

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040219\
 Data File : VD061525.D
 Acq On : 2 Apr 2019 20:16
 Operator : VA/AP
 Sample : K2178-07RE
 Misc : 4.88g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC-16RE

Quant Time: Apr 03 08:47:48 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

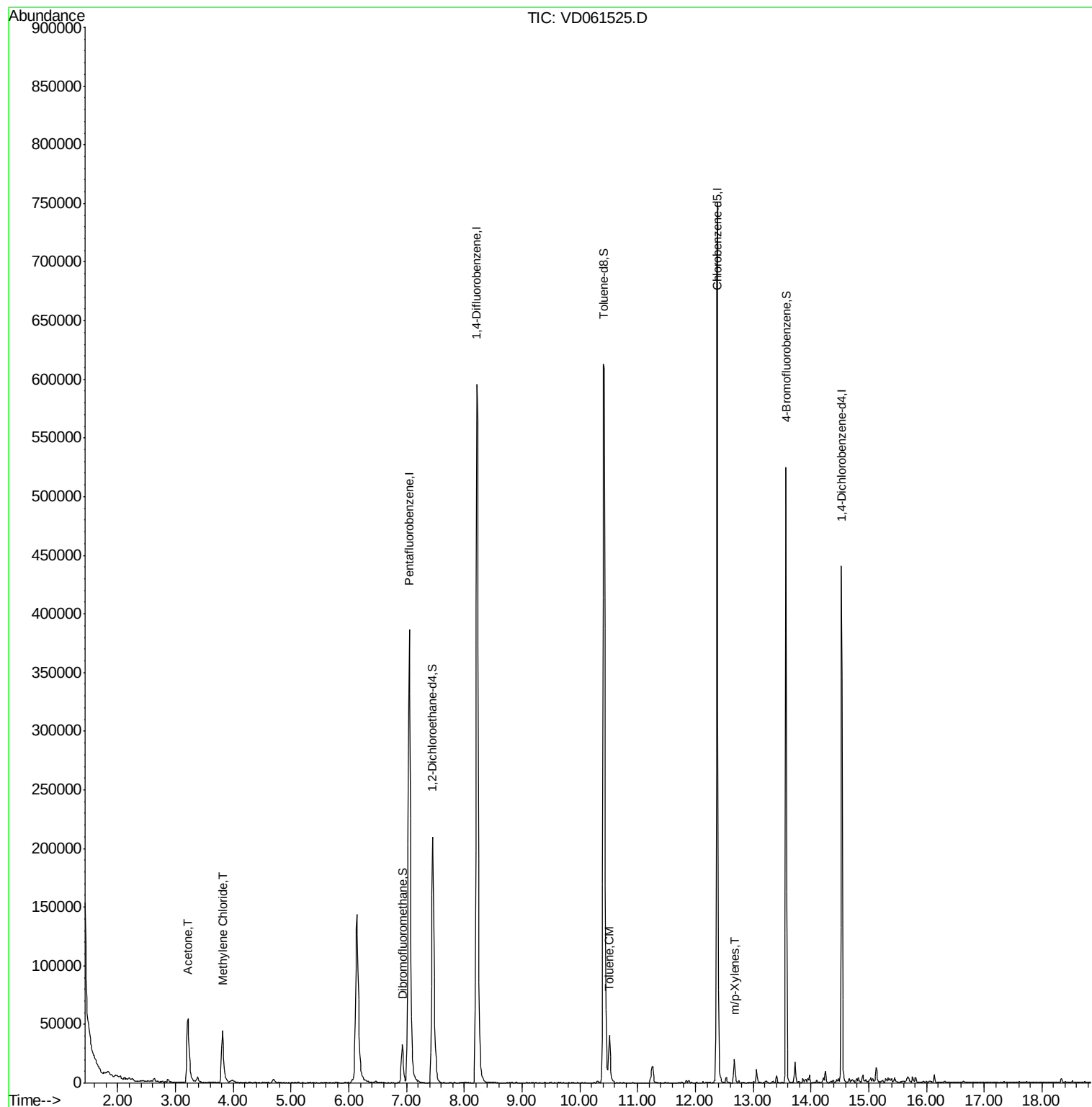
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	401481	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	743333	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	481348	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	14.53	152	107465	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	217736	63.49	ug/l	0.02
Spiked Amount 50.000			Recovery	=	126.98%	
35) Dibromofluoromethane	6.93	113	32804	5.77	ug/l	0.03
Spiked Amount 50.000			Recovery	=	11.54%	
50) Toluene-d8	10.42	98	578012	42.43	ug/l	0.04
Spiked Amount 50.000			Recovery	=	84.86%	
62) 4-Bromofluorobenzene	13.56	95	178528	34.17	ug/l	0.02
Spiked Amount 50.000			Recovery	=	68.34%	
Target Compounds						
16) Acetone	3.21	43	113346	128.563	ug/l	96
20) Methylene Chloride	3.82	84	31617	4.661	ug/l	91
52) Toluene	10.51	92	23800	2.396	ug/l	98
68) m/p-Xylenes	12.68	106	7355	1.293	ug/l	82

