

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062118\
 Data File : VD058276.D
 Acq On : 22 Jun 2018 4:20
 Operator : VA/AP
 Sample : J3622-12
 Misc : 5.73g/5ml/MSVOA D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-C

Quant Time: Jun 22 08:15:56 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

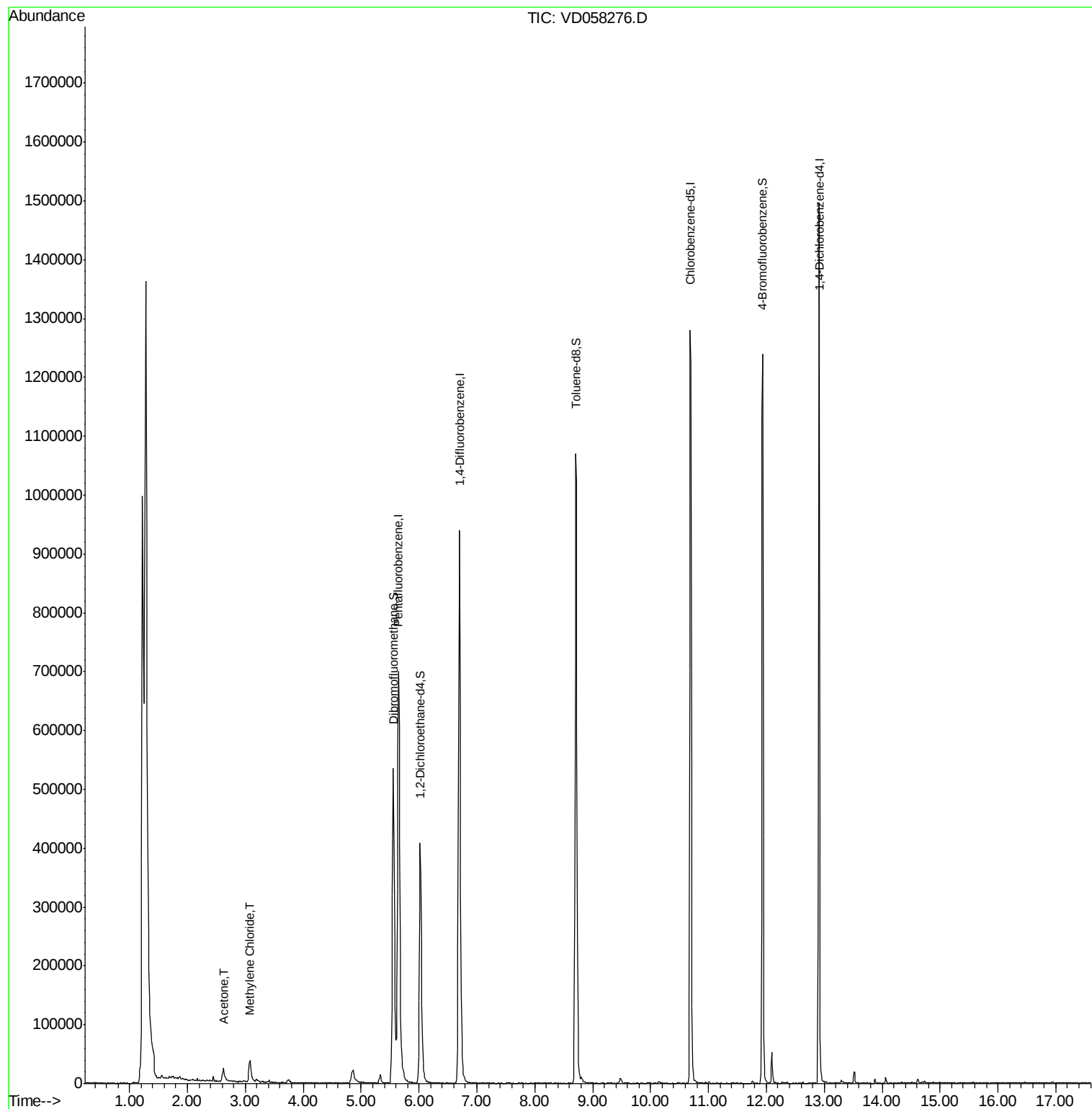
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	685382	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.70	114	954963	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.70	117	746159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	348386	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	401180	57.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.90%	
35) Dibromofluoromethane	5.56	113	425872	54.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.58%	
50) Toluene-d8	8.71	98	871519	46.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.70%	
62) 4-Bromofluorobenzene	11.94	95	348192	45.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.66%	
Target Compounds						
16) Acetone	2.62	43	45086	47.62	ug/l	98
20) Methylene Chloride	3.08	84	17285	2.46	ug/l	94

