

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040219\
 Data File : VD061526.D
 Acq On : 2 Apr 2019 20:44
 Operator : VA/AP
 Sample : K2178-08RE
 Misc : 5.48g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC-17RE

Quant Time: Apr 03 02:58:07 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

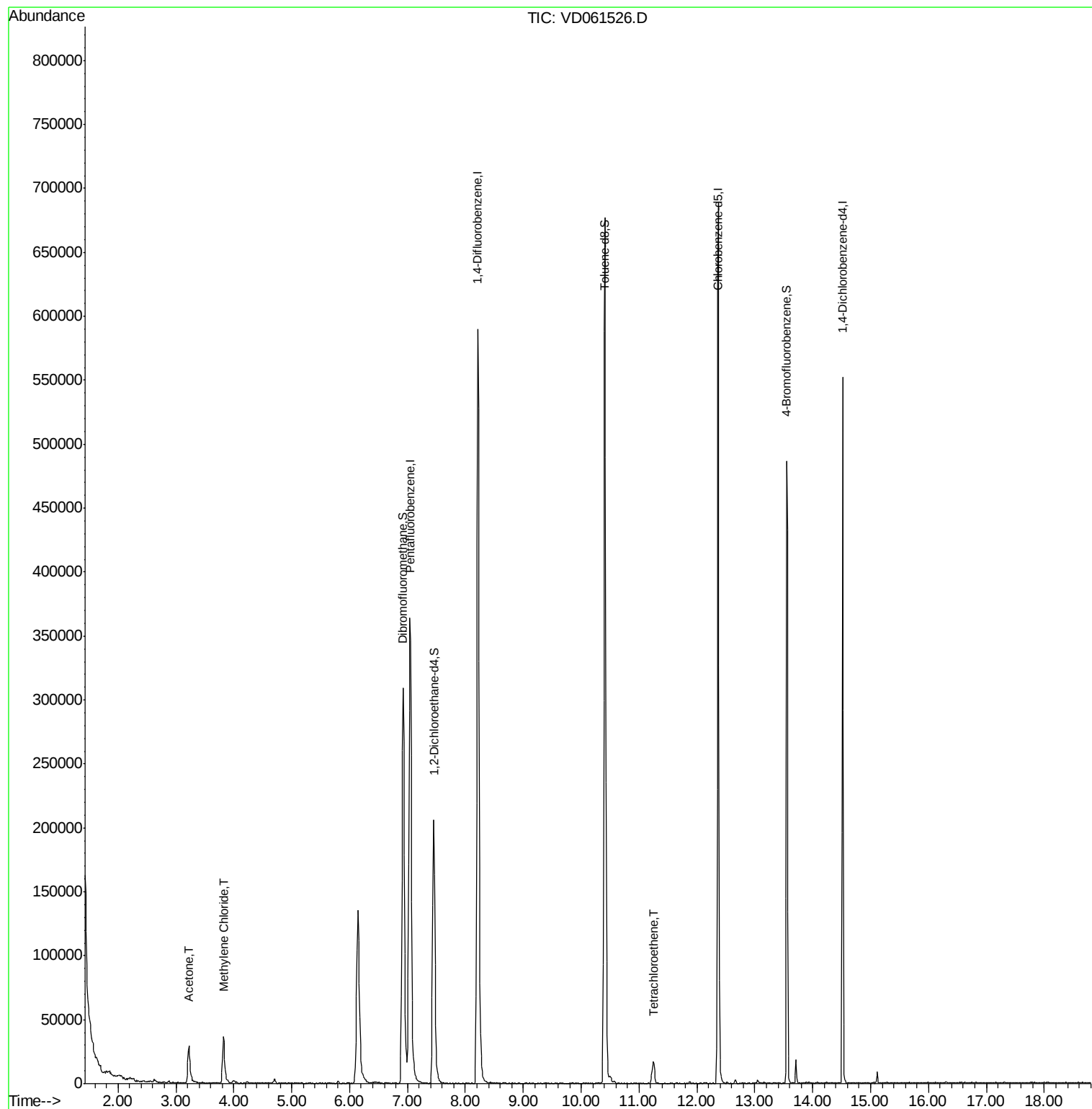
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	389064	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.21	114	722472	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	447287	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	118924	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	216530	65.15	ug/l	0.02
Spiked Amount 50.000			Recovery	=	130.30%	
35) Dibromofluoromethane	6.92	113	294135	53.28	ug/l	0.02
Spiked Amount 50.000			Recovery	=	106.56%	
50) Toluene-d8	10.41	98	589574	44.52	ug/l	0.02
Spiked Amount 50.000			Recovery	=	89.04%	
62) 4-Bromofluorobenzene	13.55	95	162224	31.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.90%	
Target Compounds						
16) Acetone	3.22	43	63604	74.445	ug/l	97
20) Methylene Chloride	3.82	84	27783	4.040	ug/l	98
64) Tetrachloroethene	11.26	164	3560	1.014	ug/l #	88

