

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062018\
 Data File : VD058237.D
 Acq On : 21 Jun 2018 5:59
 Operator : VA/AP
 Sample : J3603-05
 Misc : 6.37g/5ml/MSVOA D/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 26KV-TP-3

Quant Time: Jun 21 09:01:11 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

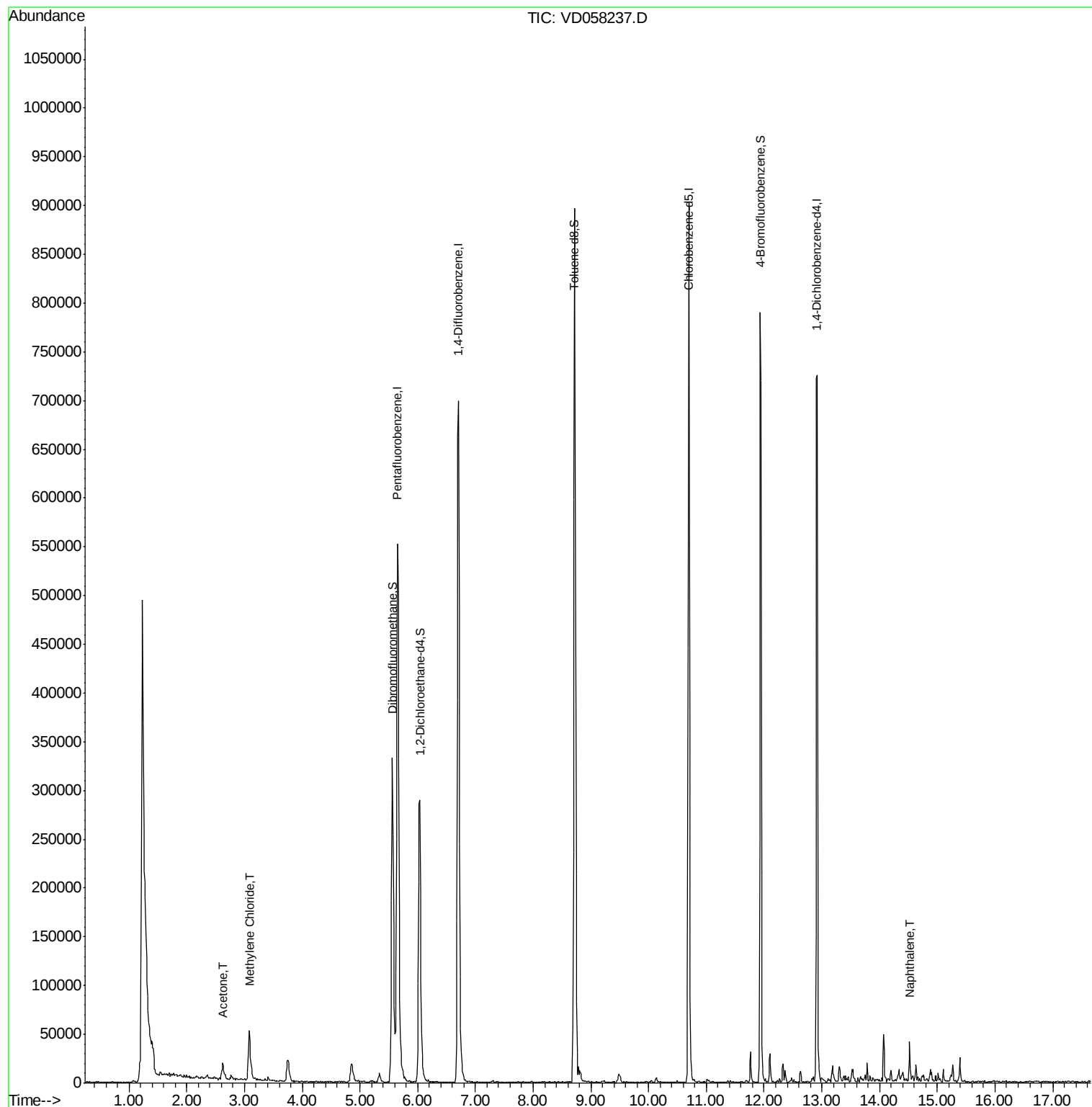
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	542131	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.71	114	705727	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.69	117	497943	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.92	152	176283	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	296496	54.15	ug/l	0.01
Spiked Amount 50.000			Recovery	=	108.30%	
35) Dibromofluoromethane	5.56	113	256542	44.66	ug/l	0.01
Spiked Amount 50.000			Recovery	=	89.32%	
50) Toluene-d8	8.71	98	711861	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.46%	
62) 4-Bromofluorobenzene	11.93	95	221134	38.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.90%	
Target Compounds						
16) Acetone	2.62	43	35714	47.69	ug/l	95
20) Methylene Chloride	3.08	84	26168	9.53	ug/l	98
95) Naphthalene	14.52	128	22582	3.84	ug/l #	93