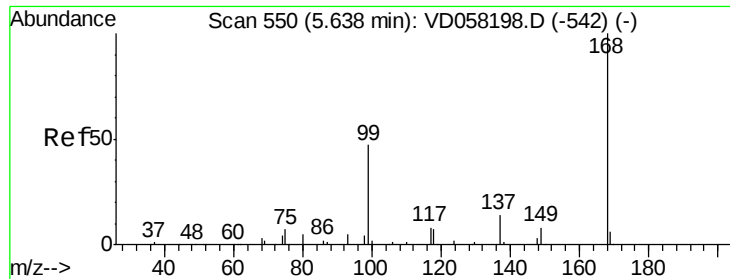
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 551

Delta R.T. 0.01 min

Lab File: VD058276.D

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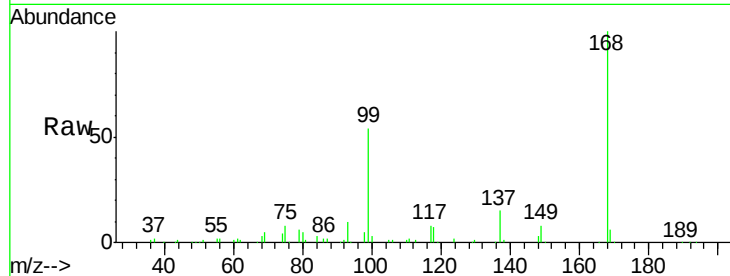
SP-C

Tot Ion:168 Resp: 685382

Ion Ratio Lower Upper

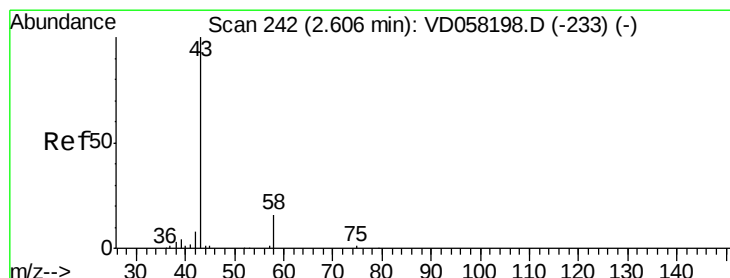
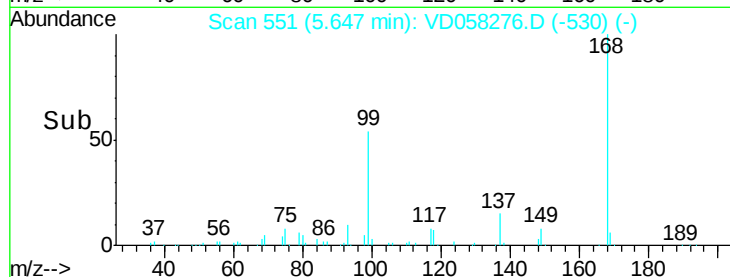
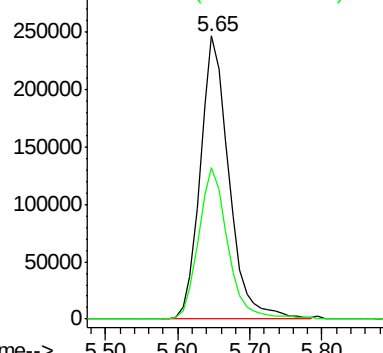
168 100

