

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062118\
 Data File : VD058290.D
 Acq On : 22 Jun 2018 11:23
 Operator : VA/AP
 Sample : J3603-23
 Misc : 5.77g/5ml/MSVOA D/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 26KV-TP-11

Quant Time: Jun 22 11:53:21 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	413379	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	446149	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	194161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	37400	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	172502	41.31	ug/l	0.00
Spiked Amount			Recovery	=	82.62%	
35) Dibromofluoromethane	5.55	113	195572	53.86	ug/l	0.00
Spiked Amount			Recovery	=	107.72%	
50) Toluene-d8	8.70	98	342422	38.98	ug/l	0.00
Spiked Amount			Recovery	=	77.96%	
62) 4-Bromofluorobenzene	11.93	95	67398	18.78	ug/l	0.00
Spiked Amount			Recovery	=	37.56%	

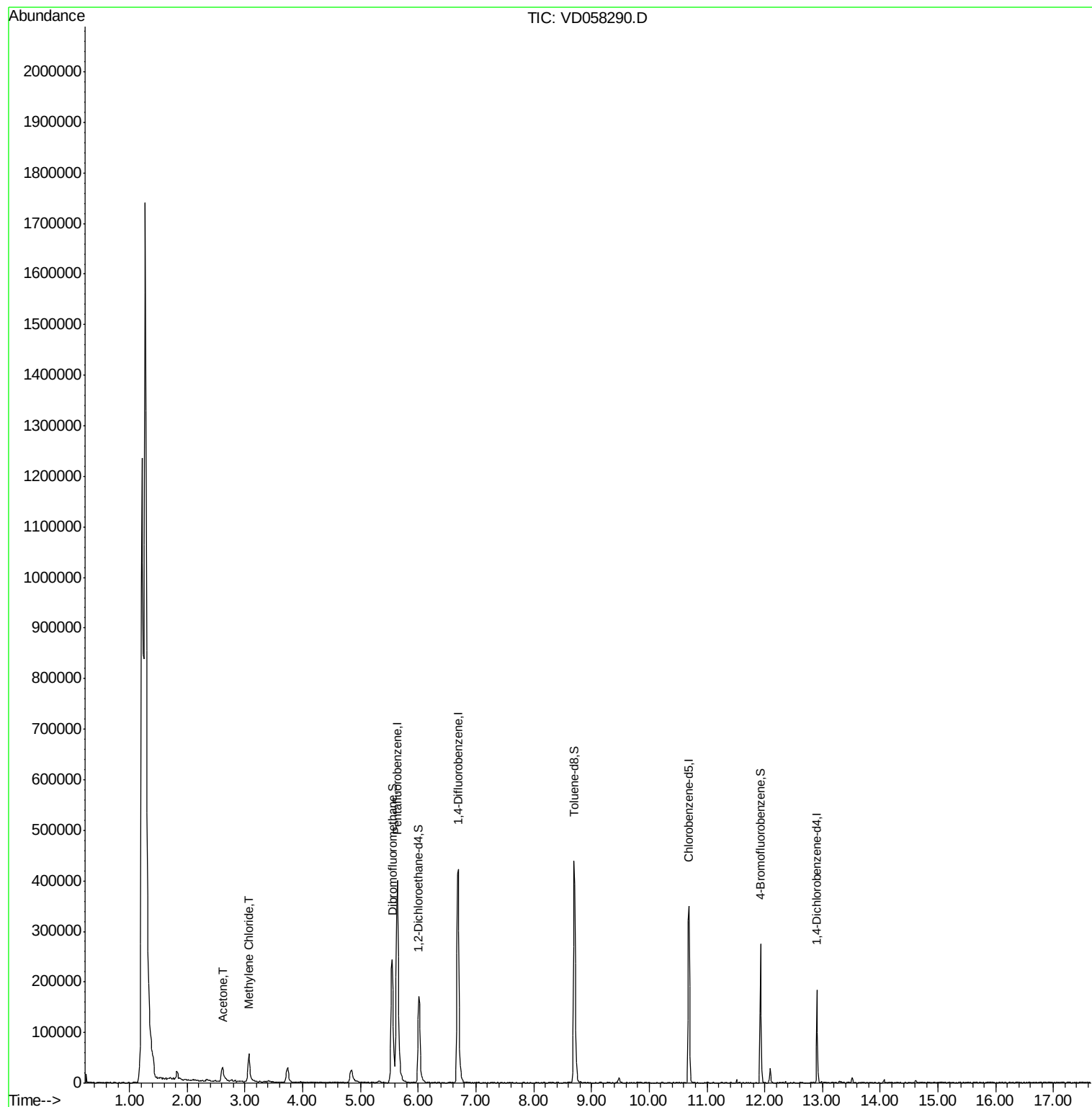
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.62	43	63572	111.33	ug/l	97
20) Methylene Chloride	3.07	84	23835	12.41	ug/l	90

