

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062818\
 Data File : VD059471.D
 Acq On : 28 Jun 2018 19:14
 Operator : VA/AP
 Sample : J3629-16RE
 Misc : 6.60g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A0C22-02RE

Quant Time: Jun 29 02:05:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 07:29:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	562865	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.70	114	747340	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	595306	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	269906	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	374647	65.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	130.18%	
35) Dibromofluoromethane	5.56	113	385860	63.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	126.78%	
50) Toluene-d8	8.72	98	801690	56.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.68%	
62) 4-Bromofluorobenzene	11.93	95	321743	54.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.70%	

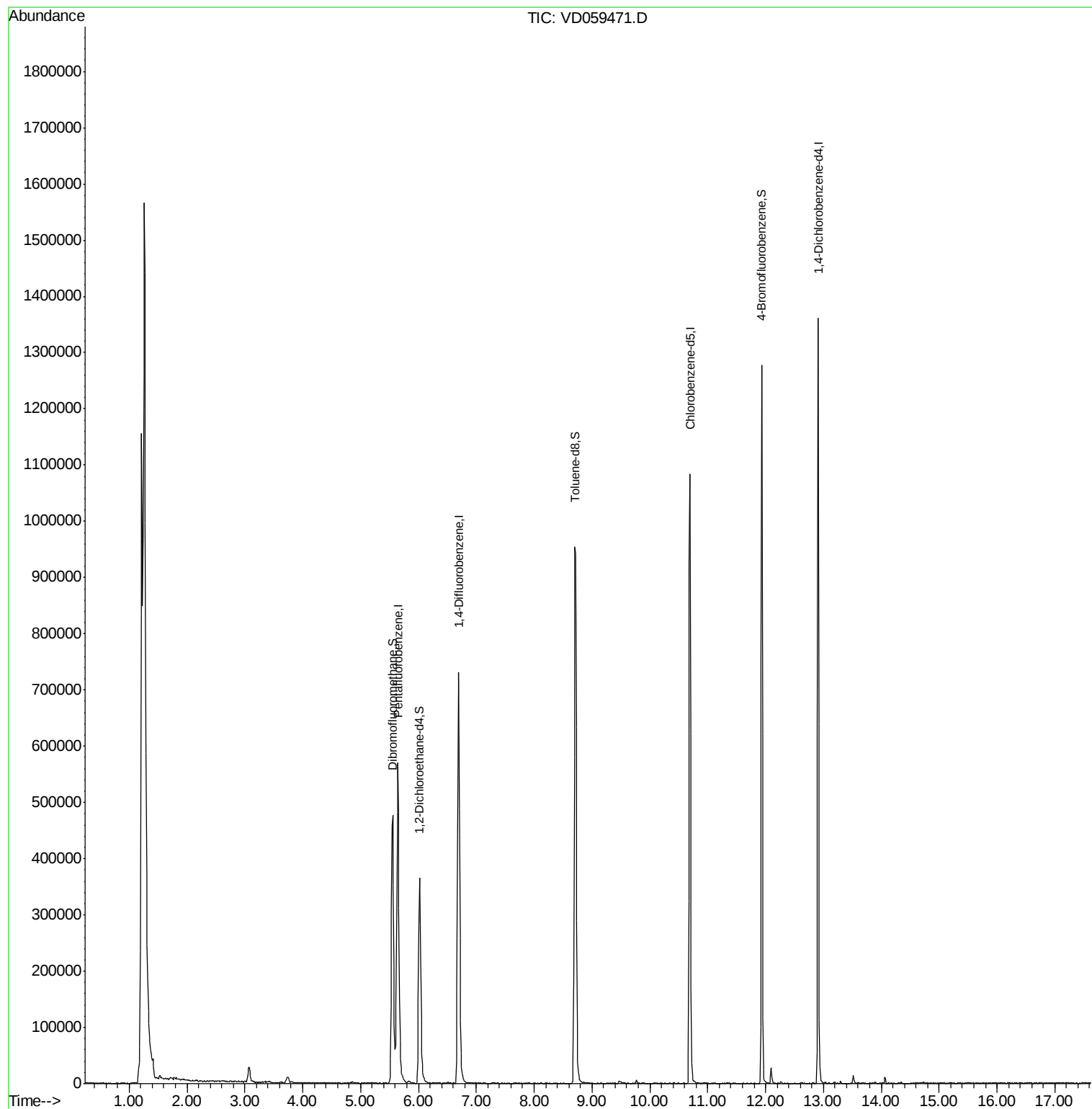
Target Compounds	Qvalue
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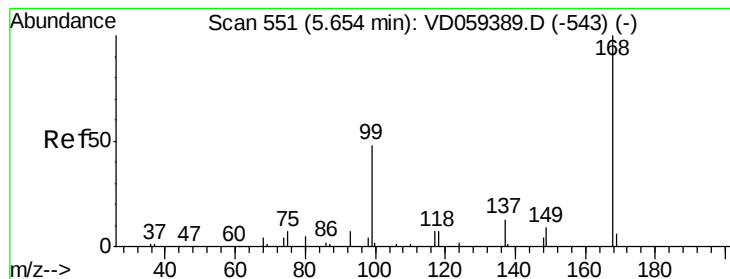
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.01 min