99 53.5 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 47.62 ug/l

RT: 2.62 min Scan# 244

Delta R.T. 0.02 min

Lab File: VD058276.D

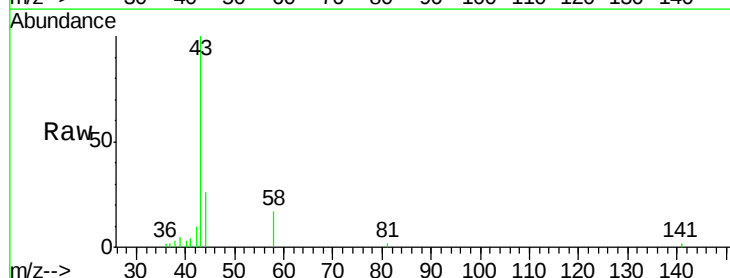
Acq: 22 Jun 2018 4:20

Tgt Ion: 43 Resp: 45086

Ion Ratio Lower Upper

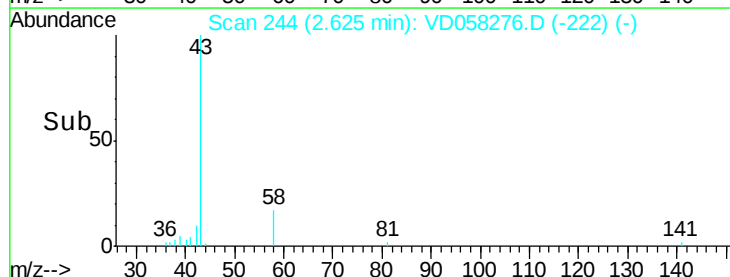
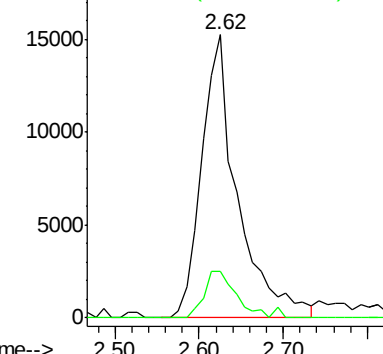
43 100

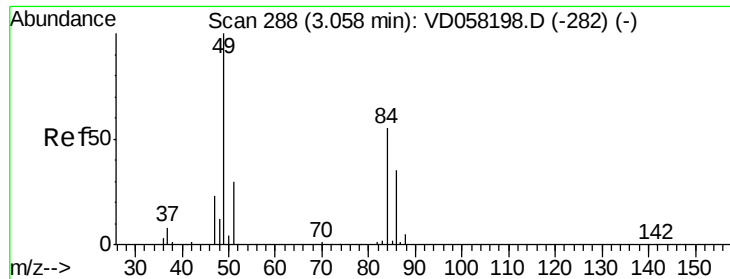
58 16.6 12.7 19.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