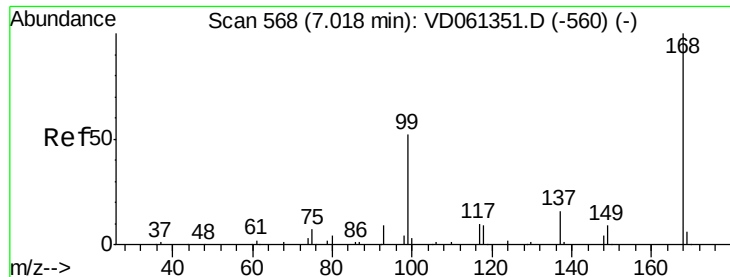
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040219\
Data File : VD061525.D
Acq On : 2 Apr 2019 20:16
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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: 7.05 min Scan# 571

Delta R.T. 0.03 min

Lab File: VD061525.D

Acq: 2 Apr 2019 20:16

Instrument :

MSVOA_D

ClientSampleId :

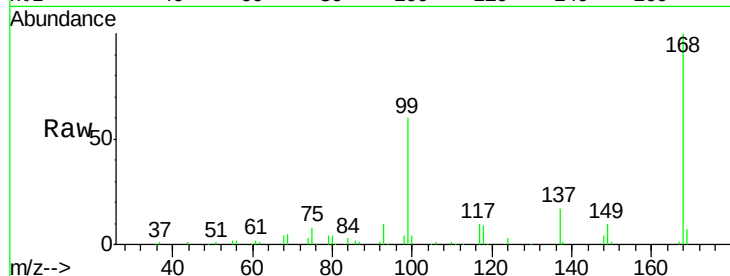
VOC-16RE

Tot Ion:168 Resp: 401481

Ion Ratio Lower Upper

168 100

99 59.6 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

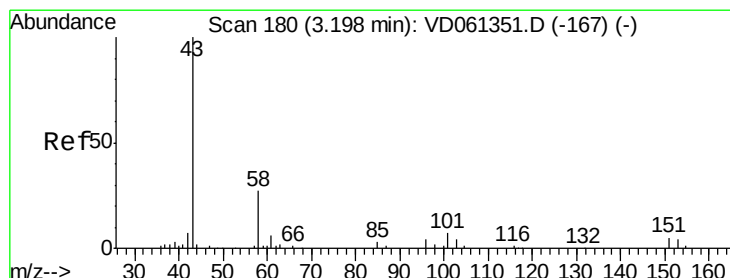
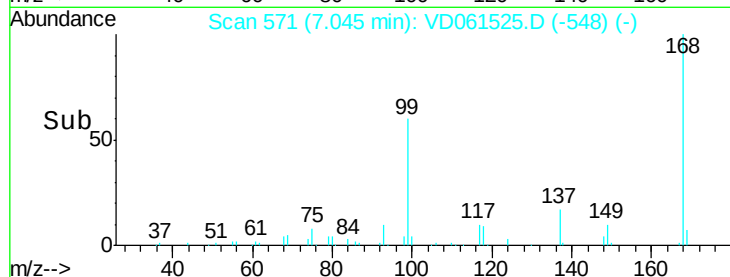
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 128.563 ug/l

