

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062318\
 Data File : VD058343.D
 Acq On : 23 Jun 2018 16:18
 Operator : VA/AP
 Sample : J3664-18
 Misc : 5.84g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB485-31-33-180619

Quant Time: Jun 25 03:23:44 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

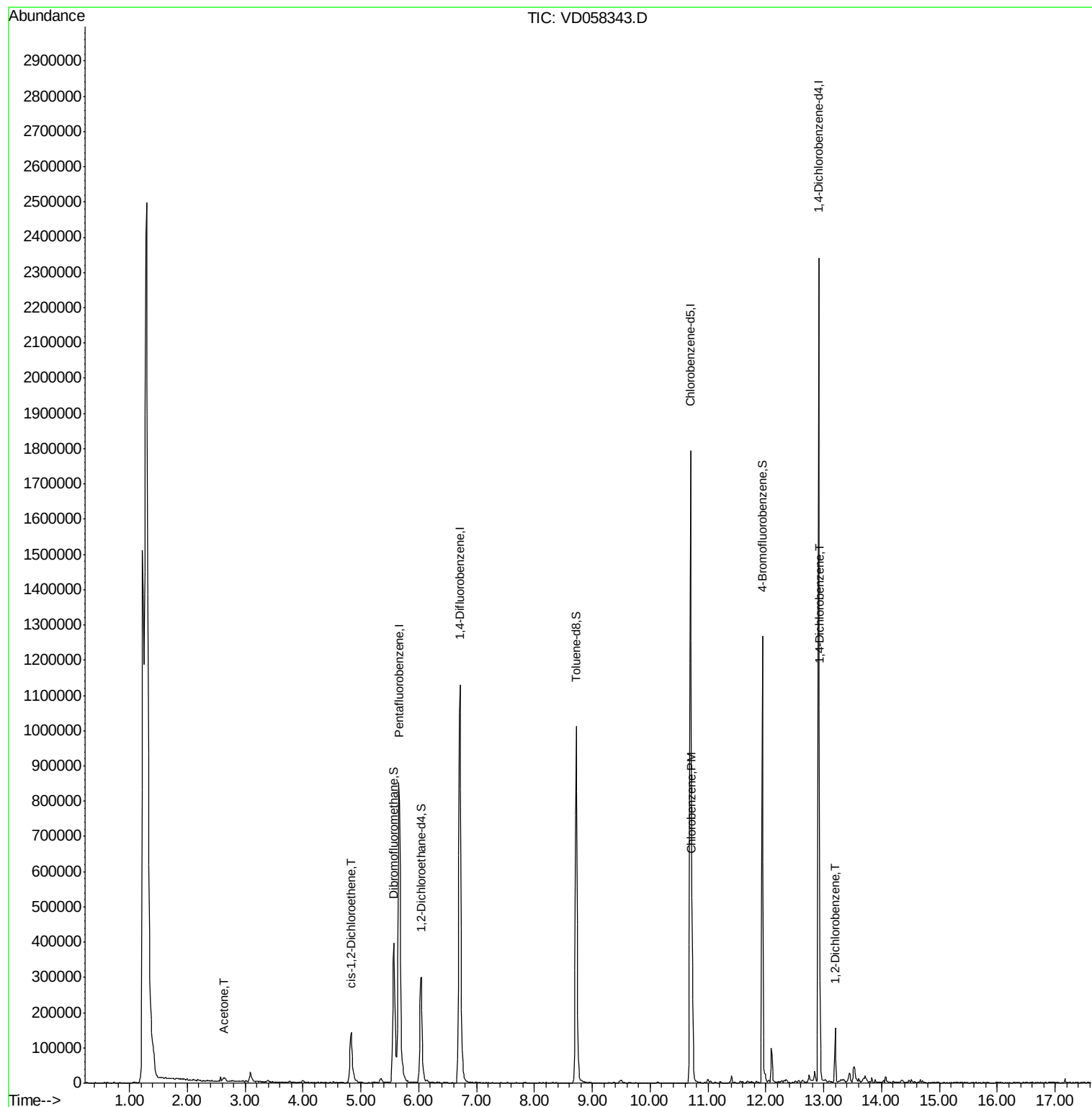
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	889482	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.71	114	1184628	50.00	ug/l	0.02
63) Chlorobenzene-d5	10.70	117	938310	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	459296	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	309684	34.47	ug/l	0.03
Spiked Amount 50.000			Recovery	=	68.94%	
35) Dibromofluoromethane	5.57	113	331302	34.36	ug/l	0.02
Spiked Amount 50.000			Recovery	=	68.72%	
50) Toluene-d8	8.72	98	780683	33.47	ug/l	0.01
Spiked Amount 50.000			Recovery	=	66.94%	
62) 4-Bromofluorobenzene	11.94	95	334404	35.09	ug/l	0.01
Spiked Amount 50.000			Recovery	=	70.18%	
Target Compounds						
16) Acetone	2.63	43	20015	16.29	ug/l	# 75
27) cis-1,2-Dichloroethene	4.83	96	84144	10.08	ug/l	84
65) Chlorobenzene	10.73	112	119740	6.82	ug/l	99
88) 1,4-Dichlorobenzene	12.93	146	41936	3.00	ug/l	96
91) 1,2-Dichlorobenzene	13.20	146	38251	3.14	ug/l	95

