

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062218\
 Data File : VD058307.D
 Acq On : 22 Jun 2018 20:15
 Operator : VA/AP
 Sample : J3663-10
 Misc : 5.41g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB470-23-25-180618

Quant Time: Jun 22 23:28:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 20 05:52:56 2018
 Response via : Initial Calibration

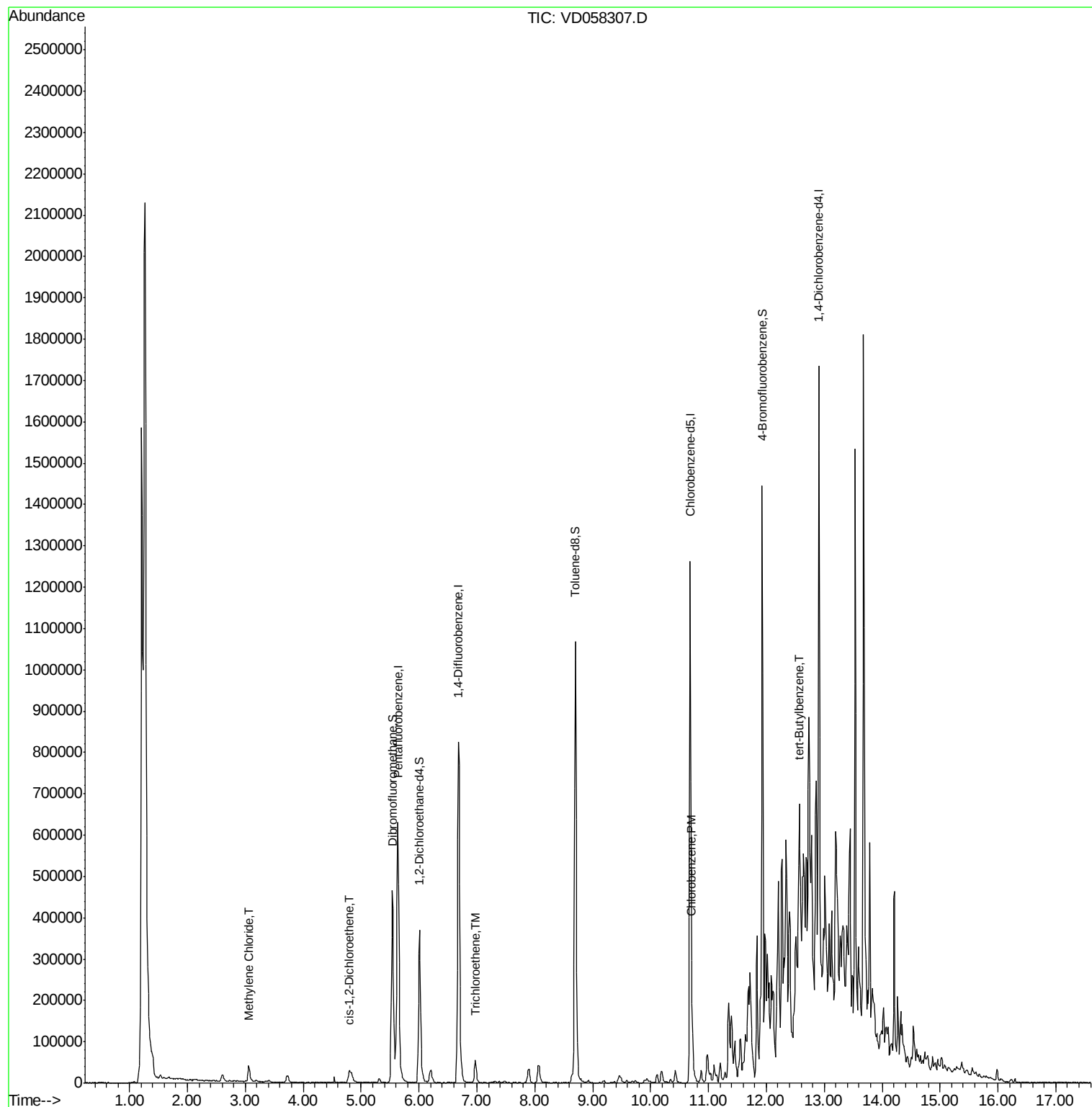
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	644644	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.68	114	840598	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.69	117	679894	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	343530	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	359864	55.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.54%	
35) Dibromofluoromethane	5.54	113	368359	53.84	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	107.68%	
50) Toluene-d8	8.70	98	875056	52.87	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	105.74%	
62) 4-Bromofluorobenzene	11.93	95	371481	54.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.88%	
Target Compounds						
20) Methylene Chloride	3.06	84	17343	2.98	ug/l	96
27) cis-1,2-Dichloroethene	4.79	96	15531	2.57	ug/l	77
44) Trichloroethene	6.98	130	20764	3.49	ug/l	88
65) Chlorobenzene	10.72	112	68085	5.35	ug/l	100
83) tert-Butylbenzene	12.58	119	71123	3.86	ug/l	96