RT: 3.21 min Scan# 181

Delta R.T. 0.01 min

Lab File: VD061525.D

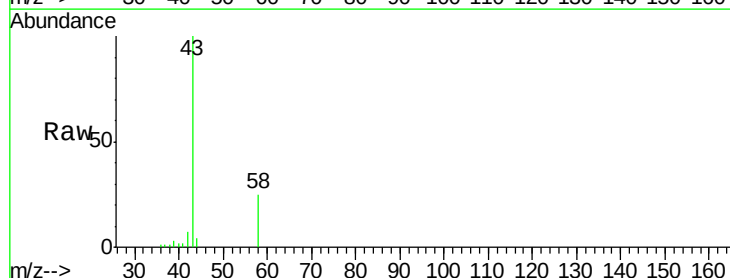
Acq: 2 Apr 2019 20:16

Tgt Ion: 43 Resp: 113346

Ion Ratio Lower Upper

43 100

58 24.8 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.21

40000

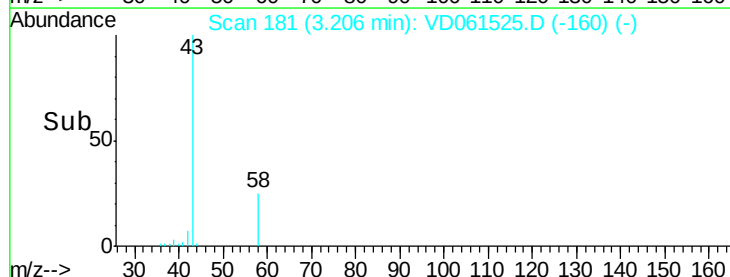
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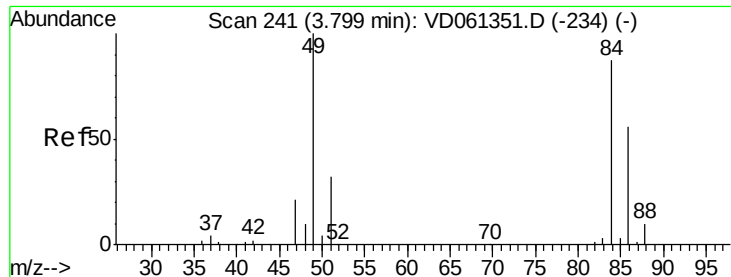
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Time-->

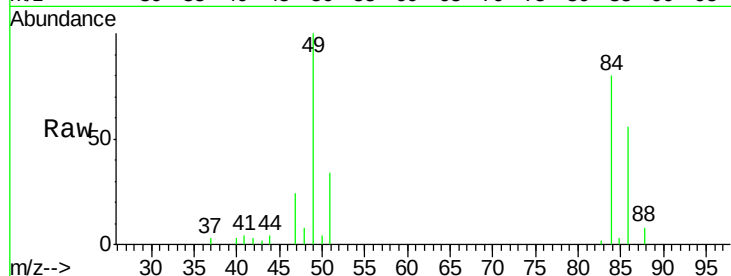




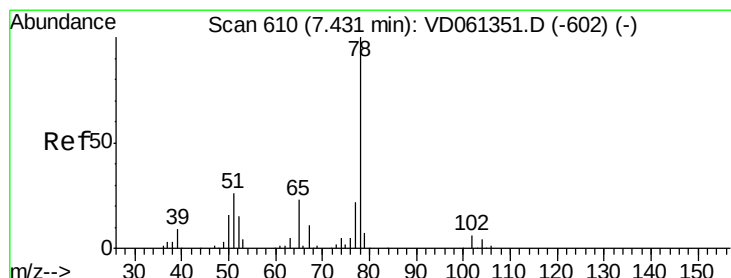
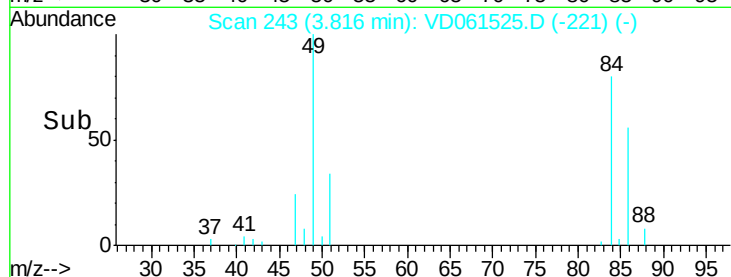
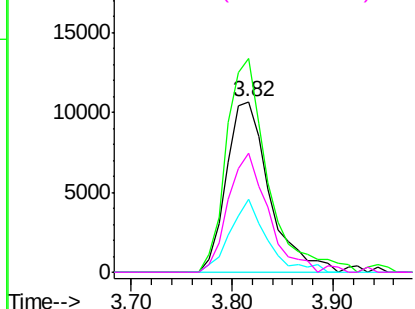
#20
Methylene Chloride
Concen: 4.661 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.02 min
Lab File: VD061525.D
Acq: 2 Apr 2019 20:16

Instrument :
MSVOA_D
ClientSampleId :
VOC-16RE

Tot Ion: 84 Resp: 31617
Ion Ratio Lower Upper
84 100
49 125.3 91.8 137.8
51 42.8 29.8 44.8
86 70.0 51.8 77.6