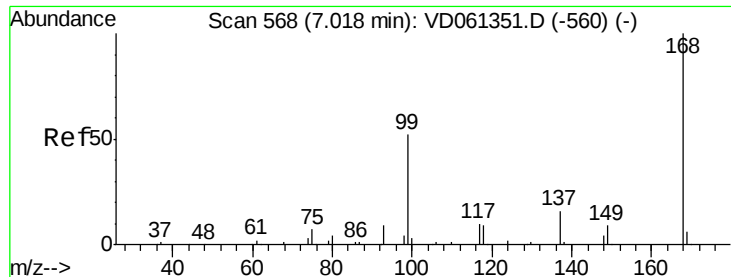
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040219\
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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: 7.05 min Scan# 572

Delta R.T. 0.03 min

Lab File: VD061526.D

Acq: 2 Apr 2019 20:44

Instrument :

MSVOA_D

ClientSampleId :

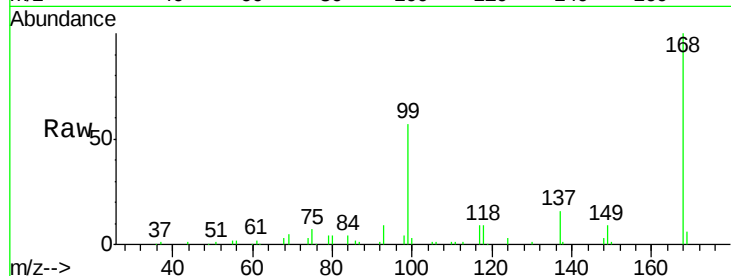
VOC-17RE

Tot Ion:168 Resp: 389064

Ion Ratio Lower Upper

168 100

99 56.6 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

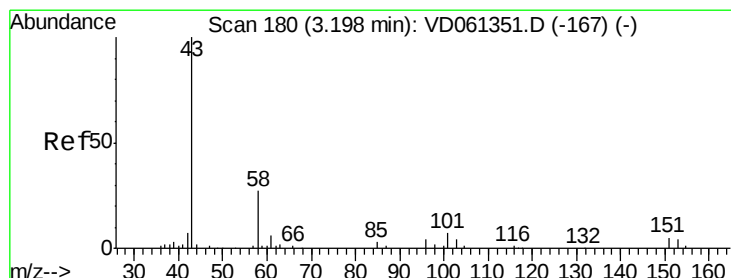
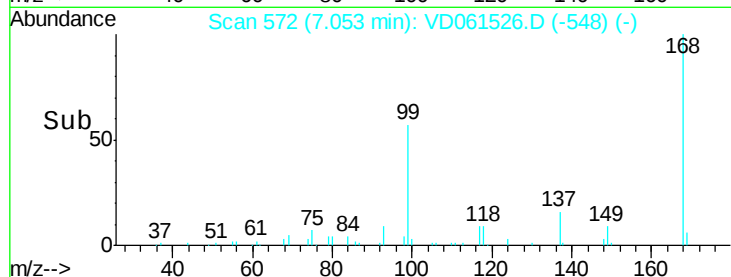
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 74.445 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.02 min

