

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062018\
 Data File : VD058238.D
 Acq On : 21 Jun 2018 6:28
 Operator : VA/AP
 Sample : J3603-07
 Misc : 5.86g/5ml/MSVOA D/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 26KV-TP-4

Quant Time: Jun 21 09:03:47 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	16784	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.70	114	28538	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.70	117	31481	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.91	152	15290	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	30740	181.33	ug/l	0.02
Spiked Amount				50.000		
			Recovery	=	362.66%	
35) Dibromofluoromethane	5.56	113	18700	80.51	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	161.02%	
50) Toluene-d8	8.72	98	28095	50.00	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	100.00%	
62) 4-Bromofluorobenzene	11.94	95	13737	59.84	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	119.68%	

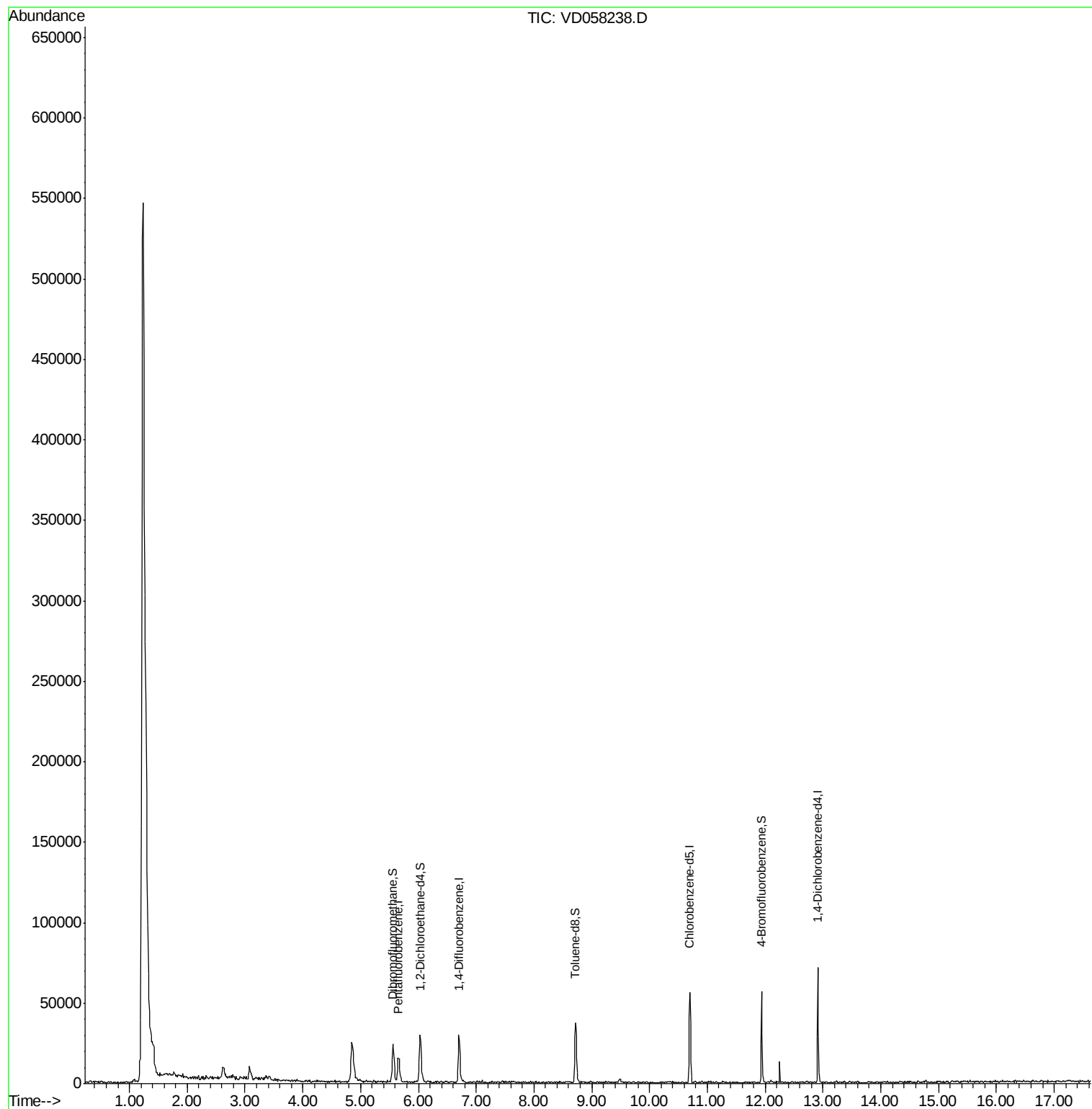
Target Compounds	Qvalue
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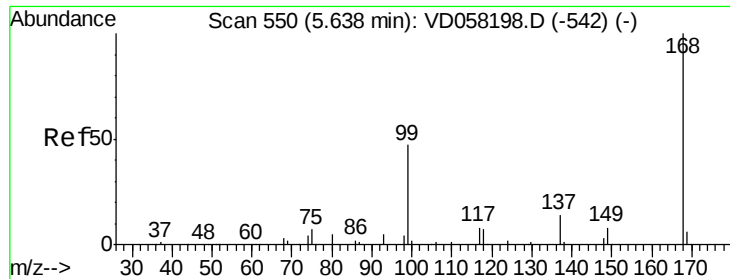
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 552