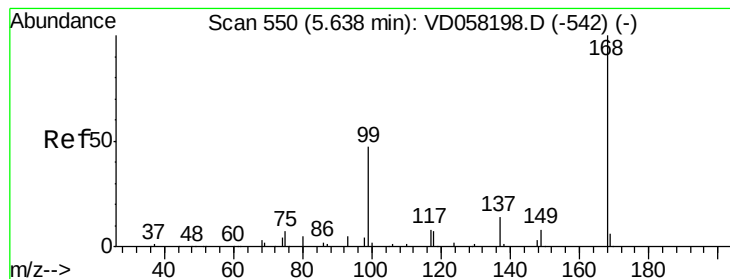
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062318\
Data File : VD058343.D
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WP021SB485-31-33-180619

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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: 5.66 min Scan# 552

Delta R.T. 0.02 min

Lab File: VD058343.D

Acq: 23 Jun 2018 16:18

Instrument :

MSVOA_D

ClientSampleId :

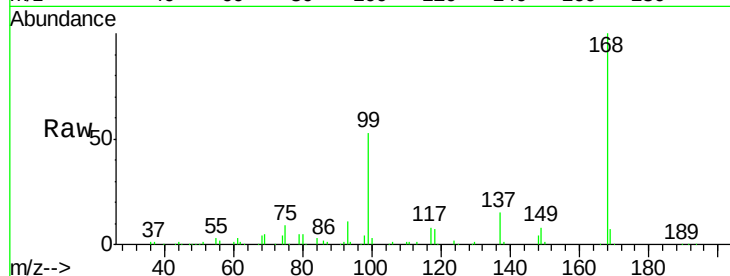
WP021SB485-31-33-180619

Tot Ion:168 Resp: 889482

Ion Ratio Lower Upper

168 100

99 52.8 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.66

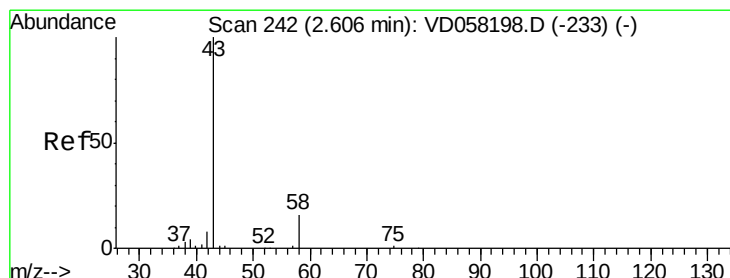
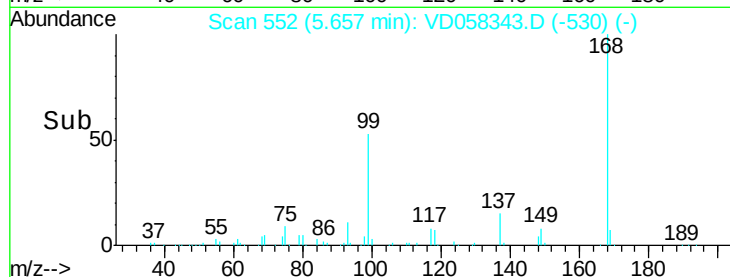
300000

