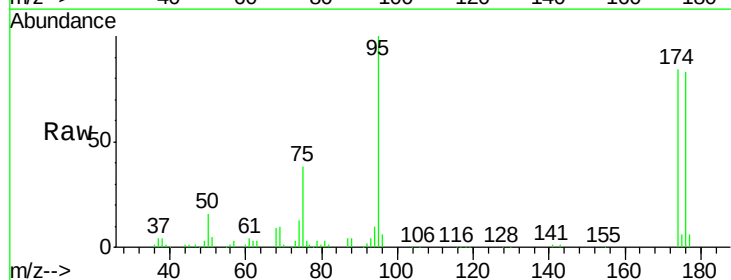
Instrument :
MSVOA_D
ClientSampleId :
EO-01-040919-A

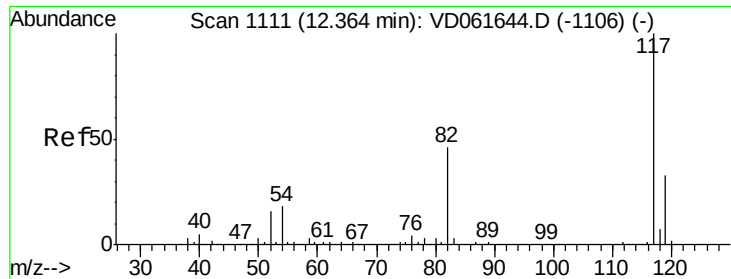
Tot Ion: 98 Resp: 291876
Ion Ratio Lower Upper
98 100
100 69.7 55.4 83.0



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD061742.D
Acq: 11 Apr 2019 15:48

Tgt Ion: 95 Resp: 177880
Ion Ratio Lower Upper
95 100
174 83.9 0.0 164.6
176 83.0 0.0 165.0

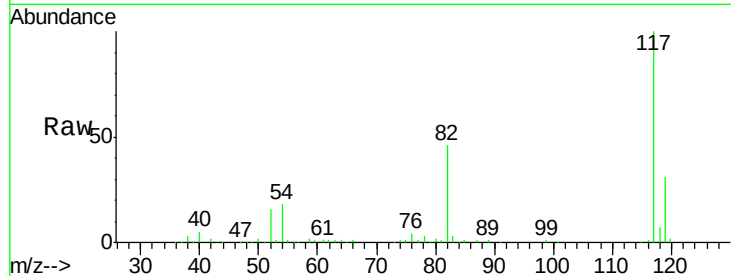




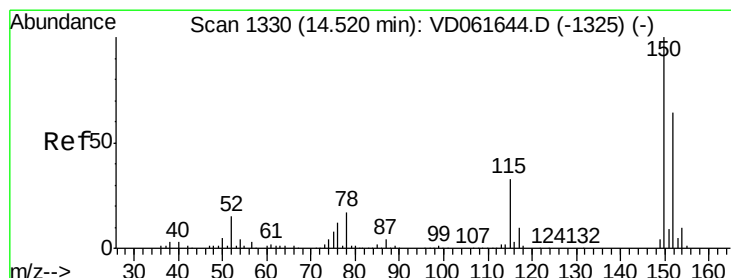
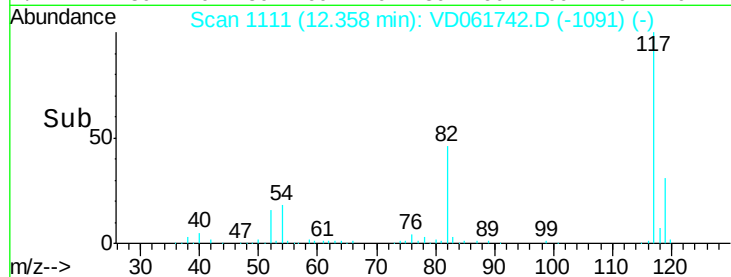
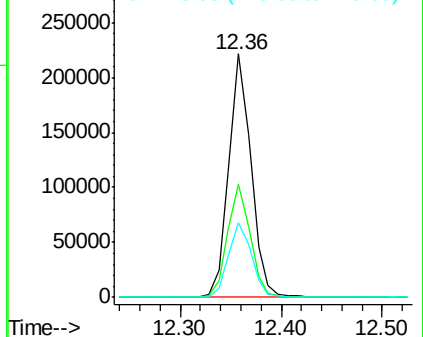
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD061742.D
Acq: 11 Apr 2019 15:48

Instrument :
MSVOA_D
ClientSampleId :
EO-01-040919-A

Tot Ion:117 Resp: 339347
Ion Ratio Lower Upper
117 100
82 46.3 36.8 55.2
119 30.7 26.1 39.1

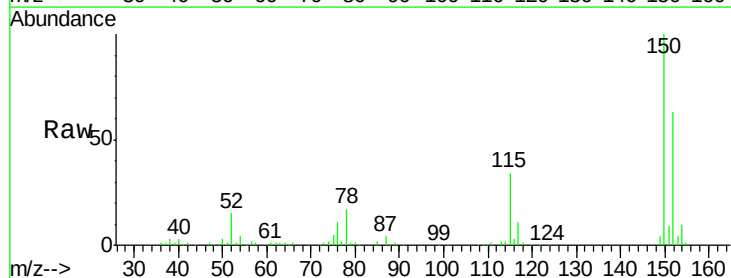


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD061742.D
Acq: 11 Apr 2019 15:48

Tgt Ion:152 Resp: 184362
Ion Ratio Lower Upper
152 100
115 53.6 26.4 79.2
150 158.2 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