Delta R.T. 0.02 min

Lab File: VD058238.D

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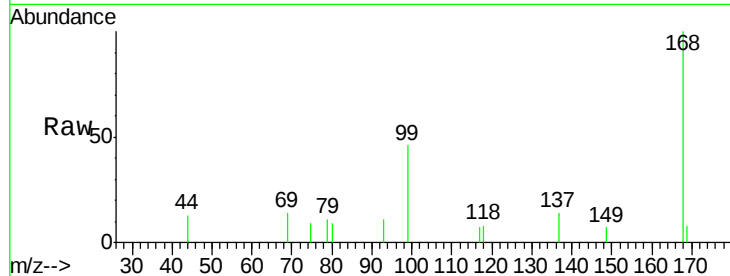
Instrument :
MSVOA_D
ClientSampleId :
26KV-TP-4

Tot Ion:168 Resp: 16784

Ion Ratio Lower Upper

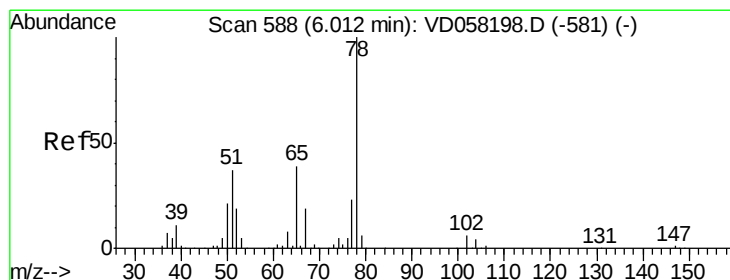
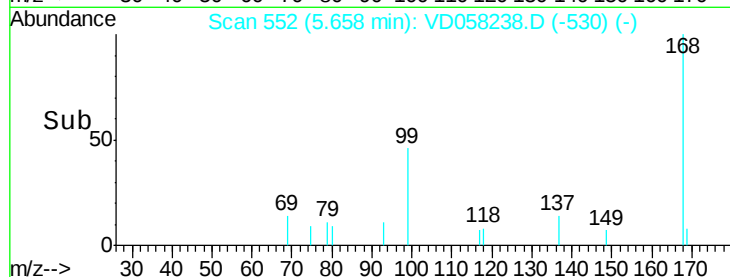
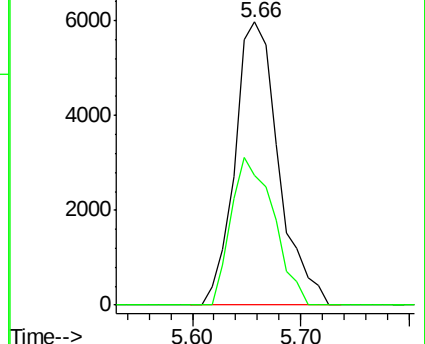
168 100

