

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040819\
 Data File : VD061661.D
 Acq On : 8 Apr 2019 20:16
 Operator : VA/AP
 Sample : K2294-02
 Misc : 5.56g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-14-S2

Quant Time: Apr 09 02:11:20 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

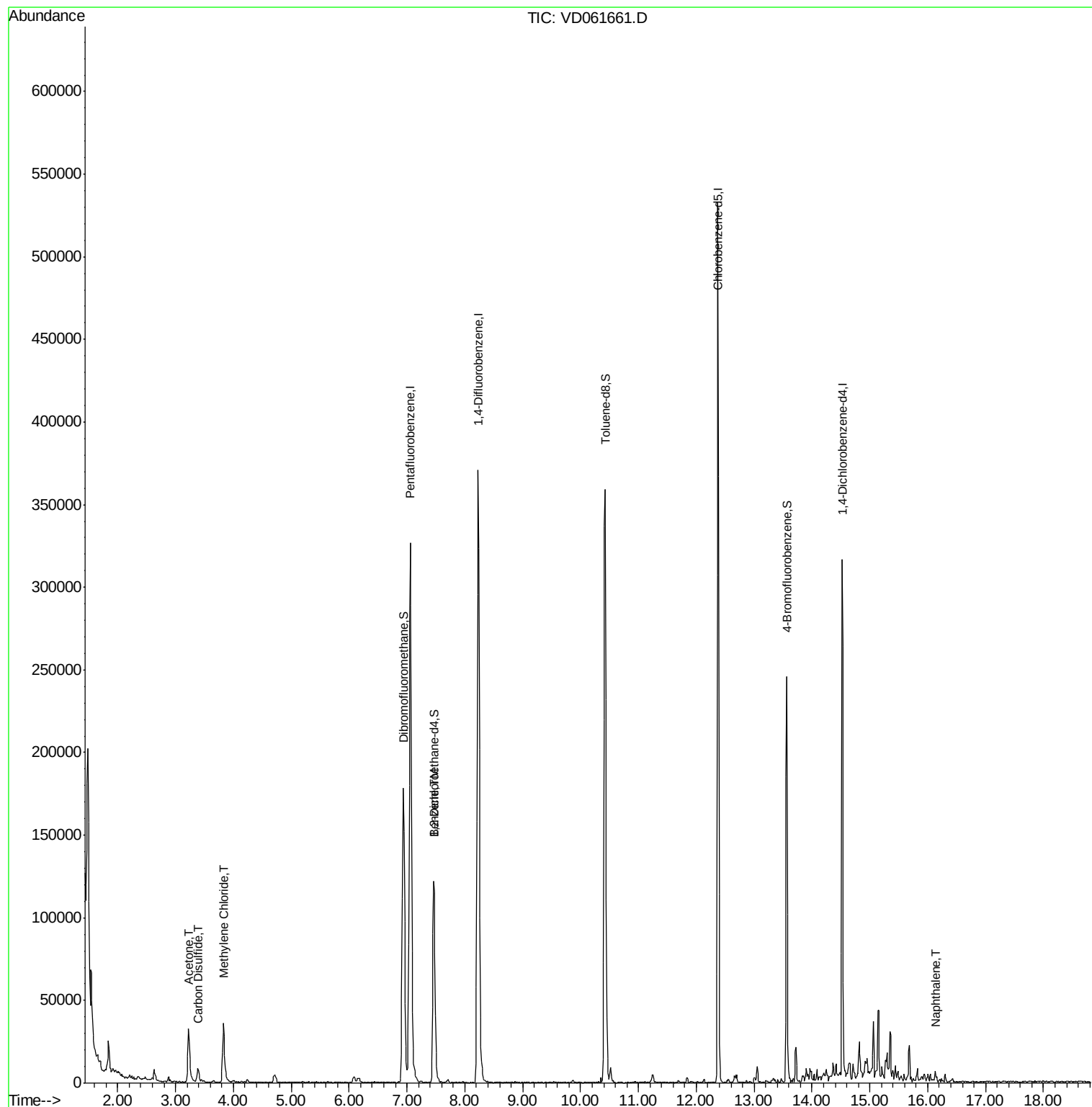
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	330199	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	459552	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	317983	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	75255	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	110328	44.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.16%	
35) Dibromofluoromethane	6.94	113	175443	55.11	ug/l	0.02
Spiked Amount 50.000			Recovery	=	110.22%	
50) Toluene-d8	10.42	98	328293	41.04	ug/l	0.02
Spiked Amount 50.000			Recovery	=	82.08%	
62) 4-Bromofluorobenzene	13.56	95	77739	24.75	ug/l	0.01
Spiked Amount 50.000			Recovery	=	49.50%	
Target Compounds						
16) Acetone	3.23	43	62318	83.291	ug/l	97
17) Carbon Disulfide	3.39	76	15928	1.424	ug/l	98
20) Methylene Chloride	3.83	84	25125	5.918	ug/l	95
40) Benzene	7.46	78	13952	1.438	ug/l #	88
95) Naphthalene	16.13	128	5836	3.507	ug/l	97