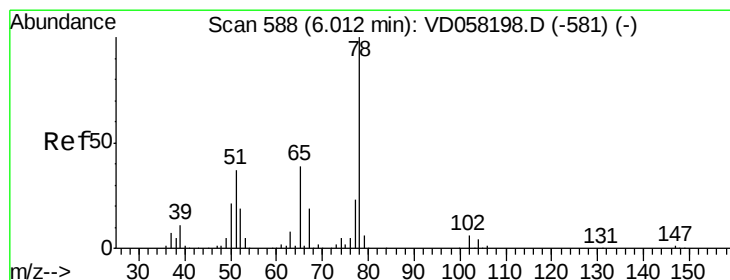
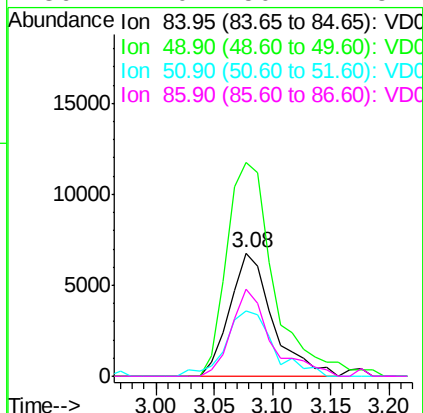
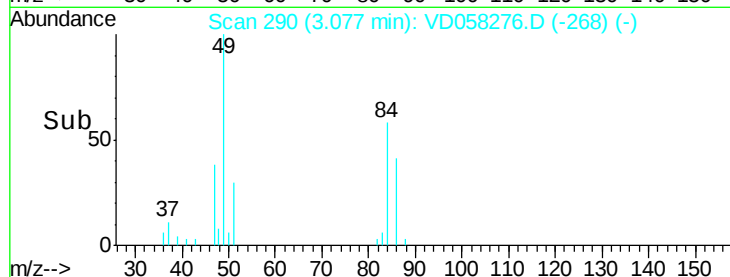
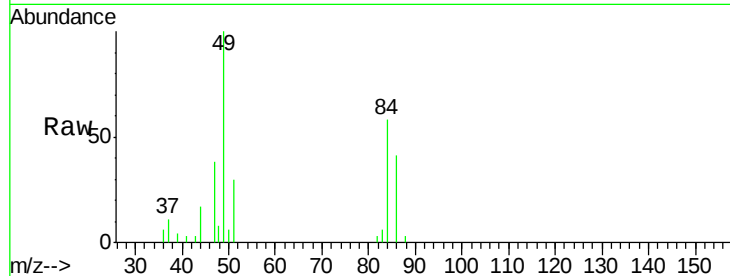




#20
Methvlene Chloride
Concen: 2.46 ug/l
RT: 3.08 min Scan# 290
Delta R.T. 0.02 min
Lab File: VD058276.D
Acq: 22 Jun 2018 4:20

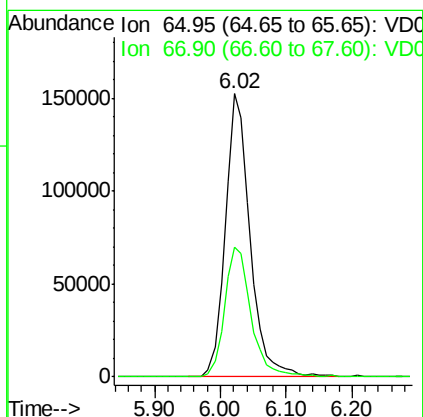
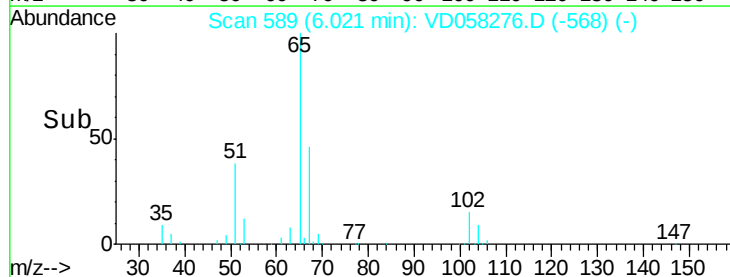
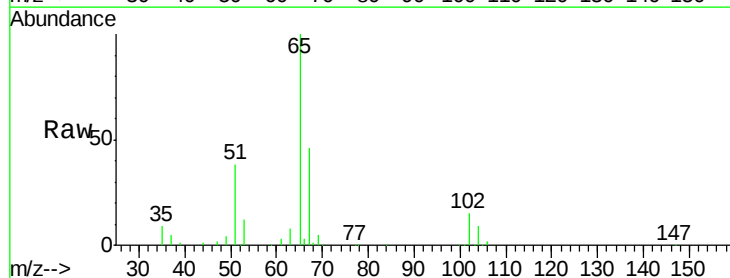
Instrument :
MSVOA_D
ClientSampleId :
SP-C