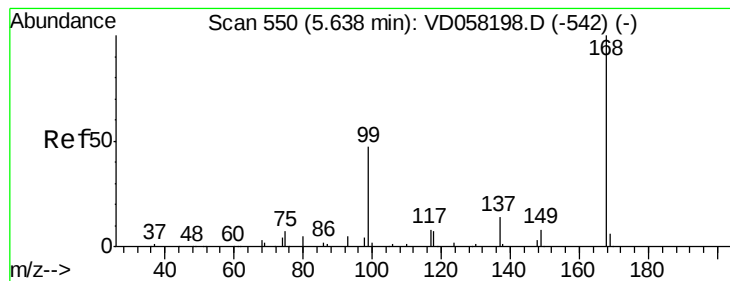
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062018\
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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: 5.65 min Scan# 551

Delta R.T. 0.01 min

Lab File: VD058237.D

Acq: 21 Jun 2018 5:59

Instrument :

MSVOA_D

ClientSampleId :

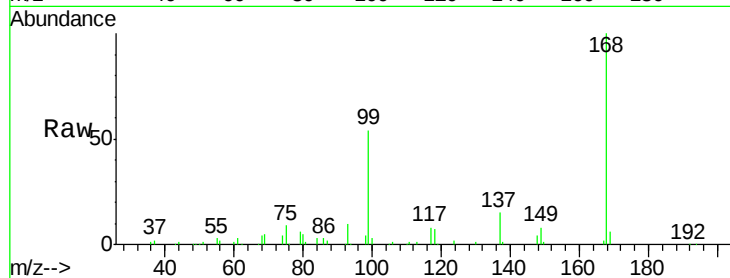
26KV-TP-3

Tot Ion:168 Resp: 542131

Ion Ratio Lower Upper

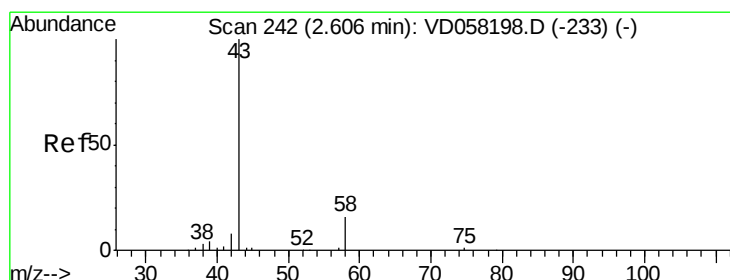
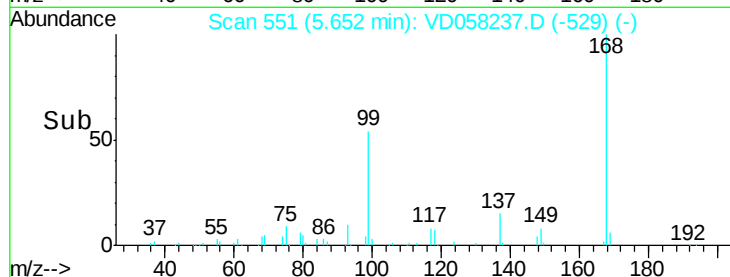
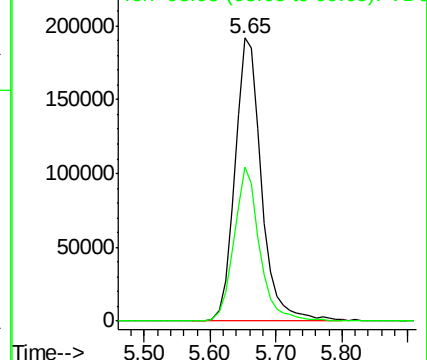
168 100