Lab File: VD059471.D

Acq: 28 Jun 2018 19:14

Instrument :

MSVOA_D

ClientSampleId :

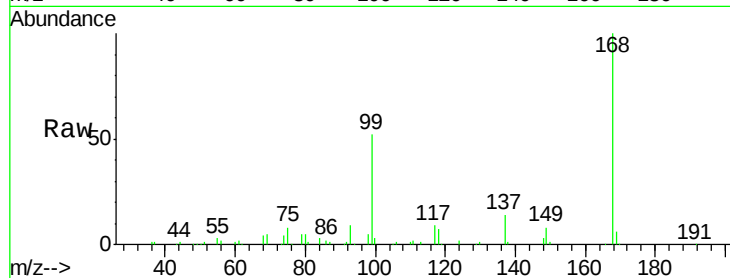
A0C22-02RE

Tot Ion:168 Resp: 562865

Ion Ratio Lower Upper

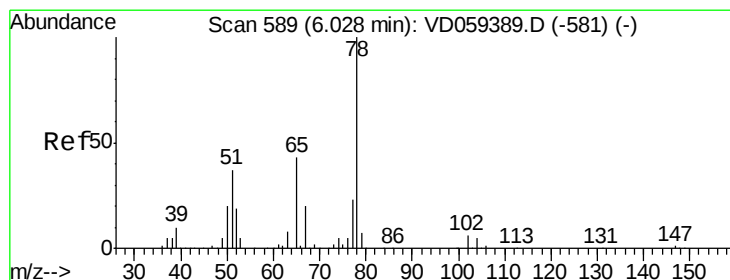
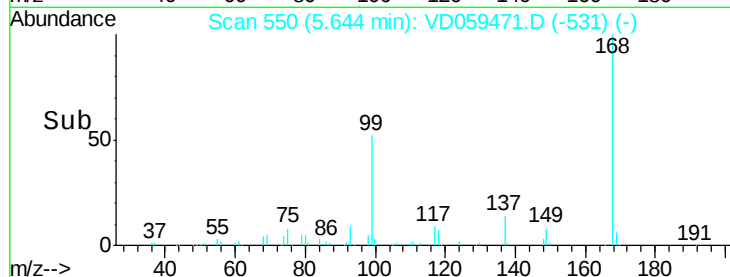
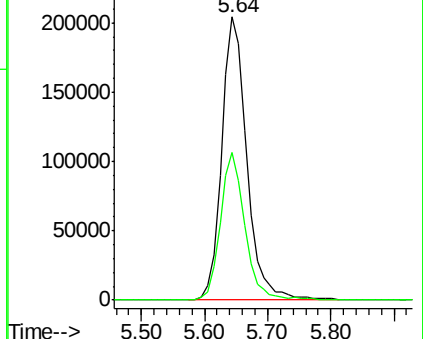
168 100

