

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062218\
 Data File : VD058296.D
 Acq On : 22 Jun 2018 14:45
 Operator : VA/AP
 Sample : J3603-21RE
 Misc : 6.04g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 26KV-TP-6RE

Quant Time: Jun 22 15:49:11 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	5.64	168	22445	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	34486	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	31477	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	18229	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.01	65	18271	80.59	ug/l	0.00
Spiked Amount			Recovery	=	161.18%	
35) Dibromofluoromethane	5.54	113	13455	47.94	ug/l	0.00
Spiked Amount			Recovery	=	95.88%	
50) Toluene-d8	8.70	98	33598	49.48	ug/l	0.00
Spiked Amount			Recovery	=	98.96%	
62) 4-Bromofluorobenzene	11.92	95	17028	61.38	ug/l	0.00
Spiked Amount			Recovery	=	122.76%	

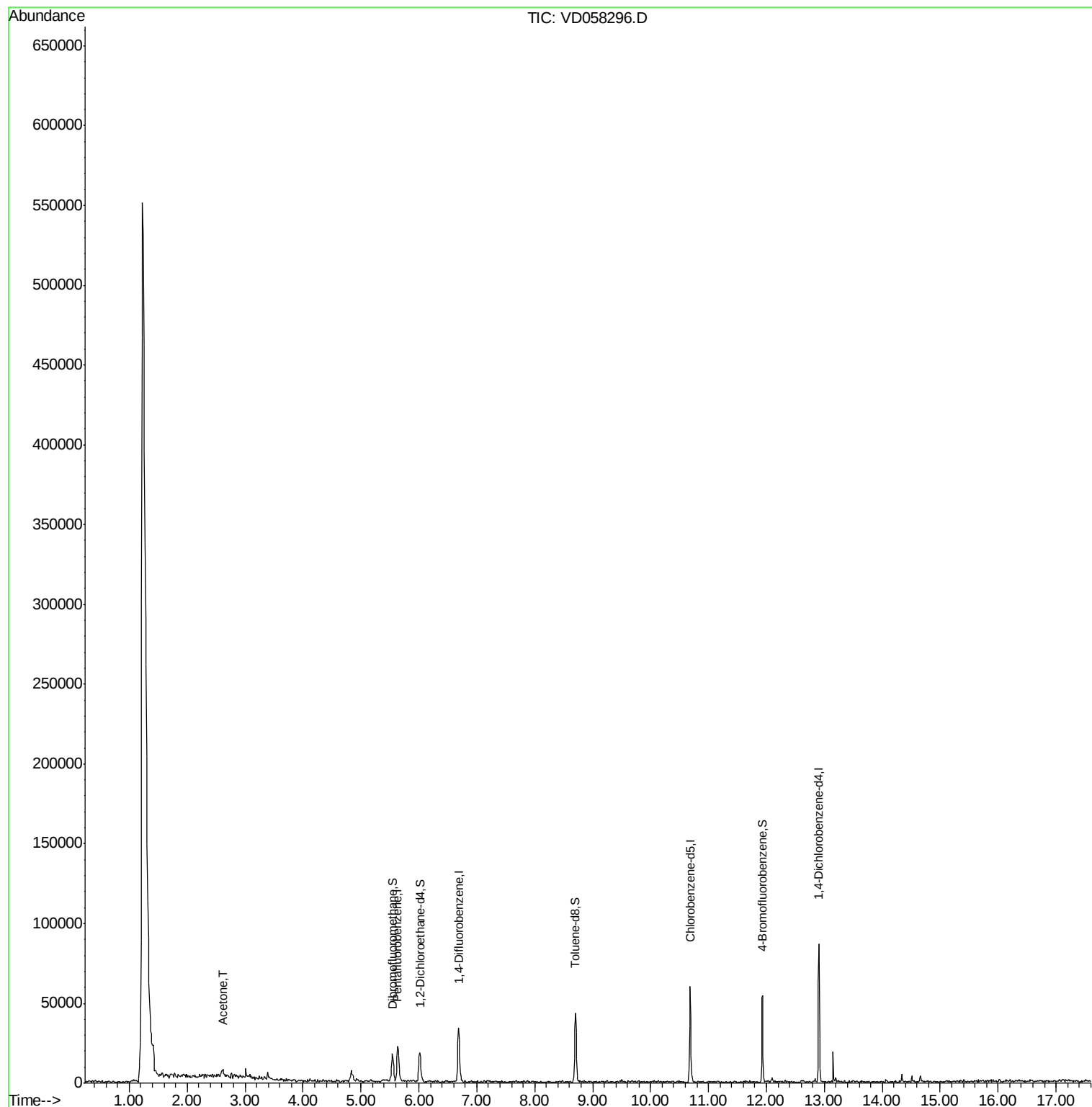
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.60	43	10757	346.95	ug/l	# 92