200000

100000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 16.29 ug/l

RT: 2.63 min Scan# 244

Delta R.T. 0.02 min

Lab File: VD058343.D

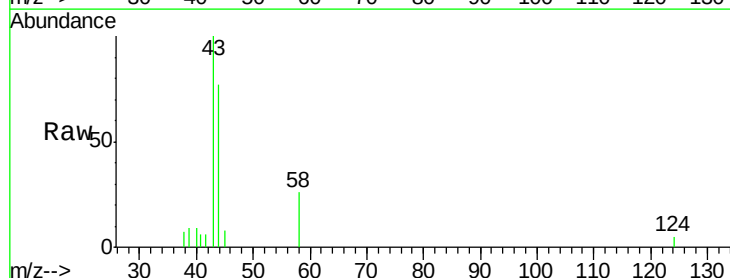
Acq: 23 Jun 2018 16:18

Tgt Ion: 43 Resp: 20015

Ion Ratio Lower Upper

43 100

58 26.3 12.7 19.1#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

2.63

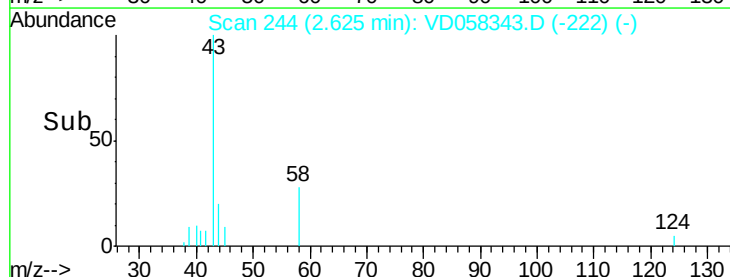
6000

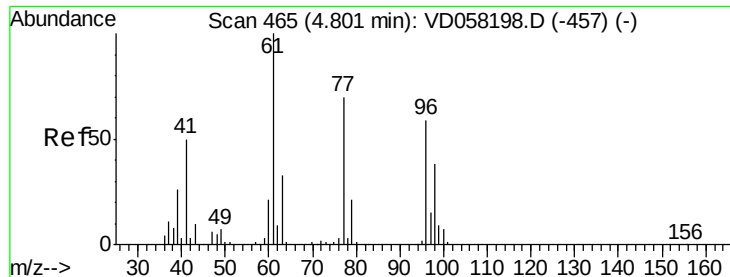
4000

2000

0

Time--> 2.55 2.60 2.65 2.70 2.75





#27

cis-1,2-Dichloroethene

Concen: 10.08 ug/l

RT: 4.83 min Scan# 468

Delta R.T. 0.03 min

Lab File: VD058343.D

Acq: 23 Jun 2018 16:18

Instrument :

MSVOA_D

ClientSampleId :

WP021SB485-31-33-180619

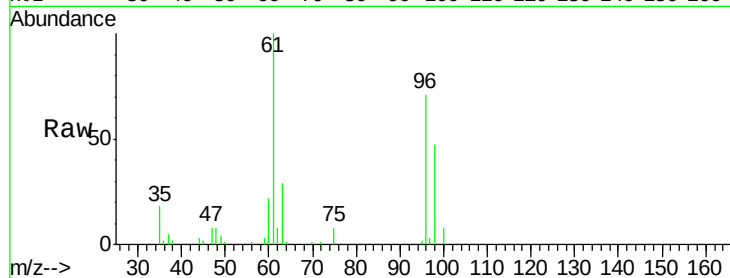
Tot Ion: 96 Resp: 84144

Ion Ratio Lower Upper

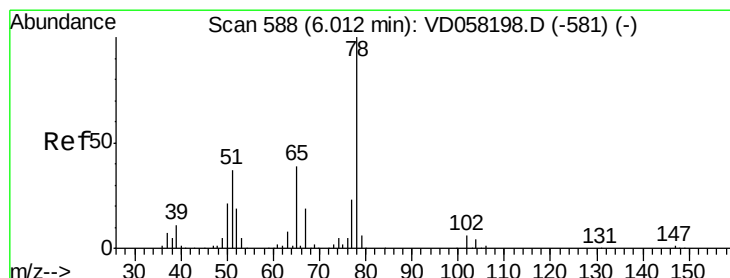
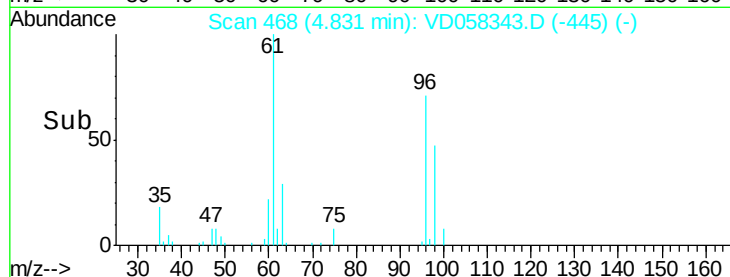
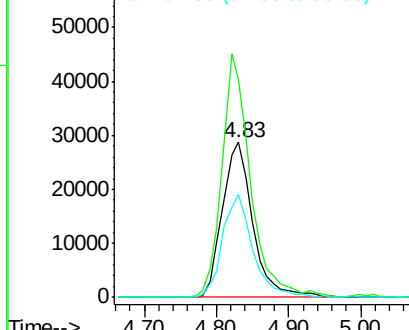
96 100

61 140.6 0.0 338.6

98 66.5 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: 6.04 min Scan# 591

Delta R.T. 0.03 min

Lab File: VD058343.D

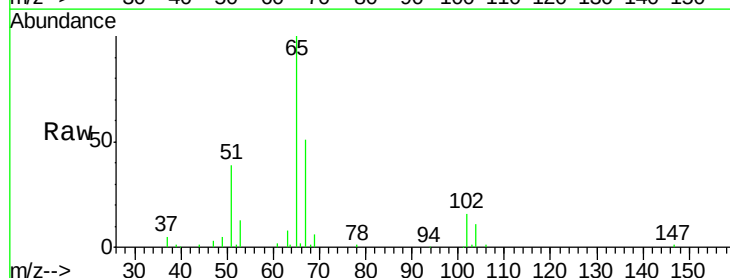
Acq: 23 Jun 2018 16:18

Tgt Ion: 65 Resp: 309684

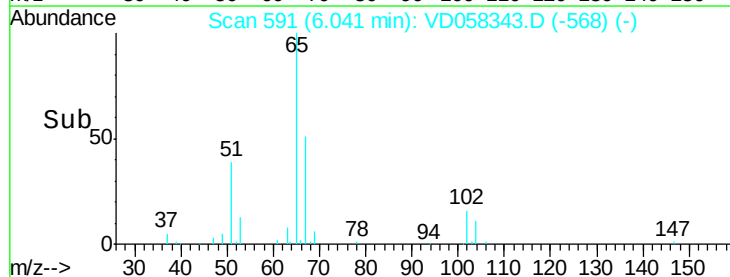
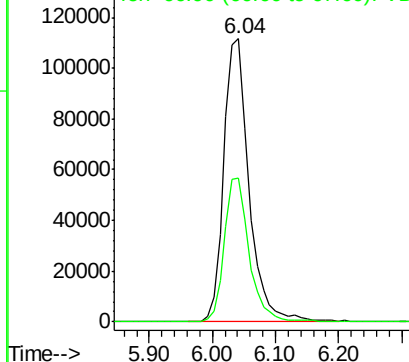
Ion Ratio Lower Upper