99 54.4 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: 47.69 ug/l

RT: 2.62 min Scan# 243

Delta R.T. 0.01 min

Lab File: VD058237.D

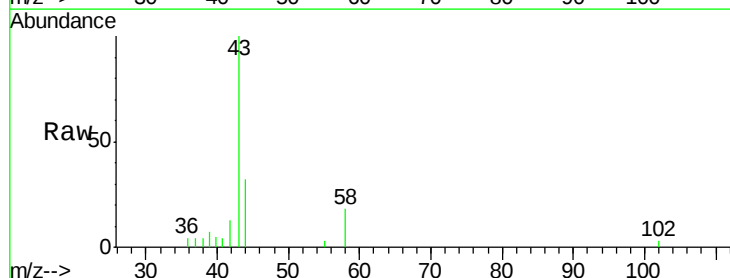
Acq: 21 Jun 2018 5:59

Tgt Ion: 43 Resp: 35714

Ion Ratio Lower Upper

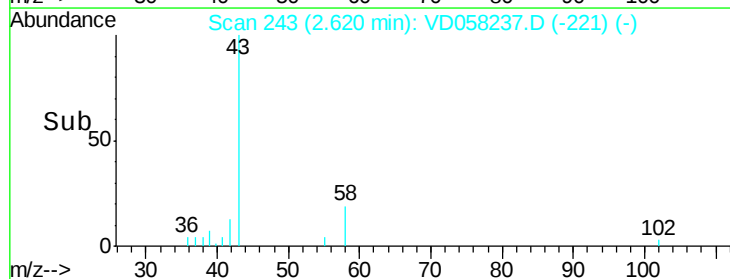
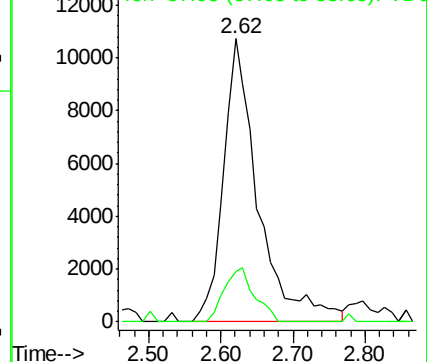
43 100

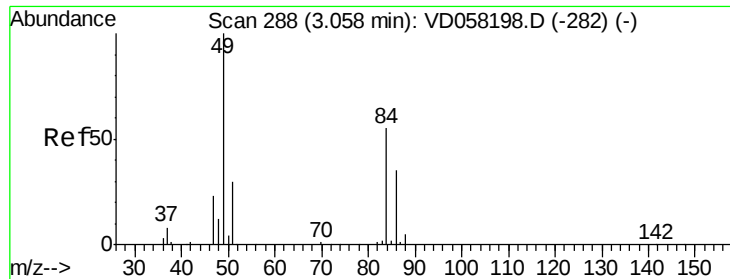
58 17.9 12.7 19.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

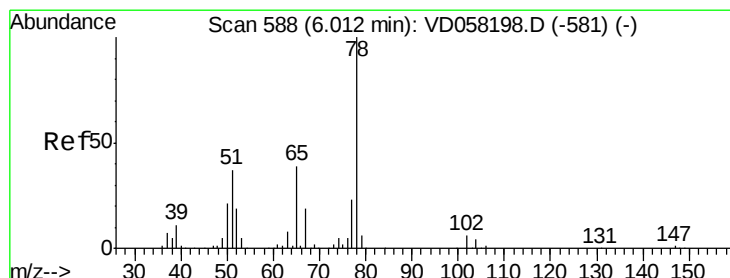
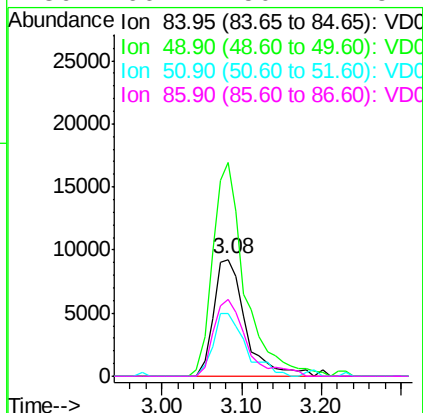
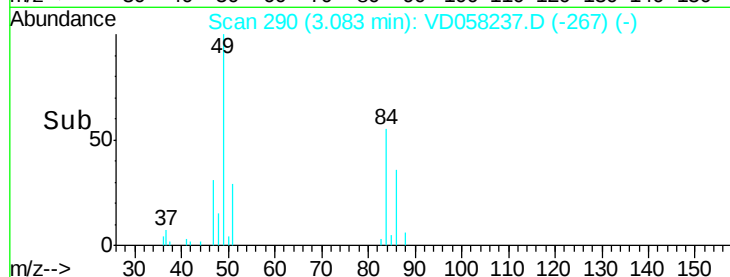
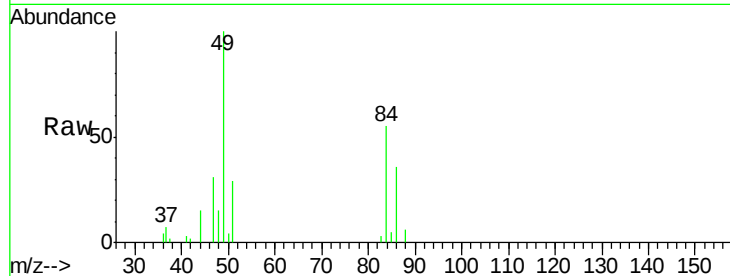