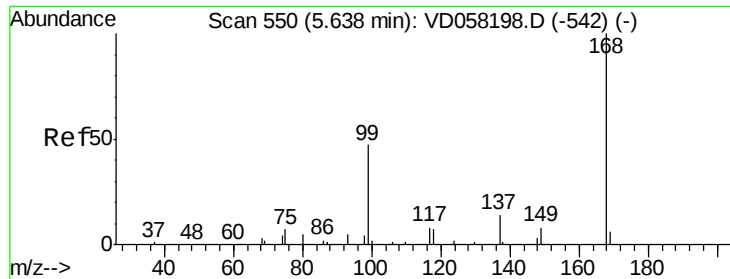
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062218\
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Quant Title : SW846 8260
QLast Update : Wed Jun 20 05:52:56 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.00 min

Lab File: VD058307.D

Acq: 22 Jun 2018 20:15

Instrument :

MSVOA_D

ClientSampleId :

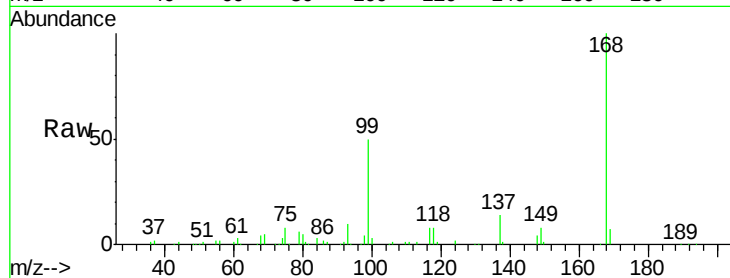
WP021SB470-23-25-180618

Tot Ion:168 Resp: 644644

Ion Ratio Lower Upper

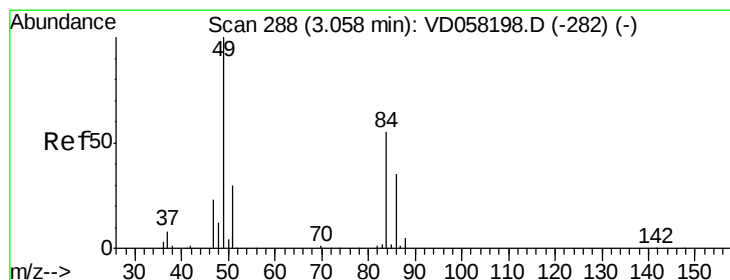
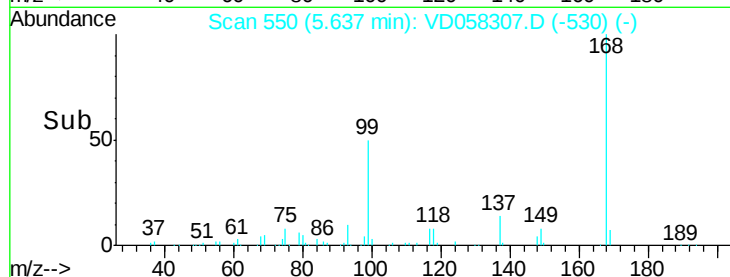
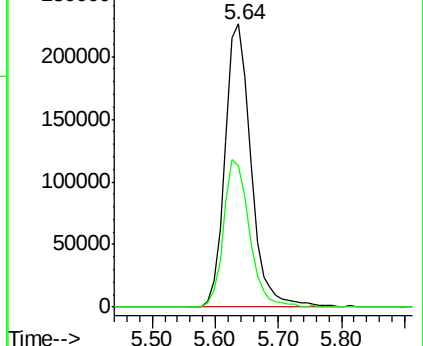
168 100

99 49.7 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 2.98 ug/l

RT: 3.06 min Scan# 288

Delta R.T. -0.00 min

Lab File: VD058307.D

Acq: 22 Jun 2018 20:15

Tgt Ion: 84 Resp: 17343

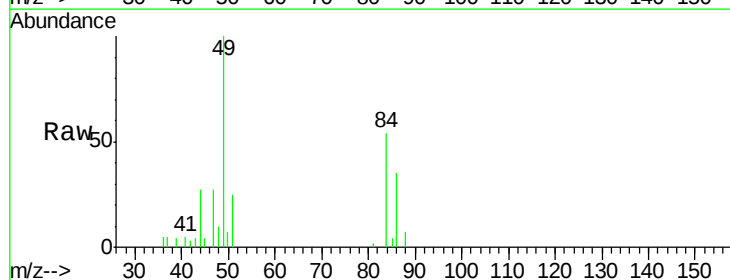
Ion Ratio Lower Upper

84 100

49 184.1 145.0 217.6

51 46.5 42.9 64.3

86 65.0 50.1 75.1

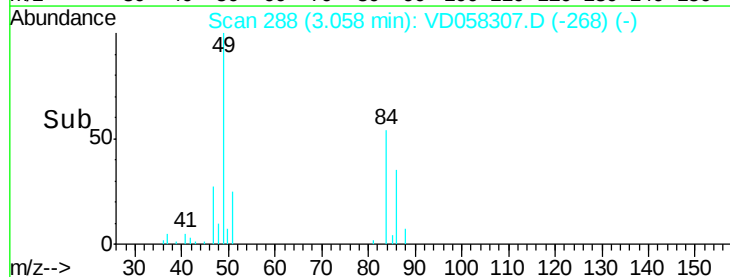
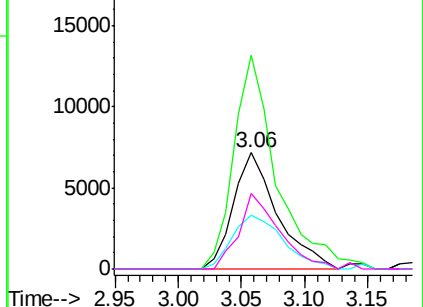