99 52.0 41.0 61.6



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: 6.02 min Scan# 588

Delta R.T. -0.01 min

Lab File: VD059471.D

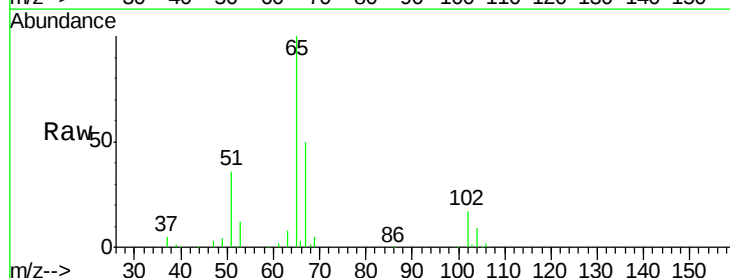
Acq: 28 Jun 2018 19:14

Tgt Ion: 65 Resp: 374647

Ion Ratio Lower Upper

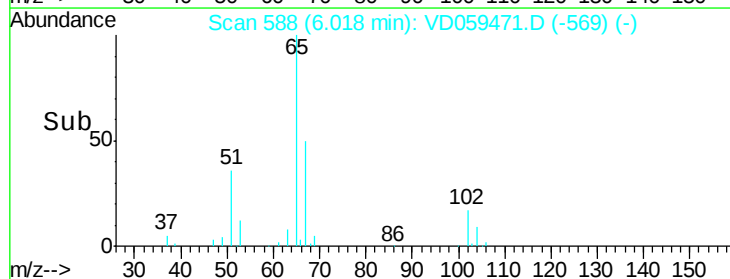
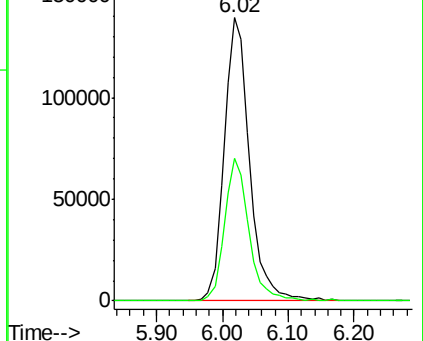
65 100

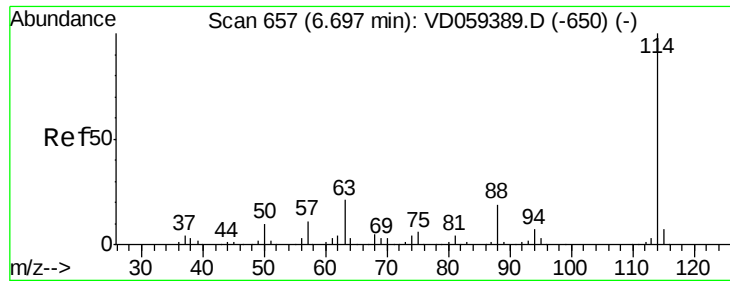
67 50.4 0.0 93.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

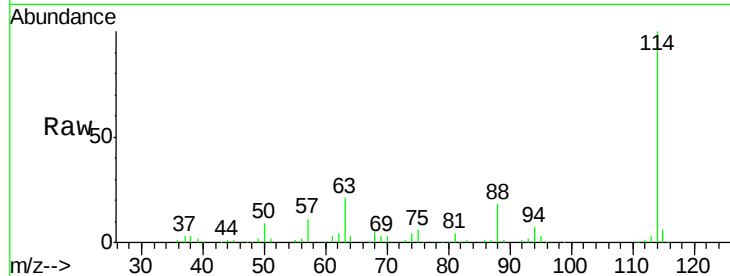




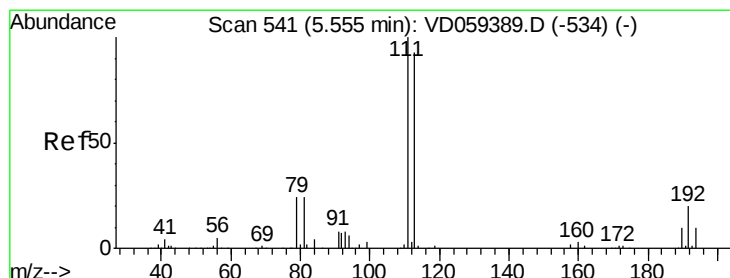
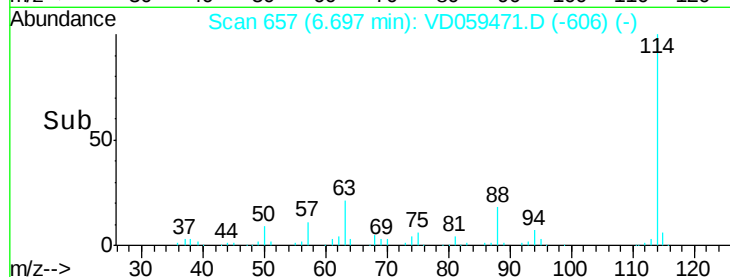
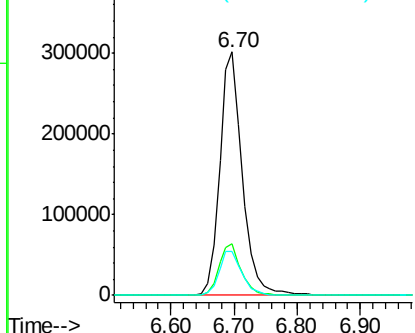
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.70 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: VD059471.D
 Acq: 28 Jun 2018 19:14