#20
Methvlene Chloride
Concen: 9.53 ug/l
RT: 3.08 min Scan# 290
Delta R.T. 0.02 min
Lab File: VD058237.D
Acq: 21 Jun 2018 5:59

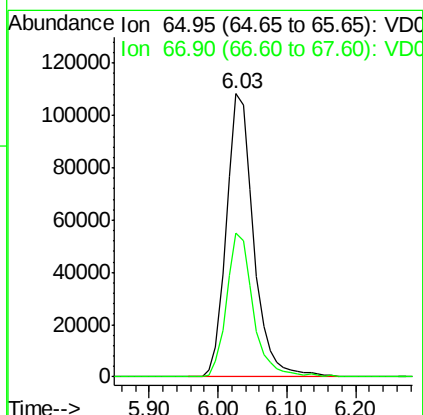
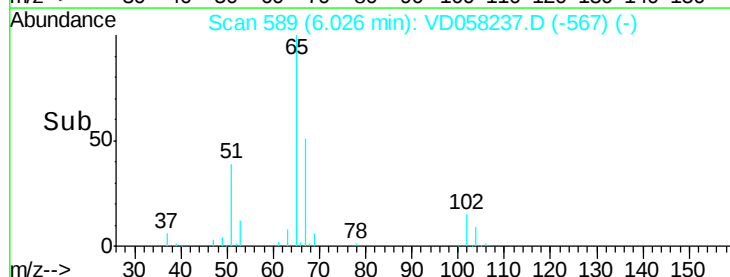
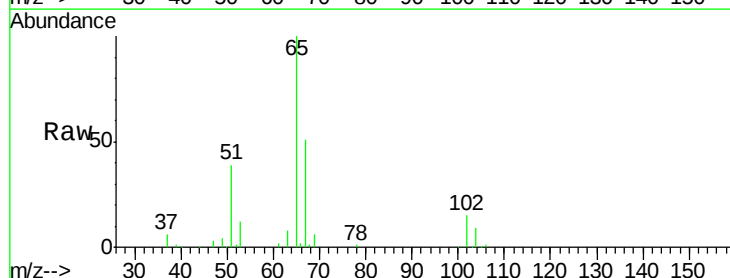
Instrument :
MSVOA_D
ClientSampleId :
26KV-TP-3

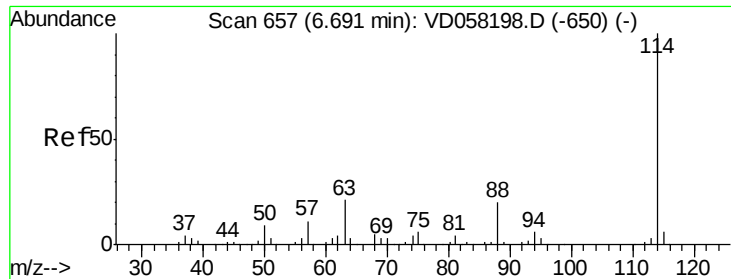
Tot Ion: 84 Resp: 26168
Ion Ratio Lower Upper
84 100
49 182.7 145.0 217.6
51 53.3 42.9 64.3
86 66.1 50.1 75.1



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.03 min Scan# 589
Delta R.T. 0.01 min
Lab File: VD058237.D
Acq: 21 Jun 2018 5:59

