

Data File : VD059595.D
Acq On : 25 Jul 2018 18:00
Operator : VA/AP
Sample : J4026-03
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
KY030LC001-S-180716

Quant Time: Jul 26 05:24:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 25 07:10:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	25970	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.68	114	35354	50.00	ug/l	0.02
63) Chlorobenzene-d5	10.68	117	25168	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.90	152	8922	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.00	65	23746	72.73	ug/l	0.02
Spiked Amount	50.000		Recovery	=	145.46%	
35) Dibromofluoromethane	5.52	113	17129	56.48	ug/l	0.02
Spiked Amount	50.000		Recovery	=	112.96%	
50) Toluene-d8	8.69	98	29244	42.51	ug/l	0.02
Spiked Amount	50.000		Recovery	=	85.02%	
62) 4-Bromofluorobenzene	11.92	95	12336	39.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.62%	

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

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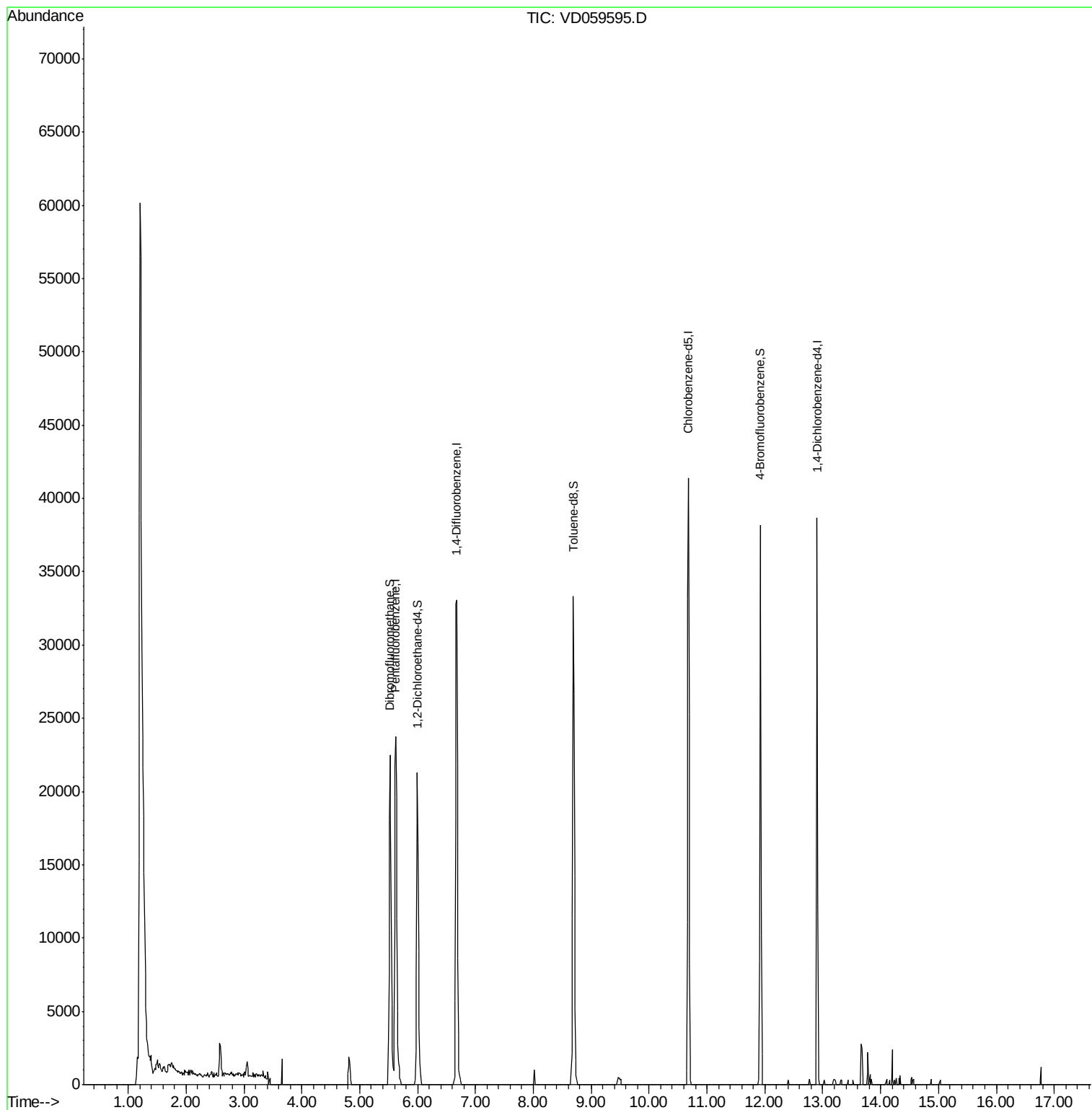
Quant Time: Jul 26 05:24:50 2018

