

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073118\
 Data File : VD059664.D
 Acq On : 31 Jul 2018 20:16
 Operator : VA/AP
 Sample : J4228-01RE
 Misc : 5.02g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 01 06:43:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 07:10:33 2018
 Response via : Initial Calibration

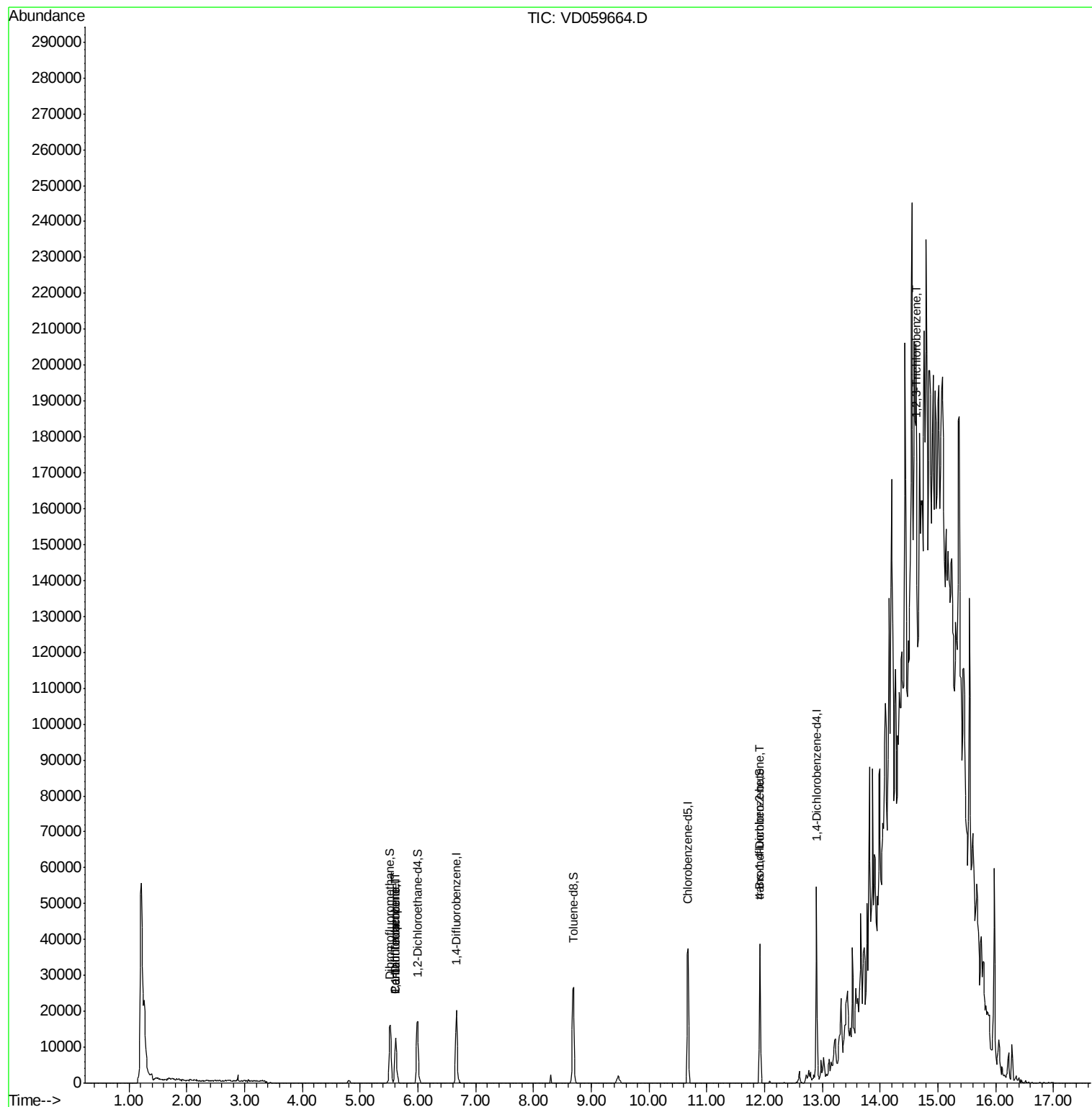
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	14007	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.67	114	22379	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.68	117	22027	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.90	152	11355	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.98	65	20454	116.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	232.32%	
35) Dibromofluoromethane	5.52	113	13275	69.15	ug/l	0.01
Spiked Amount 50.000			Recovery	=	138.30%	
50) Toluene-d8	8.69	98	23413	53.77	ug/l	0.01
Spiked Amount 50.000			Recovery	=	107.54%	
62) 4-Bromofluorobenzene	11.91	95	11607	59.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.34%	
Target Compounds						
36) 1,1-Dichloropropene	5.61	75	1066	4.747	ug/l #	43
38) Carbon Tetrachloride	5.62	117	913	2.969	ug/l #	14
81) trans-1,4-Dichloro-2-buten	11.91	75	5978	124.517	ug/l #	1
96) 1,2,3-Trichlorobenzene	14.64	180	1914	7.665	ug/l #	11