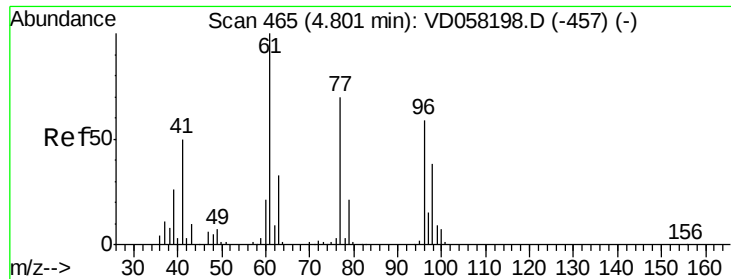
Abundance Ion 83.95 (83.65 to 84.65): VDC

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





#27

cis-1,2-Dichloroethene

Concen: 2.57 ug/l

RT: 4.79 min Scan# 464

Delta R.T. -0.01 min

Lab File: VD058307.D

Acq: 22 Jun 2018 20:15

Instrument :

MSVOA_D

ClientSampleId :

WP021SB470-23-25-180618

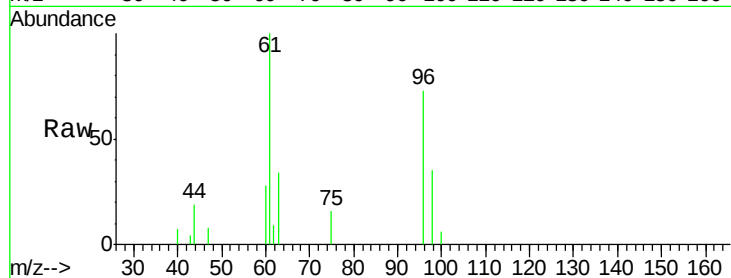
Tot Ion: 96 Resp: 15531

Ion Ratio Lower Upper

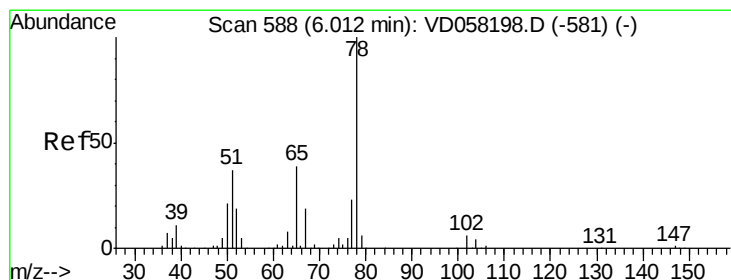
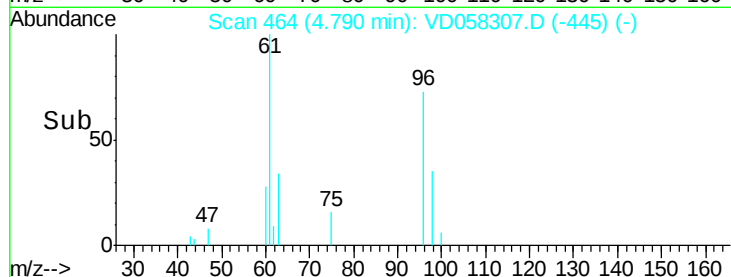
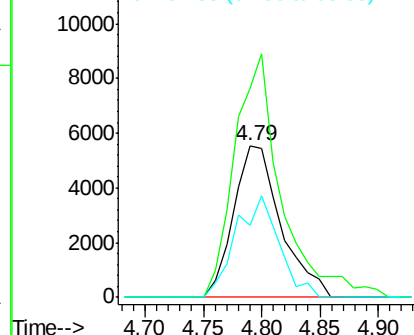
96 100

61 137.7 0.0 338.6

98 47.8 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 97.85 (97.55 to 98.55): VDC