Lab File: VD061526.D

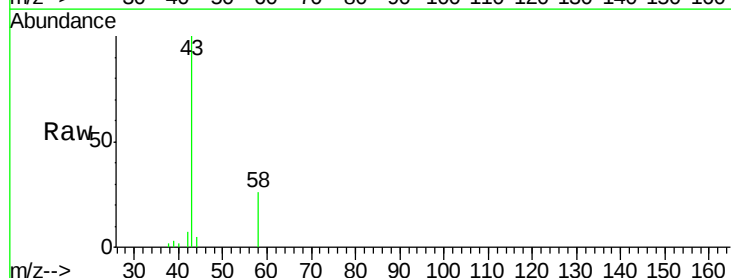
Acq: 2 Apr 2019 20:44

Tgt Ion: 43 Resp: 63604

Ion Ratio Lower Upper

43 100

58 25.5 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

20000

15000

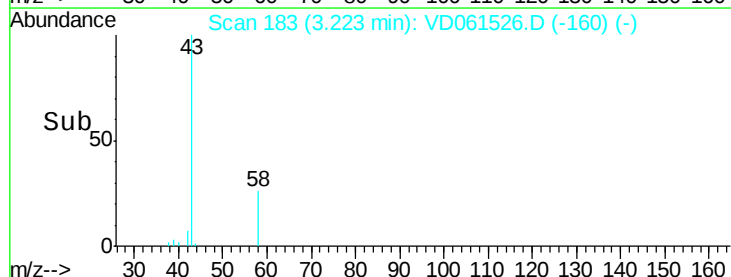
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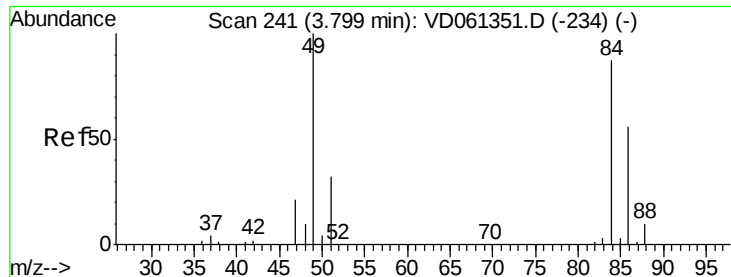
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Time-->

3.10 3.20 3.30 3.40

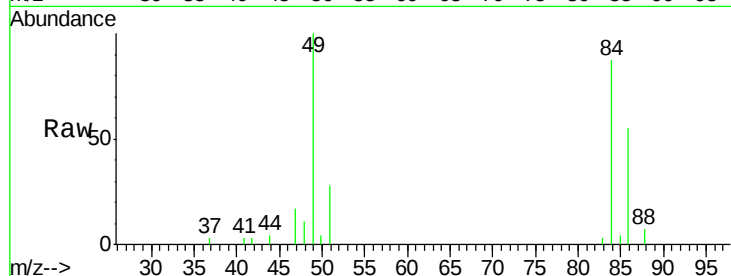




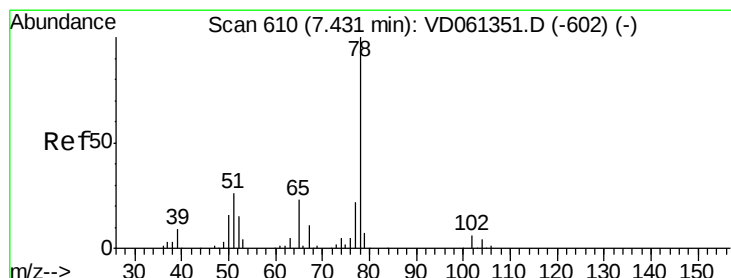
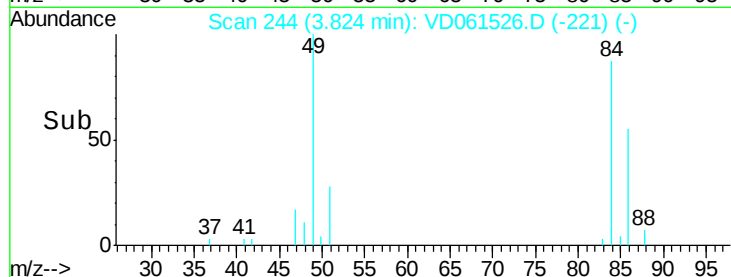
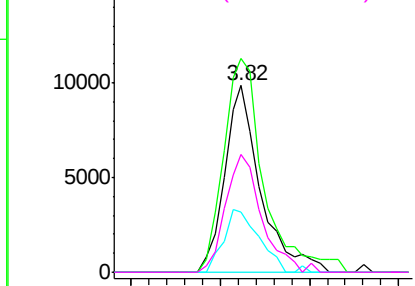
#20
Methylene Chloride
Concen: 4.040 ug/l
RT: 3.82 min Scan# 244
Delta R.T. 0.02 min
Lab File: VD061526.D
Acq: 2 Apr 2019 20:44