99 45.7 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.03 min Scan# 590

Delta R.T. 0.02 min

Lab File: VD058238.D

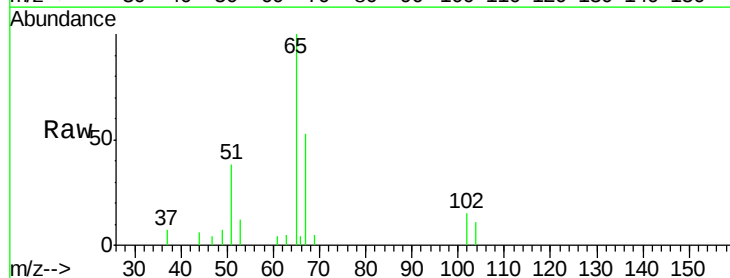
Acq: 21 Jun 2018 6:28

Tgt Ion: 65 Resp: 30740

Ion Ratio Lower Upper

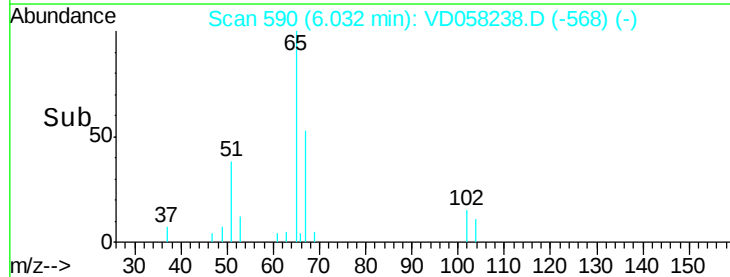
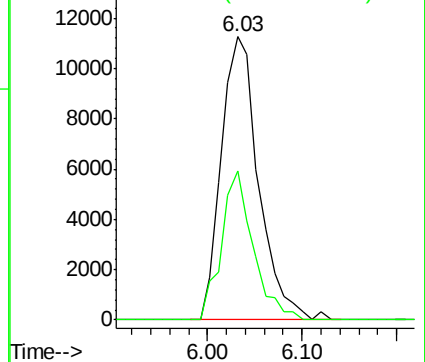
65 100

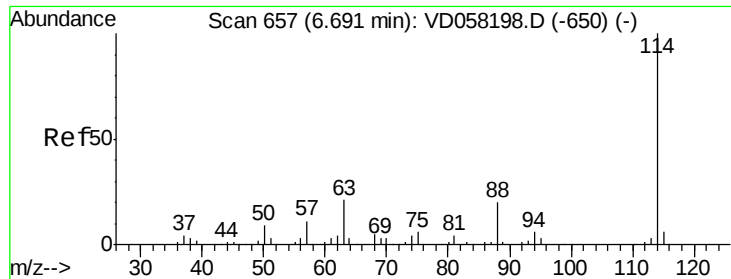
67 52.7 0.0 97.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

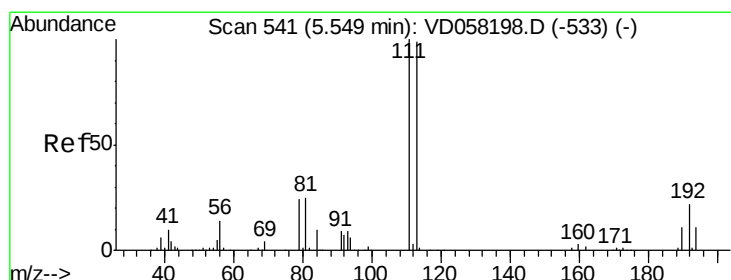
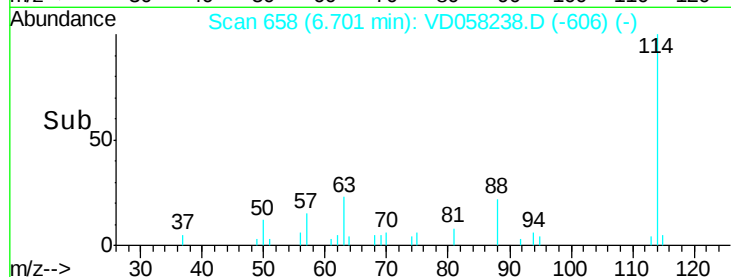
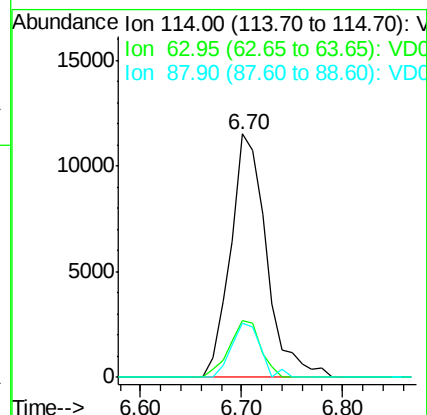
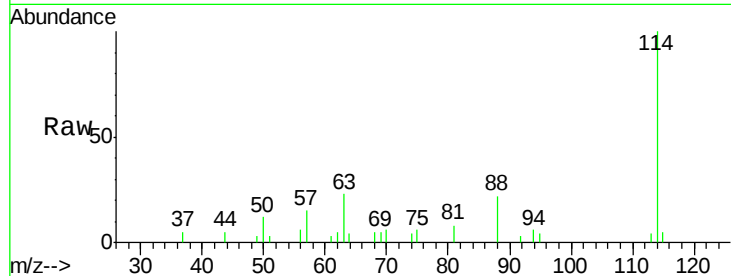