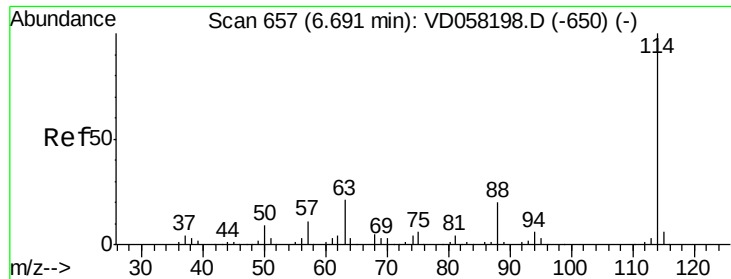
65 100

67 50.7 0.0 97.8



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

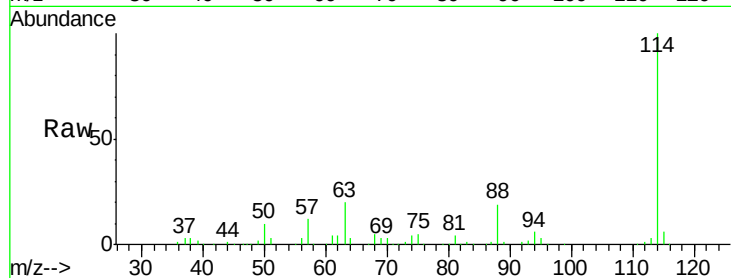




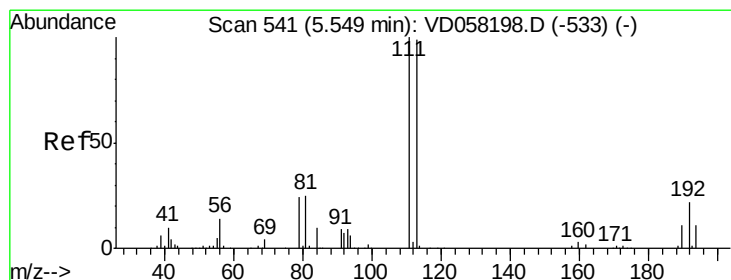
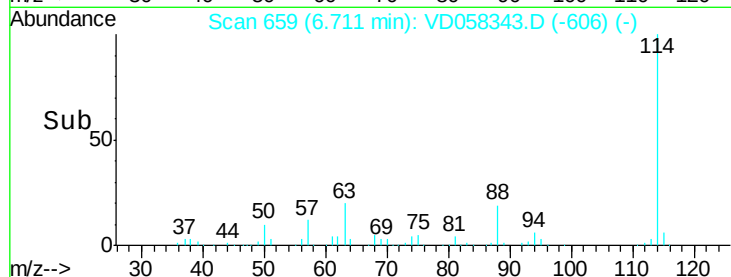
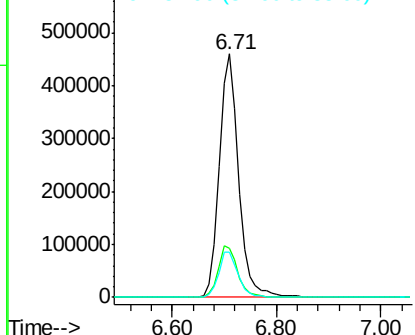
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.71 min Scan# 659
 Delta R.T. 0.02 min
 Lab File: VD058343.D
 Acq: 23 Jun 2018 16:18

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB485-31-33-180619

Tot Ion:114 Resp: 1184628
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 42.6
 88 18.7 0.0 40.6