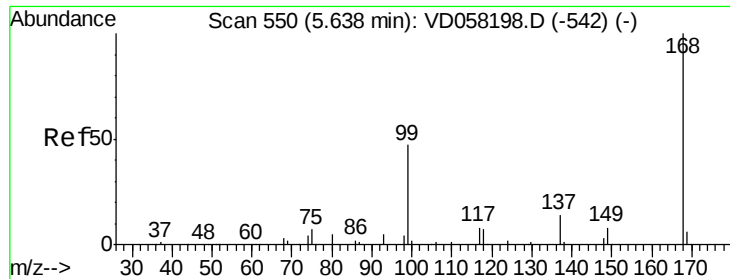
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jun 20 05:52:56 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.64 min Scan# 550

Delta R.T. 0.00 min

Lab File: VD058296.D

Acq: 22 Jun 2018 14:45

Instrument :

MSVOA_D

ClientSampleId :

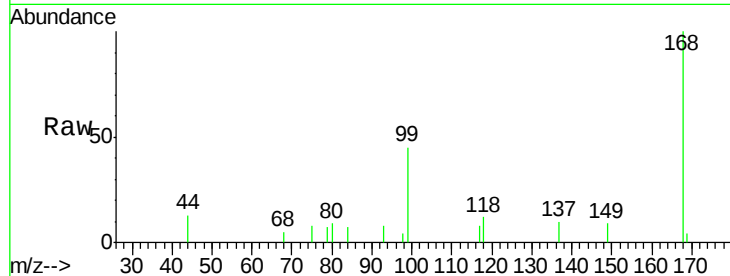
26KV-TP-6RE

Tot Ion:168 Resp: 22445

Ion Ratio Lower Upper

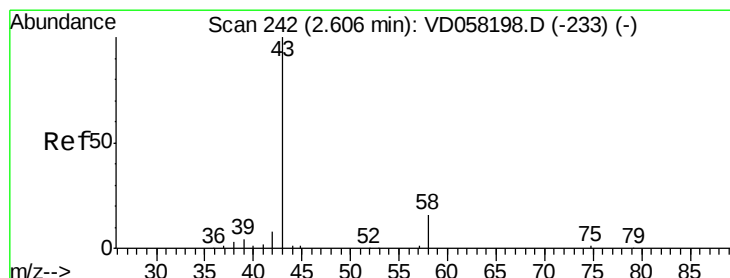
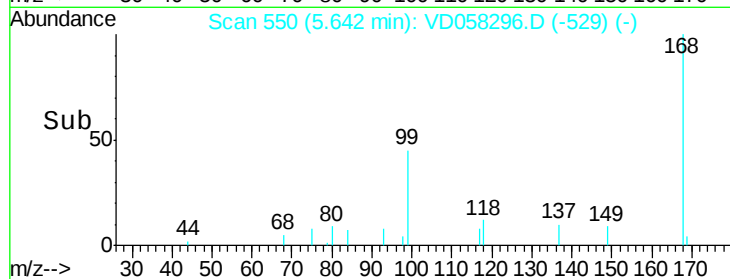
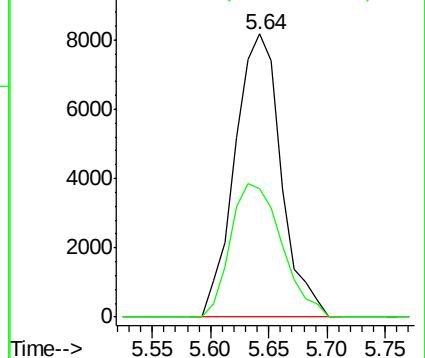
168 100