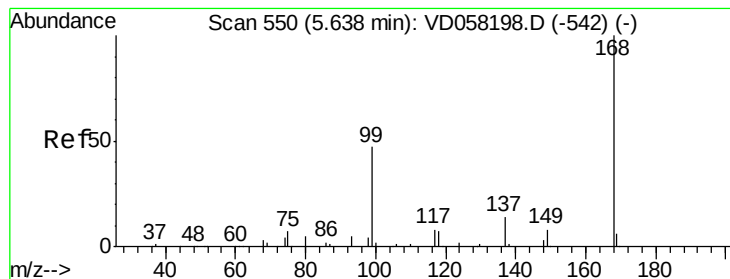
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jun 20 05:52:56 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.64 min Scan# 550

Delta R.T. 0.00 min

Lab File: VD058290.D

Acq: 22 Jun 2018 11:23

Instrument :

MSVOA_D

ClientSampleId :

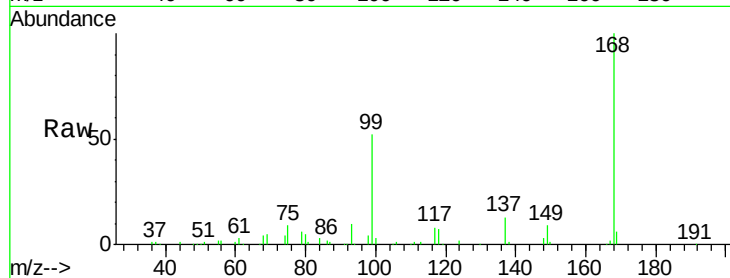
26KV-TP-11

Tot Ion:168 Resp: 413379

Ion Ratio Lower Upper

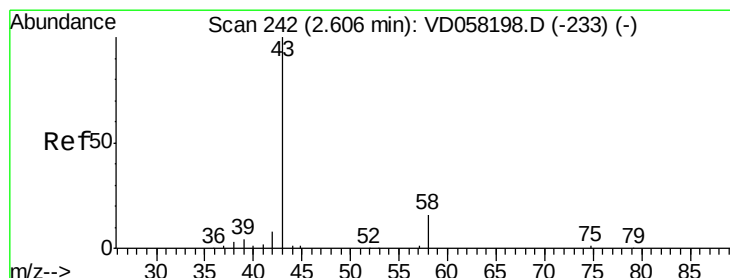
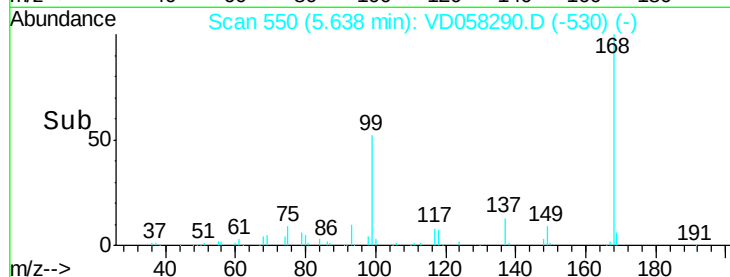
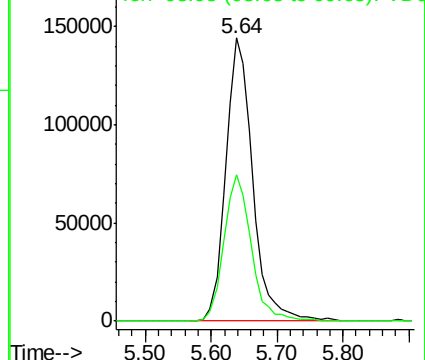
168 100