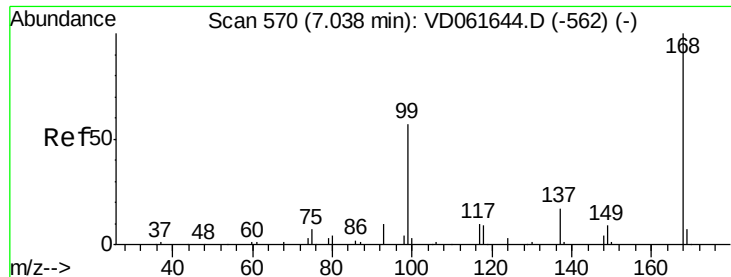
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Apr 08 10:04:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.02 min

Lab File: VD061661.D

Acq: 8 Apr 2019 20:16

Instrument :

MSVOA_D

ClientSampleId :

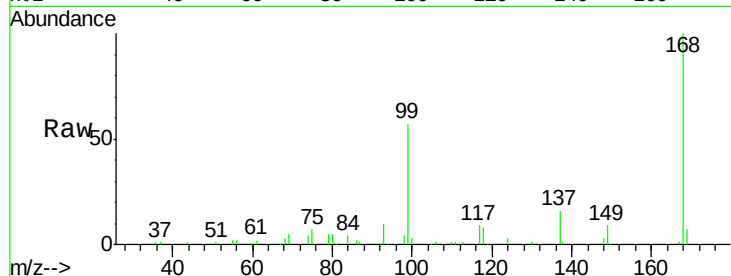
TP-14-S2

Tot Ion:168 Resp: 330199

Ion Ratio Lower Upper

168 100

99 56.6 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

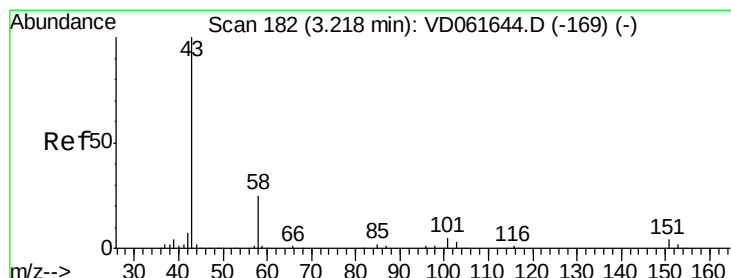
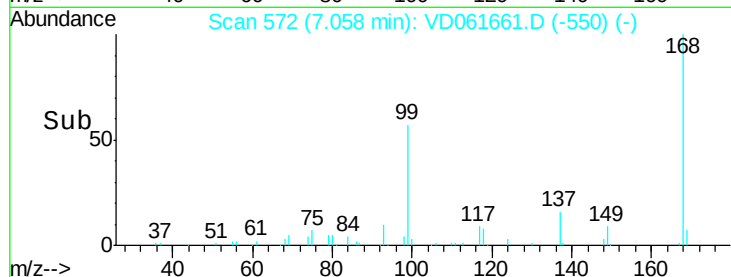
7.06

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 83.291 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD061661.D

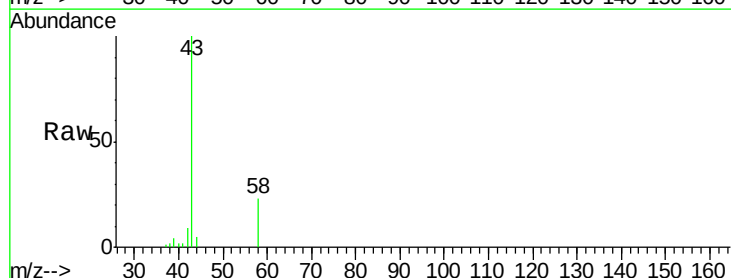
Acq: 8 Apr 2019 20:16

Tgt Ion: 43 Resp: 62318

Ion Ratio Lower Upper

43 100

58 23.0 19.7 29.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

25000

20000

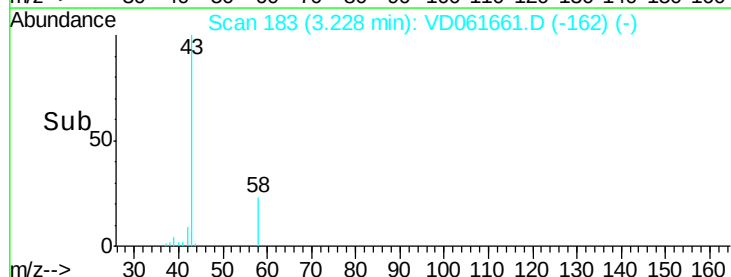
15000

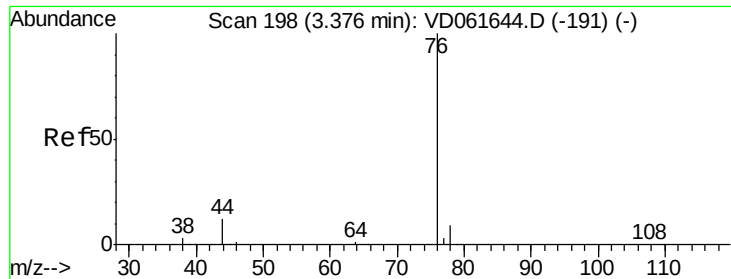
10000

5000

0

Time--> 3.10 3.20 3.30 3.40





#17

Carbon Disulfide

Concen: 1.424 ug/l

RT: 3.39 min Scan# 199

Delta R.T. 0.01 min

Lab File: VD061661.D

Acq: 8 Apr 2019 20:16

Instrument :