Instrument :
MSVOA_D
ClientSampleId :
VOC-17RE

Tot Ion: 84 Resp: 27783
Ion Ratio Lower Upper
84 100
49 114.7 91.8 137.8
51 32.3 29.8 44.8
86 63.4 51.8 77.6

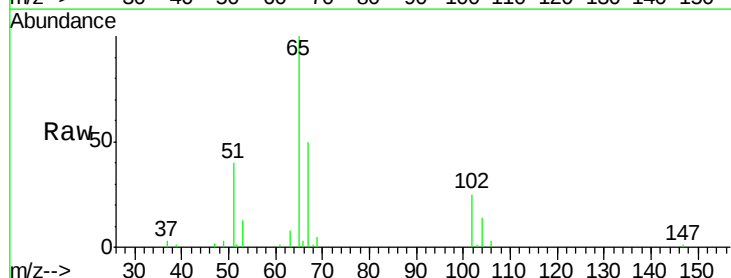


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

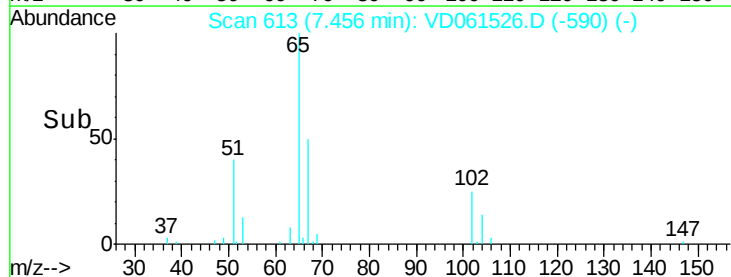
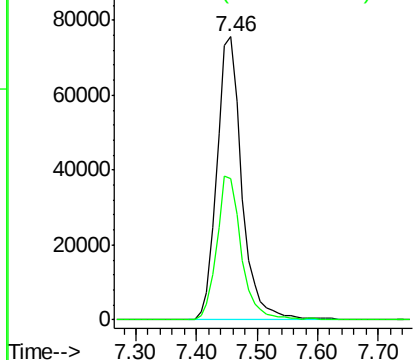


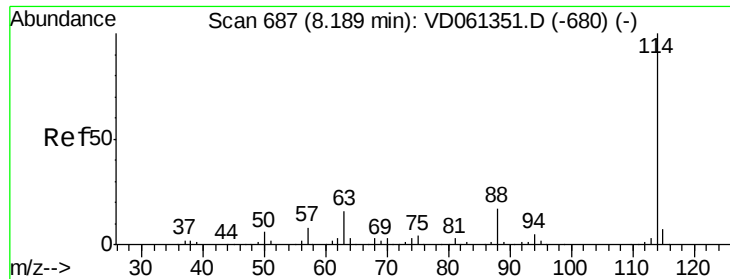
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.02 min
Lab File: VD061526.D
Acq: 2 Apr 2019 20:44