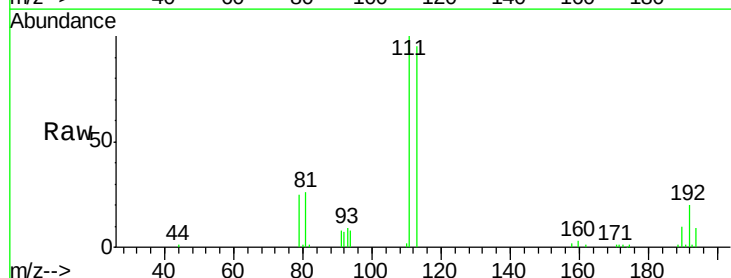


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

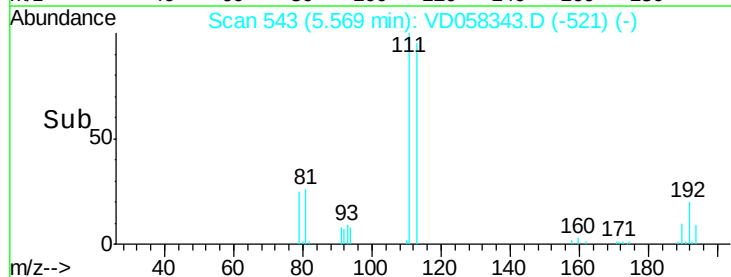
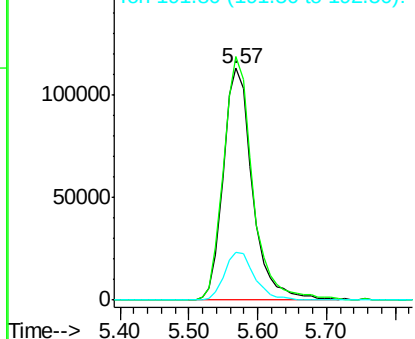


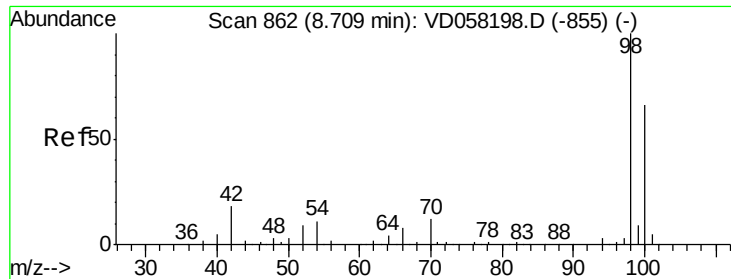
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.57 min Scan# 543
 Delta R.T. 0.02 min
 Lab File: VD058343.D
 Acq: 23 Jun 2018 16:18

Tgt Ion:113 Resp: 331302
 Ion Ratio Lower Upper
 113 100
 111 104.9 80.6 121.0
 192 20.6 17.8 26.6



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

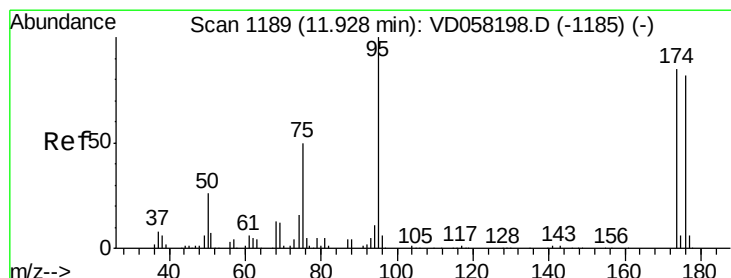
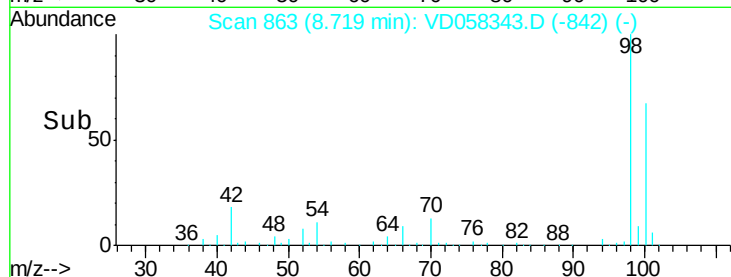
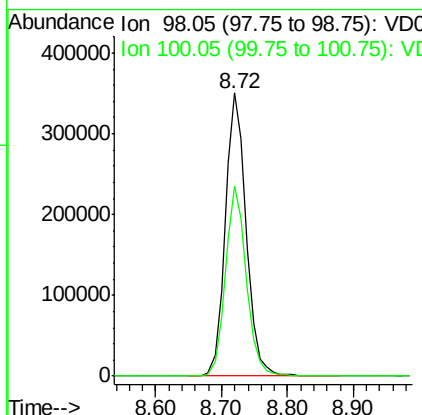
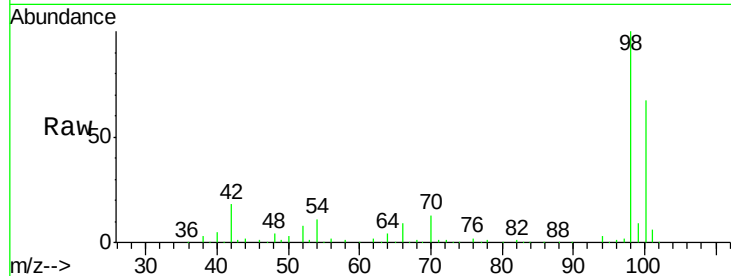




#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.72 min Scan# 863
Delta R.T. 0.01 min
Lab File: VD058343.D
Acq: 23 Jun 2018 16:18