MSVOA_D

ClientSampleId :

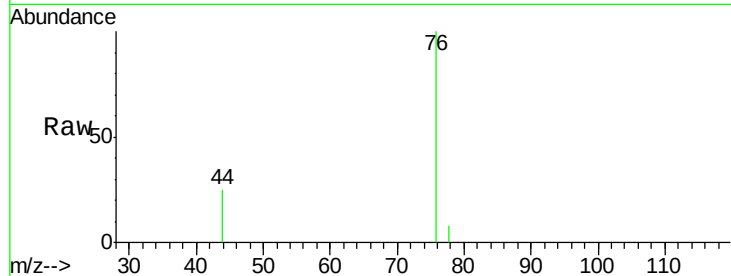
TP-14-S2

Tot Ion: 76 Resp: 15928

Ion Ratio Lower Upper

76 100

78 8.5 7.4 11.2



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC

3.39

8000

6000

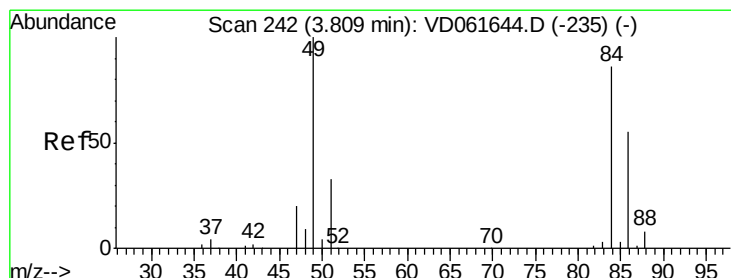
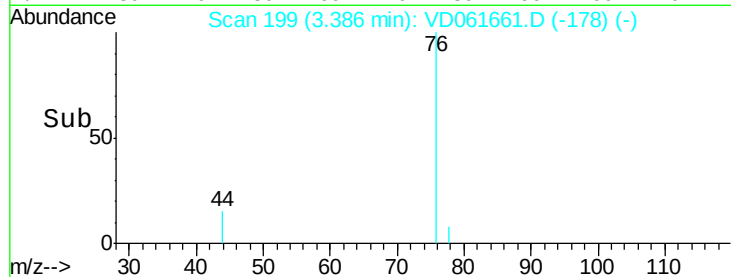
4000