99 51.5 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: 111.33 ug/l

RT: 2.62 min Scan# 243

Delta R.T. 0.01 min

Lab File: VD058290.D

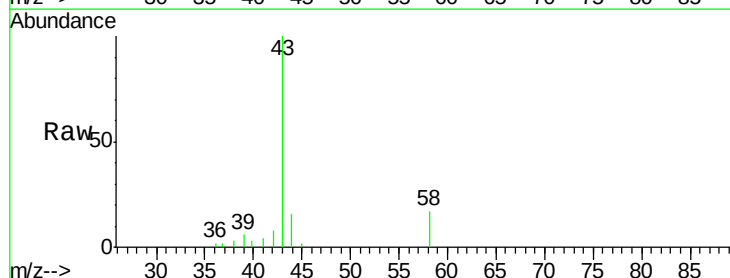
Acq: 22 Jun 2018 11:23

Tgt Ion: 43 Resp: 63572

Ion Ratio Lower Upper

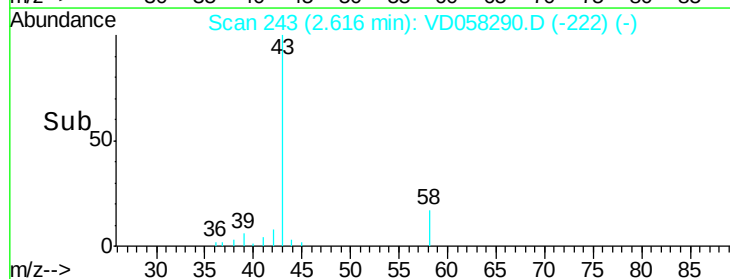
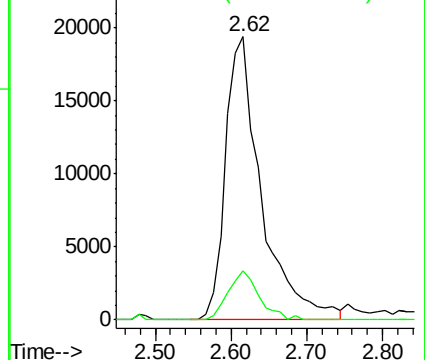
43 100

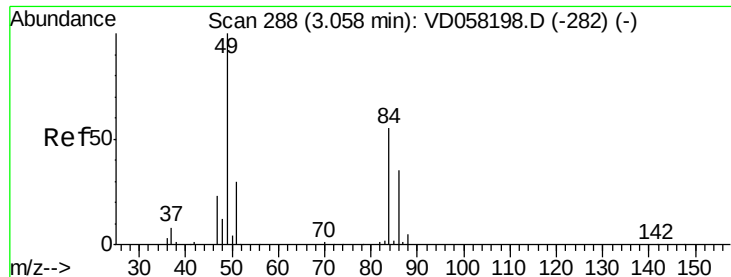
58 17.1 12.7 19.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