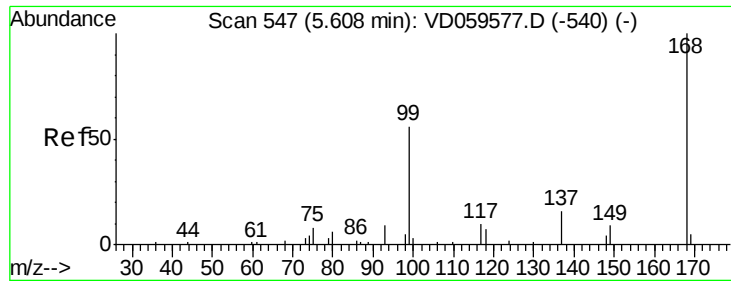
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD073118\
Data File : VD059664.D
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Quant Time: Aug 01 06:43:21 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 25 07:10:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 548

Delta R.T. 0.01 min

Lab File: VD059664.D

Acq: 31 Jul 2018 20:16

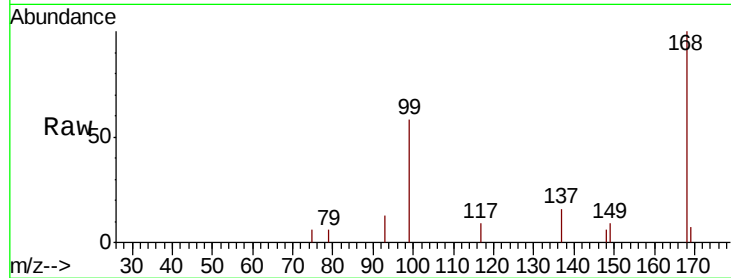
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 14007

Ion Ratio Lower Upper

168 100

99 57.7 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.62

6000

5000

4000

3000

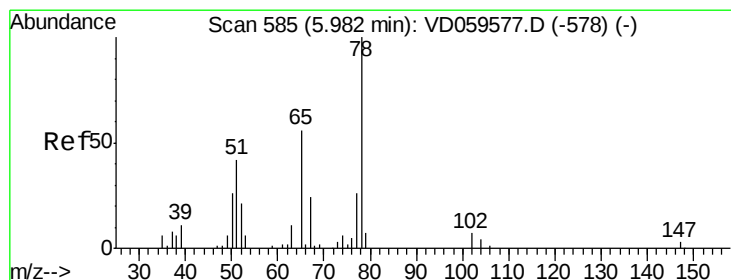
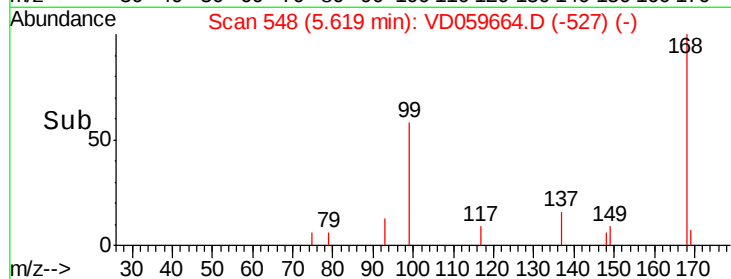
2000