Tgt Ion: 65 Resp: 216530
Ion Ratio Lower Upper
65 100
67 49.9 0.0 99.8



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

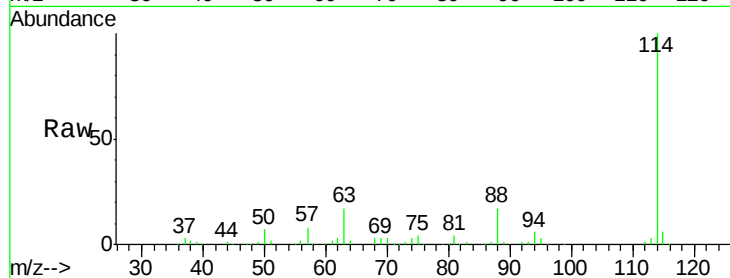




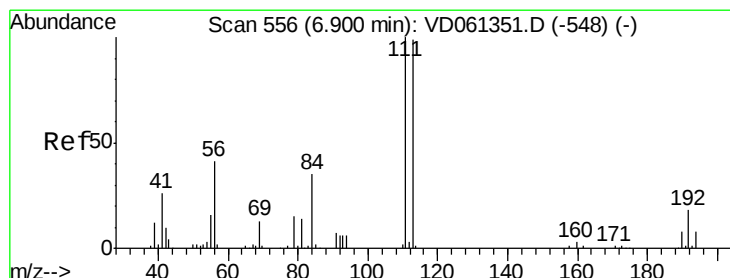
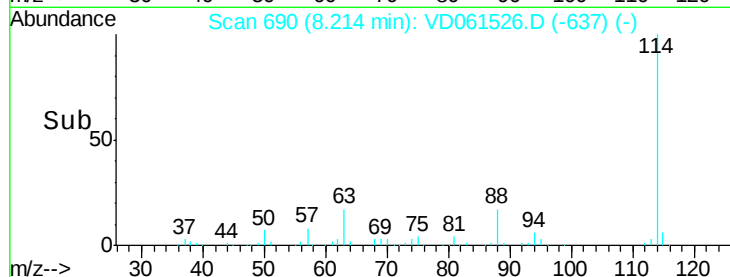
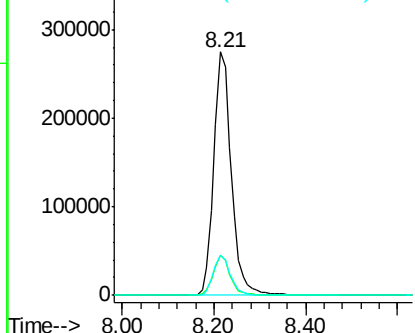
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. 0.02 min
 Lab File: VD061526.D
 Acq: 2 Apr 2019 20:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC-17RE

Tot Ion:114 Resp: 722472
 Ion Ratio Lower Upper
 114 100
 63 16.6 0.0 31.6
 88 16.7 0.0 33.4

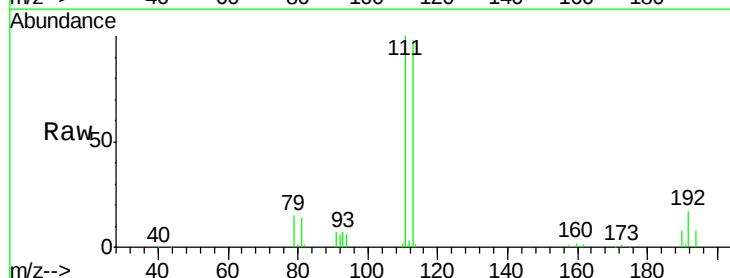


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

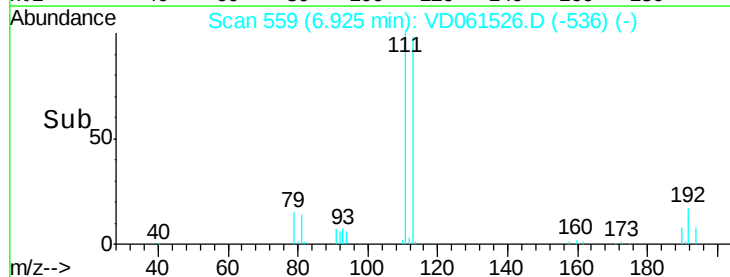
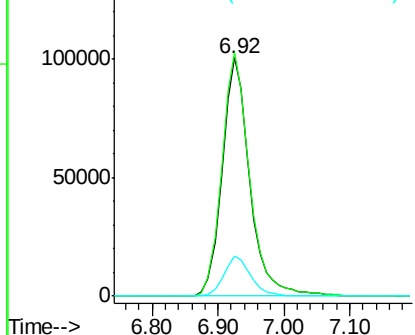


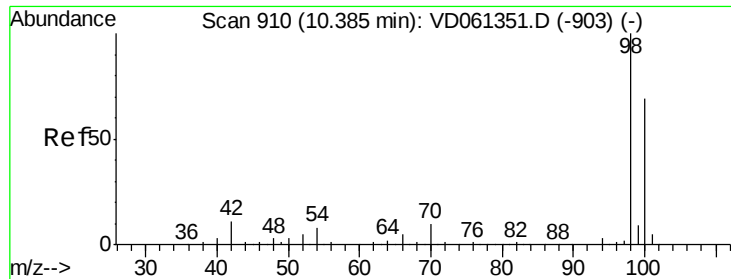
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 559
 Delta R.T. 0.02 min
 Lab File: VD061526.D
 Acq: 2 Apr 2019 20:44