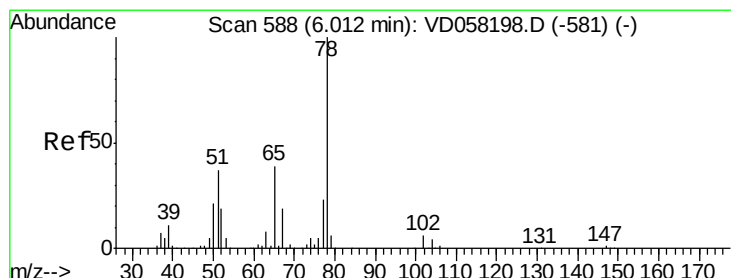
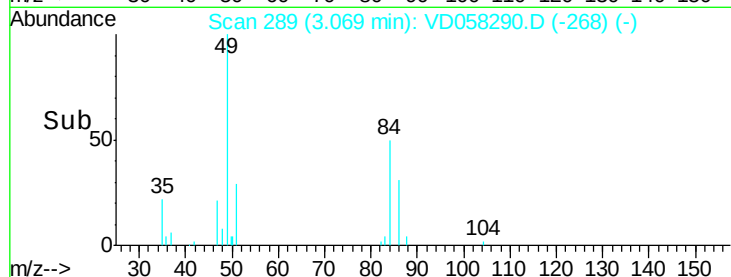
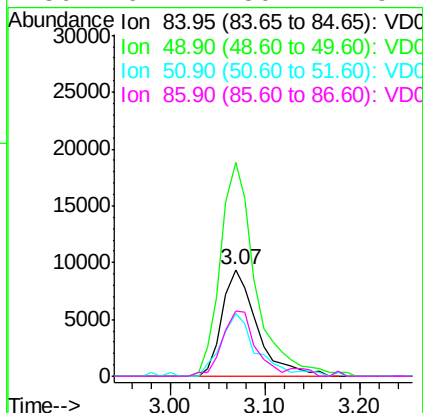
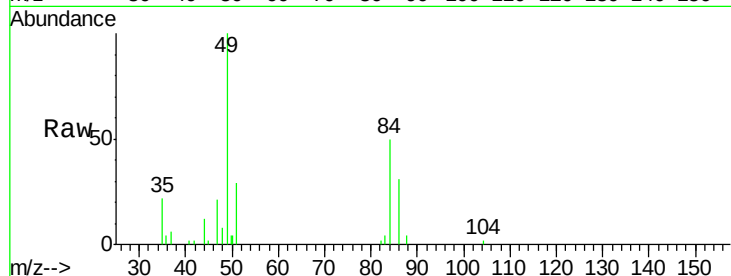




#20
Methylene Chloride
Concen: 12.41 ug/l
RT: 3.07 min Scan# 289
Delta R.T. 0.01 min
Lab File: VD058290.D
Acq: 22 Jun 2018 11:23

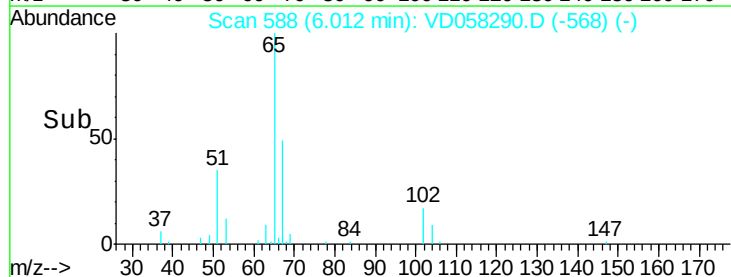
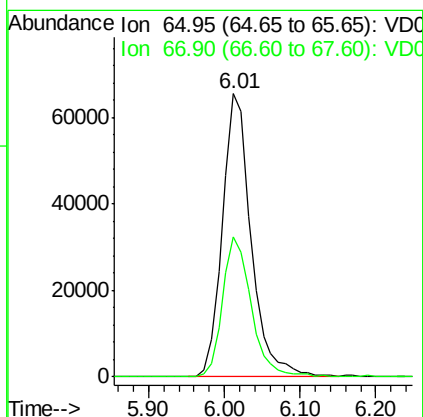
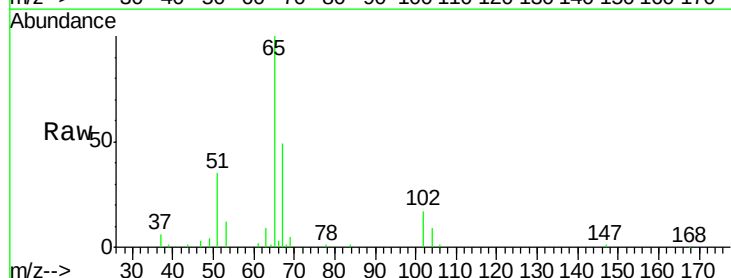
Instrument :
MSVOA_D
ClientSampleId :
26KV-TP-11