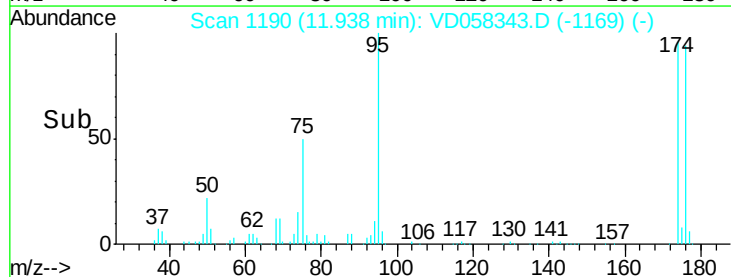
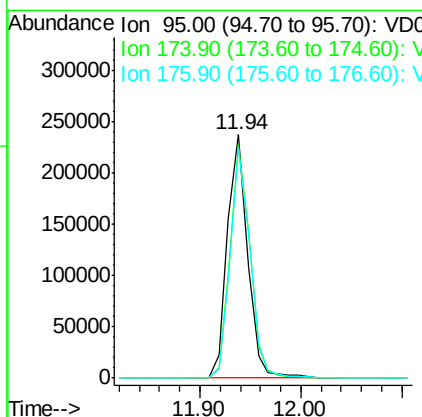
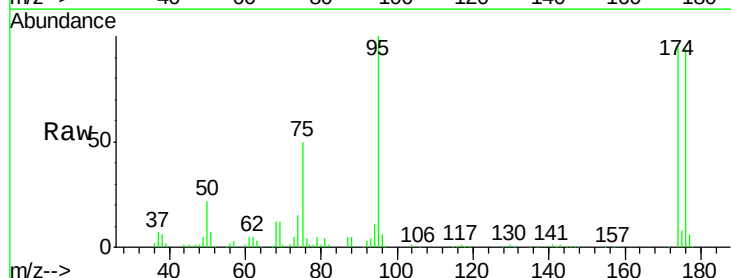
Instrument :
MSVOA_D
ClientSampleId :
WP021SB485-31-33-180619

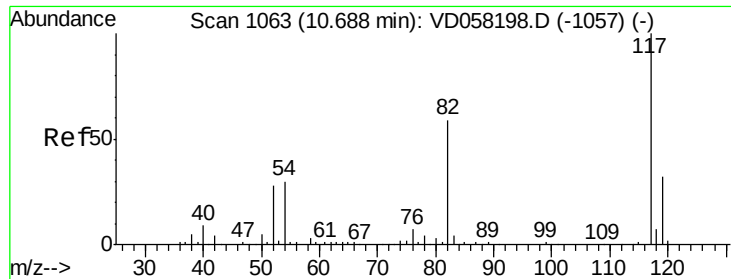
Tot Ion: 98 Resp: 780683
Ion Ratio Lower Upper
98 100
100 66.9 53.6 80.4



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.94 min Scan# 1190
Delta R.T. 0.01 min
Lab File: VD058343.D
Acq: 23 Jun 2018 16:18

Tgt Ion: 95 Resp: 334404
Ion Ratio Lower Upper
95 100
174 96.0 0.0 170.2
176 94.5 0.0 164.6

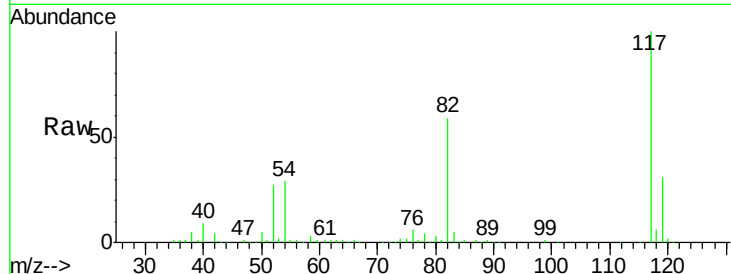




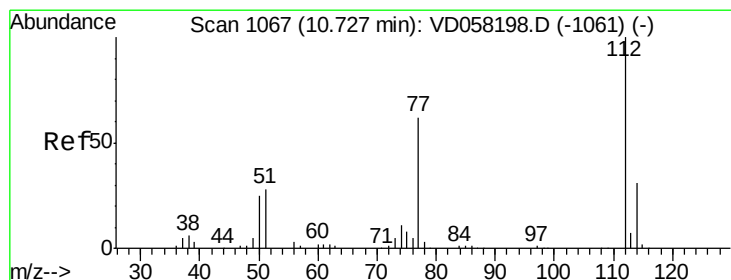
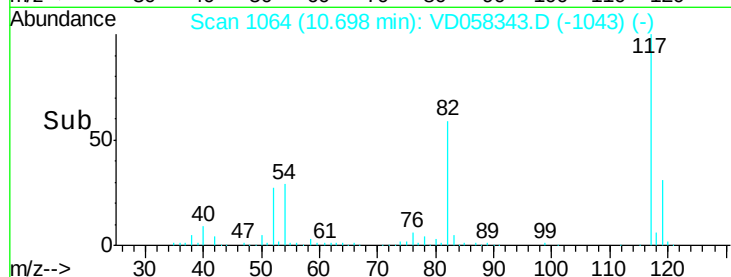
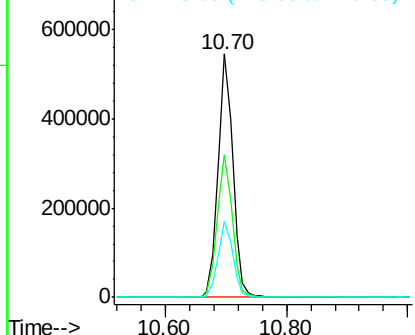
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.70 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VD058343.D
Acq: 23 Jun 2018 16:18