Tgt Ion:113 Resp: 294135
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.0 121.6
 192 17.0 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: 10.41 min Scan# 913

Delta R.T. 0.02 min

Lab File: VD061526.D

Acq: 2 Apr 2019 20:44

Instrument :

MSVOA_D

ClientSampled :

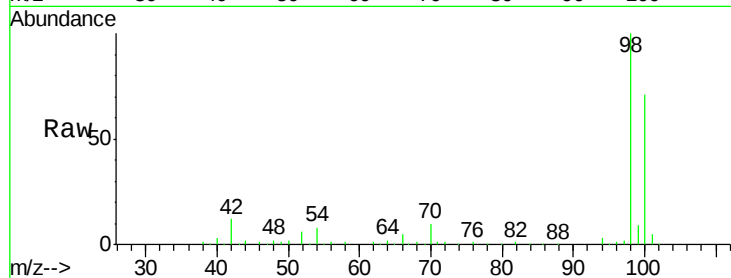
VOC-17RE

Tot Ion: 98 Resp: 589574

Ion Ratio Lower Upper

98 100

100 70.6 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) (-)

10.41

250000

200000

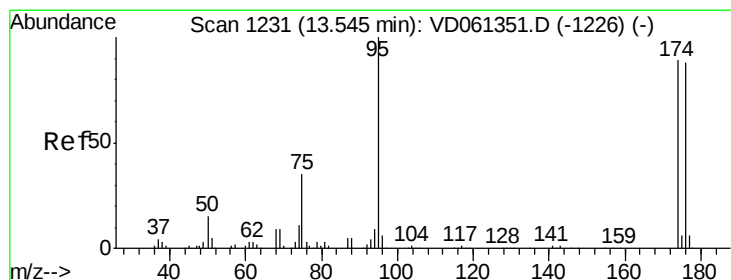
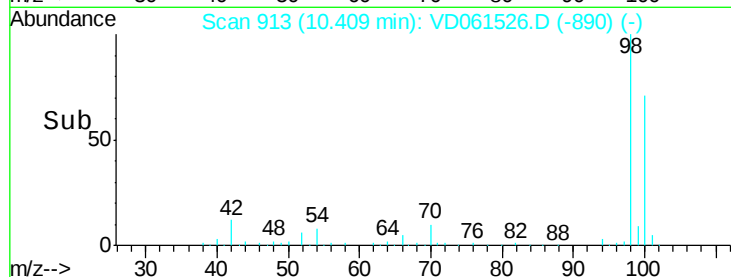
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD061526.D

Acq: 2 Apr 2019 20:44

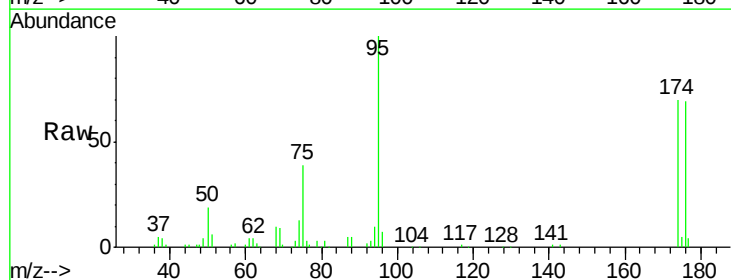
Tgt Ion: 95 Resp: 162224

Ion Ratio Lower Upper

95 100

174 70.2 0.0 178.0

176 69.4 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) (-)