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 6.01 min Scan# 588

Delta R.T. -0.00 min

Lab File: VD058307.D

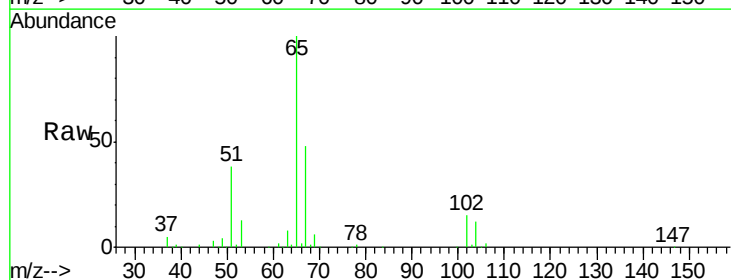
Acq: 22 Jun 2018 20:15

Tgt Ion: 65 Resp: 359864

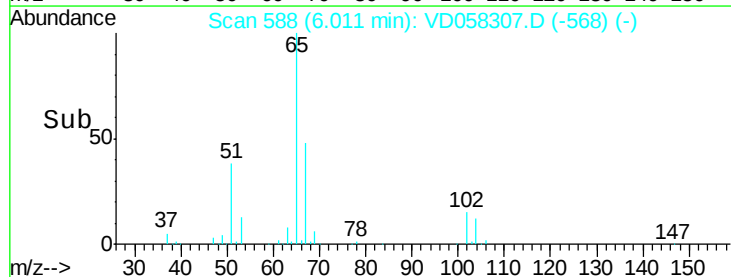
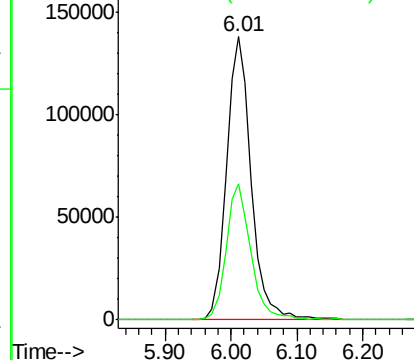
Ion Ratio Lower Upper

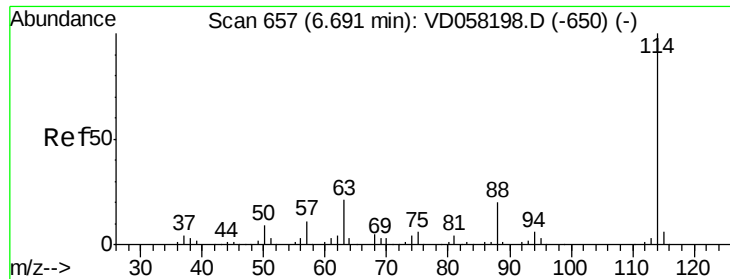
65 100

67 48.3 0.0 97.8



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

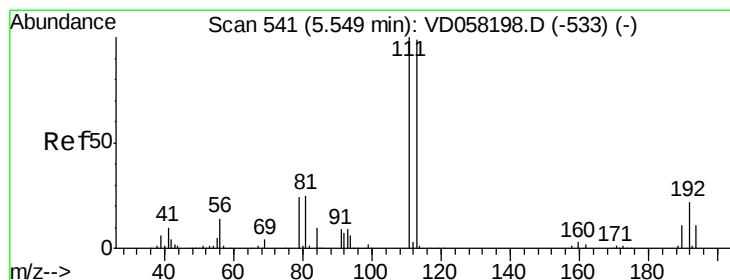
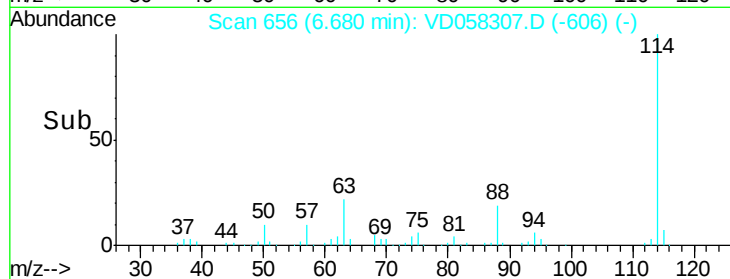
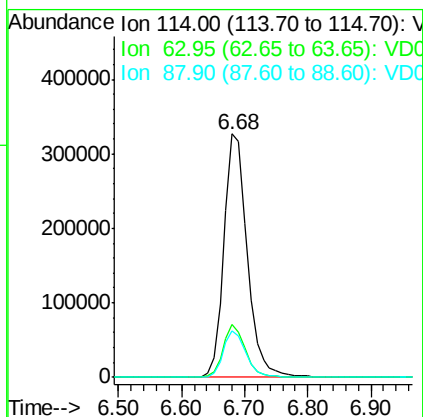
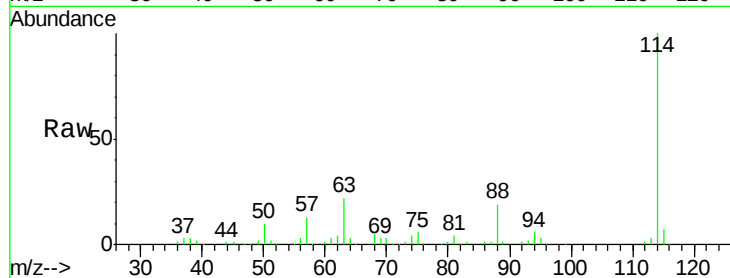




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.68 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: VD058307.D
 Acq: 22 Jun 2018 20:15