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.70 min Scan# 658
 Delta R.T. 0.01 min
 Lab File: VD058238.D
 Acq: 21 Jun 2018 6:28

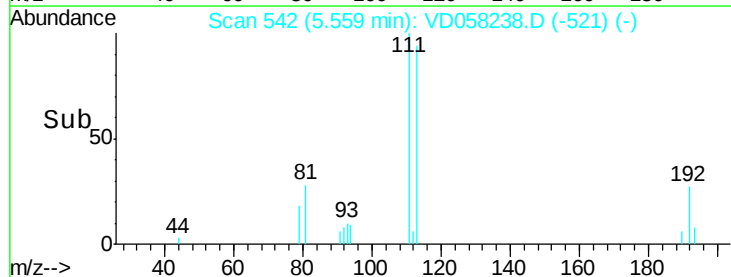
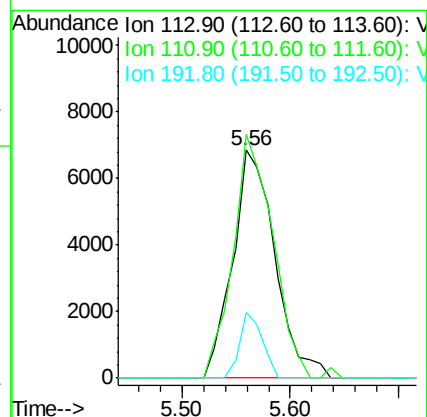
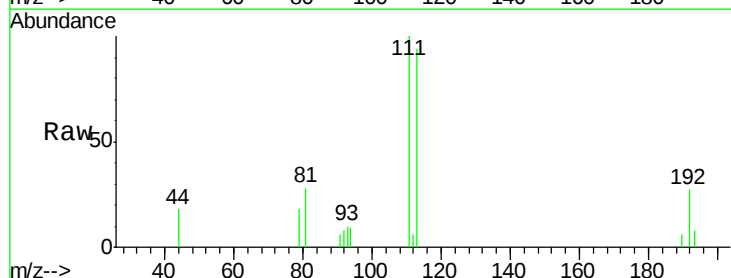
Instrument :
 MSVOA_D
 ClientSampleId :
 26KV-TP-4

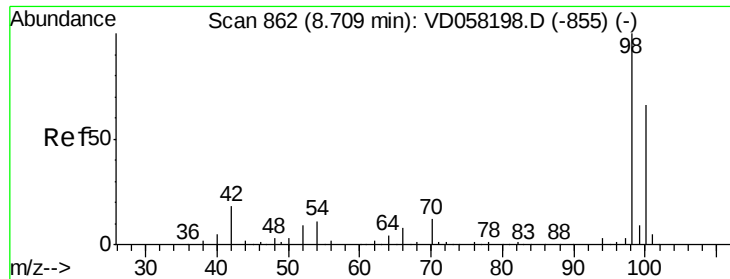
Tot Ion:114 Resp: 28538
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 42.6
 88 22.3 0.0 40.6



#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.56 min Scan# 542
 Delta R.T. 0.01 min
 Lab File: VD058238.D
 Acq: 21 Jun 2018 6:28

Tgt Ion:113 Resp: 18700
 Ion Ratio Lower Upper
 113 100
 111 106.8 80.6 121.0
 192 28.7 17.8 26.6#