Instrument :
 MSVOA_D
 ClientSampleId :
 A0C22-02RE

Tot Ion:114 Resp: 747340
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 42.4
 88 18.2 0.0 38.0

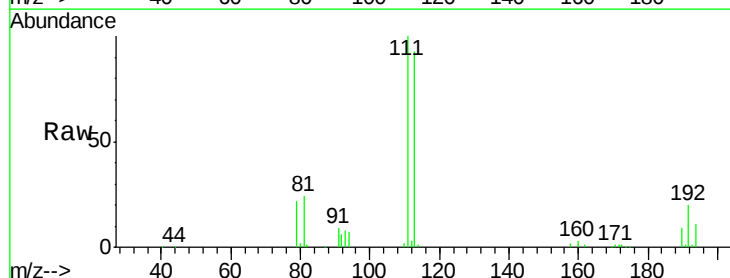


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

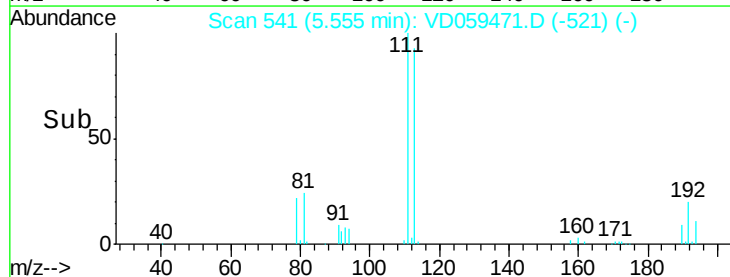
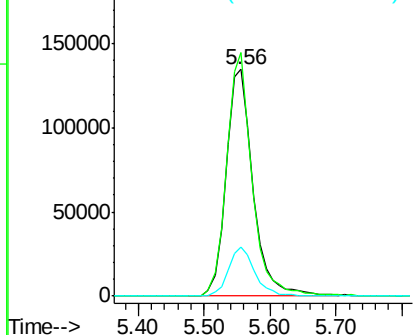


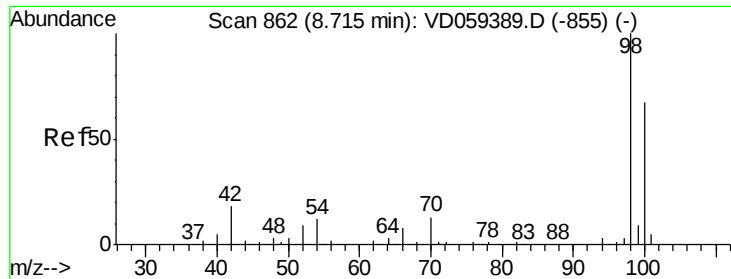
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.56 min Scan# 541
 Delta R.T. 0.00 min
 Lab File: VD059471.D
 Acq: 28 Jun 2018 19:14

Tgt Ion:113 Resp: 385860
 Ion Ratio Lower Upper
 113 100
 111 107.3 85.7 128.5
 192 21.6 16.9 25.3