2000

0

Time-->

3.30 3.35 3.40 3.45 3.50



#20

Methylene Chloride

Concen: 5.918 ug/l

RT: 3.83 min Scan# 244

Delta R.T. 0.02 min

Lab File: VD061661.D

Acq: 8 Apr 2019 20:16

Tgt Ion: 84 Resp: 25125

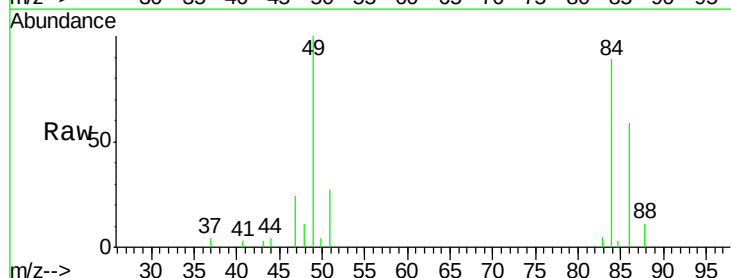
Ion Ratio Lower Upper

84 100

49 112.8 93.0 139.4

51 30.7 30.4 45.6

86 66.4 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

15000

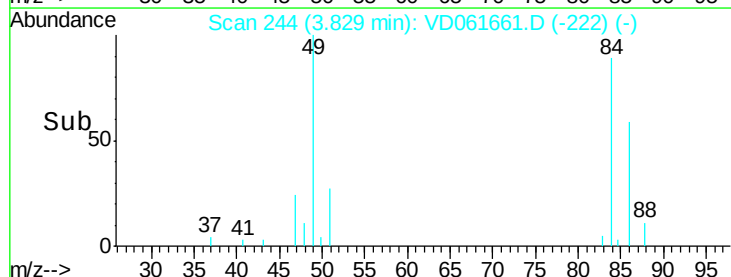
10000

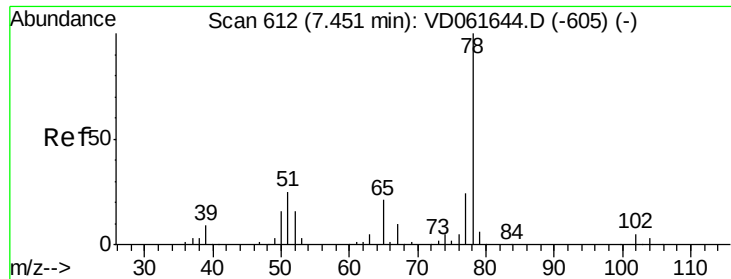
5000

0

Time-->

3.70 3.80 3.90

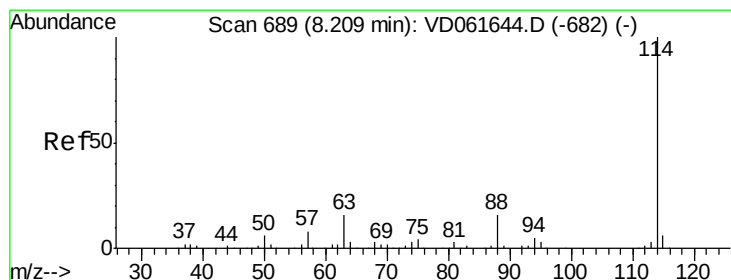
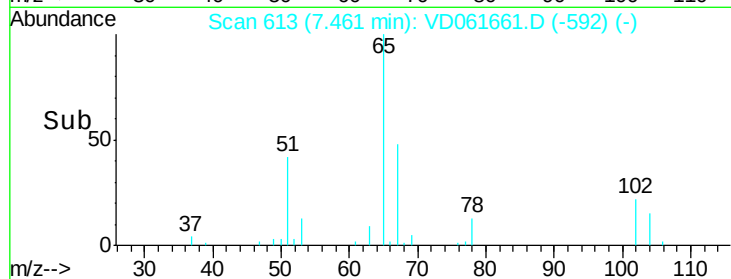
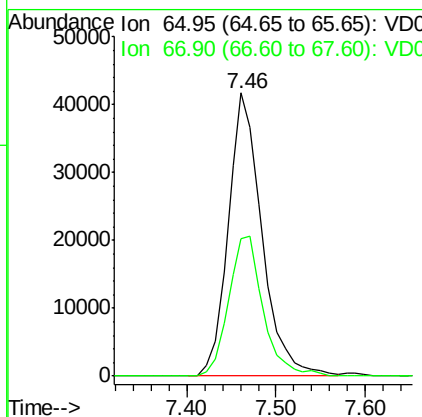
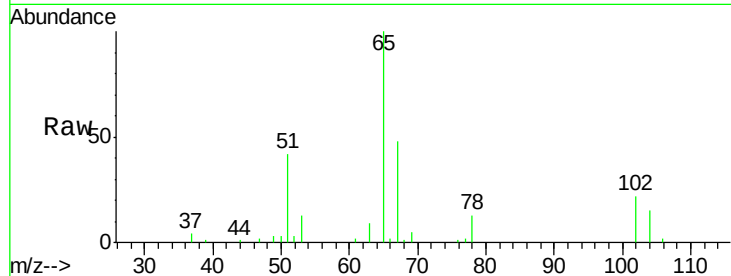




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. 0.01 min
 Lab File: VD061661.D
 Acq: 8 Apr 2019 20:16

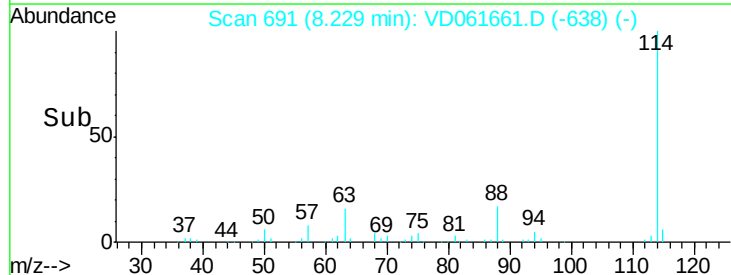
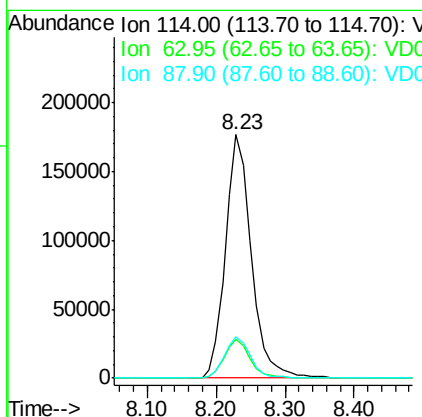
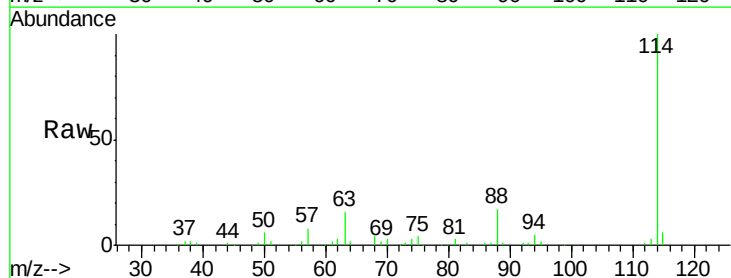
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-14-S2