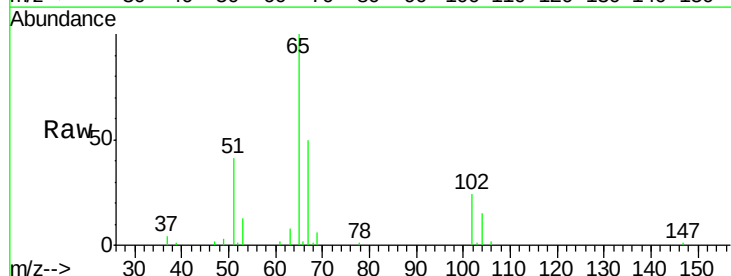


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

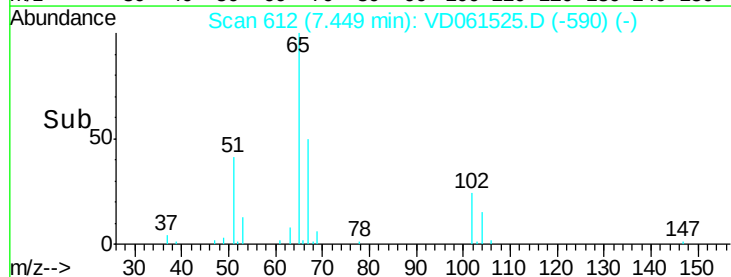
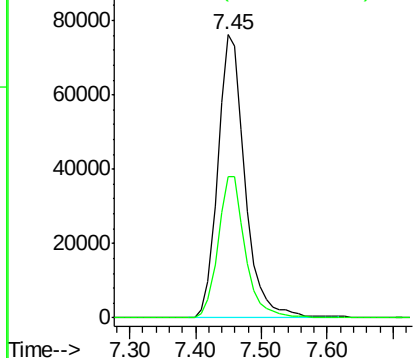


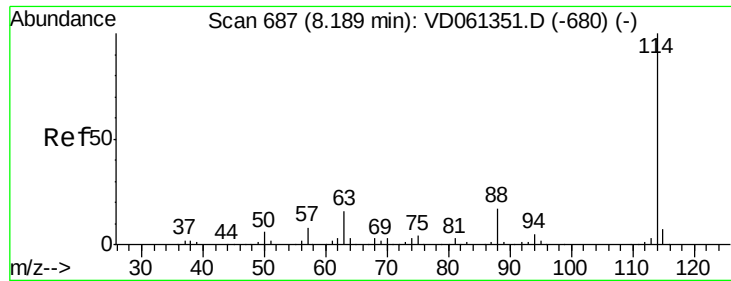
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.02 min
Lab File: VD061525.D
Acq: 2 Apr 2019 20:16

Tgt Ion: 65 Resp: 217736
Ion Ratio Lower Upper
65 100
67 49.8 0.0 99.8



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

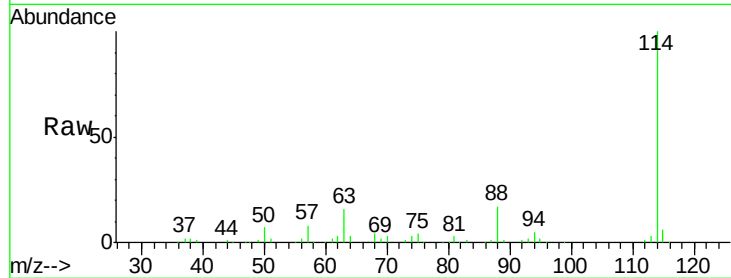




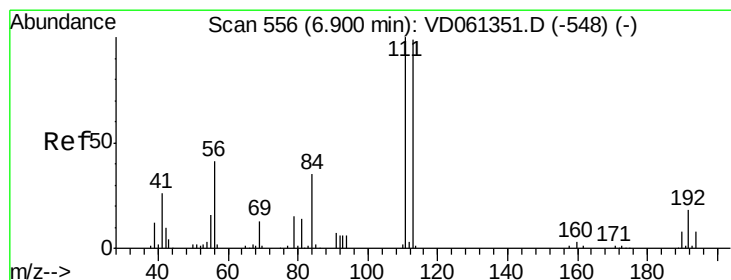
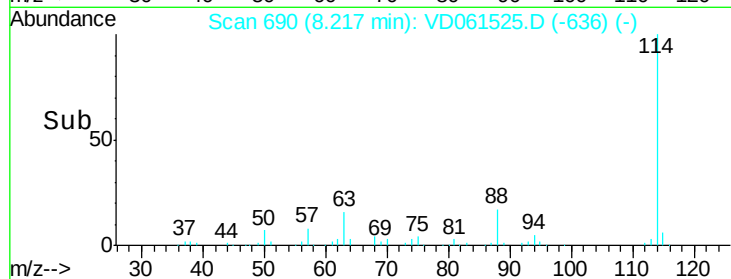
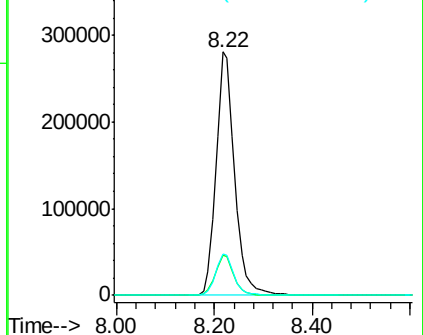
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.03 min
 Lab File: VD061525.D
 Acq: 2 Apr 2019 20:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC-16RE

