

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081318\
 Data File : VD059761.D
 Acq On : 14 Aug 2018 4:13
 Operator : VA/AP
 Sample : J4449-02
 Misc : 3.92g/5ml/MSVOA D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TILCON-PL-001

Quant Time: Aug 14 04:53:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081018S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 11 05:42:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	200946	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.70	114	260100	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.69	117	200350	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	108297	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	159744	50.79	ug/l	0.02
Spiked Amount			Recovery	=	101.58%	
35) Dibromofluoromethane	5.55	113	133453	49.82	ug/l	0.01
Spiked Amount			Recovery	=	99.64%	
50) Toluene-d8	8.71	98	235790	44.39	ug/l	0.01
Spiked Amount			Recovery	=	88.78%	
62) 4-Bromofluorobenzene	11.93	95	109710	41.18	ug/l	0.00
Spiked Amount			Recovery	=	82.36%	

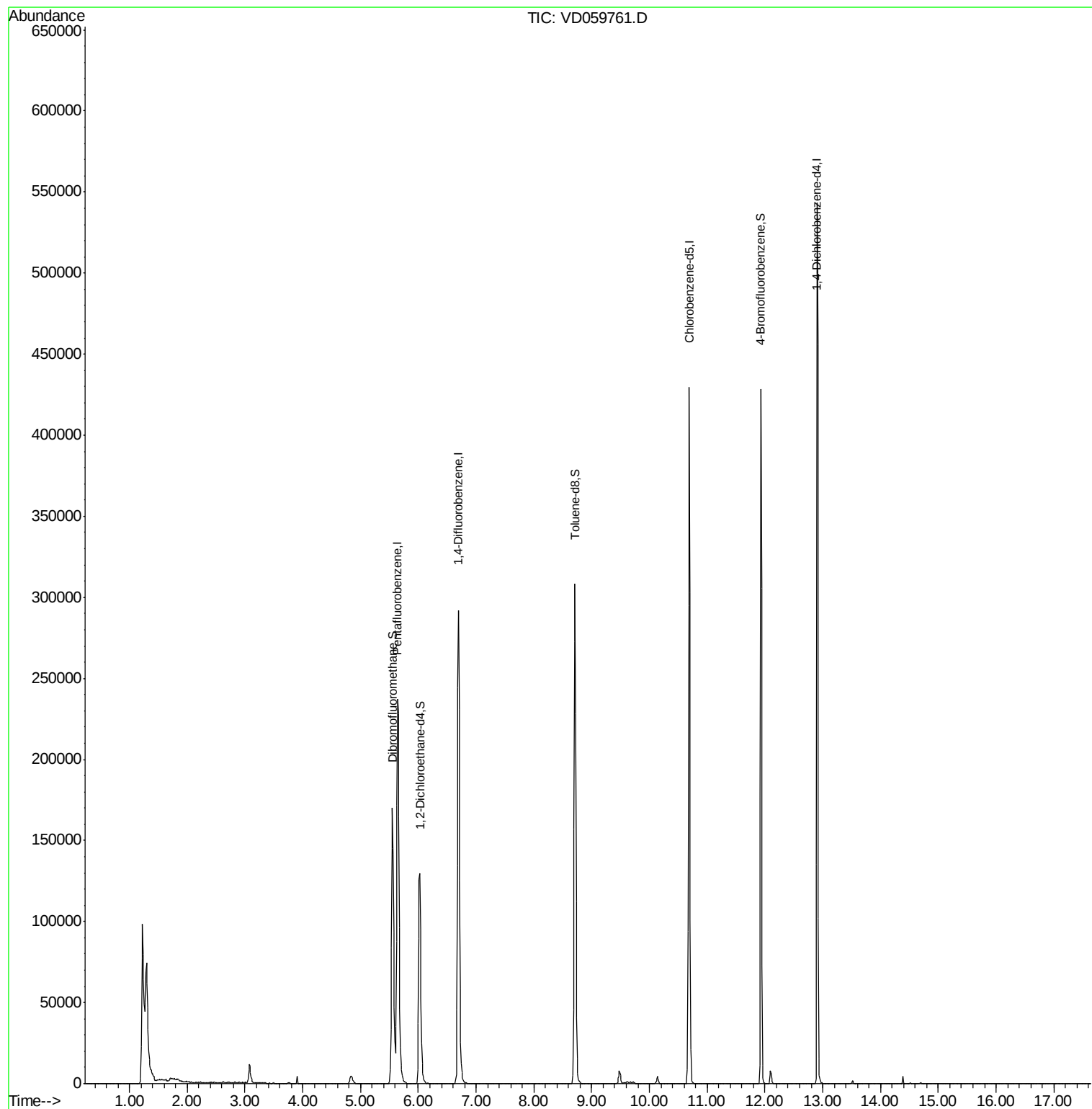
Target Compounds	Qvalue
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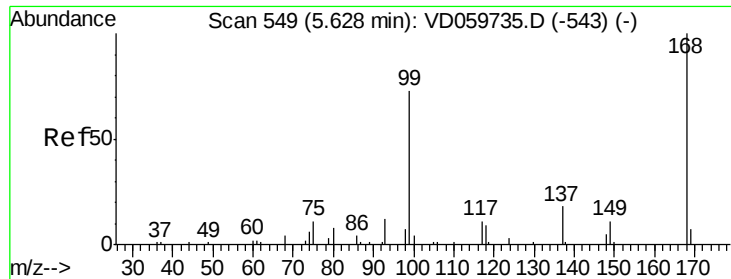
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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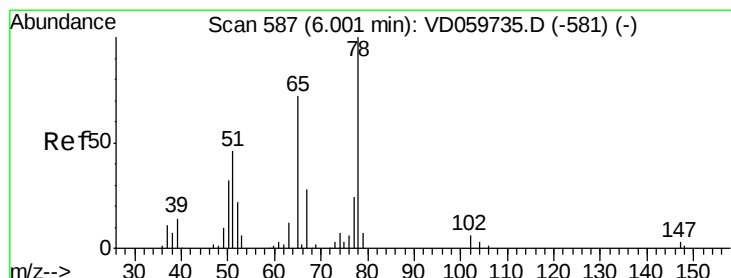
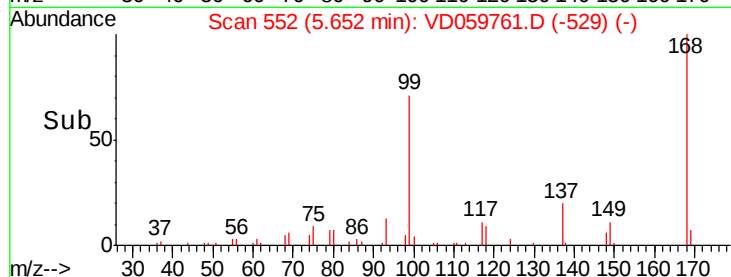
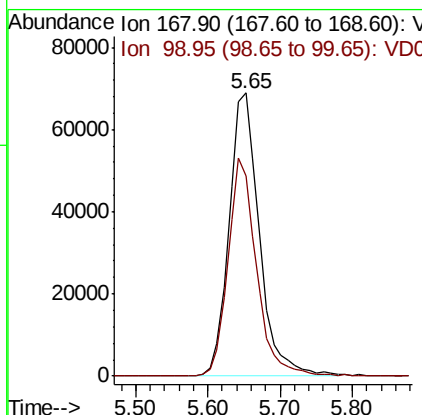
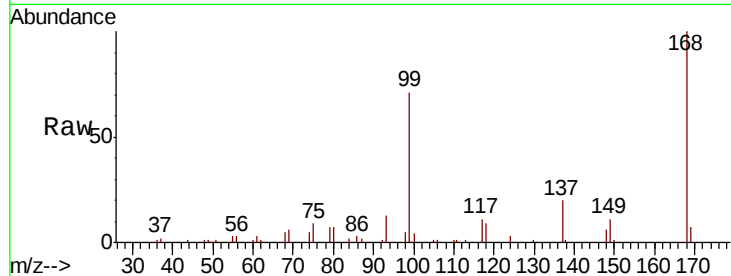




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.65 min Scan# 552
Delta R.T. 0.02 min
Lab File: VD059761.D
Acq: 14 Aug 2018 4:13