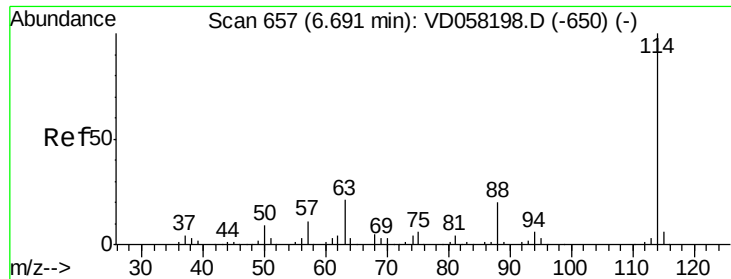
Tot Ion: 84 Resp: 23835
Ion Ratio Lower Upper
84 100
49 200.6 145.0 217.6
51 59.0 42.9 64.3
86 61.2 50.1 75.1



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 6.01 min Scan# 588
Delta R.T. 0.00 min
Lab File: VD058290.D
Acq: 22 Jun 2018 11:23

Tgt Ion: 65 Resp: 172502
Ion Ratio Lower Upper
65 100
67 49.4 0.0 97.8

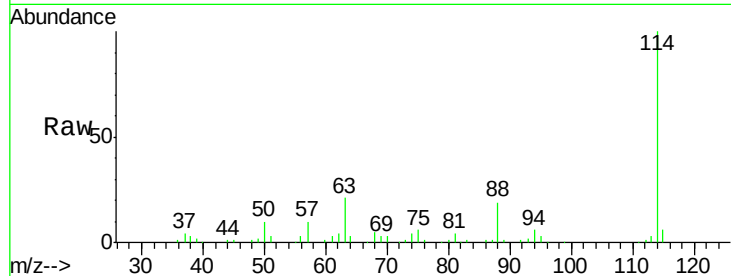




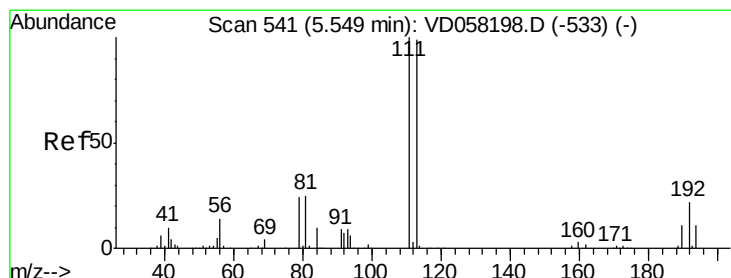
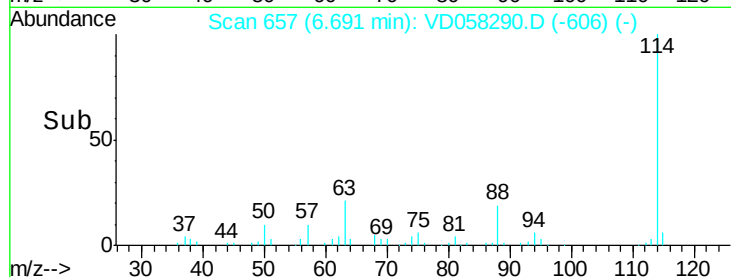
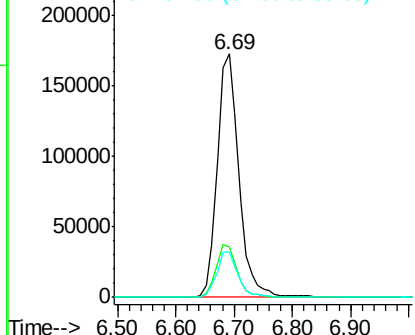
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: VD058290.D
 Acq: 22 Jun 2018 11:23

Instrument :
 MSVOA_D
 ClientSampleId :
 26KV-TP-11

Tot Ion:114 Resp: 446149
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.6
 88 18.5 0.0 40.6