99 45.4 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: 346.95 ug/l

RT: 2.60 min Scan# 241

Delta R.T. -0.01 min

Lab File: VD058296.D

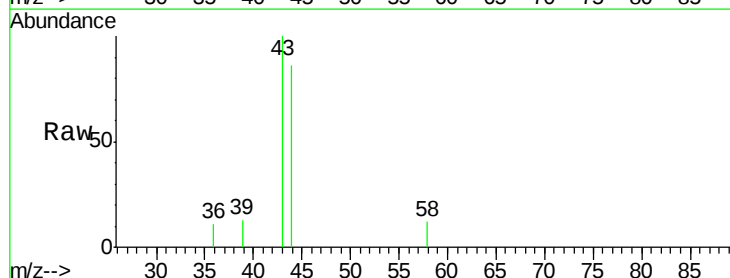
Acq: 22 Jun 2018 14:45

Tgt Ion: 43 Resp: 10757

Ion Ratio Lower Upper

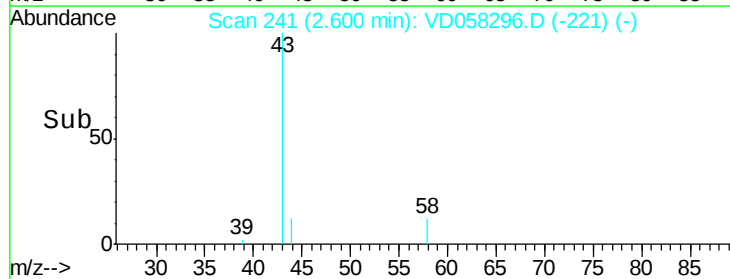
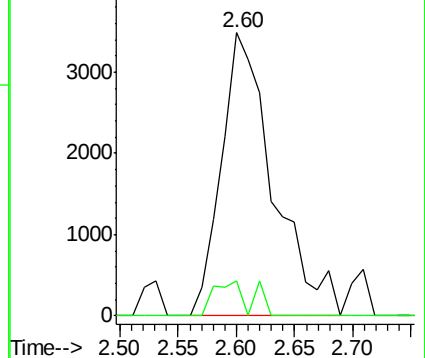
43 100

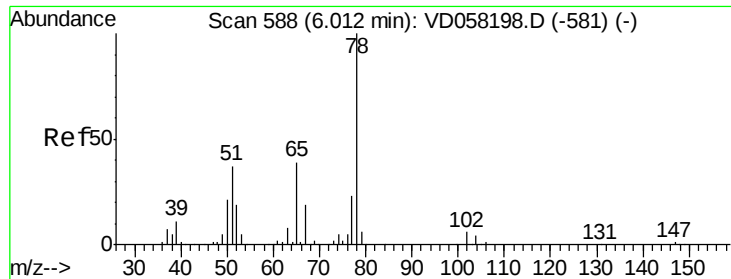
58 12.4 12.7 19.1#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

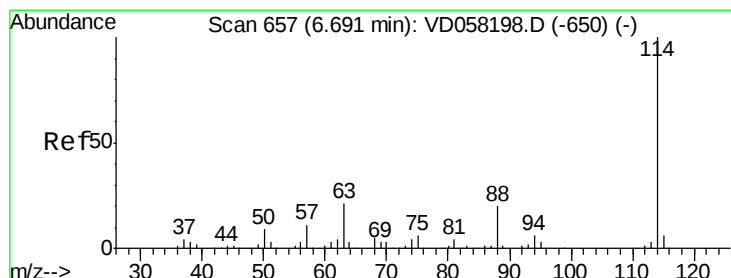
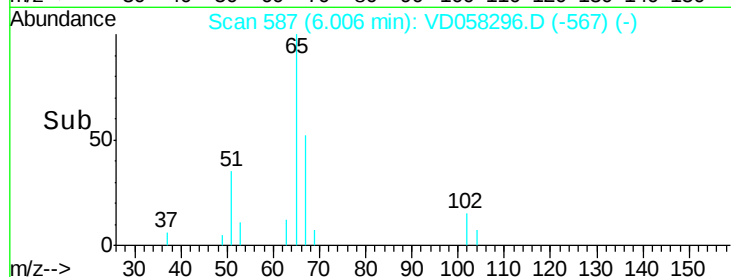
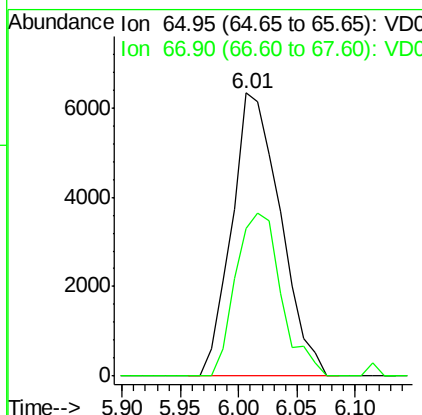
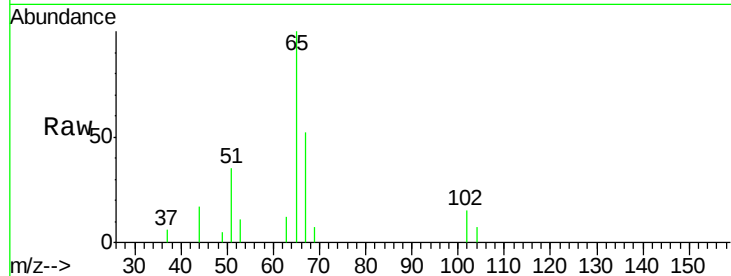