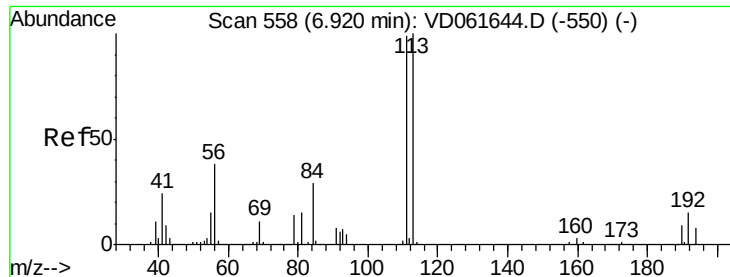
Tot Ion: 65 Resp: 110328
 Ion Ratio Lower Upper
 65 100
 67 48.4 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.02 min
 Lab File: VD061661.D
 Acq: 8 Apr 2019 20:16

Tgt Ion: 114 Resp: 459552
 Ion Ratio Lower Upper
 114 100
 63 15.9 0.0 31.2
 88 17.1 0.0 31.8

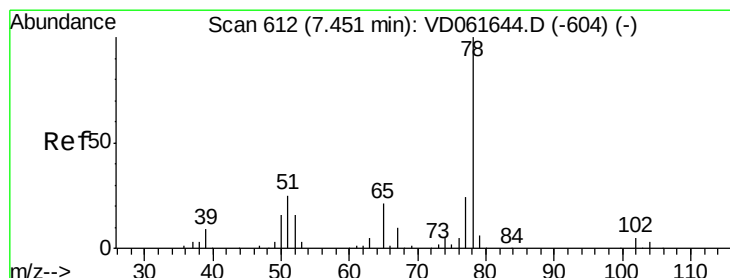
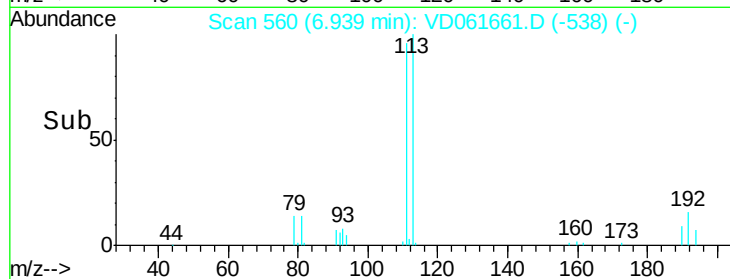
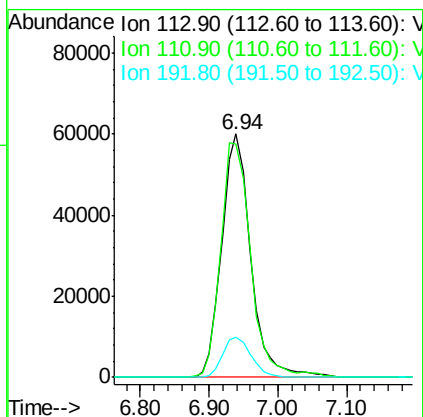
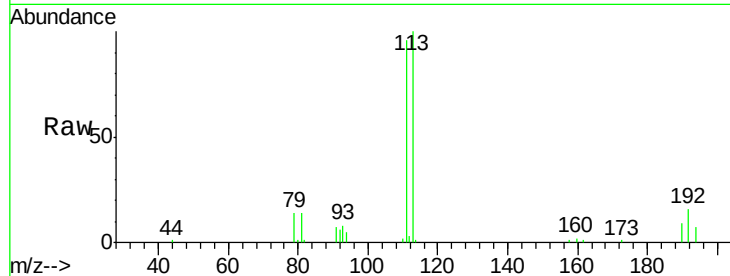




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.02 min
 Lab File: VD061661.D
 Acq: 8 Apr 2019 20:16