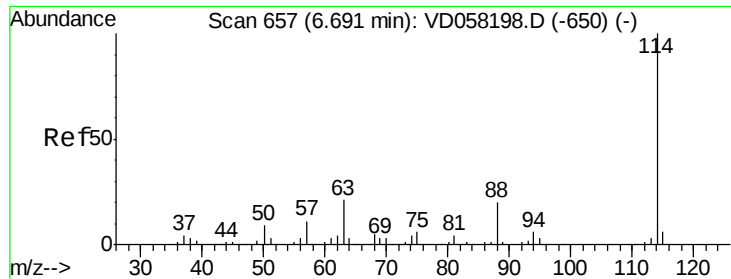
Tot Ion: 84 Resp: 17285
Ion Ratio Lower Upper
84 100
49 173.5 145.0 217.6
51 52.6 42.9 64.3
86 71.0 50.1 75.1



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.02 min Scan# 589
Delta R.T. 0.01 min
Lab File: VD058276.D
Acq: 22 Jun 2018 4:20

Tgt Ion: 65 Resp: 401180
Ion Ratio Lower Upper
65 100
67 46.0 0.0 97.8

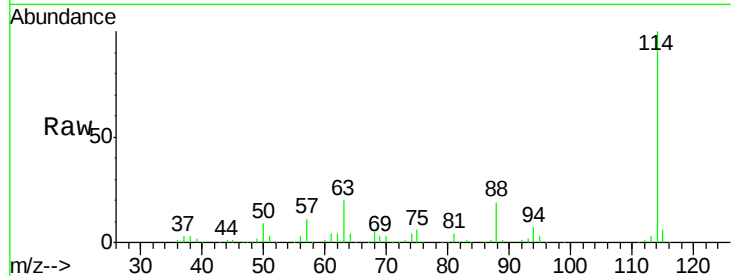




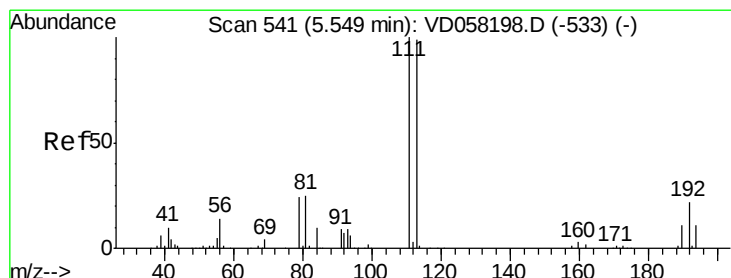
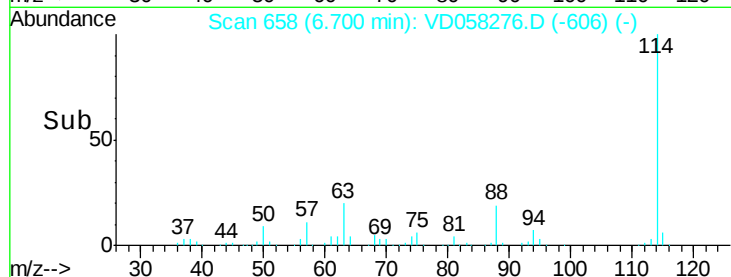
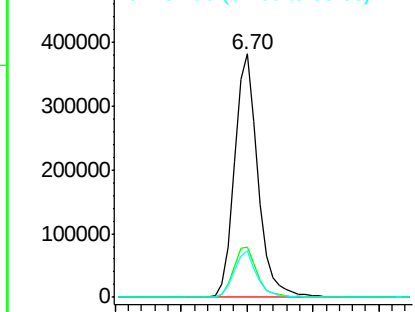
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.70 min Scan# 658
 Delta R.T. 0.01 min
 Lab File: VD058276.D
 Acq: 22 Jun 2018 4:20