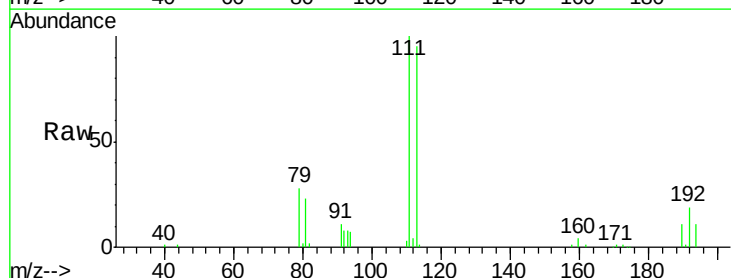


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

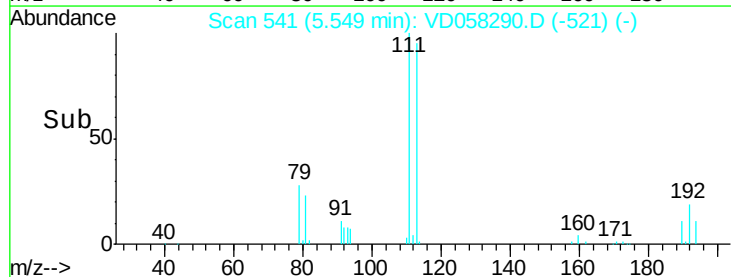
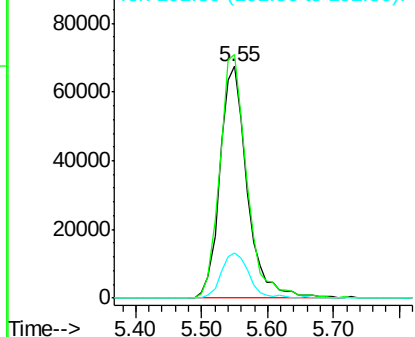


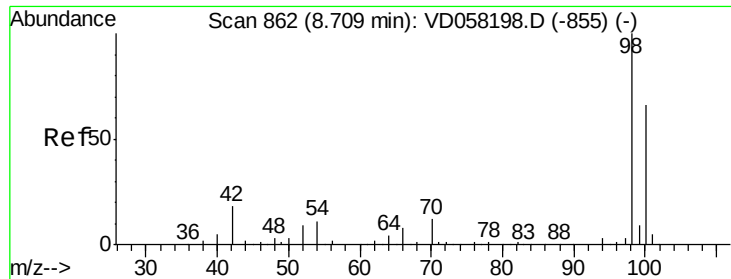
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.55 min Scan# 541
 Delta R.T. 0.00 min
 Lab File: VD058290.D
 Acq: 22 Jun 2018 11:23

Tgt Ion:113 Resp: 195572
 Ion Ratio Lower Upper
 113 100
 111 104.9 80.6 121.0
 192 19.6 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