1000

0

Time-->

5.55 5.60 5.65 5.70



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 5.98 min Scan# 585

Delta R.T. 0.00 min

Lab File: VD059664.D

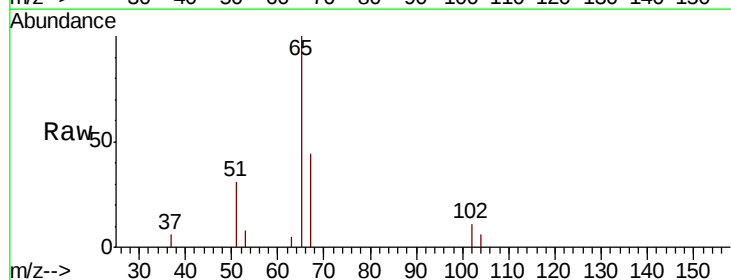
Acq: 31 Jul 2018 20:16

Tgt Ion: 65 Resp: 20454

Ion Ratio Lower Upper

65 100

67 44.4 0.0 86.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

5.98

8000

6000

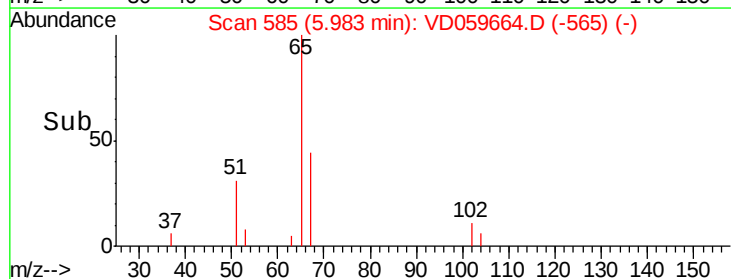
4000

2000

0

Time-->

5.90 5.95 6.00 6.05 6.10

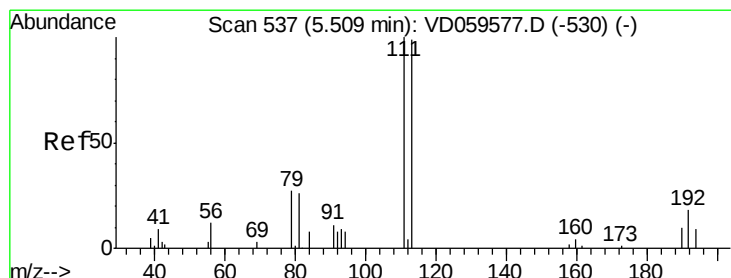
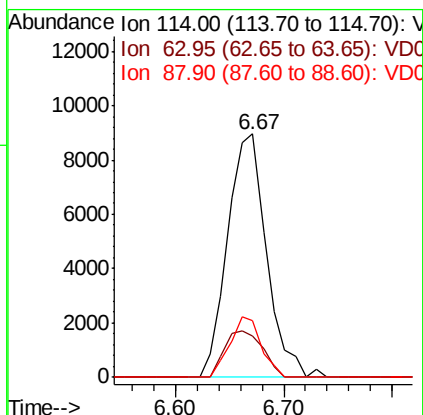
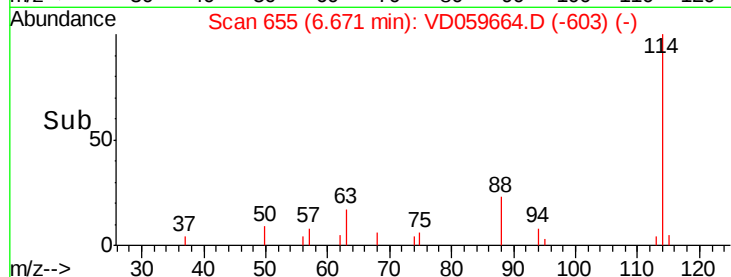
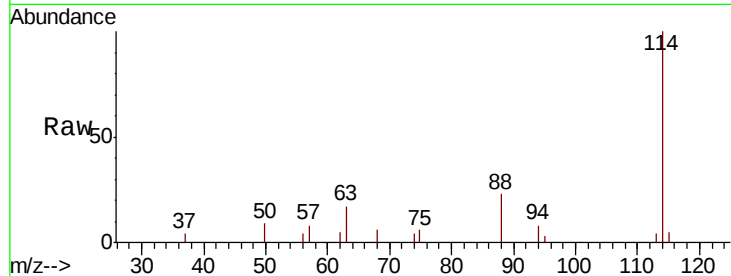




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.67 min Scan# 655
 Delta R.T. 0.01 min
 Lab File: VD059664.D
 Acq: 31 Jul 2018 20:16