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-C

Tot Ion:114 Resp: 954963
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 42.6
 88 19.2 0.0 40.6

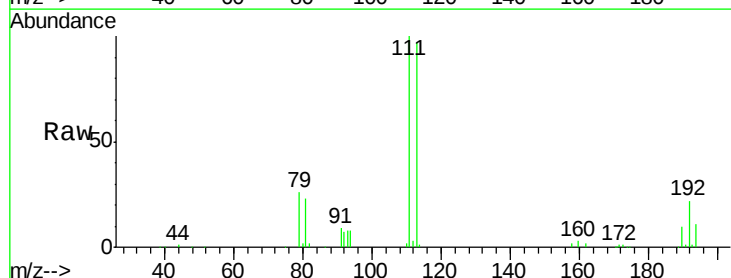


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

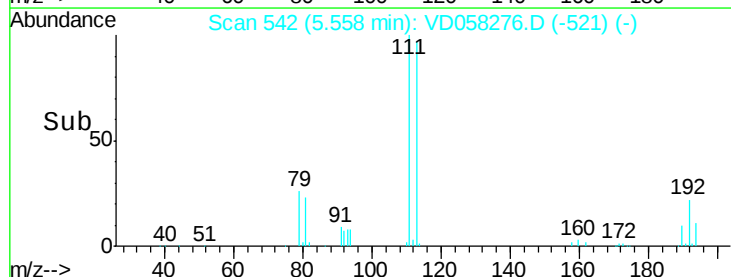
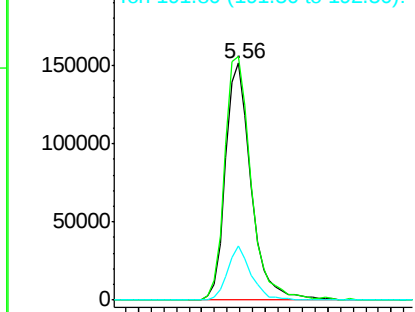


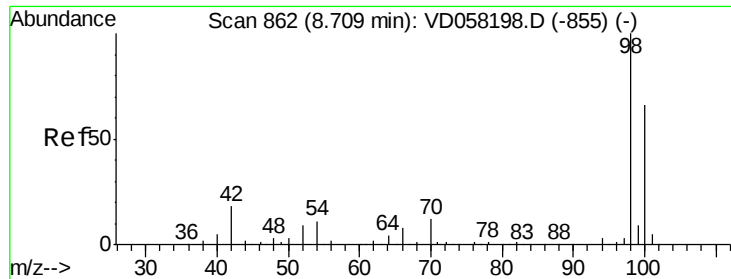
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.56 min Scan# 542
 Delta R.T. 0.01 min
 Lab File: VD058276.D
 Acq: 22 Jun 2018 4:20

Tgt Ion:113 Resp: 425872
 Ion Ratio Lower Upper
 113 100
 111 102.7 80.6 121.0
 192 22.7 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: 8.71 min Scan# 862

Delta R.T. -0.00 min

Lab File: VD058276.D

Acq: 22 Jun 2018 4:20

Instrument :

MSVOA_D

ClientSampleId :