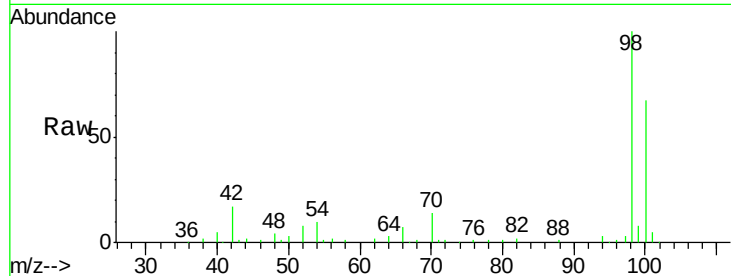




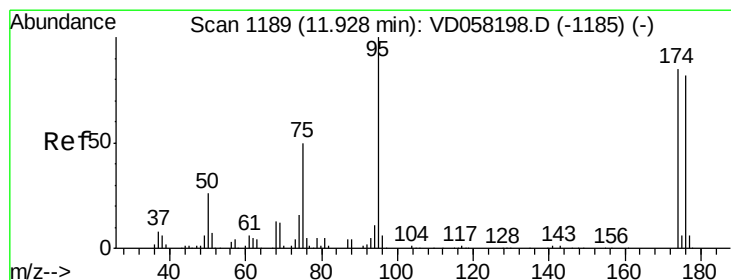
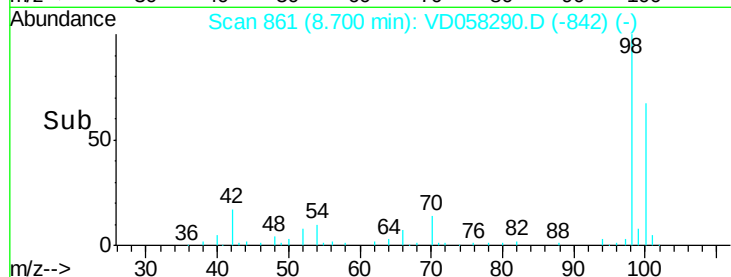
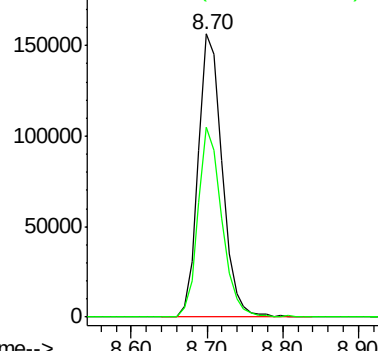
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 861
Delta R.T. -0.01 min
Lab File: VD058290.D
Acq: 22 Jun 2018 11:23

Instrument :
MSVOA_D
ClientSampleId :
26KV-TP-11

Tot Ion: 98 Resp: 342422
Ion Ratio Lower Upper
98 100
100 67.0 53.6 80.4

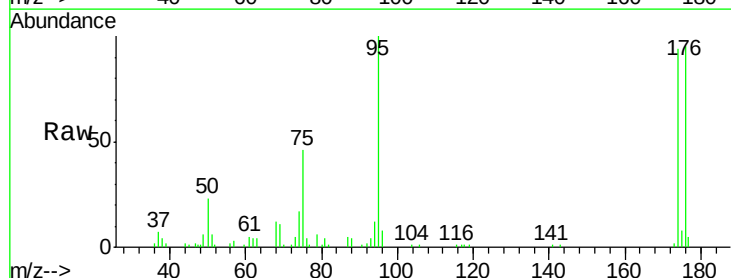


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

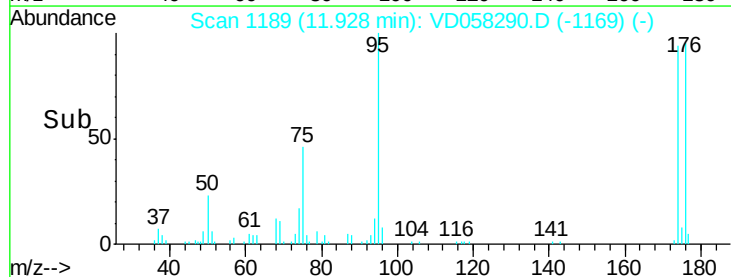
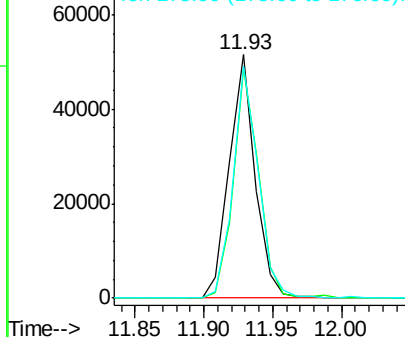


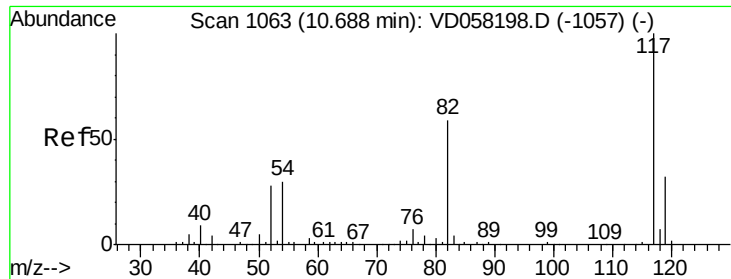
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VD058290.D
Acq: 22 Jun 2018 11:23