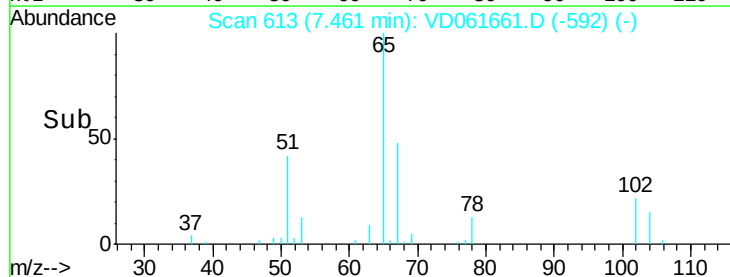
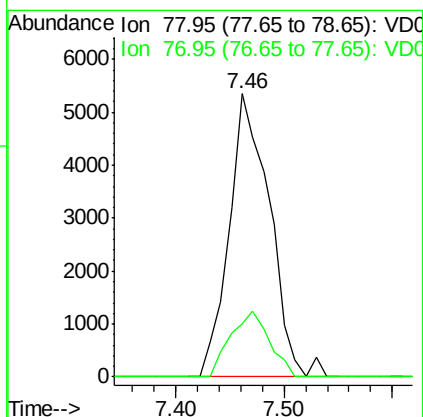
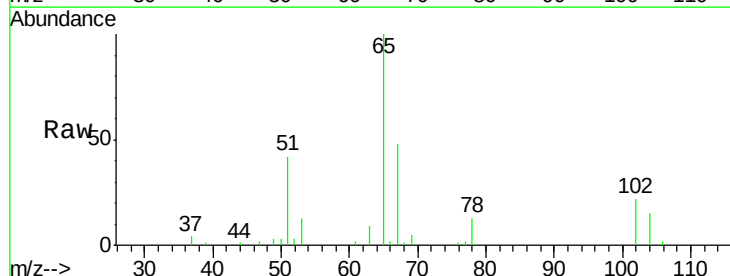
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-14-S2

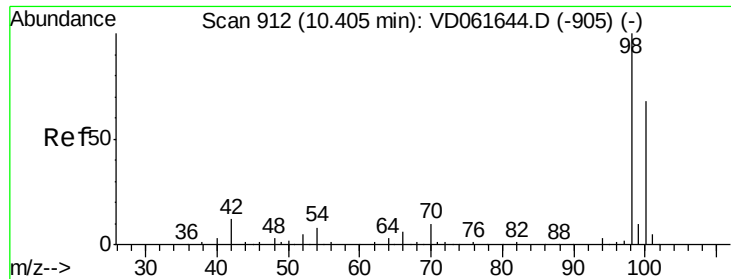
Tot Ion:113 Resp: 175443
 Ion Ratio Lower Upper
 113 100
 111 96.0 79.3 118.9
 192 16.3 12.3 18.5



#40
 Benzene
 Concen: 1.438 ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. 0.01 min
 Lab File: VD061661.D
 Acq: 8 Apr 2019 20:16

Tgt Ion: 78 Resp: 13952
 Ion Ratio Lower Upper
 78 100
 77 18.5 19.5 29.3#

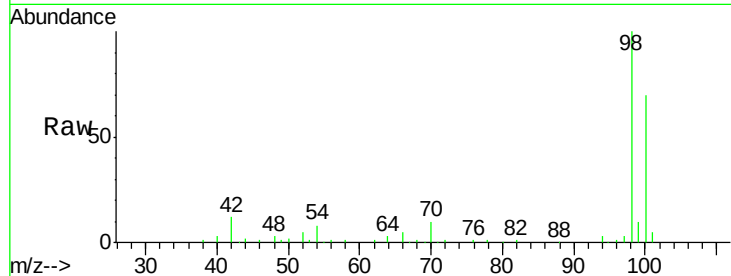




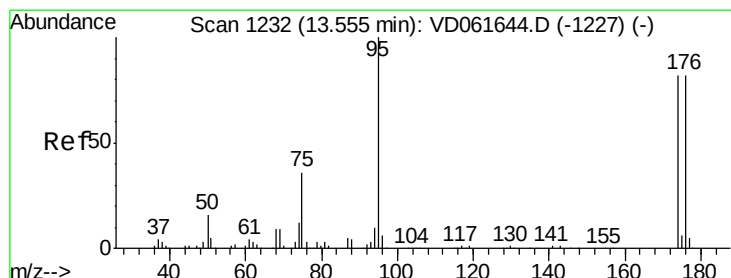
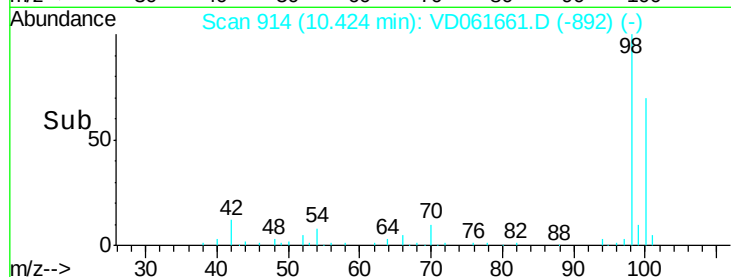
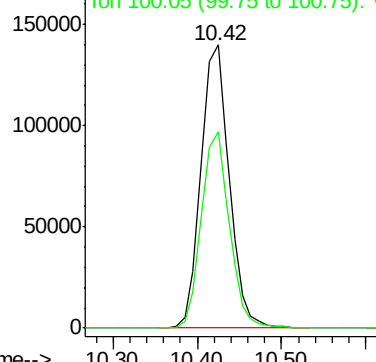
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.02 min
Lab File: VD061661.D
Acq: 8 Apr 2019 20:16