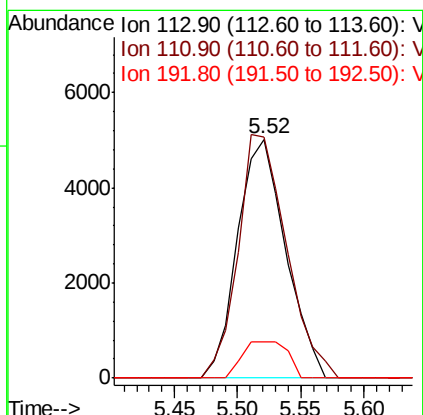
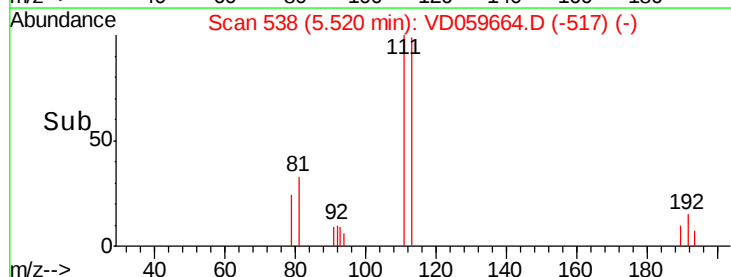
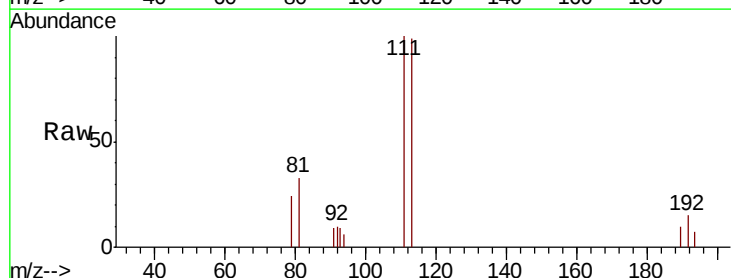
Instrument :
 MSVOA_D
 ClientSampleId :

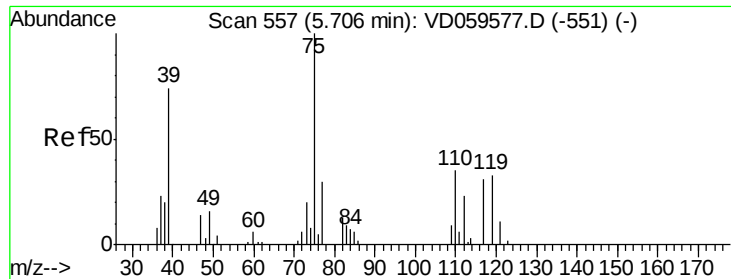
Tot Ion:114 Resp: 22379
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 43.8
 88 23.3 0.0 39.0



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.52 min Scan# 538
 Delta R.T. 0.01 min
 Lab File: VD059664.D
 Acq: 31 Jul 2018 20:16

Tgt Ion:113 Resp: 13275
 Ion Ratio Lower Upper
 113 100
 111 100.6 80.5 120.7
 192 15.0 14.5 21.7

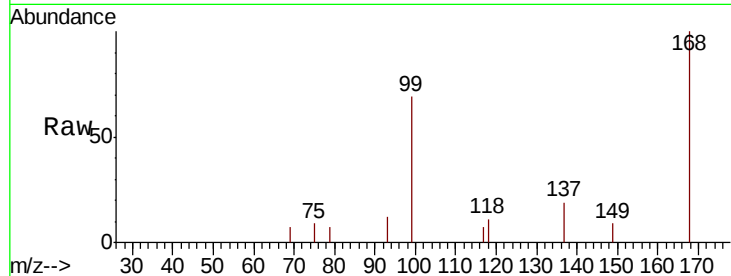




#36
 1,1-Dichloropropene
 Concen: 4.747 ug/l
 RT: 5.61 min Scan# 547
 Delta R.T. -0.10 min
 Lab File: VD059664.D
 Acq: 31 Jul 2018 20:16

Instrument :
 MSVOA_D
 ClientSampleId :

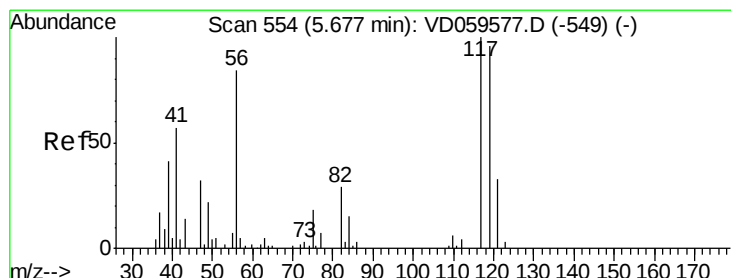
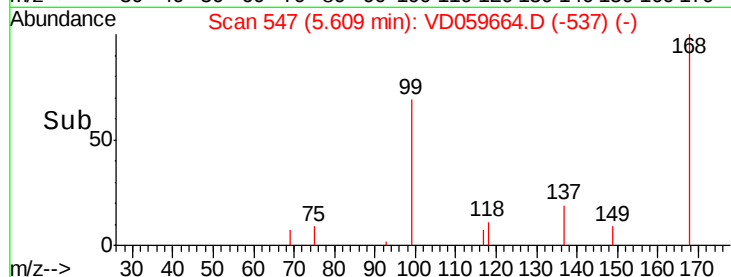
Tot Ion: 75 Resp: 1066
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.0 50.9#
 77 0.0 23.6 35.4#