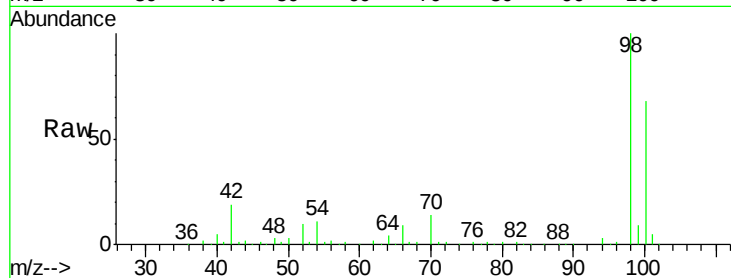
SP-C

Tot Ion: 98 Resp: 871519

Ion Ratio Lower Upper

98 100

100 67.6 53.6 80.4



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

8.71

400000

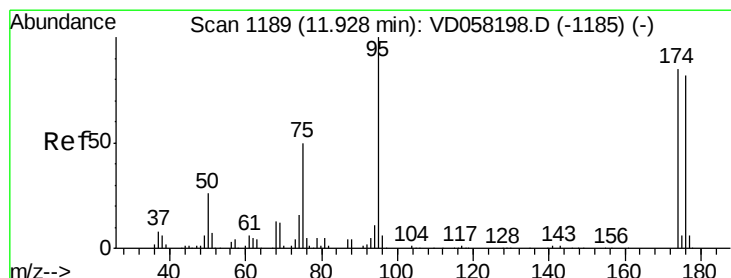
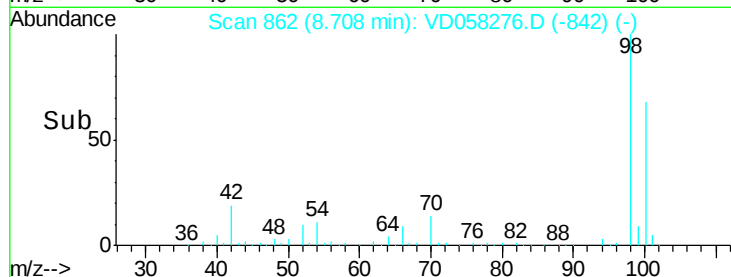
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.94 min Scan# 1190