13.55

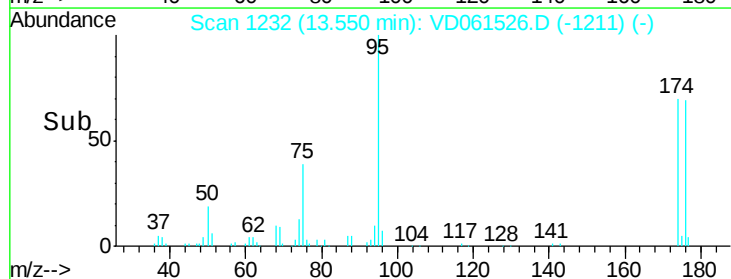
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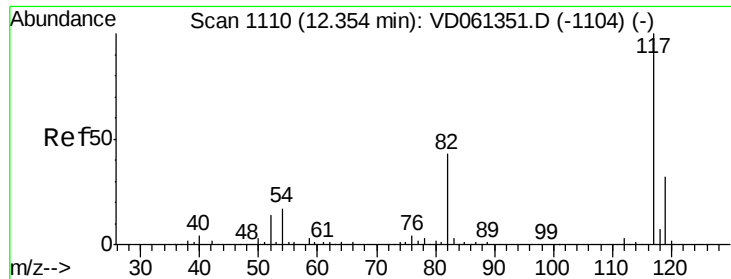
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50000

0

Time-->

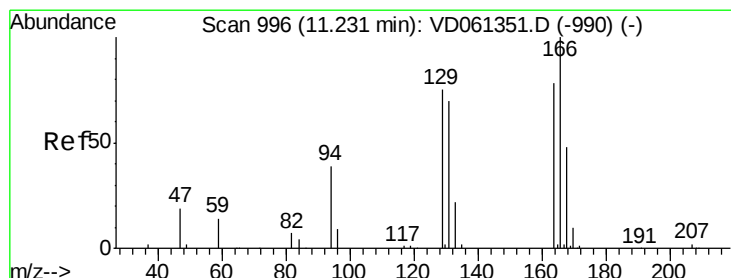
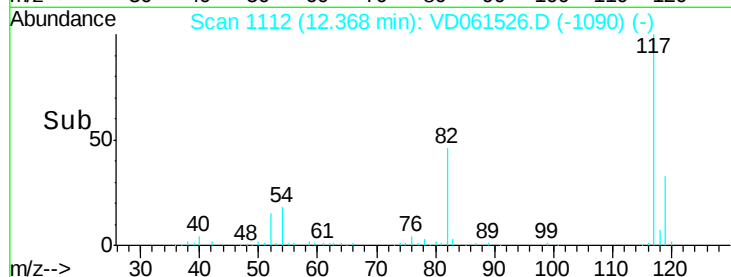
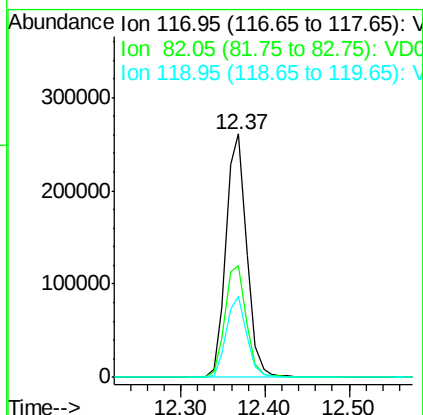
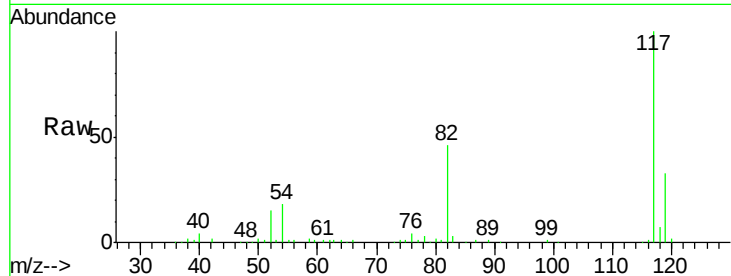




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061526.D
Acq: 2 Apr 2019 20:44