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

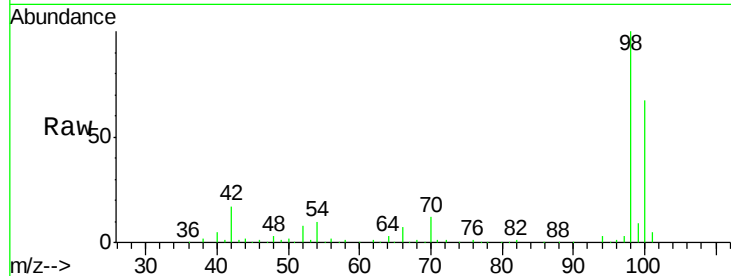




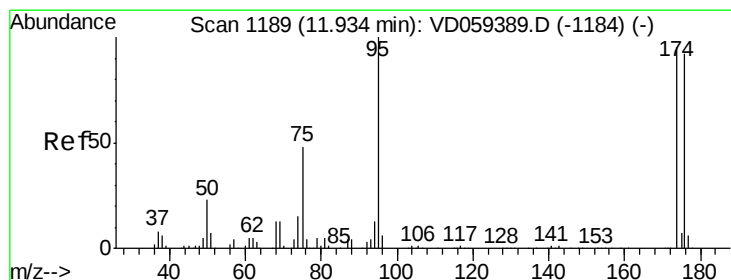
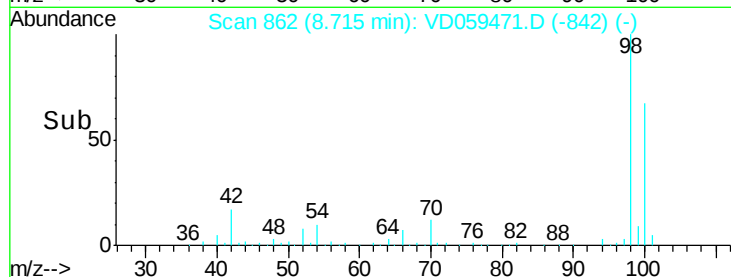
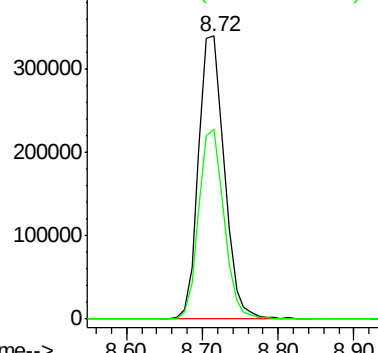
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.72 min Scan# 862
Delta R.T. 0.00 min
Lab File: VD059471.D
Acq: 28 Jun 2018 19:14

Instrument :
MSVOA_D
ClientSampleId :
A0C22-02RE

Tot Ion: 98 Resp: 801690
Ion Ratio Lower Upper
98 100
100 67.2 54.4 81.6

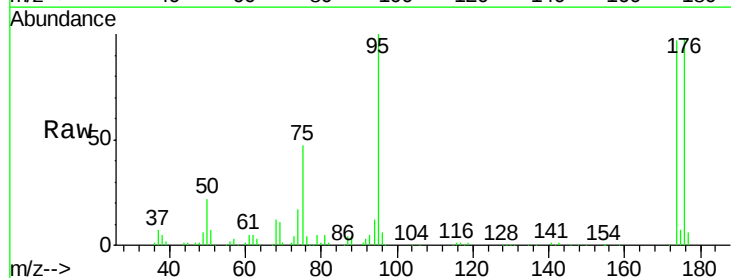


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

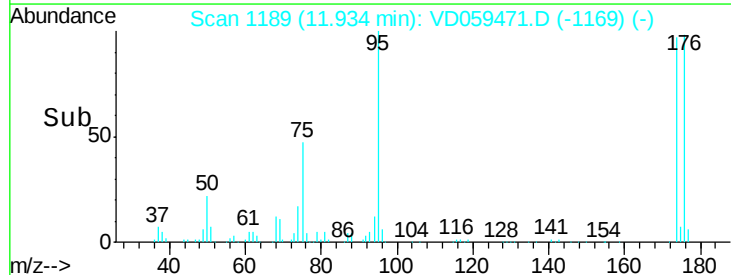
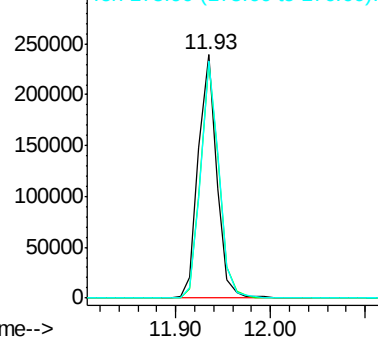