Delta R.T. 0.01 min

Lab File: VD058276.D

Acq: 22 Jun 2018 4:20

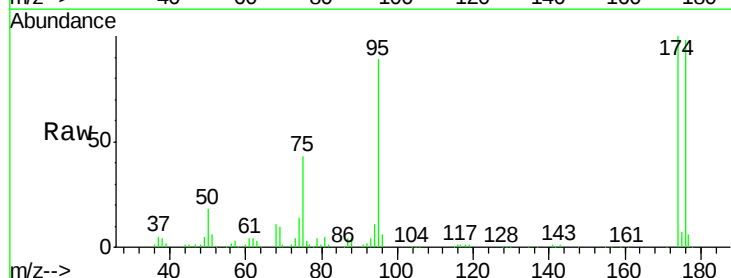
Tgt Ion: 95 Resp: 348192

Ion Ratio Lower Upper

95 100

174 111.9 0.0 170.2

176 109.3 0.0 164.6



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

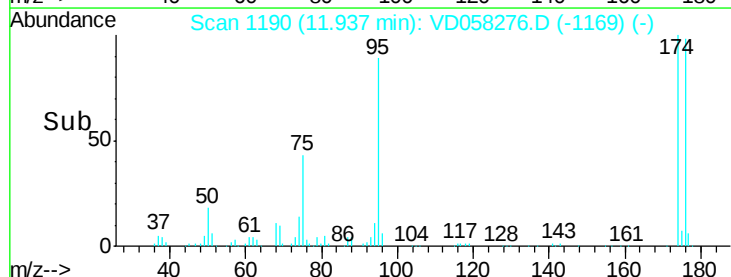
300000

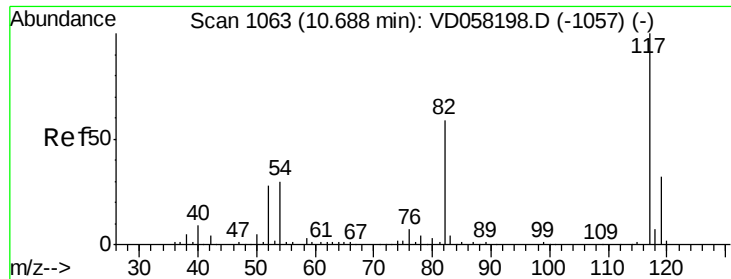
200000

100000

0

Time-->

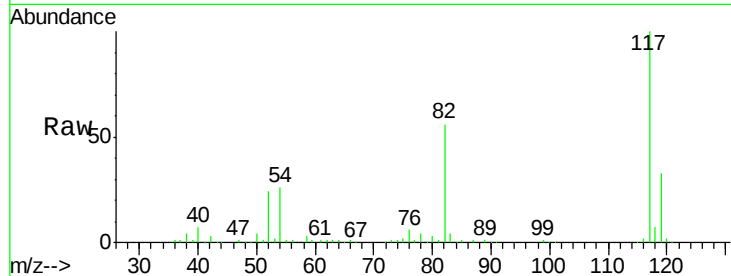




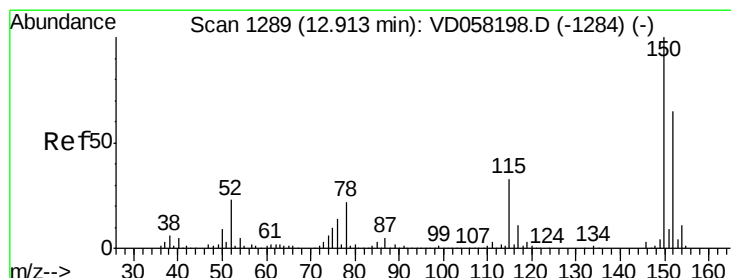
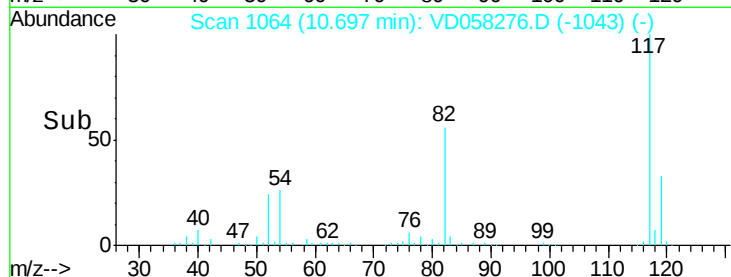
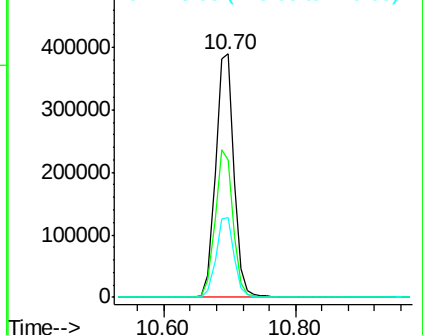
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.70 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VD058276.D
Acq: 22 Jun 2018 4:20

Instrument :
MSVOA_D
ClientSampleId :
SP-C

Tot Ion:117 Resp: 746159
Ion Ratio Lower Upper
117 100
82 56.4 47.0 70.6
119 32.7 25.3 37.9

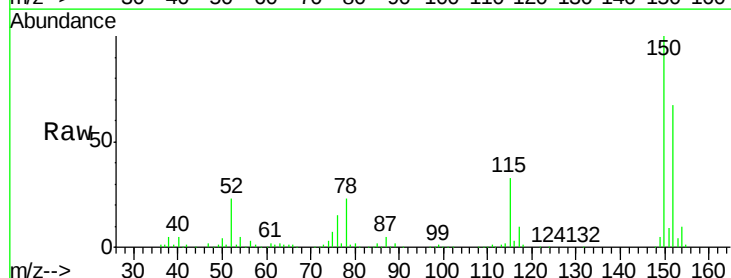


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.91 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VD058276.D
Acq: 22 Jun 2018 4:20

Tgt Ion:152 Resp: 348386
Ion Ratio Lower Upper
152 100
115 49.5 25.1 75.3
150 149.3 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