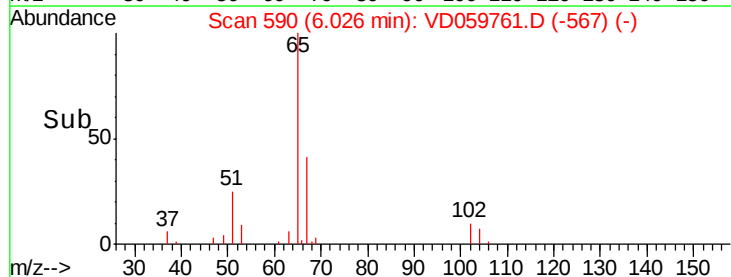
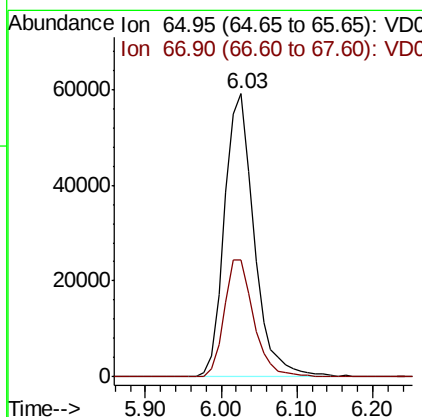
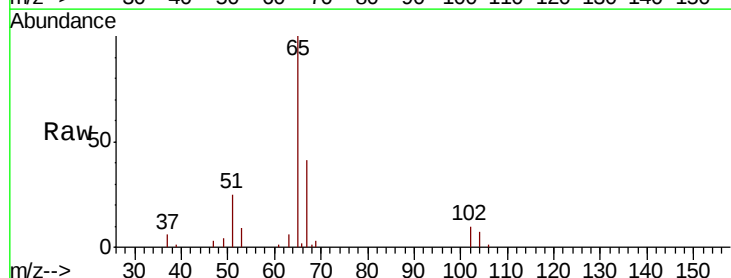
Instrument :
MSVOA_D
ClientSampleId :
TILCON-PL-001

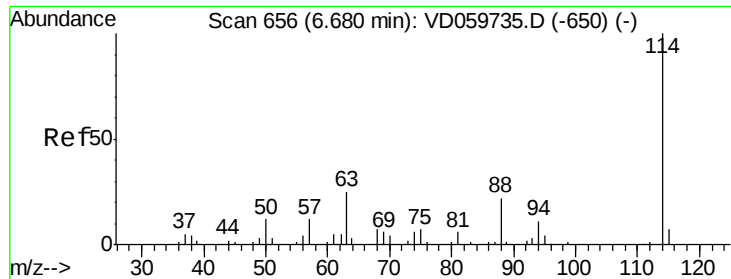
Tot Ion:168 Resp: 200946
Ion Ratio Lower Upper
168 100
99 70.8 61.4 92.2



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.03 min Scan# 590
Delta R.T. 0.02 min
Lab File: VD059761.D
Acq: 14 Aug 2018 4:13

Tgt Ion: 65 Resp: 159744
Ion Ratio Lower Upper
65 100
67 41.2 0.0 77.4

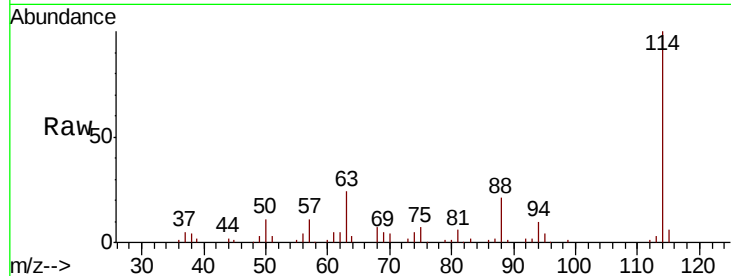




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.70 min Scan# 658
 Delta R.T. 0.01 min
 Lab File: VD059761.D
 Acq: 14 Aug 2018 4:13

Instrument :
 MSVOA_D
 ClientSampleId :
 TILCON-PL-001

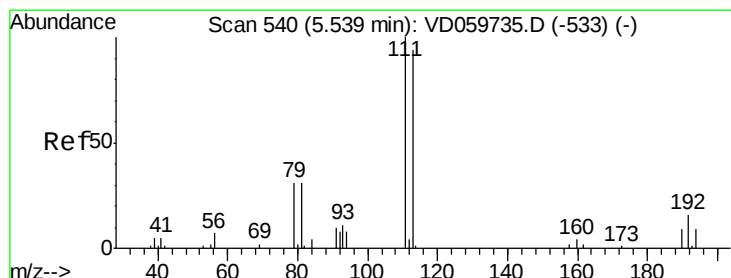
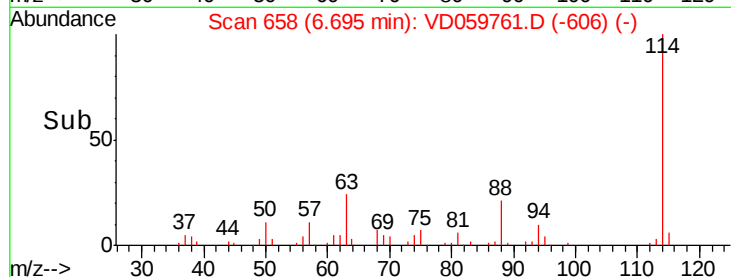
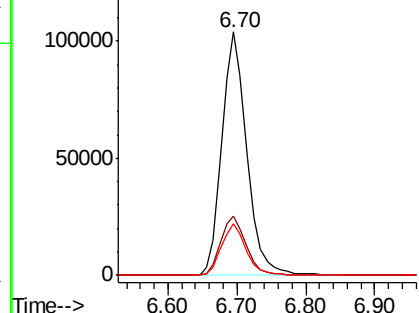
Tot Ion	Ratio	Lower	Upper
114	100		
63	24.5	0.0	50.6
88	21.4	0.0	43.4