Tot Ion:114 Resp: 743333
 Ion Ratio Lower Upper
 114 100
 63 16.4 0.0 31.6
 88 16.9 0.0 33.4

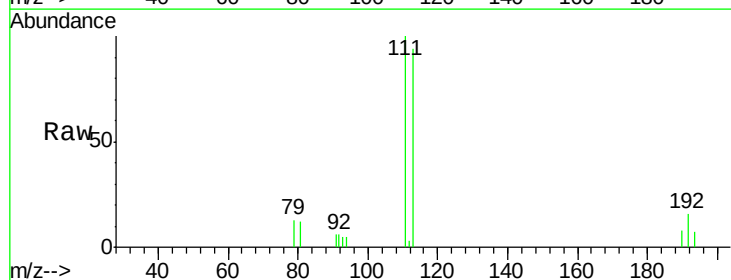


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

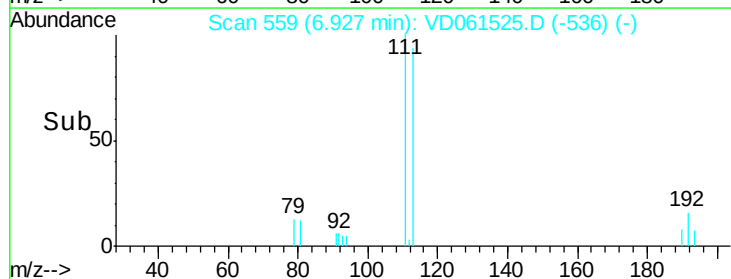
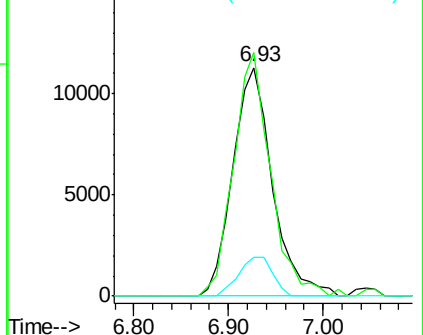


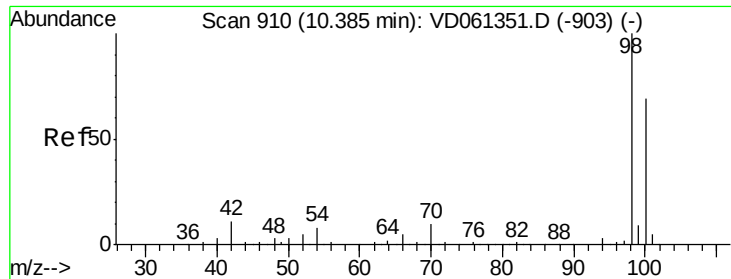
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.03 min
 Lab File: VD061525.D
 Acq: 2 Apr 2019 20:16

Tgt Ion:113 Resp: 32804
 Ion Ratio Lower Upper
 113 100
 111 106.5 81.0 121.6
 192 17.2 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