Tgt Ion: 65 Resp: 296496
Ion Ratio Lower Upper
65 100
67 50.9 0.0 97.8

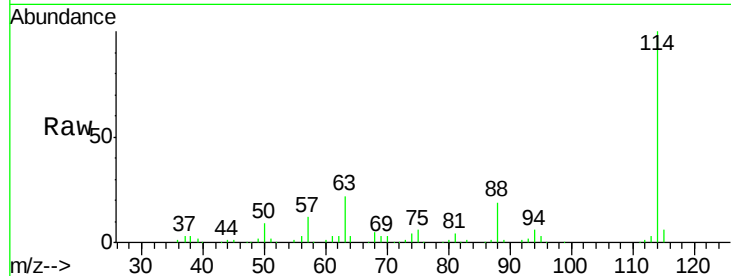




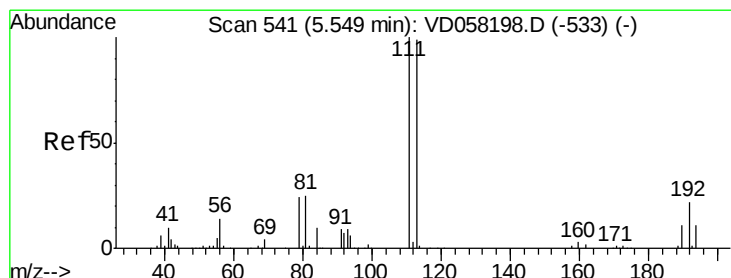
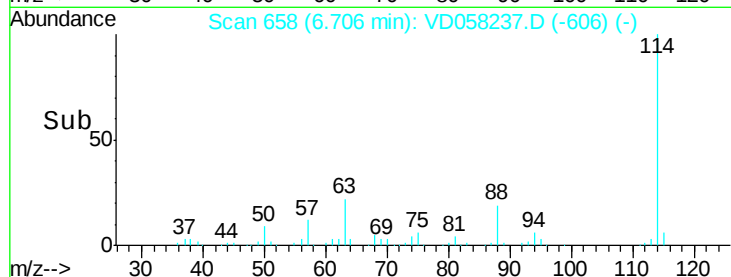
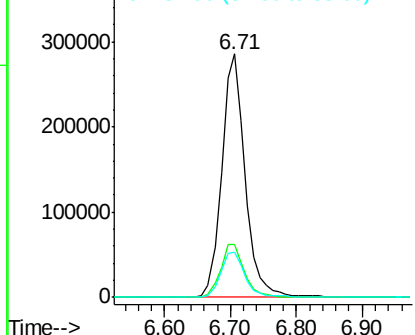
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.71 min Scan# 658
 Delta R.T. 0.01 min
 Lab File: VD058237.D
 Acq: 21 Jun 2018 5:59

Instrument :
 MSVOA_D
 ClientSampleId :
 26KV-TP-3

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	42.6
88	18.6	0.0	40.6

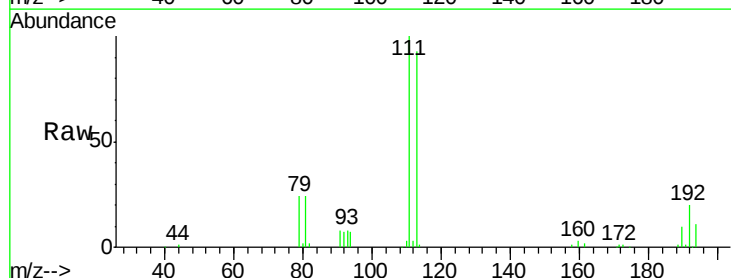


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

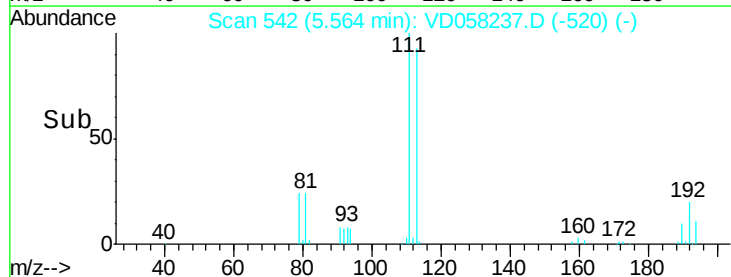
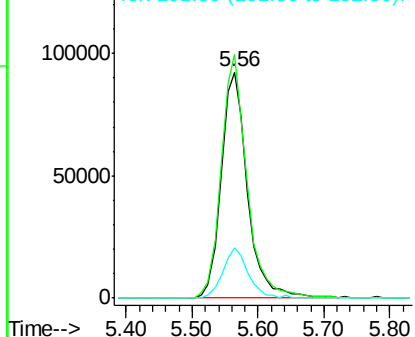