Abundance Ion 75.00 (74.70 to 75.70): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.95 (76.65 to 77.65): V

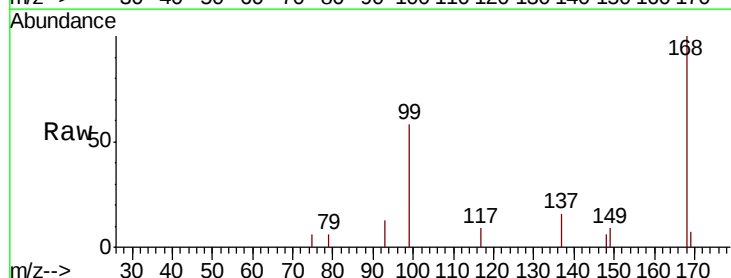
5.61

Time--> 5.55 5.60 5.65



#38
 Carbon Tetrachloride
 Concen: 2.969 ug/l
 RT: 5.62 min Scan# 548
 Delta R.T. -0.06 min
 Lab File: VD059664.D
 Acq: 31 Jul 2018 20:16

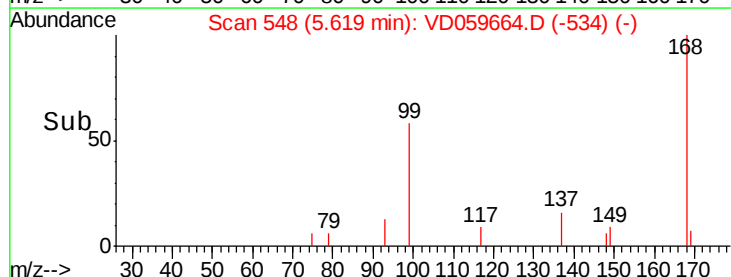
Tgt Ion: 117 Resp: 913
 Ion Ratio Lower Upper
 117 100
 119 0.0 73.6 110.4#
 121 0.0 25.0 37.6#

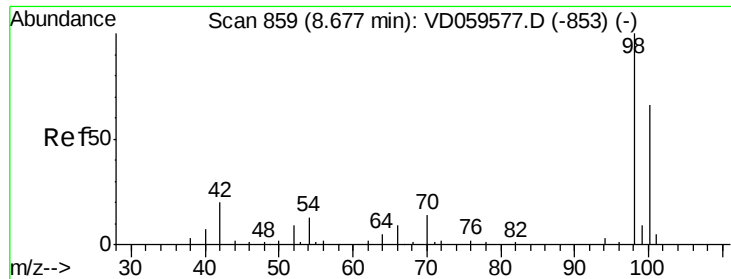


Abundance Ion 116.85 (116.55 to 117.55): V
 Ion 118.85 (118.55 to 119.55): V
 Ion 120.85 (120.55 to 121.55): V

5.62

Time--> 5.55 5.60 5.65





#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.69 min Scan# 860

Delta R.T. 0.01 min

Lab File: VD059664.D

Acq: 31 Jul 2018 20:16

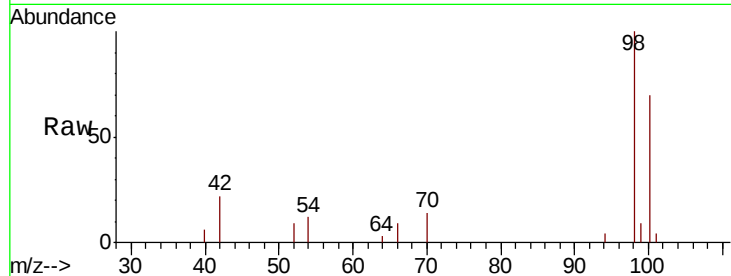
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 98 Resp: 23413