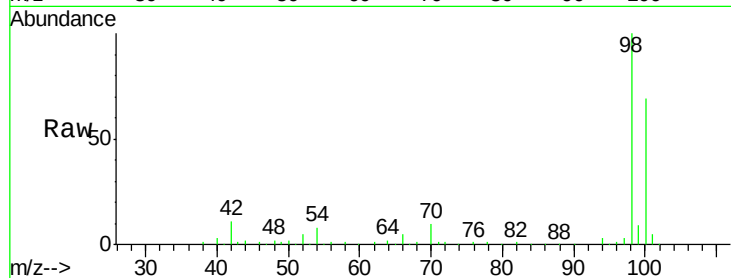




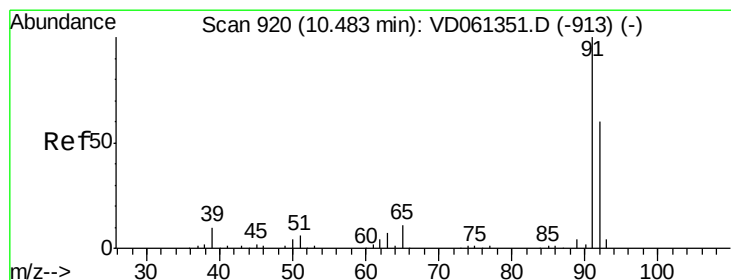
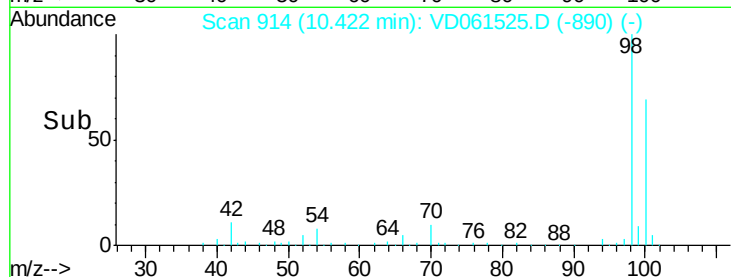
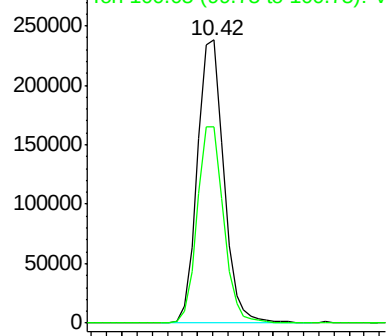
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.04 min
Lab File: VD061525.D
Acq: 2 Apr 2019 20:16

Instrument :
MSVOA_D
ClientSampleId :
VOC-16RE

Tot Ion: 98 Resp: 578012
Ion Ratio Lower Upper
98 100
100 69.3 56.2 84.2

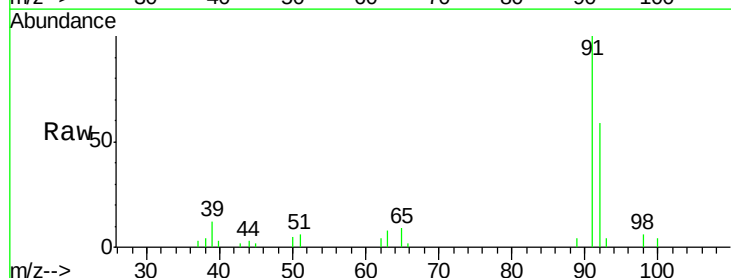


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

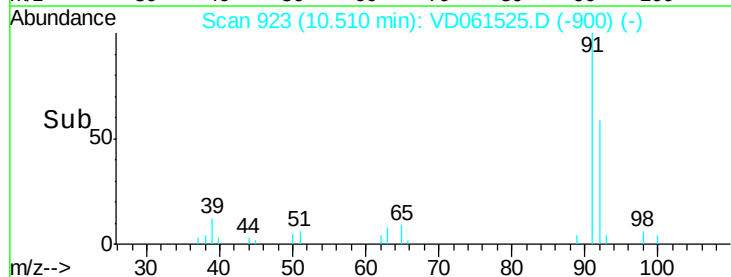
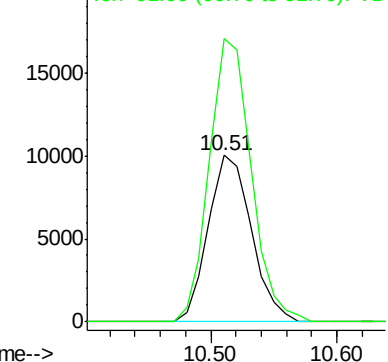


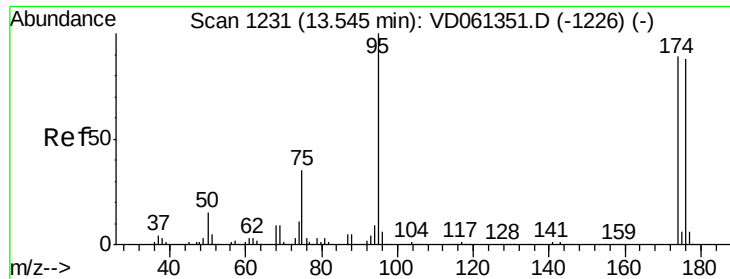
#52
Toluene
Concen: 2.396 ug/l
RT: 10.51 min Scan# 923
Delta R.T. 0.03 min
Lab File: VD061525.D
Acq: 2 Apr 2019 20:16