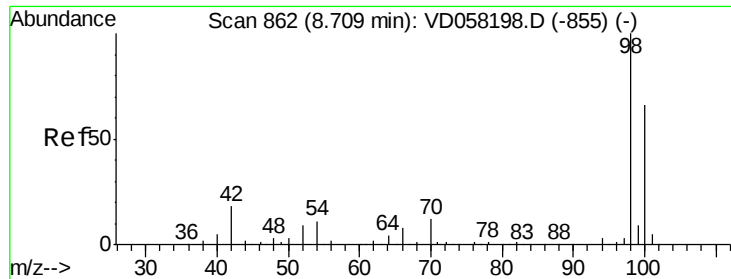
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.56 min Scan# 542
 Delta R.T. 0.01 min
 Lab File: VD058237.D
 Acq: 21 Jun 2018 5:59

Tgt Ion	Ratio	Lower	Upper
113	100		
111	107.8	80.6	121.0
192	22.1	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

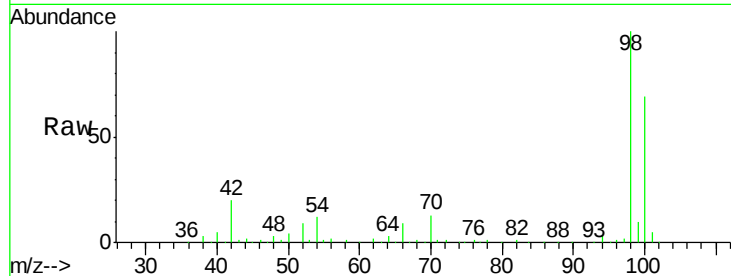




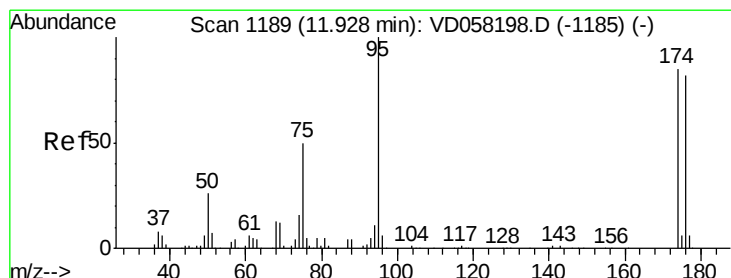
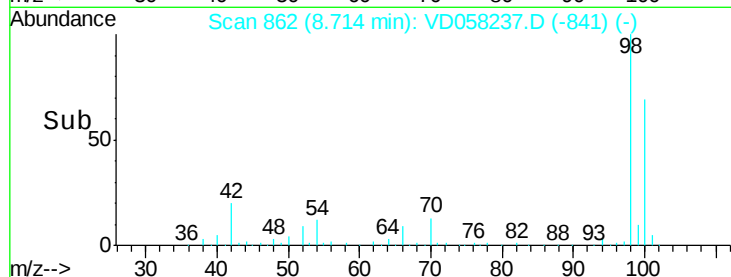
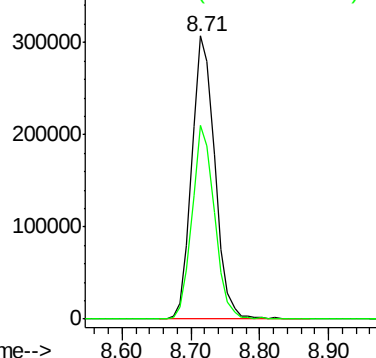
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.71 min Scan# 862
Delta R.T. 0.00 min
Lab File: VD058237.D
Acq: 21 Jun 2018 5:59