Abundance Ion 114.00 (113.70 to 114.70): V

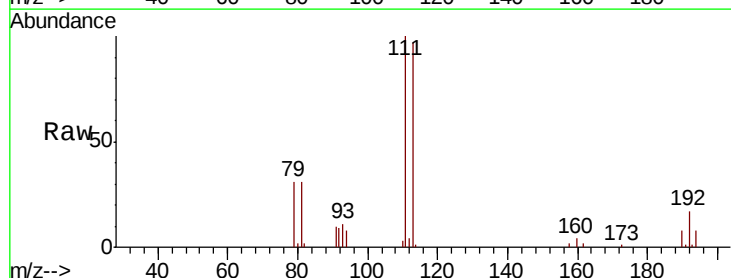
Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.55 min Scan# 542
 Delta R.T. 0.01 min
 Lab File: VD059761.D
 Acq: 14 Aug 2018 4:13

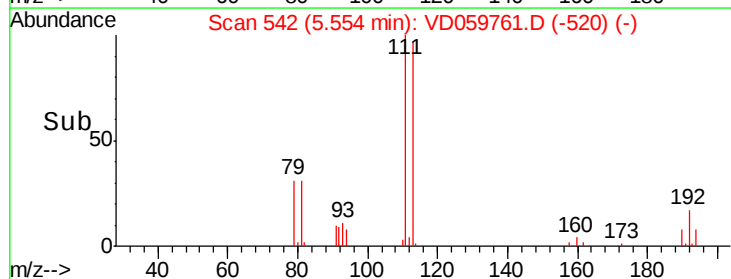
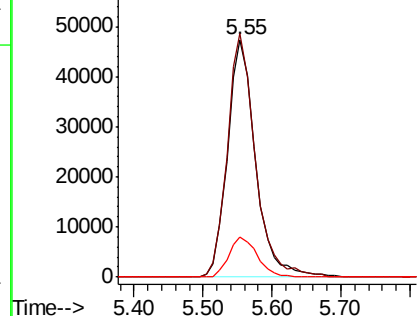
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	85.3	127.9
192	17.1	13.9	20.9

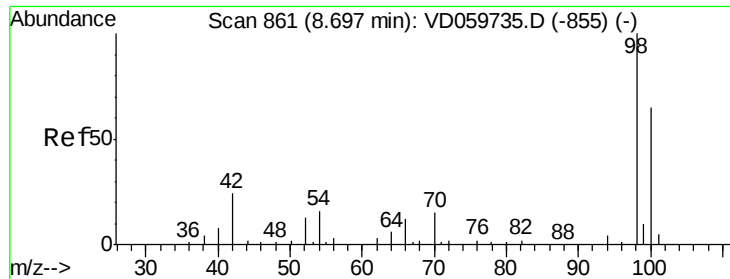


Abundance Ion 112.90 (112.60 to 113.60): V

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# 863

Delta R.T. 0.01 min

Lab File: VD059761.D

Acq: 14 Aug 2018 4:13

Instrument :

MSVOA_D

ClientSampleId :

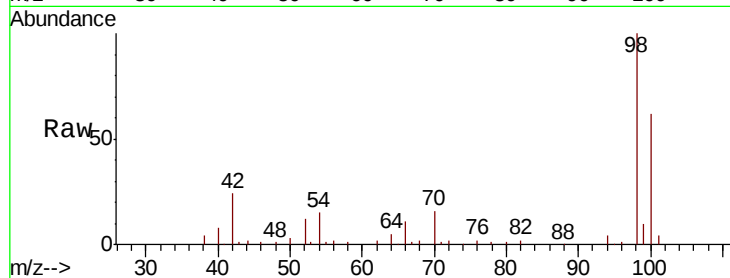
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Tot Ion: 98 Resp: 235790