Tgt Ion: 92 Resp: 23800
Ion Ratio Lower Upper
92 100
91 169.8 133.3 199.9



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

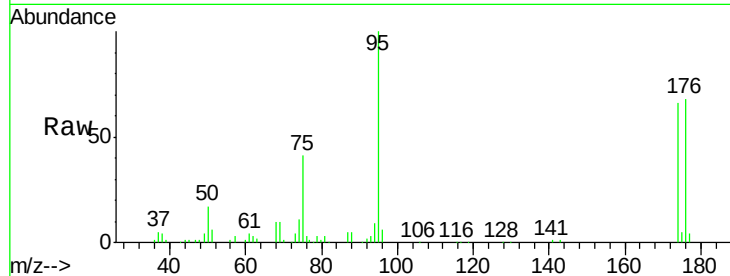




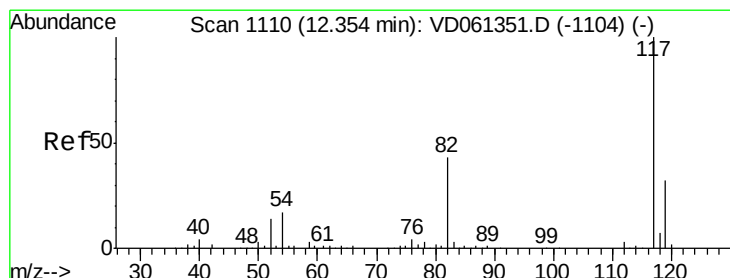
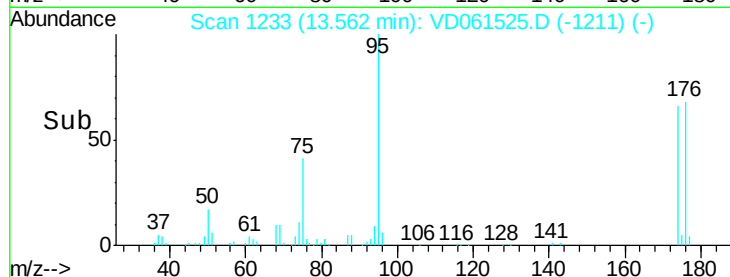
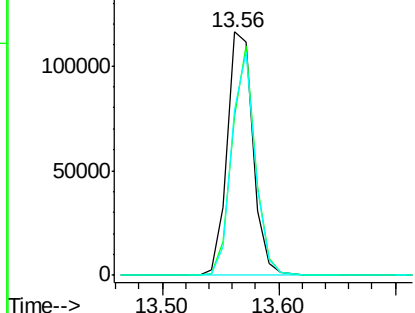
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.02 min
Lab File: VD061525.D
Acq: 2 Apr 2019 20:16

Instrument :
MSVOA_D
ClientSampleId :
VOC-16RE

Tot Ion: 95 Resp: 178528
Ion Ratio Lower Upper
95 100
174 65.6 0.0 178.0
176 68.2 0.0 175.0

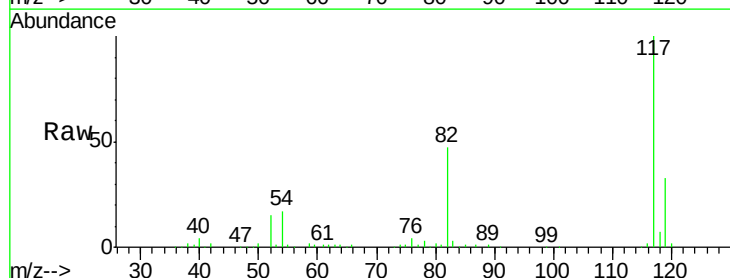


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

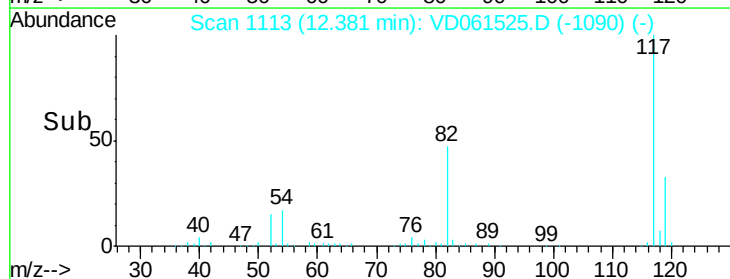
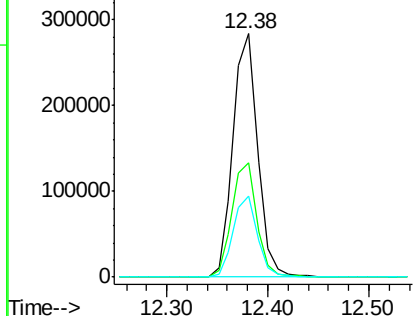