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.01 min Scan# 587
 Delta R.T. -0.01 min
 Lab File: VD058296.D
 Acq: 22 Jun 2018 14:45

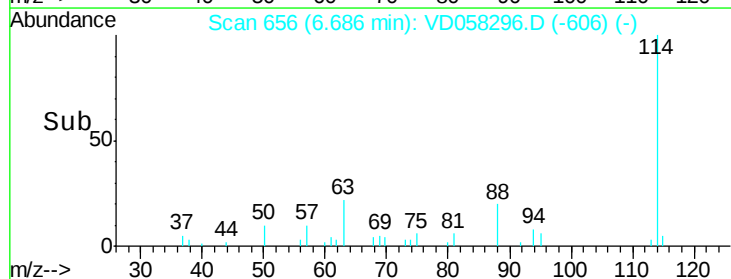
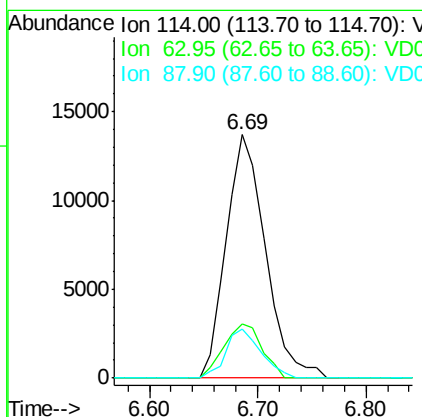
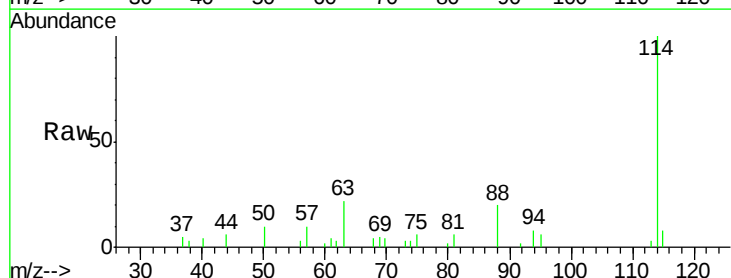
Instrument :
 MSVOA_D
 ClientSampleId :
 26KV-TP-6RE

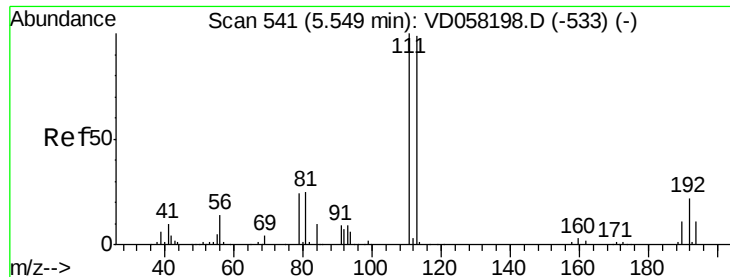
Tot Ion: 65 Resp: 18271
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 97.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.69 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: VD058296.D
 Acq: 22 Jun 2018 14:45