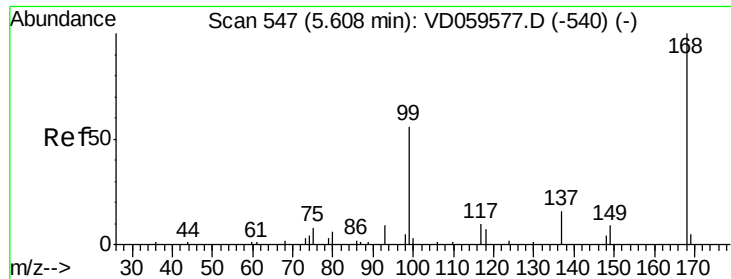
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M

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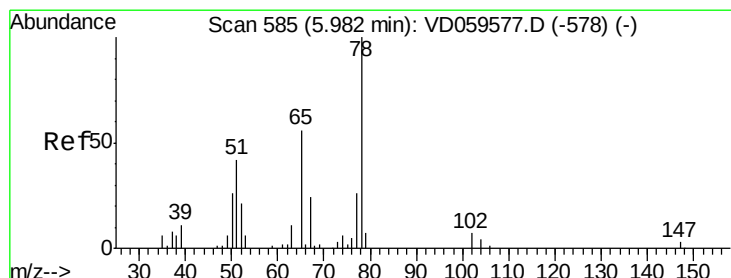
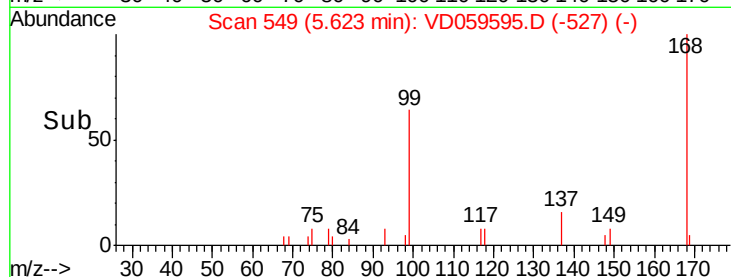
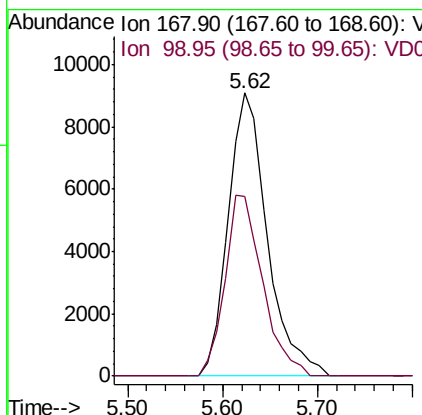
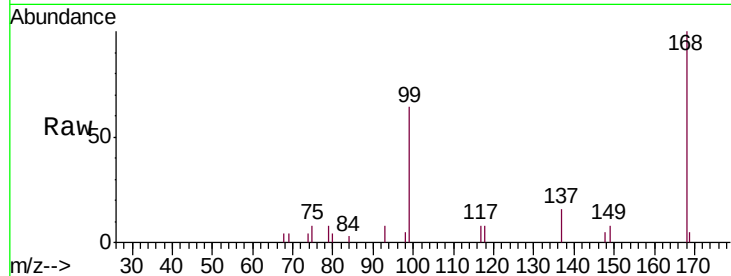




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.62 min Scan# 549
Delta R.T. 0.02 min
Lab File: VD059595.D
Acq: 25 Jul 2018 18:00