Instrument :
MSVOA_D
ClientSampleId :
26KV-TP-3

Tot Ion: 98 Resp: 711861
Ion Ratio Lower Upper
98 100
100 68.6 53.6 80.4

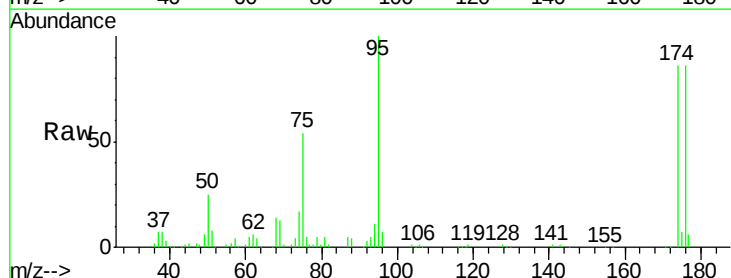


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

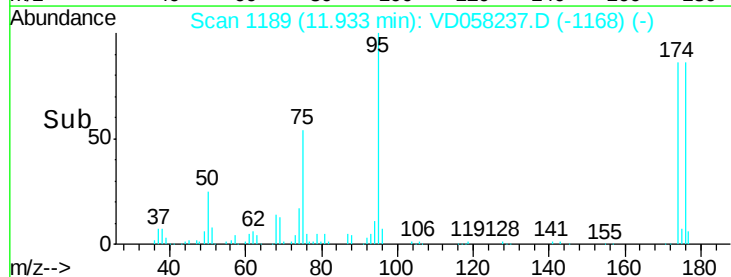
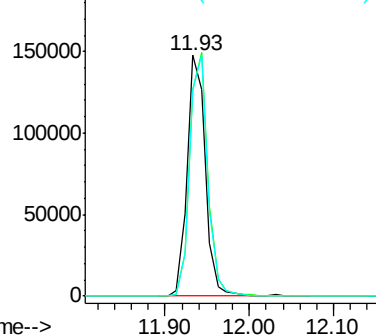


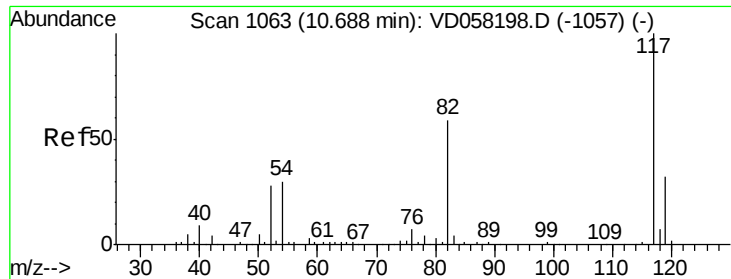
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VD058237.D
Acq: 21 Jun 2018 5:59

Tgt Ion: 95 Resp: 221134
Ion Ratio Lower Upper
95 100
174 85.9 0.0 170.2
176 85.6 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

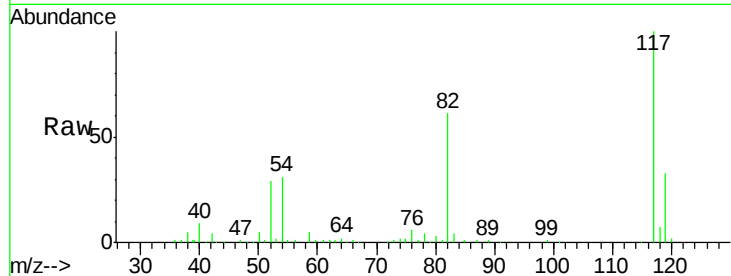




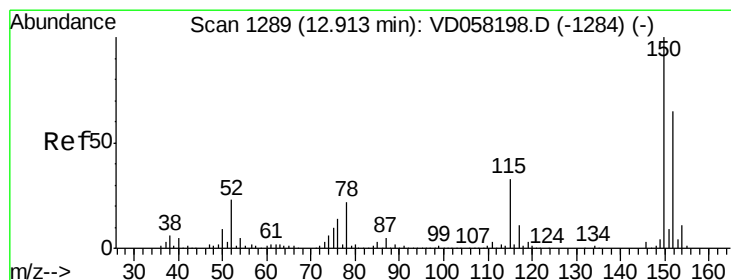
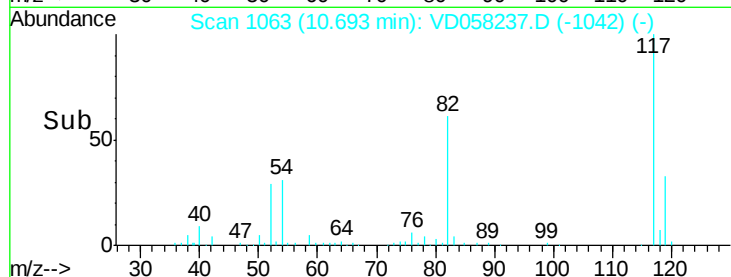
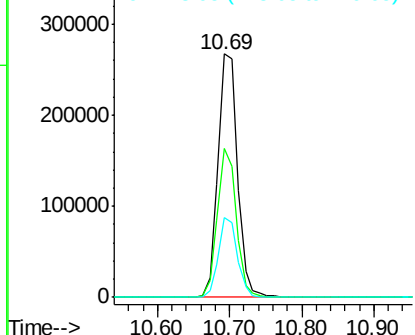
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VD058237.D
Acq: 21 Jun 2018 5:59