Tgt Ion: 114 Resp: 34486
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 42.6
 88 19.9 0.0 40.6

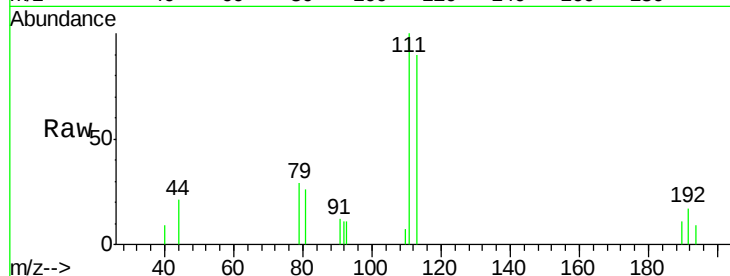




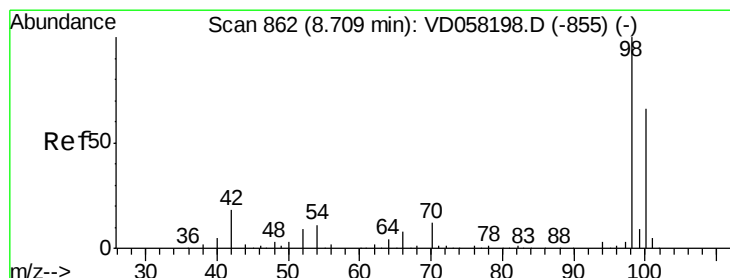
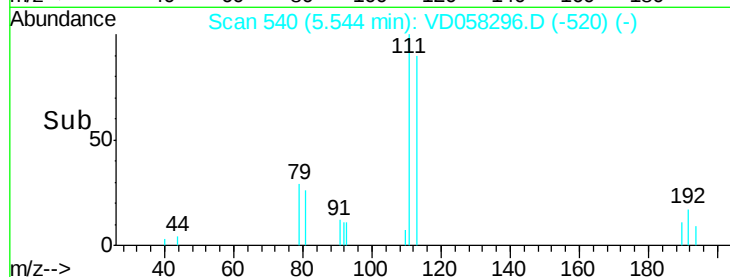
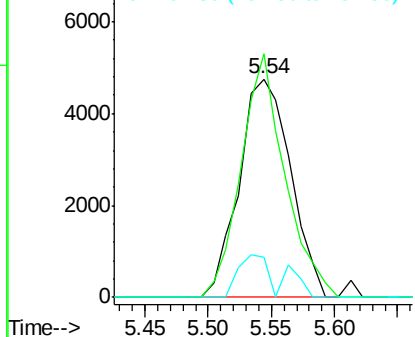
#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 5.54 min Scan# 540
Delta R.T. -0.01 min
Lab File: VD058296.D
Acq: 22 Jun 2018 14:45

Instrument :
MSVOA_D
ClientSampleId :
26KV-TP-6RE

Tot Ion:113 Resp: 13455
Ion Ratio Lower Upper
113 100
111 111.4 80.6 121.0
192 18.5 17.8 26.6