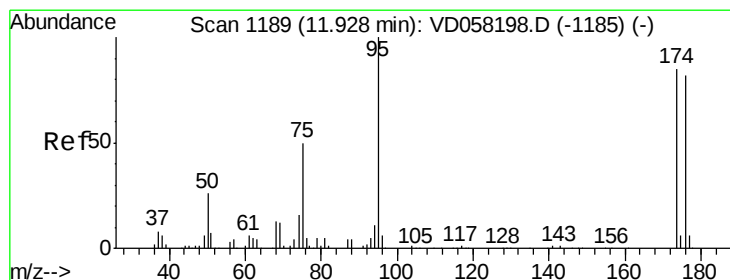
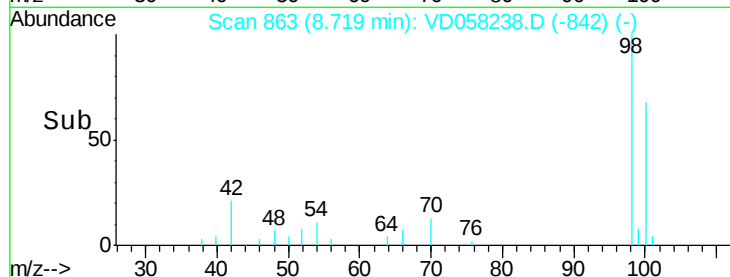
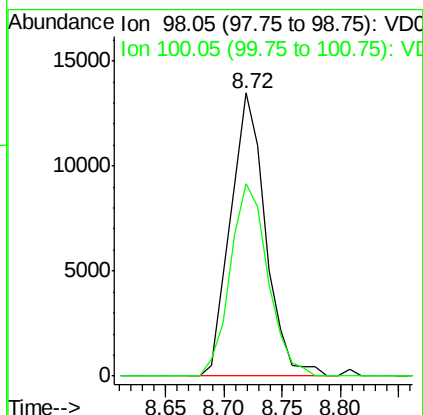
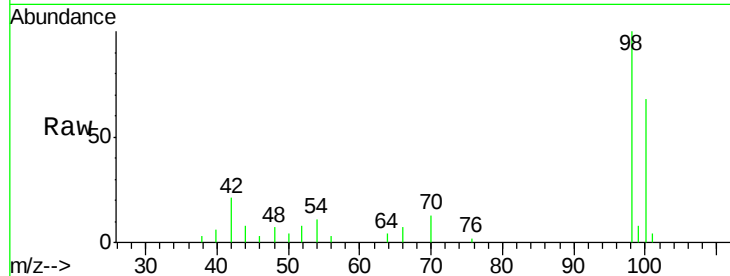




#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.72 min Scan# 863
Delta R.T. 0.01 min
Lab File: VD058238.D
Acq: 21 Jun 2018 6:28

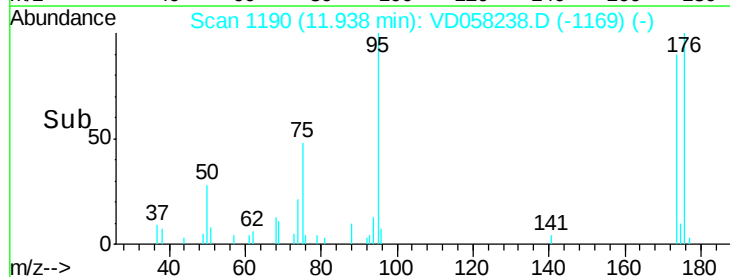
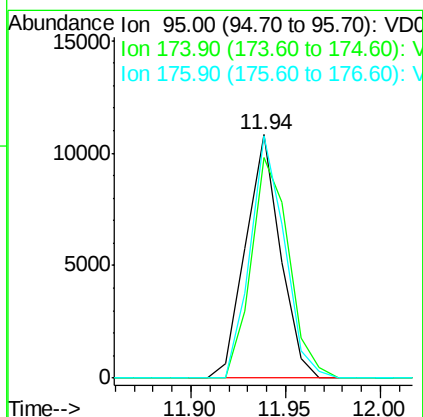
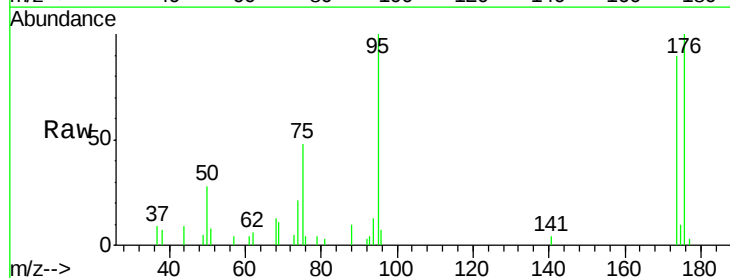
Instrument :
MSVOA_D
ClientSampleId :
26KV-TP-4

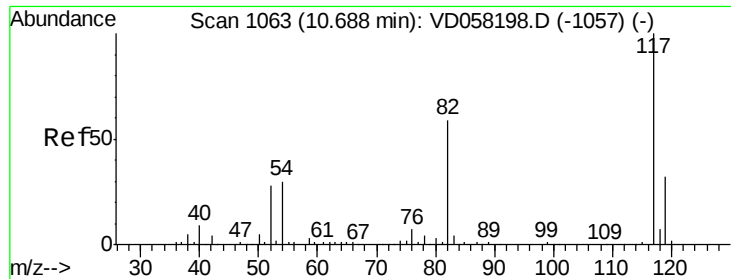
Tot Ion: 98 Resp: 28095
Ion Ratio Lower Upper
98 100
100 68.0 53.6 80.4