Instrument :
MSVOA_D
ClientSampleId :
TP-14-S2

Tot Ion: 98 Resp: 328293
Ion Ratio Lower Upper
98 100
100 69.6 55.4 83.0

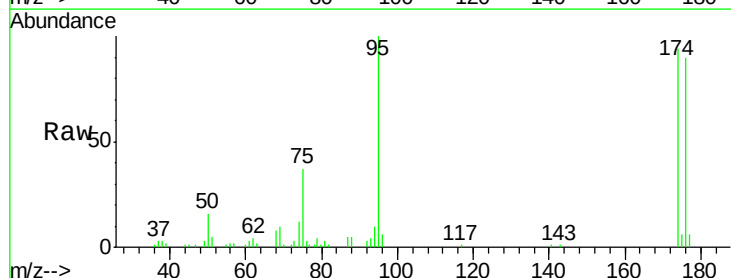


Abundance Ion 98.05 (97.75 to 98.75): VD061644.D (-905) (-)
Ion 100.05 (99.75 to 100.75): VD061644.D (-905) (-)

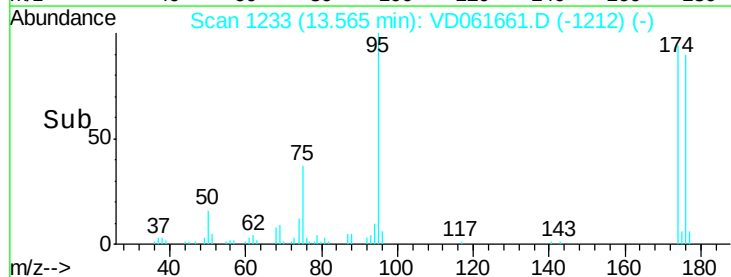
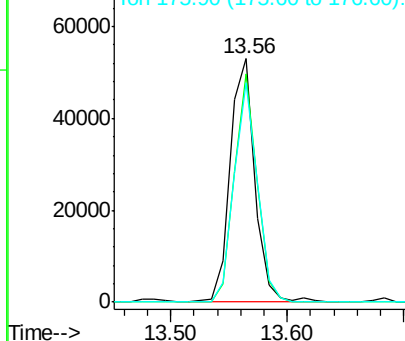


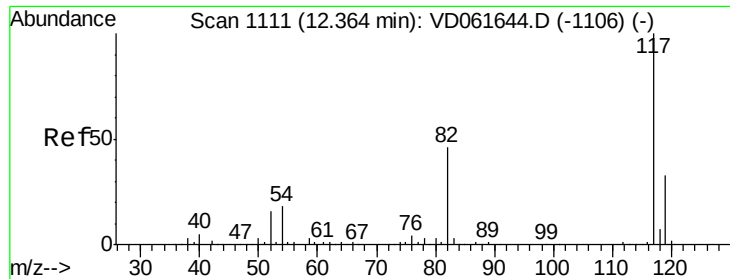
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD061661.D
Acq: 8 Apr 2019 20:16

Tgt Ion: 95 Resp: 77739
Ion Ratio Lower Upper
95 100
174 93.9 0.0 164.6
176 89.9 0.0 165.0



Abundance Ion 95.00 (94.70 to 95.70): VD061644.D (-1227) (-)
Ion 173.90 (173.60 to 174.60): VD061644.D (-1227) (-)
Ion 175.90 (175.60 to 176.60): VD061644.D (-1227) (-)

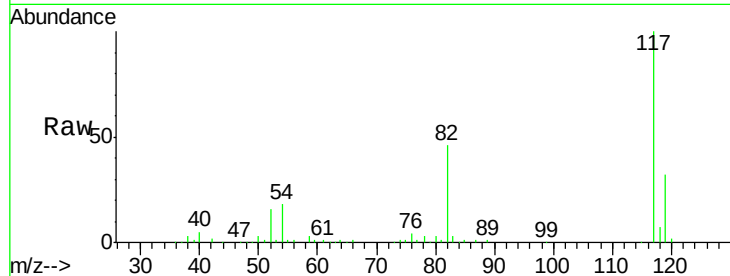




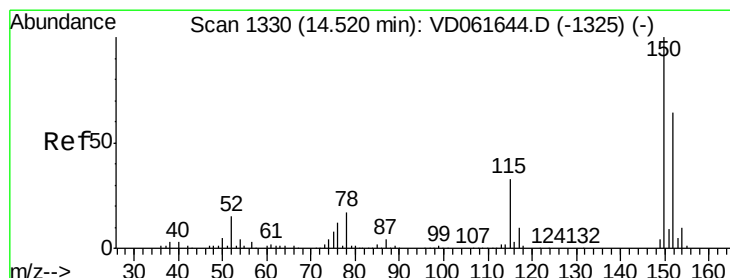
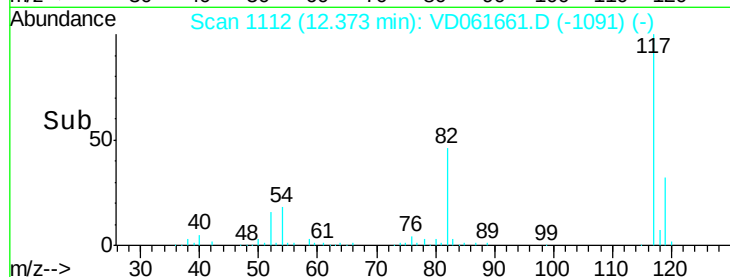
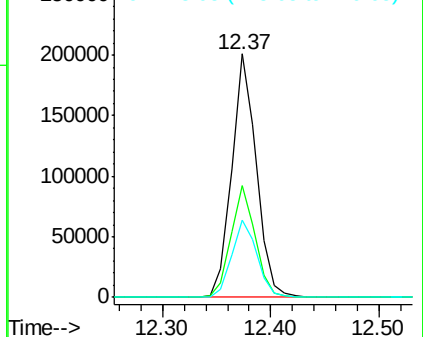
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061661.D
Acq: 8 Apr 2019 20:16