Instrument :
MSVOA_D
ClientSampleId :
26KV-TP-3

Tot Ion:117 Resp: 497943
Ion Ratio Lower Upper
117 100
82 61.0 47.0 70.6
119 32.5 25.3 37.9

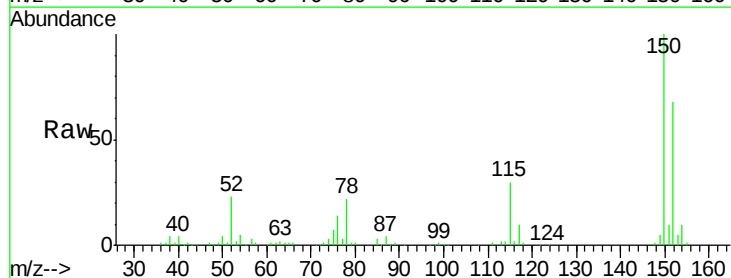


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

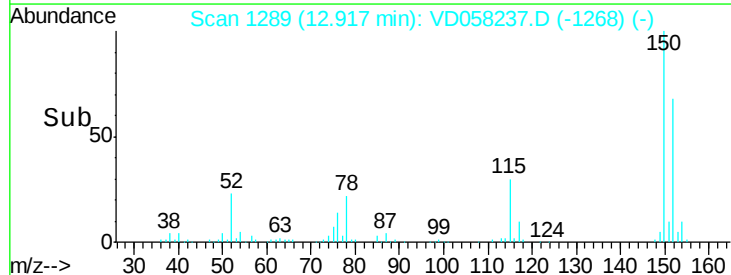
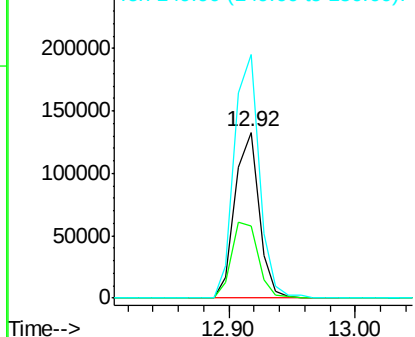


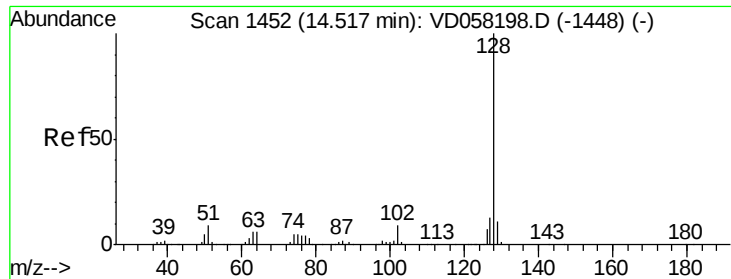
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.92 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VD058237.D
Acq: 21 Jun 2018 5:59

Tgt Ion:152 Resp: 176283
Ion Ratio Lower Upper
152 100
115 43.8 25.1 75.3
150 147.1 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





#95

Naphthalene

Concen: 3.84 ug/l

RT: 14.52 min Scan# 1452

Delta R.T. 0.00 min

Lab File: VD058237.D

Acq: 21 Jun 2018 5:59

Instrument :

MSVOA_D

ClientSampleId :

26KV-TP-3

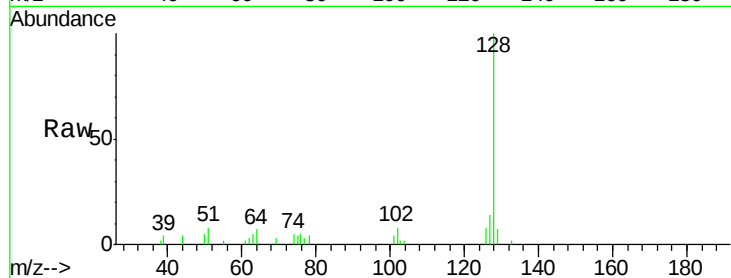
Tot Ion:128 Resp: 22582

Ion Ratio Lower Upper

128 100

127 13.9 10.0 15.0

129 7.1 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