Ion Ratio Lower Upper

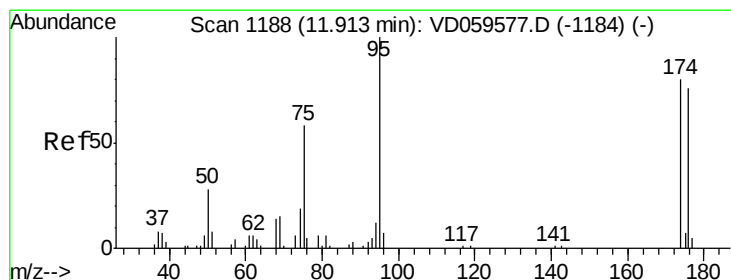
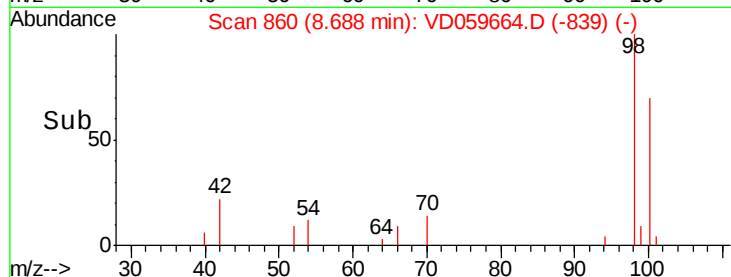
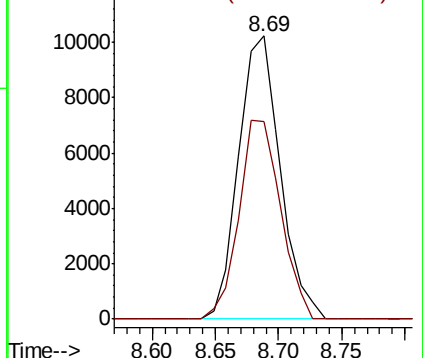
98 100

100 69.8 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.91 min Scan# 1188

Delta R.T. 0.00 min

Lab File: VD059664.D

Acq: 31 Jul 2018 20:16

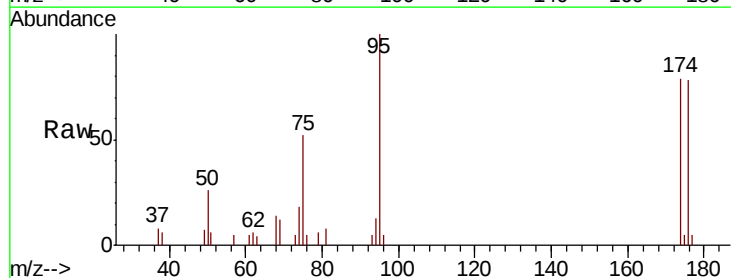
Tgt Ion: 95 Resp: 11607

Ion Ratio Lower Upper

95 100

174 79.4 0.0 160.6

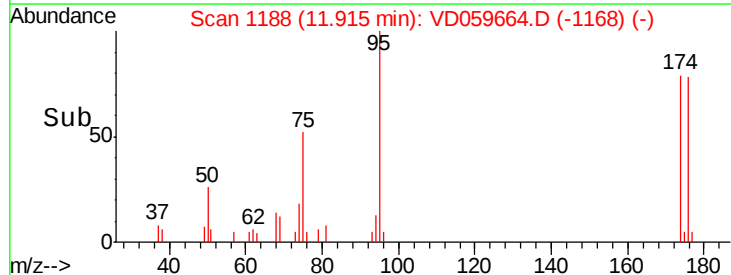
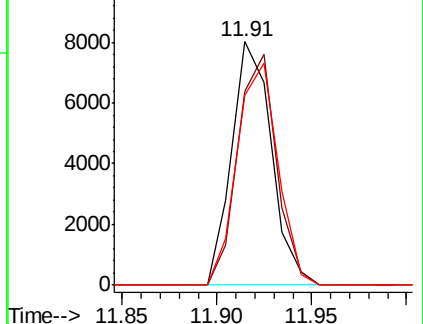
176 77.8 0.0 152.8