Ion Ratio Lower Upper

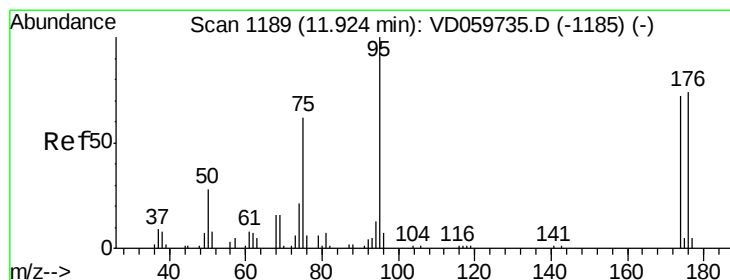
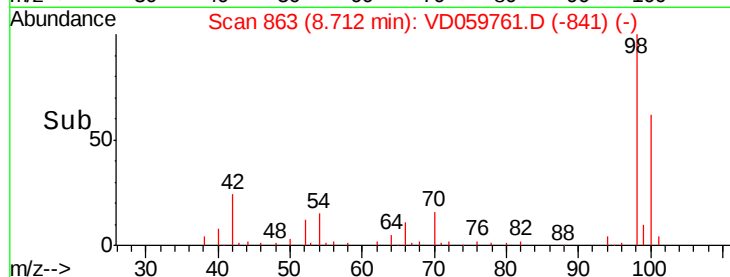
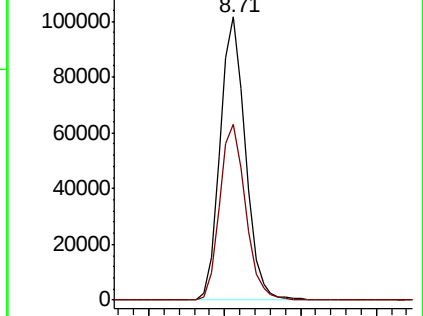
98 100

100 62.1 52.2 78.2



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# 1190

Delta R.T. 0.01 min

Lab File: VD059761.D

Acq: 14 Aug 2018 4:13

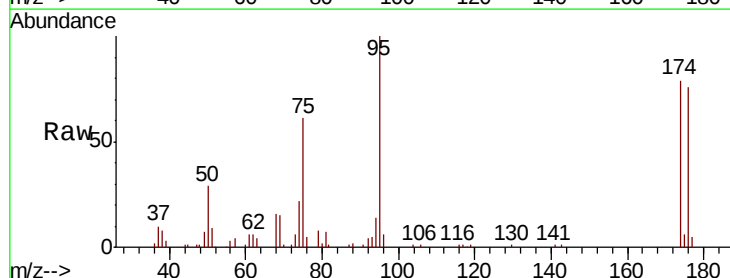
Tgt Ion: 95 Resp: 109710

Ion Ratio Lower Upper

95 100

174 78.6 0.0 143.2

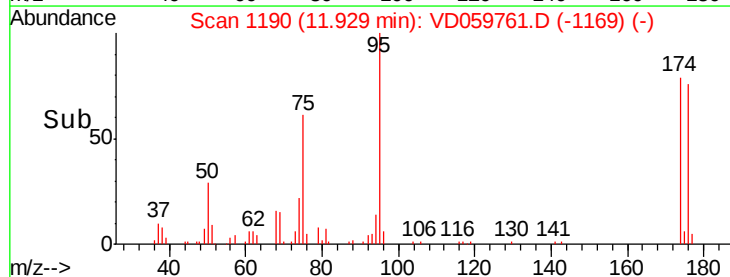
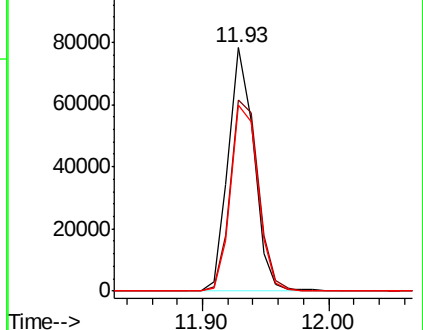
176 76.2 0.0 147.2