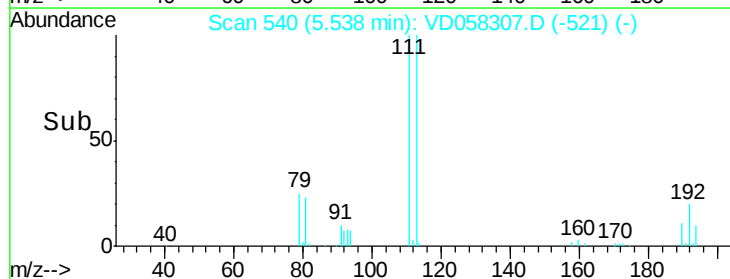
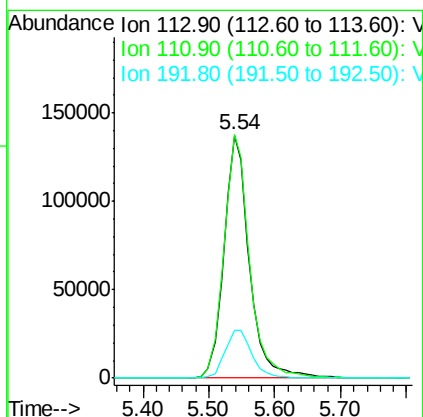
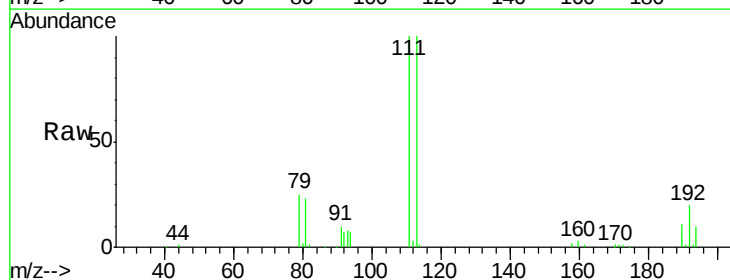
Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB470-23-25-180618

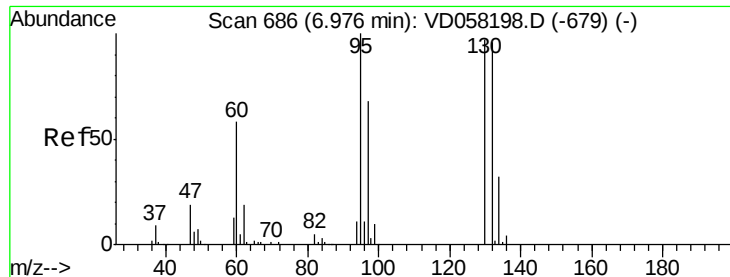
Tot Ion:	114	Resp:	840598
Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	42.6
88	19.1	0.0	40.6



#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.54 min Scan# 540
 Delta R.T. -0.01 min
 Lab File: VD058307.D
 Acq: 22 Jun 2018 20:15

Tgt Ion:	113	Resp:	368359
Ion	Ratio	Lower	Upper
113	100		
111	100.4	80.6	121.0
192	19.8	17.8	26.6





#44

Trichloroethene

Concen: 3.49 ug/l

RT: 6.98 min Scan# 686

Delta R.T. -0.00 min

Lab File: VD058307.D

Acq: 22 Jun 2018 20:15

Instrument :

MSVOA_D

ClientSampleId :

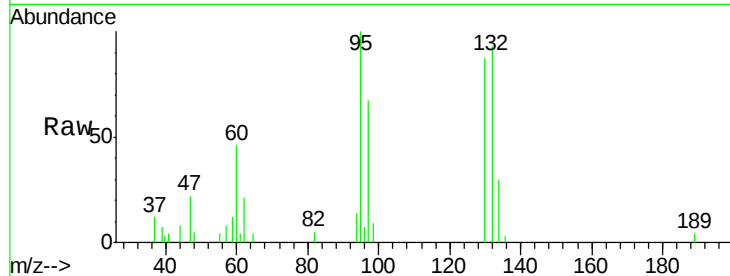
WP021SB470-23-25-180618

Tot Ion:130 Resp: 20764

Ion Ratio Lower Upper

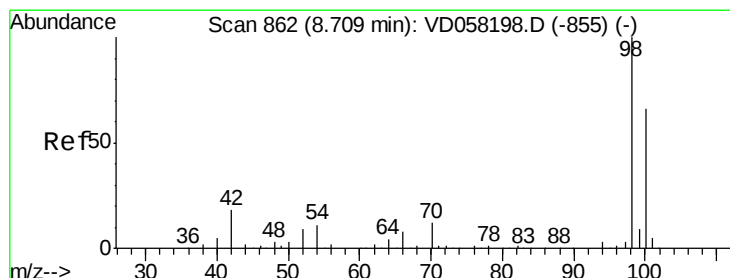
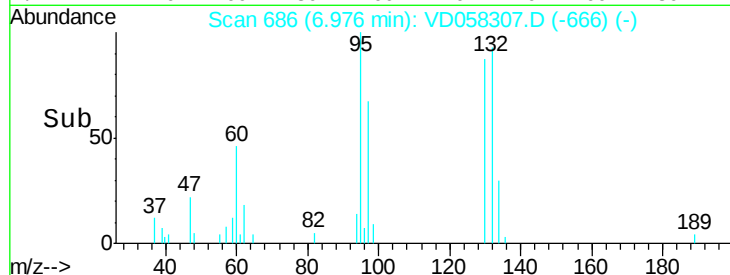
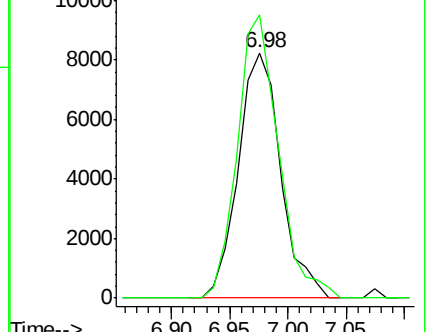
130 100