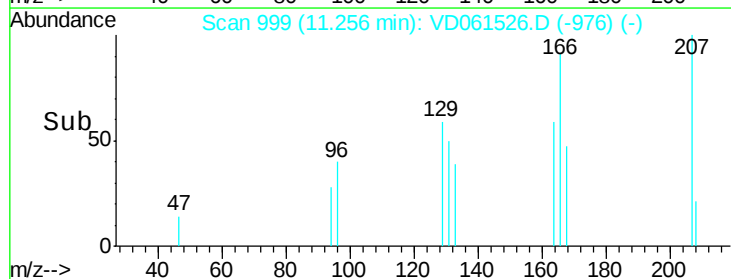
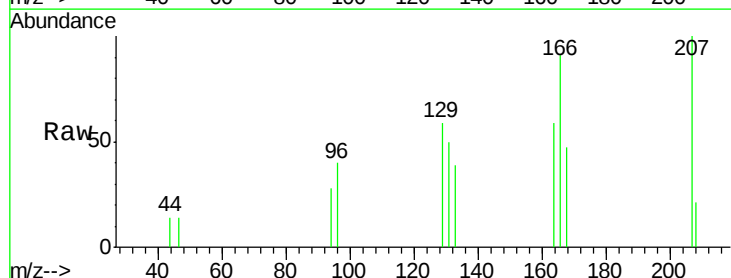
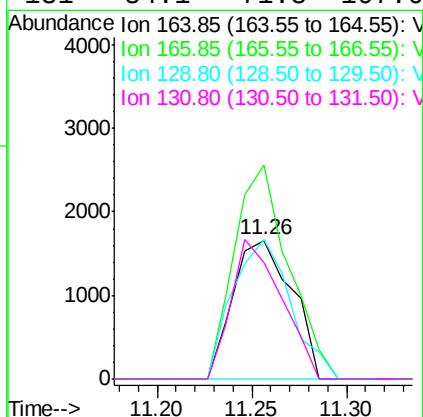
Instrument :
MSVOA_D
ClientSampleId :
VOC-17RE

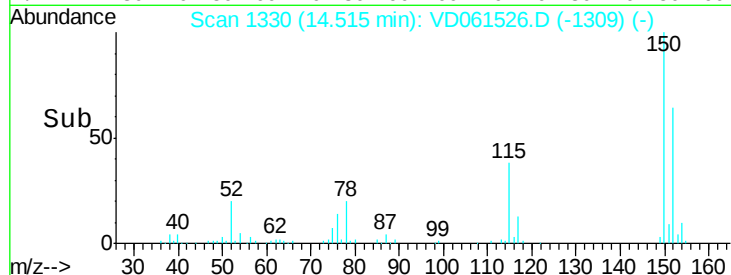
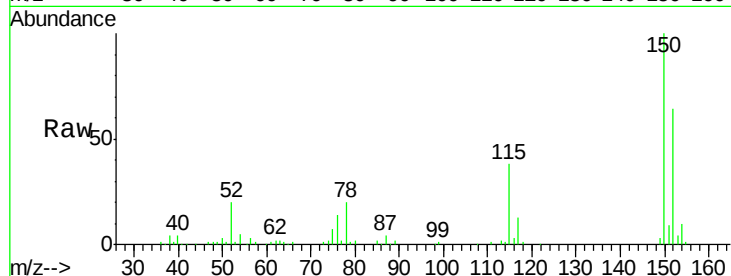
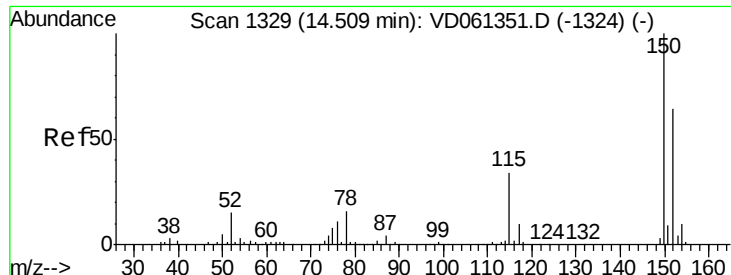
Tot Ion:117 Resp: 447287
Ion Ratio Lower Upper
117 100
82 46.1 34.4 51.6
119 33.2 25.8 38.6



#64
Tetrachloroethene
Concen: 1.014 ug/l
RT: 11.26 min Scan# 999
Delta R.T. 0.02 min
Lab File: VD061526.D
Acq: 2 Apr 2019 20:44

Tgt Ion:164 Resp: 3560
Ion Ratio Lower Upper
164 100
166 154.1 102.4 153.6#
129 100.2 76.8 115.2
131 84.1 71.8 107.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1330

Delta R.T. 0.01 min

Lab File: VD061526.D

Acq: 2 Apr 2019 20:44

Instrument :

MSVOA_D

ClientSampleId :

VOC-17RE

Tot Ion:152 Resp: 118924

Ion Ratio Lower Upper

152 100

115 59.1 26.9 80.6

150 155.4 0.0 318.0