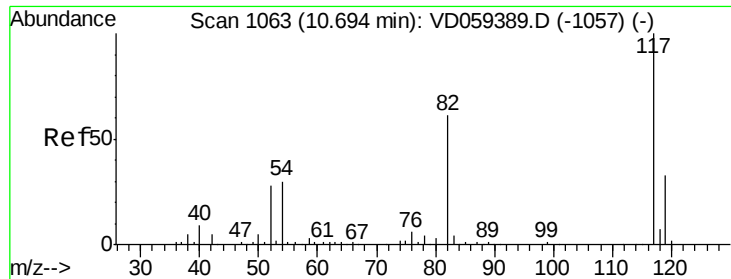
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VD059471.D
Acq: 28 Jun 2018 19:14

Tgt Ion: 95 Resp: 321743
Ion Ratio Lower Upper
95 100
174 96.9 0.0 190.4
176 97.6 0.0 183.2



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

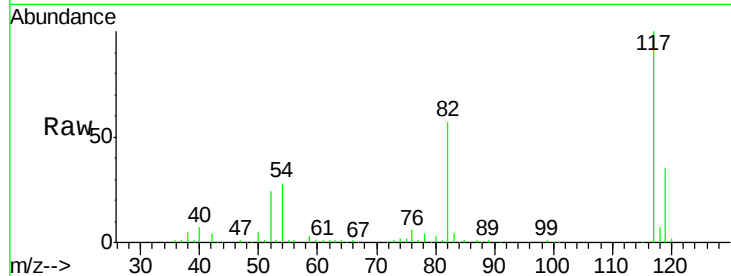




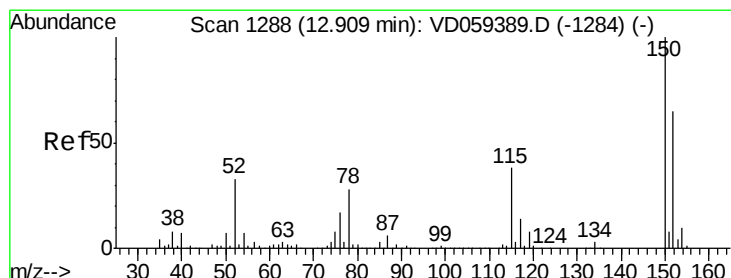
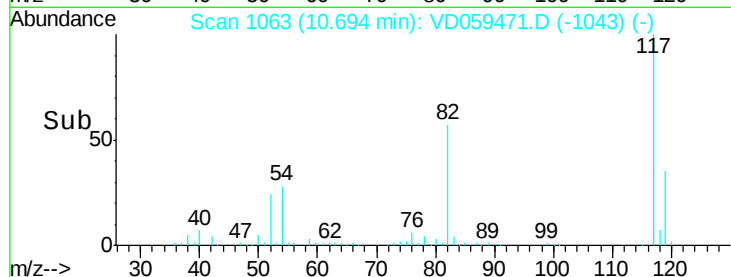
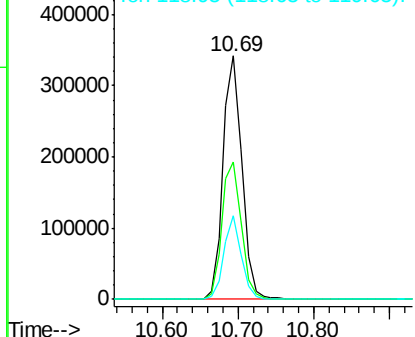
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VD059471.D
Acq: 28 Jun 2018 19:14

Instrument :
MSVOA_D
ClientSampleId :
A0C22-02RE

Tot Ion:117 Resp: 595306
Ion Ratio Lower Upper
117 100
82 56.5 49.0 73.6
119 34.6 26.2 39.4

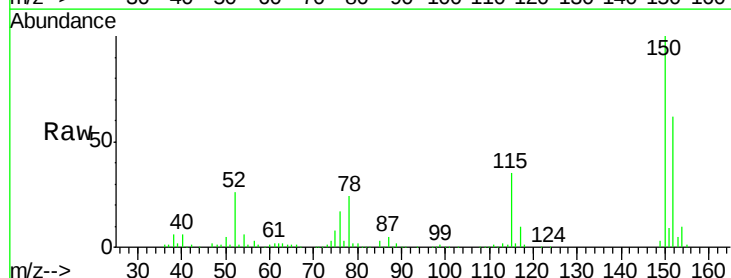


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.91 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VD059471.D
Acq: 28 Jun 2018 19:14

Tgt Ion:152 Resp: 269906
Ion Ratio Lower Upper
152 100
115 56.6 29.4 88.3
150 161.0 0.0 308.2



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