95 115.4 0.0 205.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC



#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.70 min Scan# 861

Delta R.T. -0.01 min

Lab File: VD058307.D

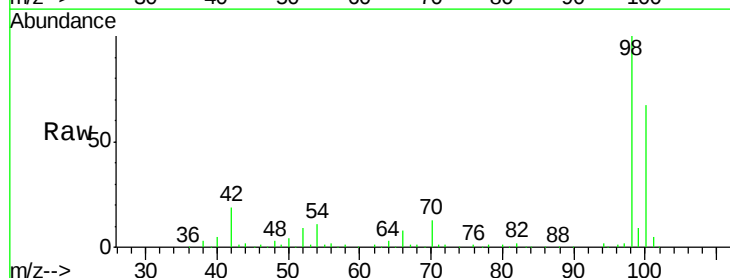
Acq: 22 Jun 2018 20:15

Tgt Ion: 98 Resp: 875056

Ion Ratio Lower Upper

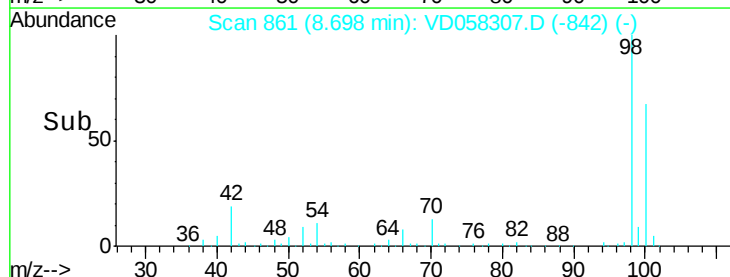
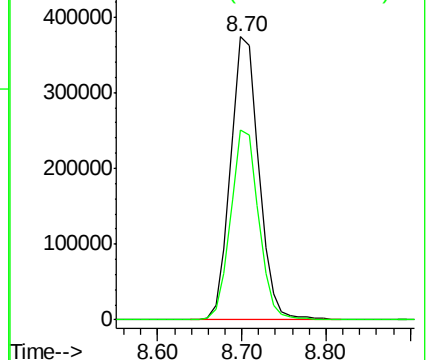
98 100

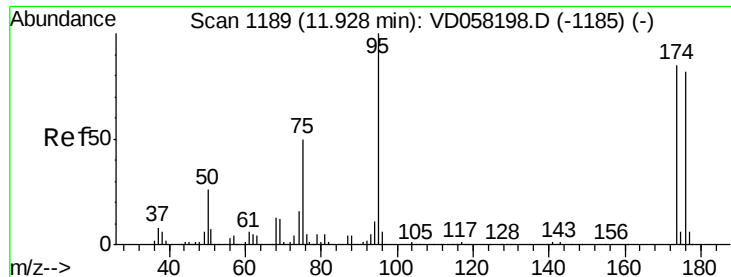
100 67.1 53.6 80.4



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: 11.93 min Scan# 1189

Delta R.T. -0.00 min

Lab File: VD058307.D

Acq: 22 Jun 2018 20:15

Instrument :

MSVOA_D

ClientSampleId :

WP021SB470-23-25-180618

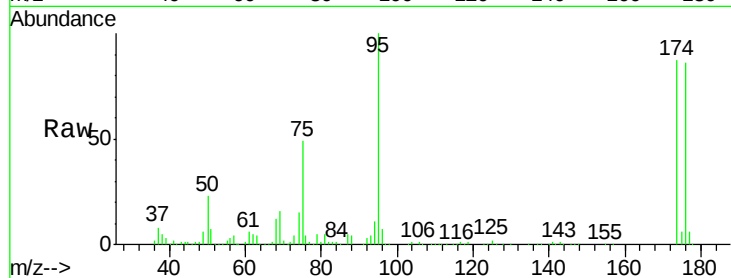
Tot Ion: 95 Resp: 371481

Ion Ratio Lower Upper

95 100

174 87.1 0.0 170.2

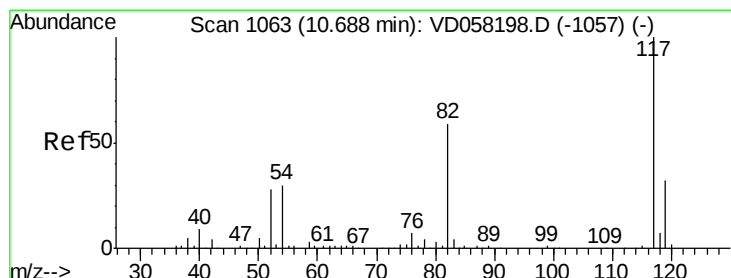
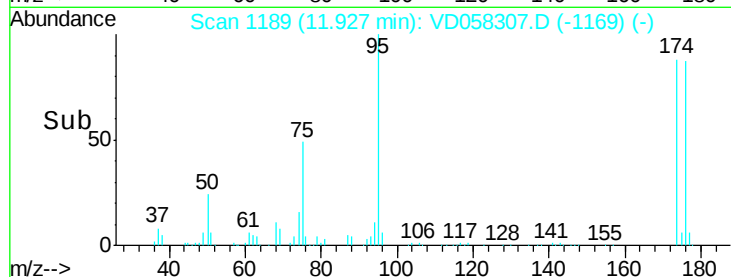
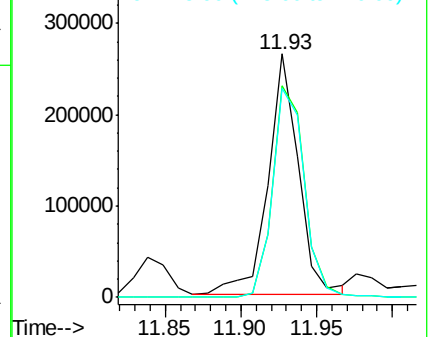
176 85.8 0.0 164.6