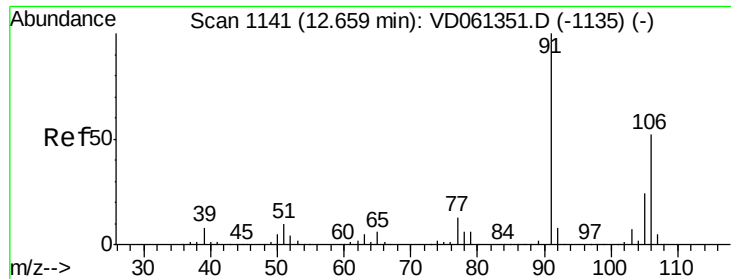
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.03 min
Lab File: VD061525.D
Acq: 2 Apr 2019 20:16

Tgt Ion: 117 Resp: 481348
Ion Ratio Lower Upper
117 100
82 46.8 34.4 51.6
119 33.5 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

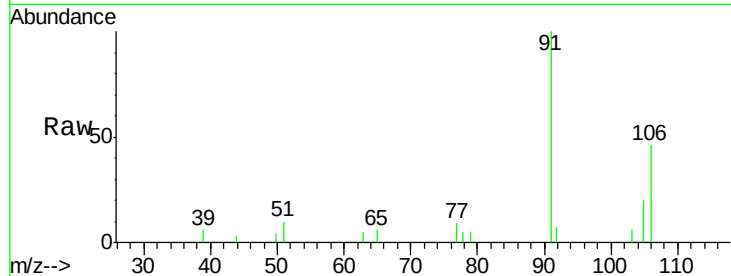




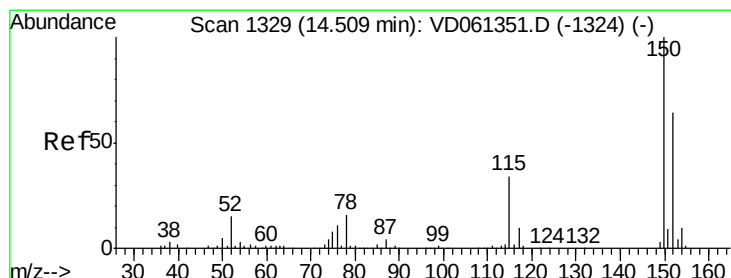
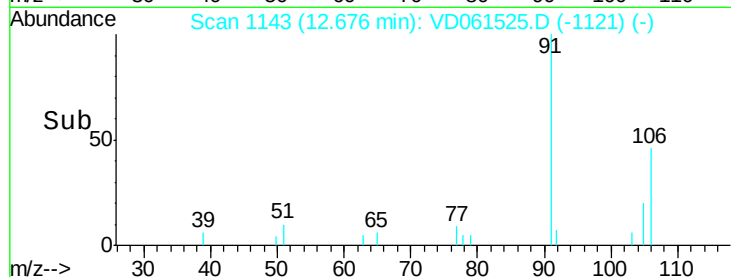
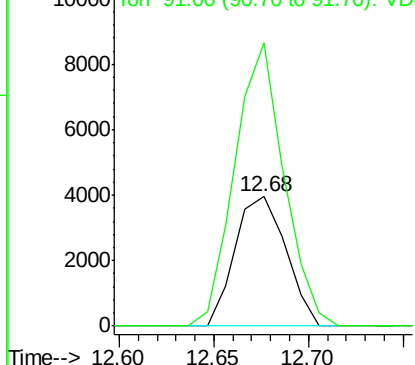
#68
m/p-Xylenes
Concen: 1.293 ug/l
RT: 12.68 min Scan# 1143
Delta R.T. 0.02 min
Lab File: VD061525.D
Acq: 2 Apr 2019 20:16

Instrument :
MSVOA_D
ClientSampleId :
VOC-16RE

Tot Ion:106 Resp: 7355
Ion Ratio Lower Upper
106 100
91 218.2 153.1 229.7

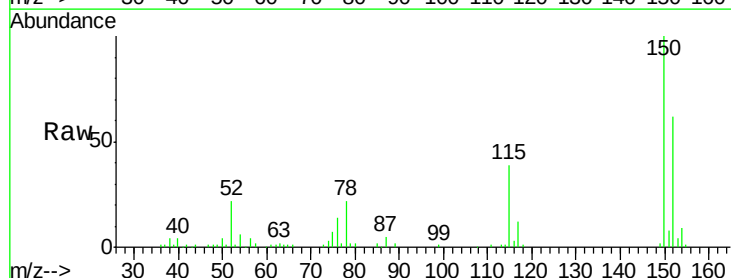


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.02 min
Lab File: VD061525.D
Acq: 2 Apr 2019 20:16

Tgt Ion:152 Resp: 107465
Ion Ratio Lower Upper
152 100
115 63.8 26.9 80.6
150 162.3 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