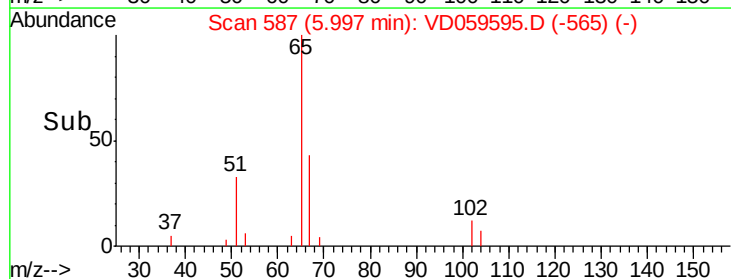
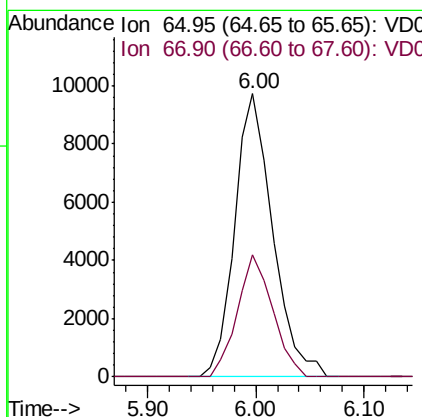
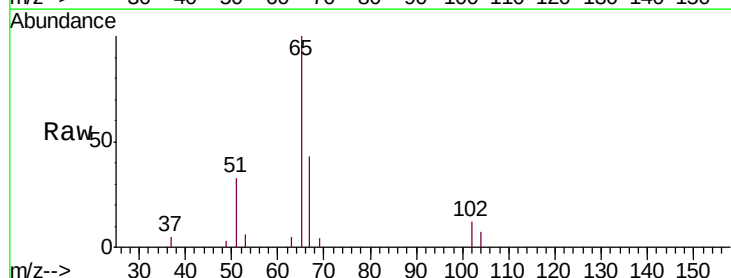
Instrument :
MSVOA_D
ClientSampleId :
KY030LC001-S-180716

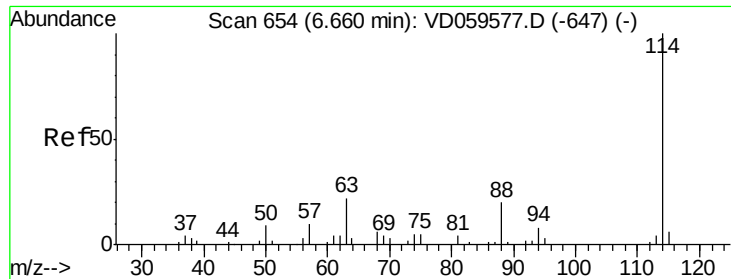
Tgt Ion:168 Resp: 25970
Ion Ratio Lower Upper
168 100
99 63.5 47.3 70.9



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.00 min Scan# 587
Delta R.T. 0.02 min
Lab File: VD059595.D
Acq: 25 Jul 2018 18:00