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: 50.00 ug/l

RT: 10.69 min Scan# 1063

Delta R.T. -0.00 min

Lab File: VD058307.D

Acq: 22 Jun 2018 20:15

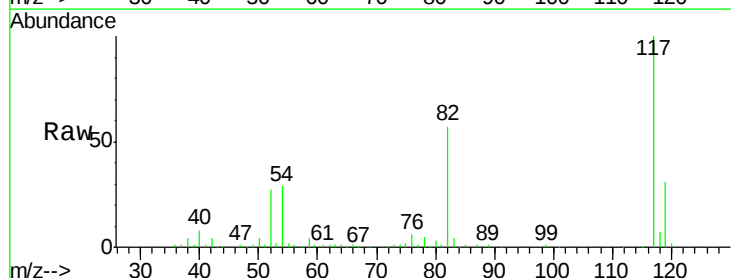
Tgt Ion: 117 Resp: 679894

Ion Ratio Lower Upper

117 100

82 57.3 47.0 70.6

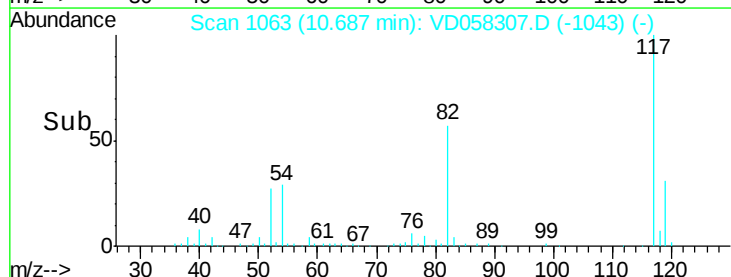
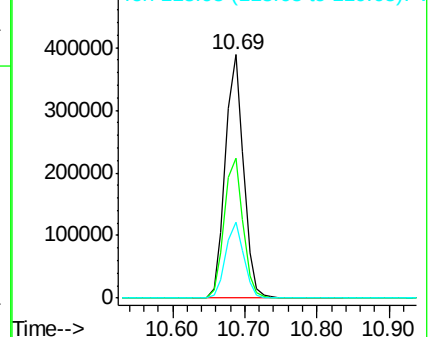
119 31.4 25.3 37.9

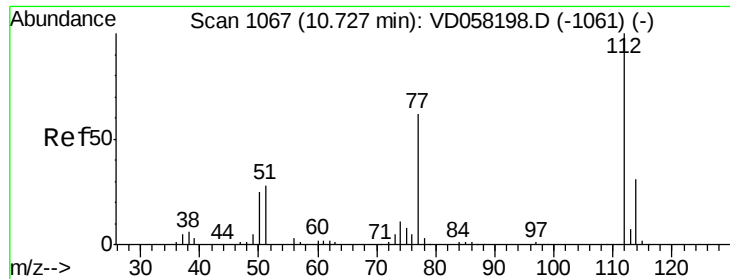


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

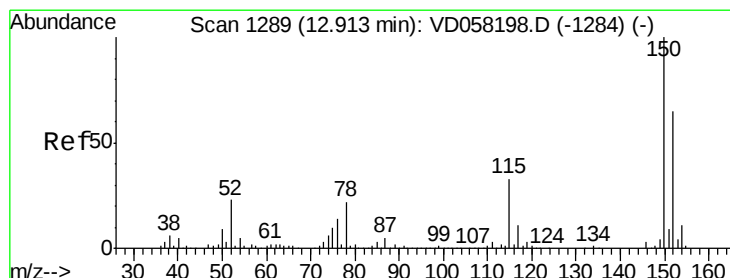
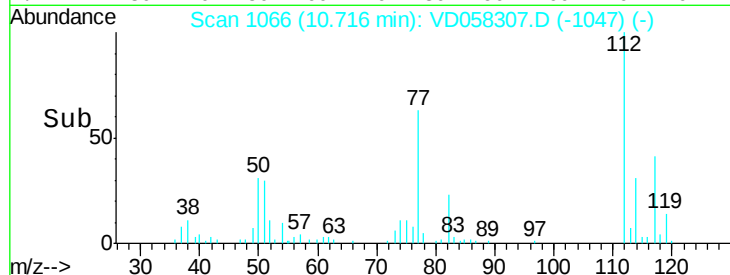
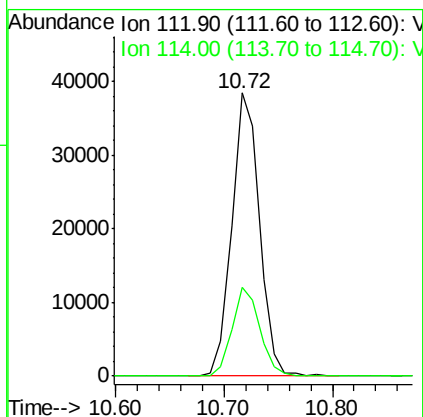
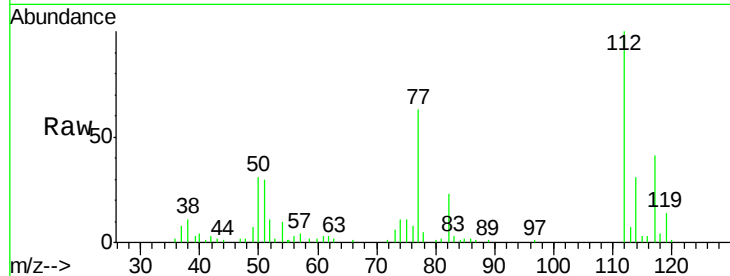