Tgt Ion: 95 Resp: 67398
Ion Ratio Lower Upper
95 100
174 94.4 0.0 170.2
176 95.3 0.0 164.6



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

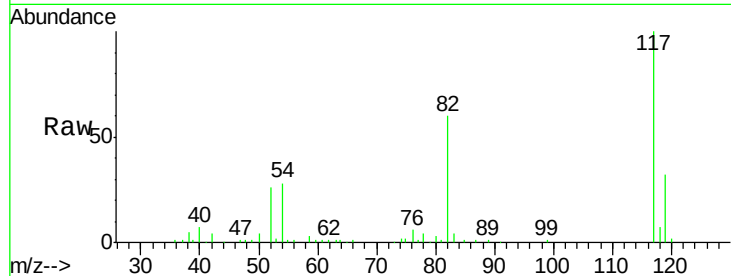




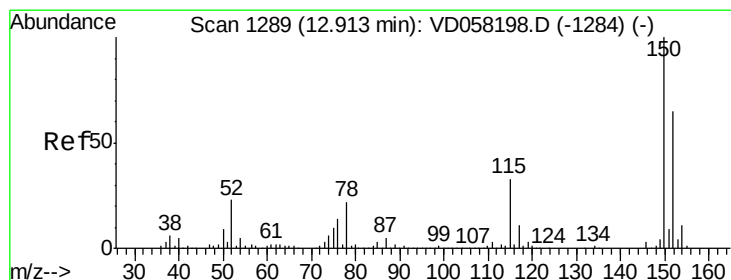
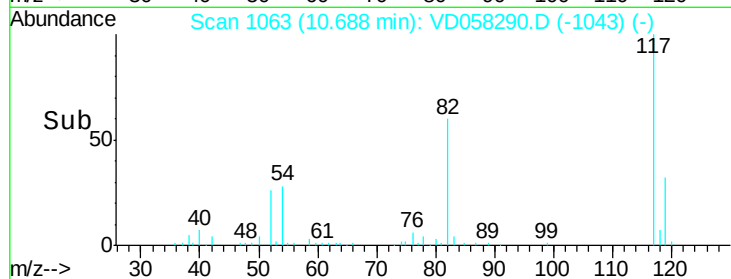
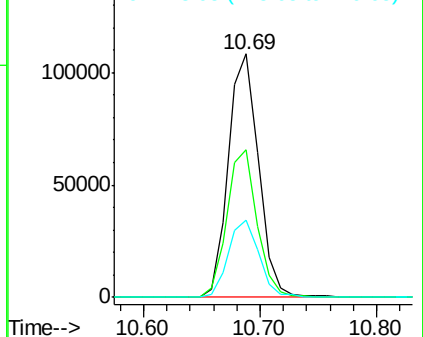
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VD058290.D
Acq: 22 Jun 2018 11:23

Instrument :
MSVOA_D
ClientSampleId :
26KV-TP-11

Tot Ion:117 Resp: 194161
Ion Ratio Lower Upper
117 100
82 60.4 47.0 70.6
119 31.6 25.3 37.9

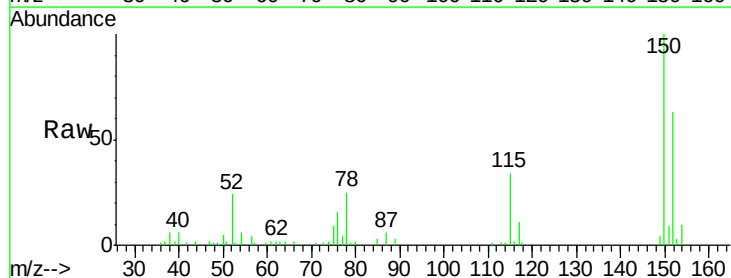


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.90 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VD058290.D
Acq: 22 Jun 2018 11:23

Tgt Ion:152 Resp: 37400
Ion Ratio Lower Upper
152 100
115 54.1 25.1 75.3
150 158.8 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