Instrument :
MSVOA_D
ClientSampleId :
WP021SB485-31-33-180619

Tot Ion:117 Resp: 938310
Ion Ratio Lower Upper
117 100
82 58.7 47.0 70.6
119 31.1 25.3 37.9

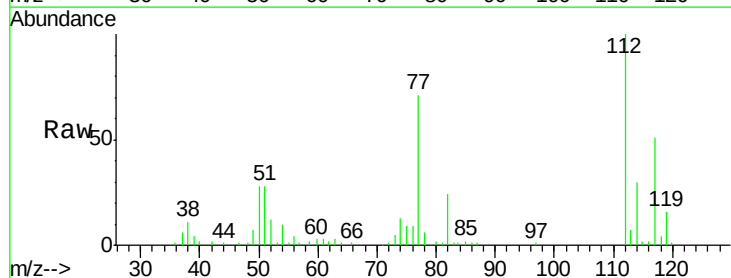


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

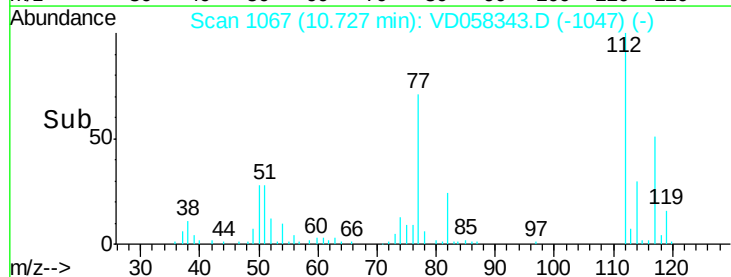
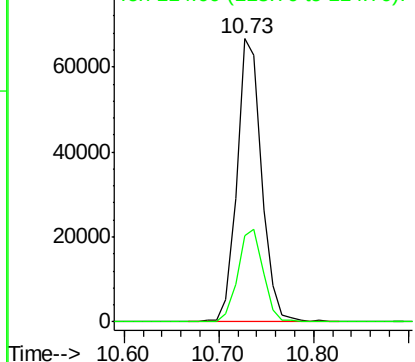


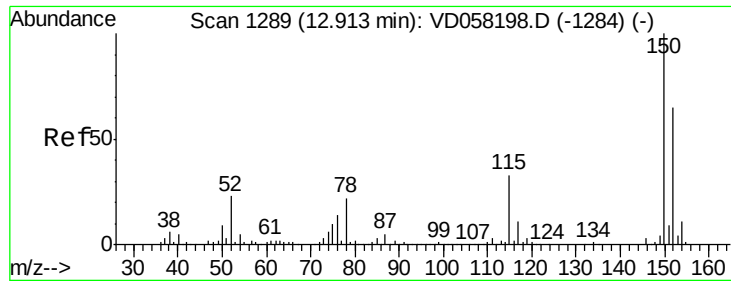
#65
Chlorobenzene
Concen: 6.82 ug/l
RT: 10.73 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VD058343.D
Acq: 23 Jun 2018 16:18

Tgt Ion:112 Resp: 119740
Ion Ratio Lower Upper
112 100
114 30.4 25.0 37.4



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 114.00 (113.70 to 114.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.91 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VD058343.D

Acq: 23 Jun 2018 16:18

Instrument :

MSVOA_D

ClientSampleId :