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.94 min Scan# 1190
Delta R.T. 0.01 min
Lab File: VD058238.D
Acq: 21 Jun 2018 6:28

Tgt Ion: 95 Resp: 13737
Ion Ratio Lower Upper
95 100
174 90.4 0.0 170.2
176 99.5 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: VD058238.D

Acq: 21 Jun 2018 6:28

Instrument :

MSVOA_D

ClientSampleId :

26KV-TP-4

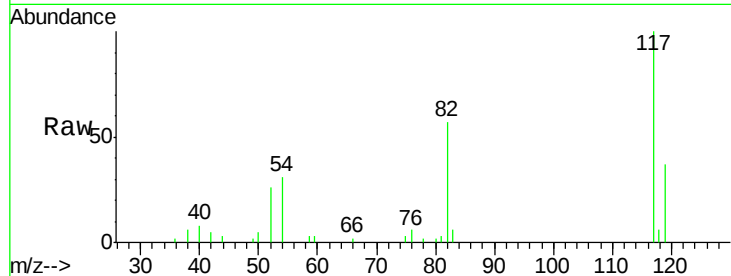
Tot Ion:117 Resp: 31481

Ion Ratio Lower Upper

117 100

82 57.0 47.0 70.6

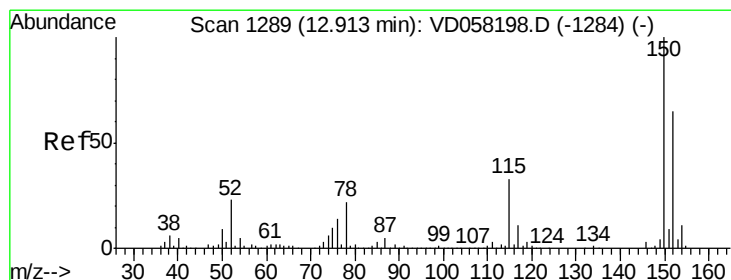
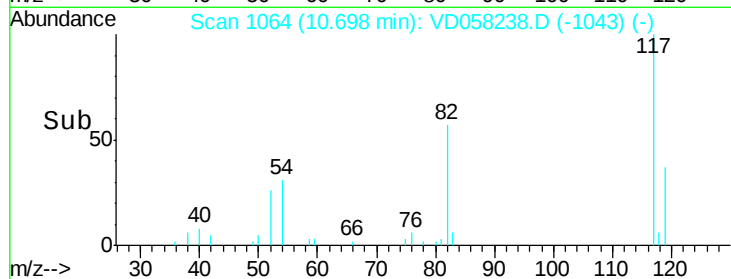
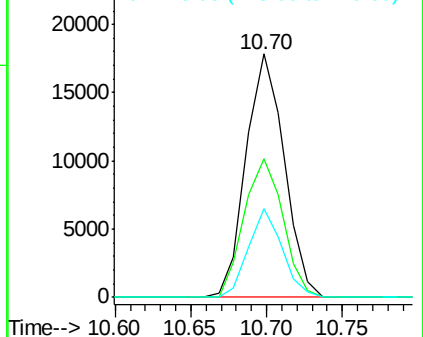
119 36.6 25.3 37.9



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: VD058238.D

Acq: 21 Jun 2018 6:28

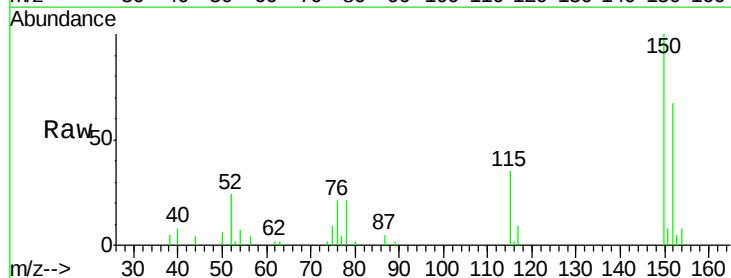
Tgt Ion:152 Resp: 15290

Ion Ratio Lower Upper

152 100

115 51.7 25.1 75.3

150 148.7 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