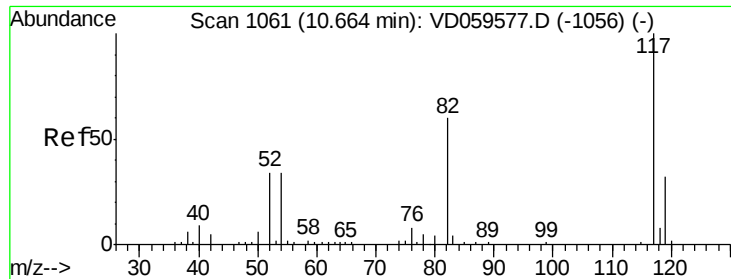


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

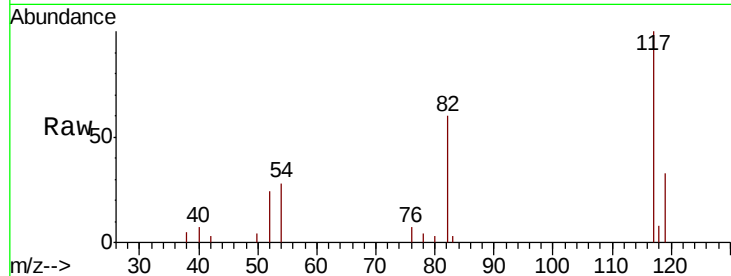




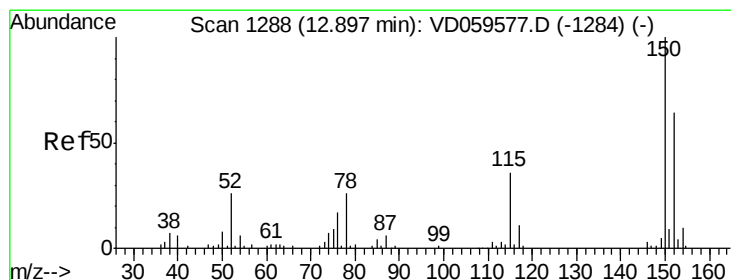
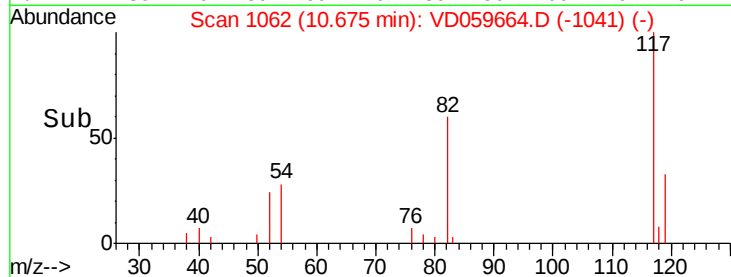
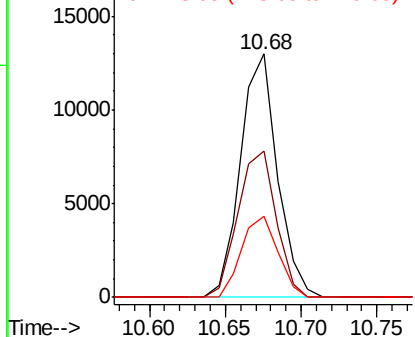
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. 0.01 min
Lab File: VD059664.D
Acq: 31 Jul 2018 20:16

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 22027
Ion Ratio Lower Upper
117 100
82 60.3 48.2 72.2
119 33.0 25.4 38.2

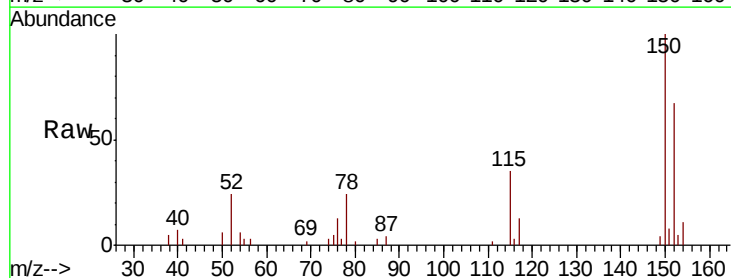


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

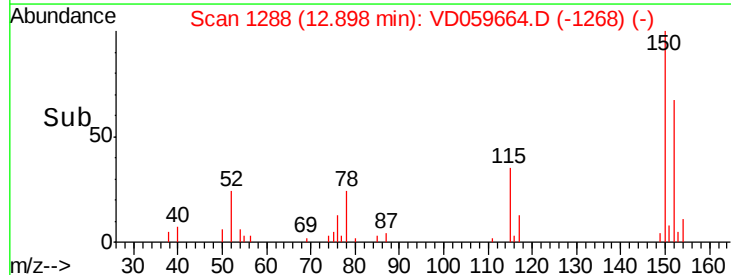
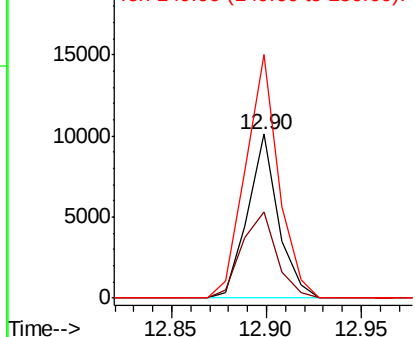


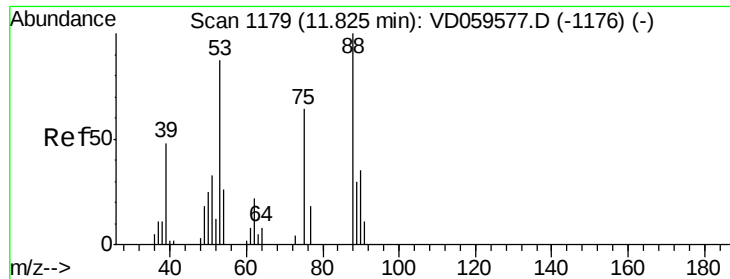
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.90 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VD059664.D
Acq: 31 Jul 2018 20:16