#65
Chlorobenzene
Concen: 5.35 ug/l
RT: 10.72 min Scan# 1066
Delta R.T. -0.01 min
Lab File: VD058307.D
Acq: 22 Jun 2018 20:15

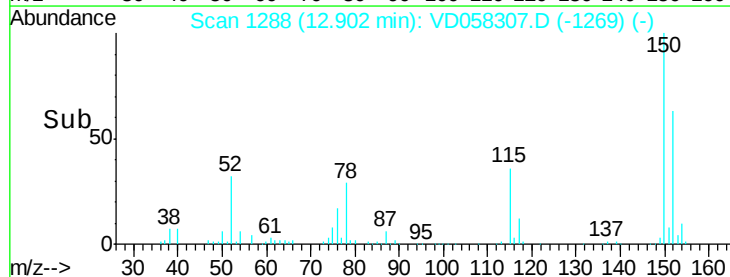
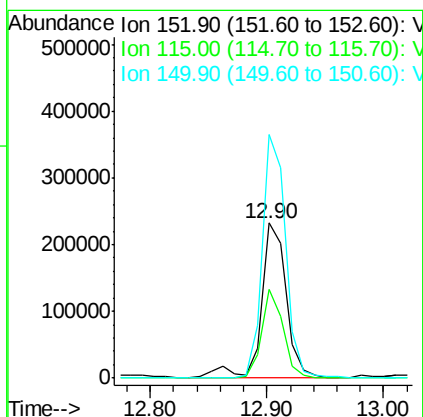
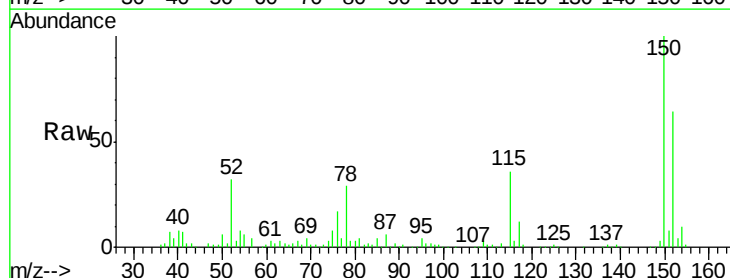
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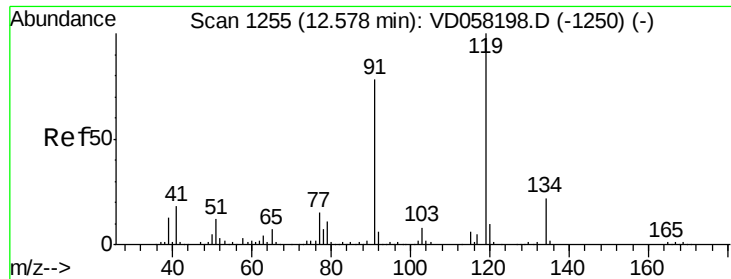
Tot Ion:112 Resp: 68085
Ion Ratio Lower Upper
112 100
114 31.2 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.90 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VD058307.D
Acq: 22 Jun 2018 20:15

Tgt Ion:152 Resp: 343530
Ion Ratio Lower Upper
152 100
115 57.3 25.1 75.3
150 157.2 0.0 308.8

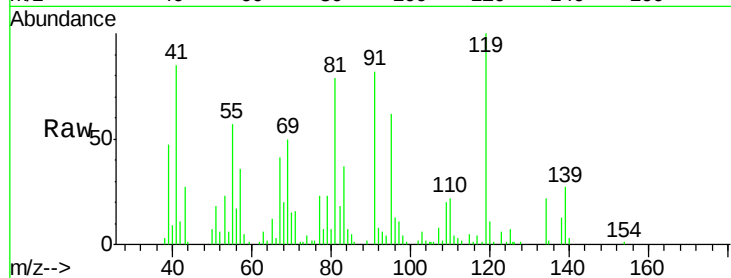




#83
 tert-Butylbenzene
 Concen: 3.86 ug/l
 RT: 12.58 min Scan# 1255
 Delta R.T. -0.00 min
 Lab File: VD058307.D
 Acq: 22 Jun 2018 20:15

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB470-23-25-180618

Tot Ion:119 Resp: 71123
 Ion Ratio Lower Upper
 119 100
 91 82.1 38.9 116.6
 134 21.8 11.2 33.5



Abundance Ion 119.05 (118.75 to 119.75): V
 Ion 91.00 (90.70 to 91.70): VDC
 Ion 134.00 (133.70 to 134.70): V