Tgt Ion: 65 Resp: 23746
Ion Ratio Lower Upper
65 100
67 43.0 0.0 86.4

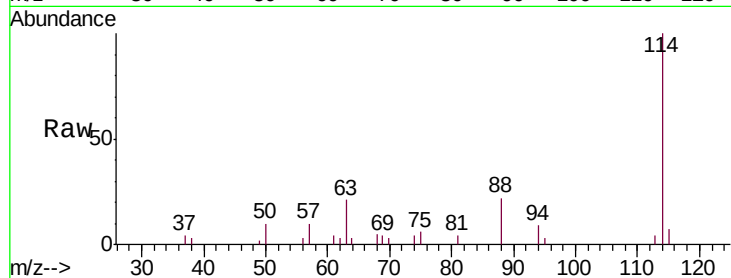




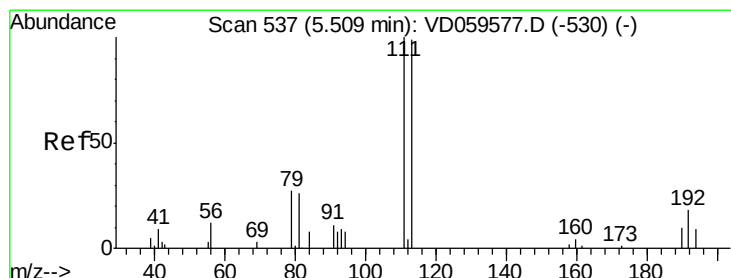
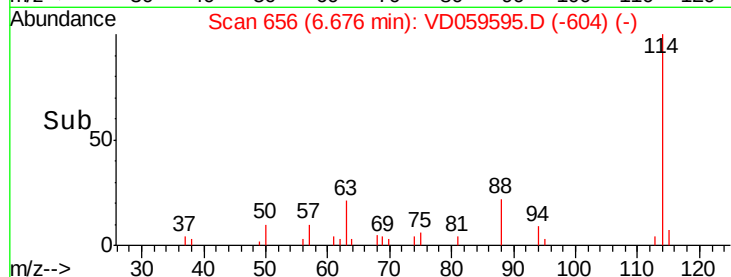
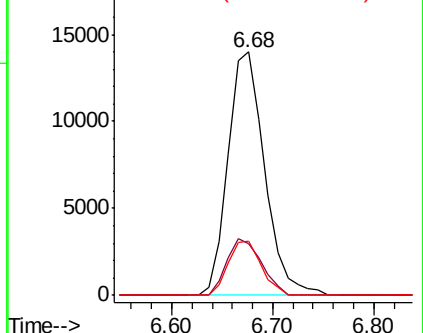
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.68 min Scan# 656
 Delta R.T. 0.02 min
 Lab File: VD059595.D
 Acq: 25 Jul 2018 18:00

Instrument :
 MSVOA_D
 ClientSampleId :
 KY030LC001-S-180716

Tgt Ion:114 Resp: 35354
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.8
 88 22.2 0.0 39.0

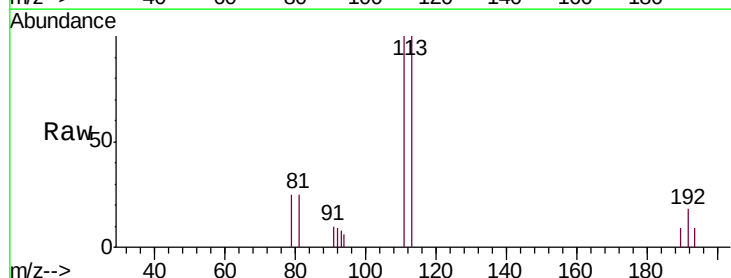


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

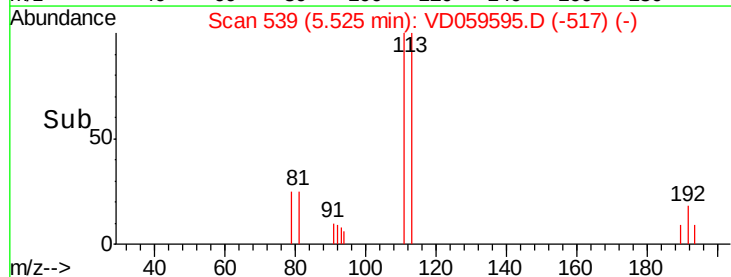
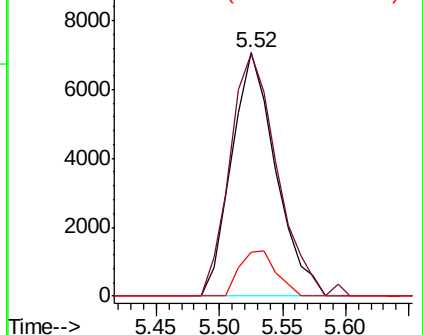


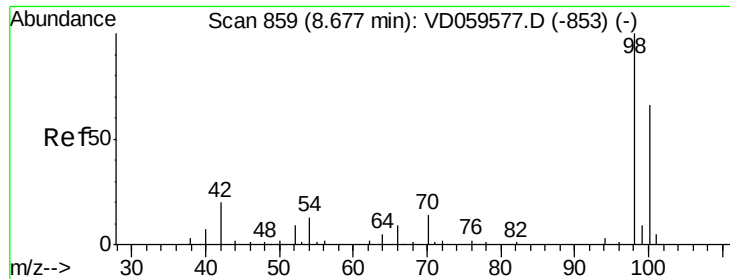
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.52 min Scan# 539
 Delta R.T. 0.02 min
 Lab File: VD059595.D
 Acq: 25 Jul 2018 18:00

Tgt Ion:113 Resp: 17129
 Ion Ratio Lower Upper
 113 100
 111 99.7 80.5 120.7
 192 18.1 14.5 21.7