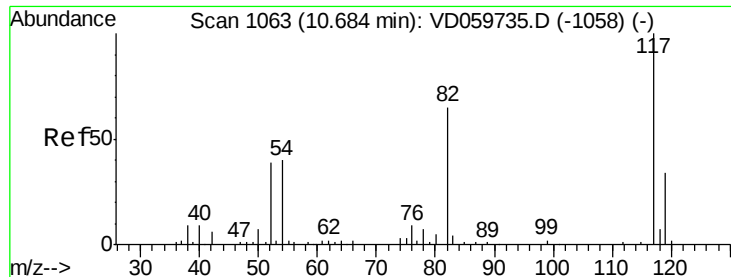


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.69 min Scan# 1064

Delta R.T. 0.01 min

Lab File: VD059761.D

Acq: 14 Aug 2018 4:13

Instrument :

MSVOA_D

ClientSampleId :

TILCON-PL-001

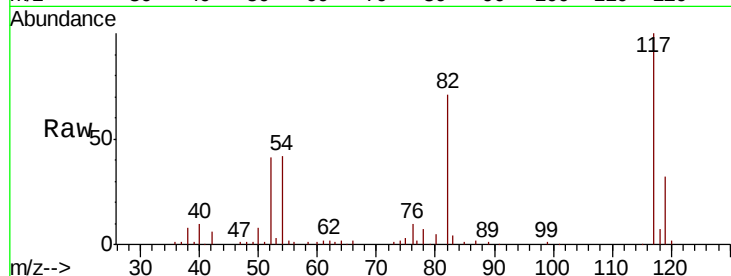
Tot Ion:117 Resp: 200350

Ion Ratio Lower Upper

117 100

82 70.7 51.9 77.9

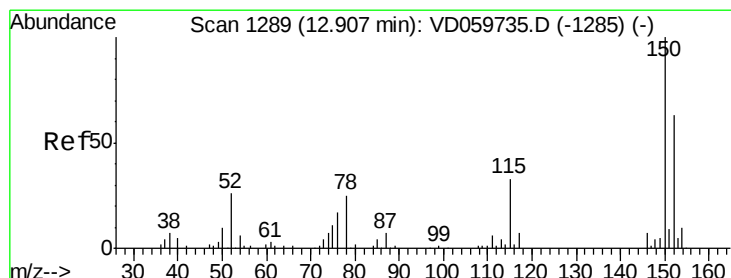
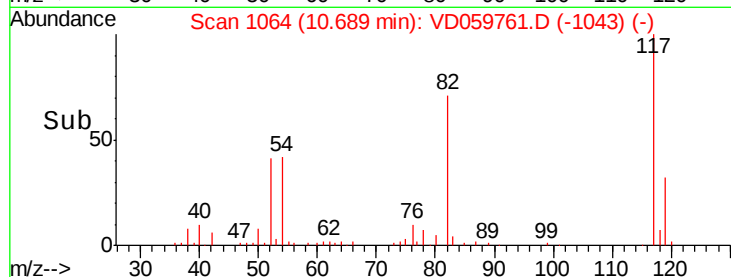
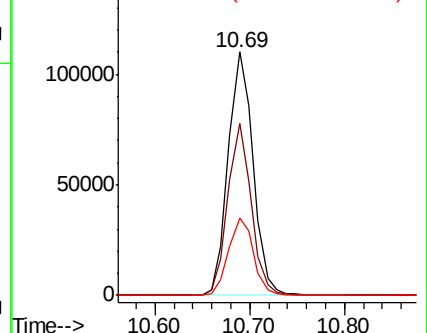
119 31.8 27.4 41.0



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# 1290

Delta R.T. 0.01 min

Lab File: VD059761.D

Acq: 14 Aug 2018 4:13

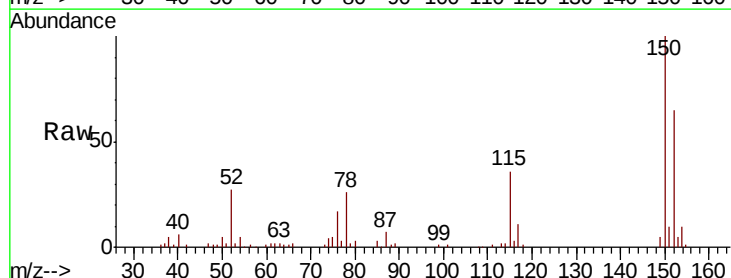
Tgt Ion:152 Resp: 108297

Ion Ratio Lower Upper

152 100

115 55.7 29.8 89.3

150 154.5 0.0 320.4



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