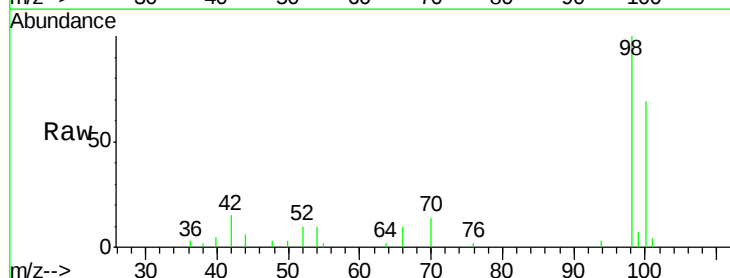


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

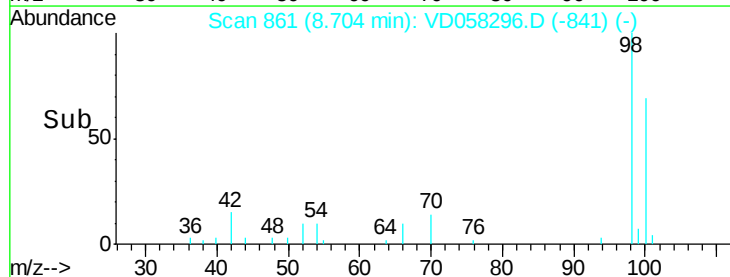
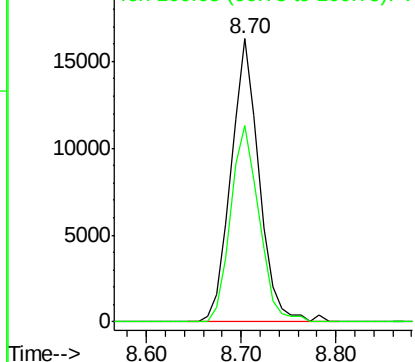


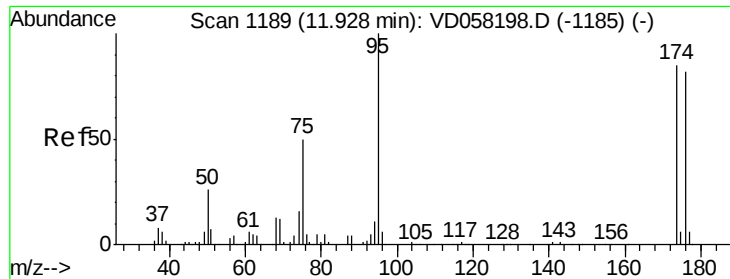
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 861
Delta R.T. -0.01 min
Lab File: VD058296.D
Acq: 22 Jun 2018 14:45

Tgt Ion: 98 Resp: 33598
Ion Ratio Lower Upper
98 100
100 69.2 53.6 80.4



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

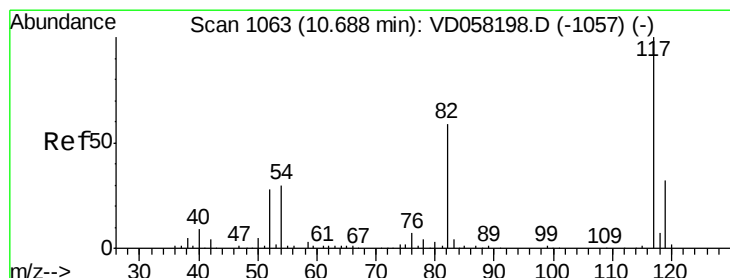
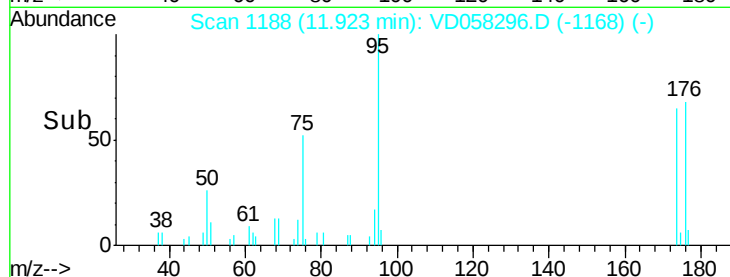
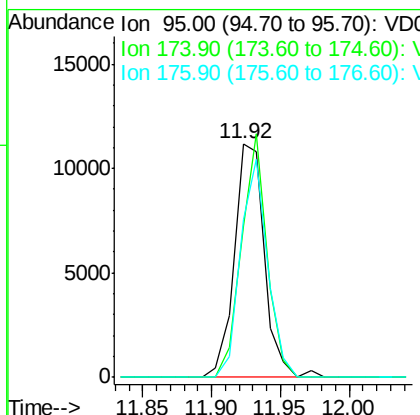
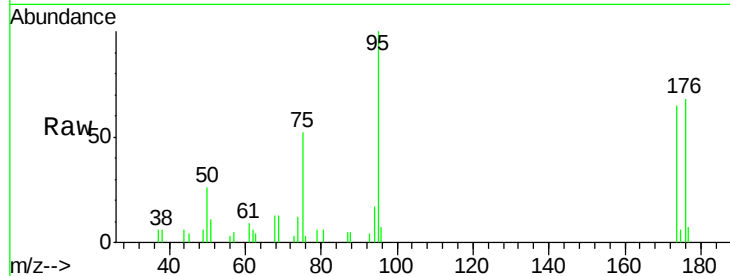