Tgt Ion:152 Resp: 11355
Ion Ratio Lower Upper
152 100
115 52.6 29.5 88.6
150 148.6 0.0 314.4



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





#81

trans-1,4-Dichloro-2-butene

Concen: 124.517 ug/l

RT: 11.91 min Scan# 1188

Delta R.T. 0.09 min

Lab File: VD059664.D

Acq: 31 Jul 2018 20:16

Instrument :

MSVOA_D

ClientSampleId :

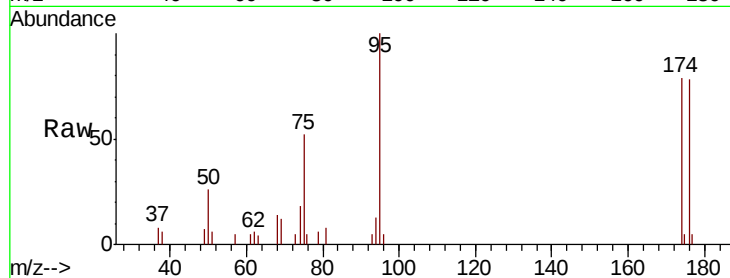
Tot Ion: 75 Resp: 5978

Ion Ratio Lower Upper

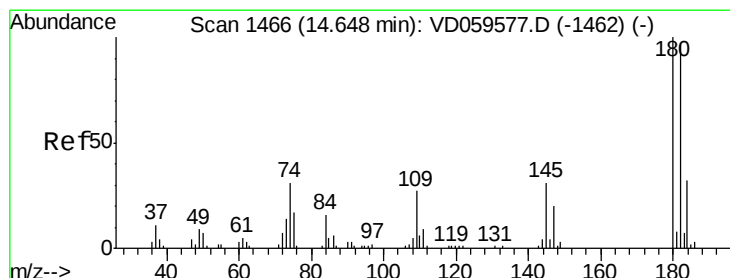
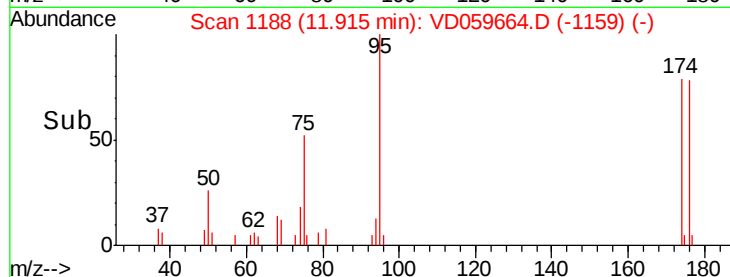
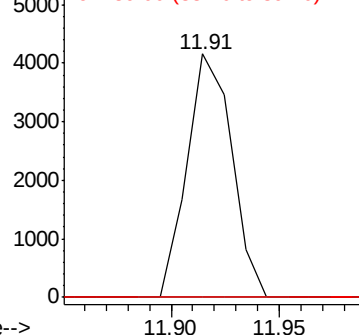
75 100

53 0.0 107.7 161.5#

89 0.0 37.3 55.9#



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 89.00 (88.70 to 89.70): VDC



#96

1,2,3-Trichlorobenzene

Concen: 7.665 ug/l

RT: 14.64 min Scan# 1465

Delta R.T. -0.01 min

Lab File: VD059664.D

Acq: 31 Jul 2018 20:16

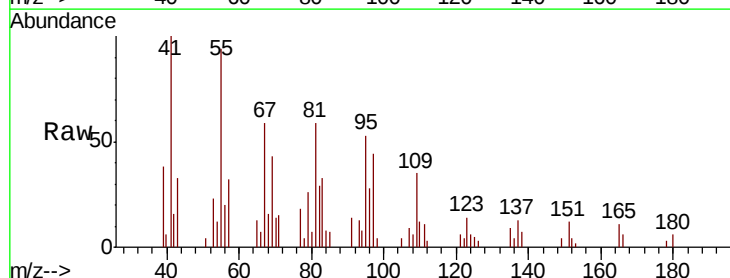
Tgt Ion:180 Resp: 1914

Ion Ratio Lower Upper

180 100

182 0.0 48.6 145.9#

145 0.0 15.6 46.7#



Abundance Ion 179.85 (179.55 to 180.55): V
Ion 181.85 (181.55 to 182.55): V
Ion 144.95 (144.65 to 145.65): V