Instrument :
MSVOA_D
ClientSampleId :
TP-14-S2

Tot Ion:117 Resp: 317983
Ion Ratio Lower Upper
117 100
82 46.1 36.8 55.2
119 31.9 26.1 39.1

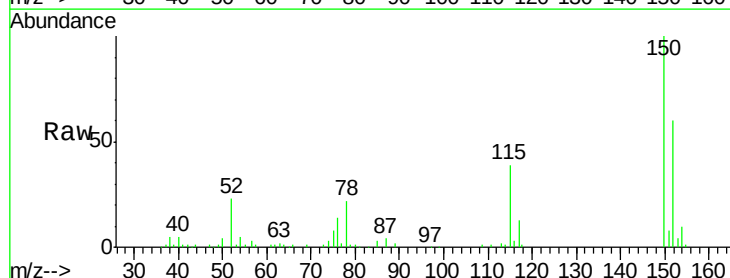


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

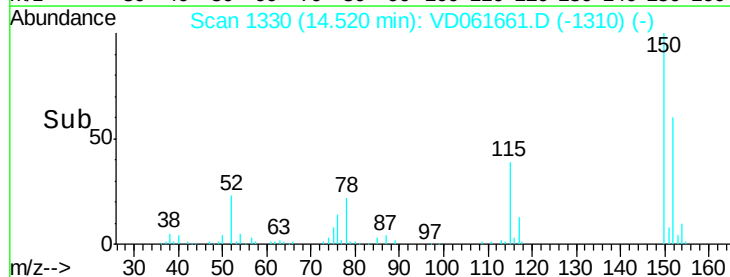
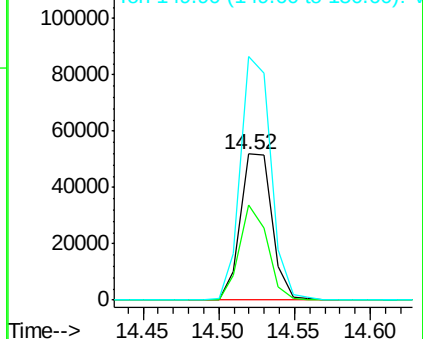


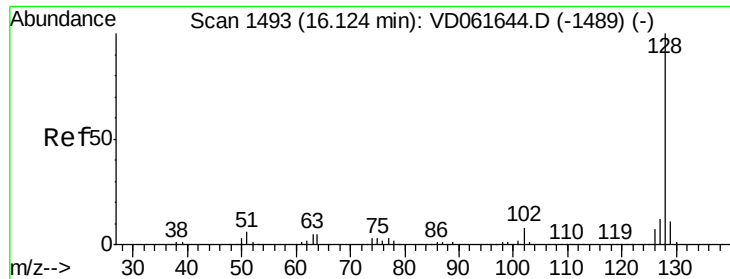
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD061661.D
Acq: 8 Apr 2019 20:16

Tgt Ion:152 Resp: 75255
Ion Ratio Lower Upper
152 100
115 65.0 26.4 79.2
150 166.6 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





#95

Naphthalene

Concen: 3.507 ug/l

RT: 16.13 min Scan# 1494

Delta R.T. 0.01 min

Lab File: VD061661.D

Acq: 8 Apr 2019 20:16

Instrument :

MSVOA_D

ClientSampleId :

TP-14-S2

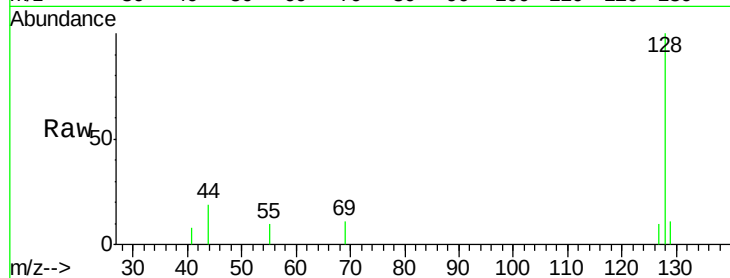
Tot Ion:128 Resp: 5836

Ion Ratio Lower Upper

128 100

127 9.8 9.4 14.2

129 11.4 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