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1188
Delta R.T. -0.01 min
Lab File: VD058296.D
Acq: 22 Jun 2018 14:45

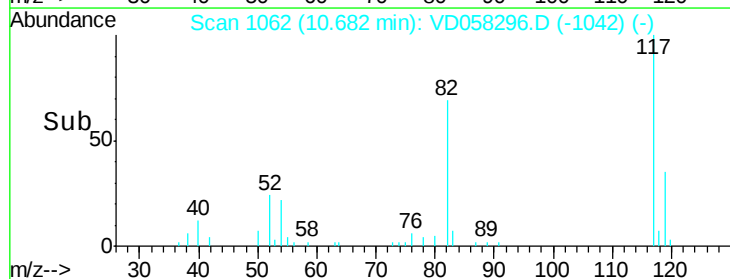
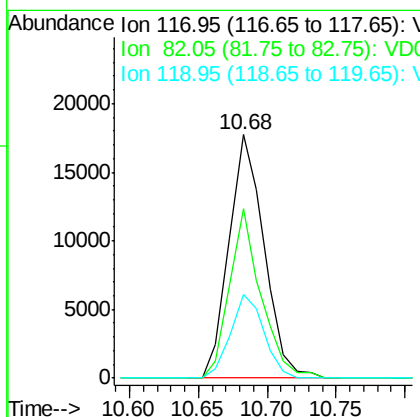
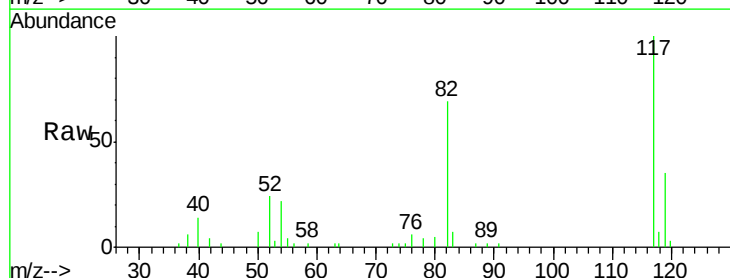
Instrument :
MSVOA_D
ClientSampleId :
26KV-TP-6RE

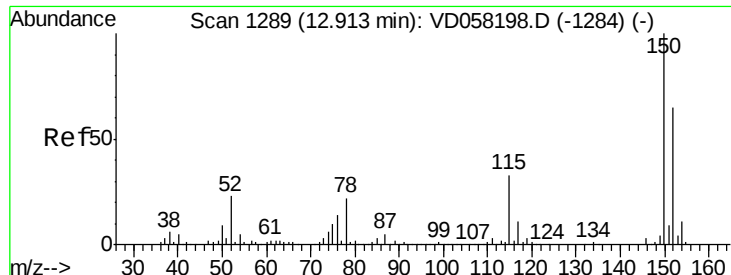
Tot Ion: 95 Resp: 17028
Ion Ratio Lower Upper
95 100
174 65.1 0.0 170.2
176 67.6 0.0 164.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VD058296.D
Acq: 22 Jun 2018 14:45

Tgt Ion: 117 Resp: 31477
Ion Ratio Lower Upper
117 100
82 69.4 47.0 70.6
119 34.6 25.3 37.9

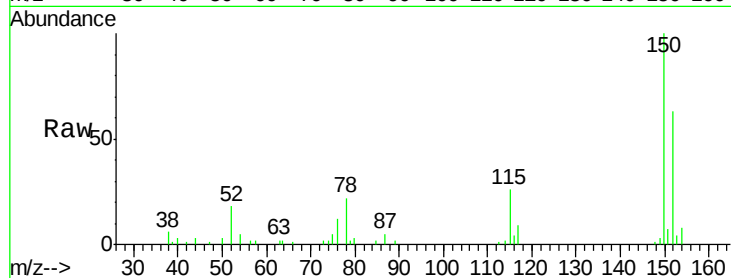




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.91 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: VD058296.D
 Acq: 22 Jun 2018 14:45

Instrument :
 MSVOA_D
 ClientSampleId :
 26KV-TP-6RE

Tot Ion	Ratio	Lower	Upper
152	100		
115	41.6	25.1	75.3
150	157.7	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