WP021SB485-31-33-180619

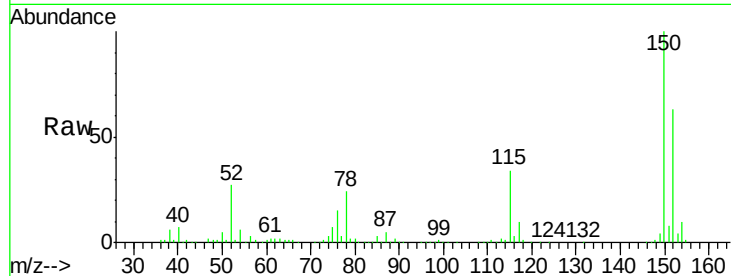
Tot Ion:152 Resp: 459296

Ion Ratio Lower Upper

152 100

115 54.1 25.1 75.3

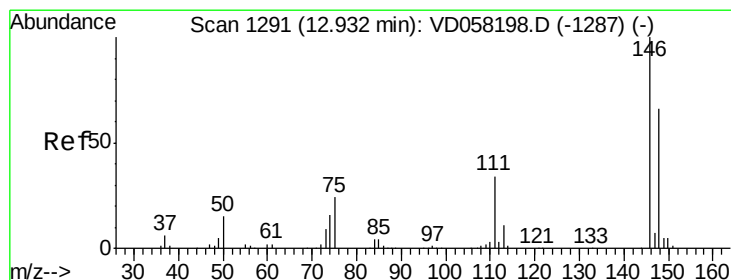
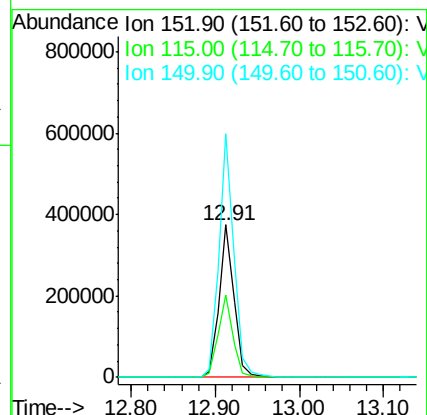
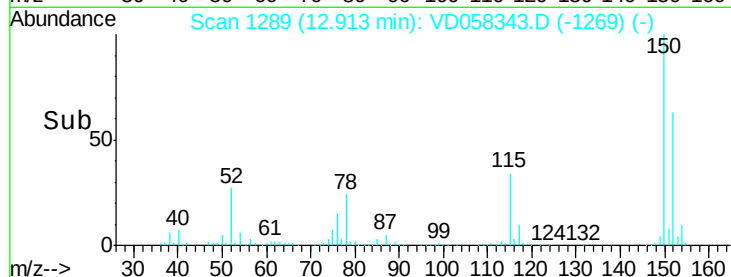
150 159.6 0.0 308.8



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



#88

1,4-Dichlorobenzene

Concen: 3.00 ug/l

RT: 12.93 min Scan# 1291

Delta R.T. 0.00 min

Lab File: VD058343.D

Acq: 23 Jun 2018 16:18

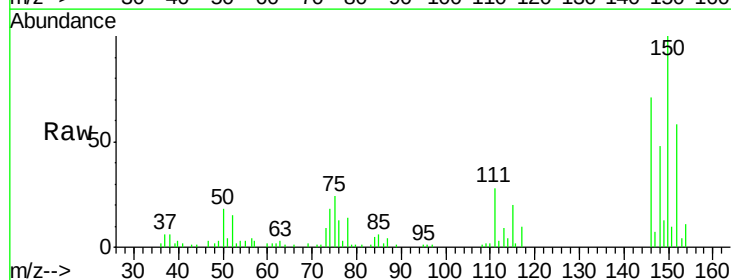
Tgt Ion:146 Resp: 41936

Ion Ratio Lower Upper

146 100

111 39.5 17.2 51.5

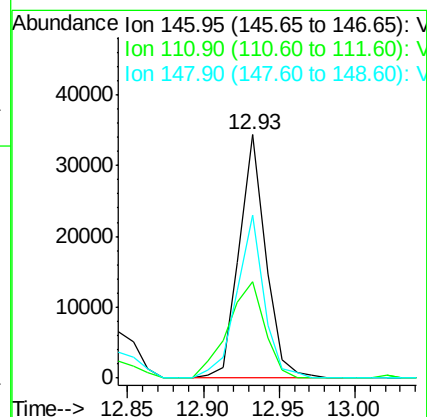
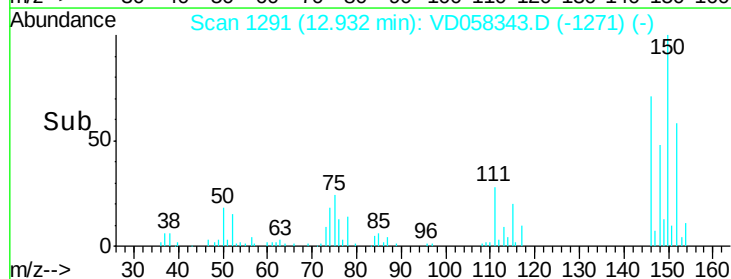
148 66.8 33.1 99.3

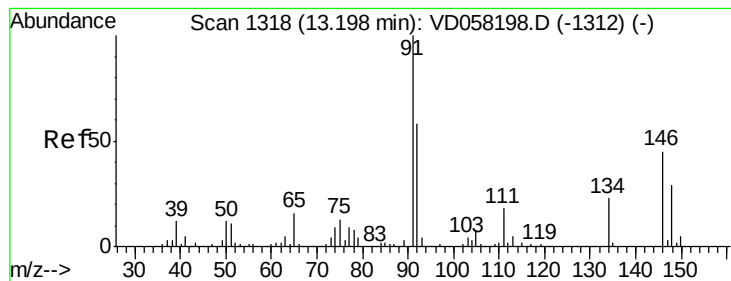


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

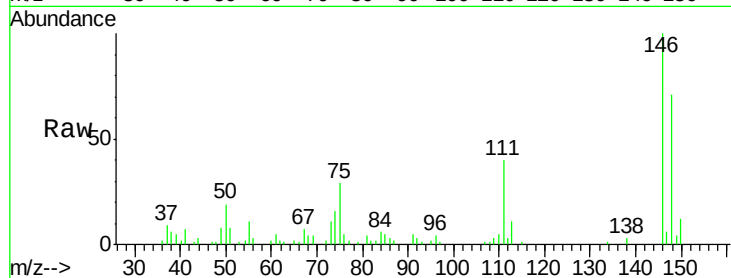




#91
 1,2-Dichlorobenzene
 Concen: 3.14 ug/l
 RT: 13.20 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: VD058343.D
 Acq: 23 Jun 2018 16:18

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB485-31-33-180619

Tot Ion:146 Resp: 38251
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.6 58.7
 148 70.6 32.0 96.2



Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