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

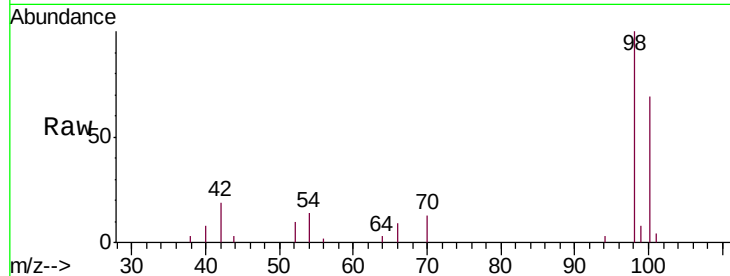




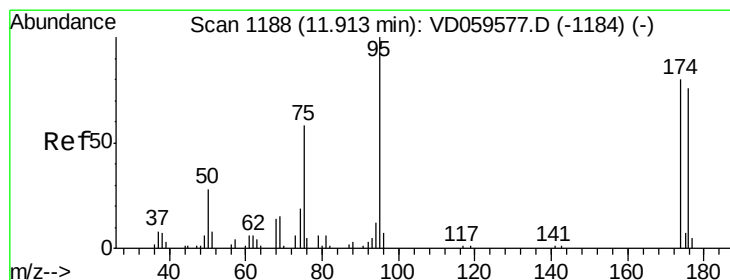
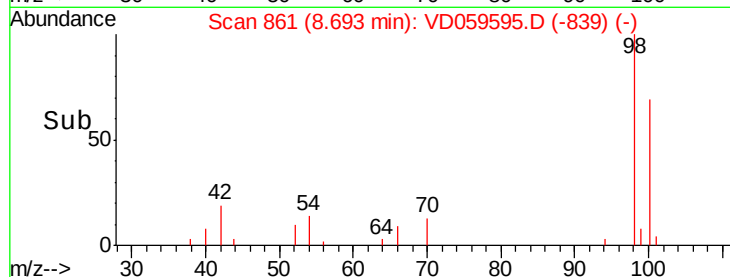
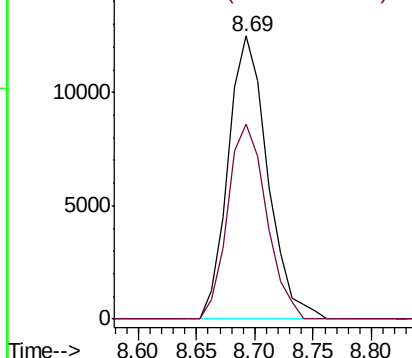
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.69 min Scan# 861
Delta R.T. 0.02 min
Lab File: VD059595.D
Acq: 25 Jul 2018 18:00

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion: 98 Resp: 29244
Ion Ratio Lower Upper
98 100
100 68.8 53.2 79.8

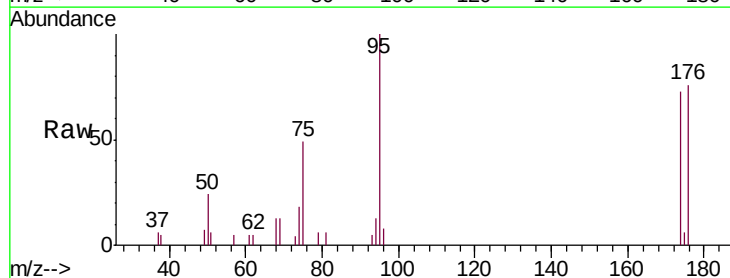


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

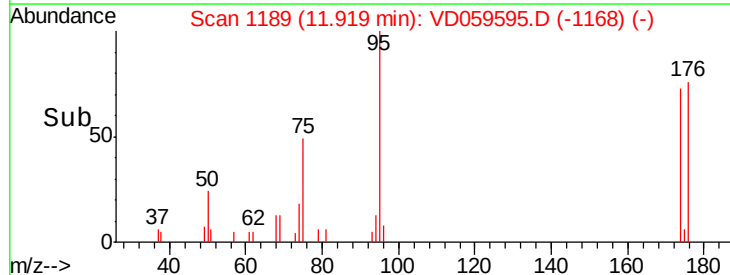
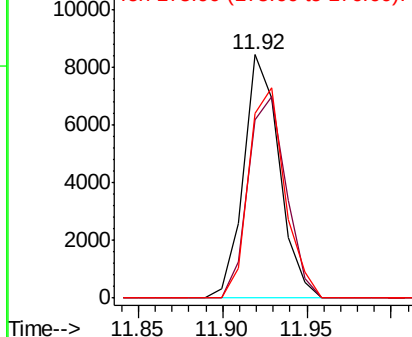


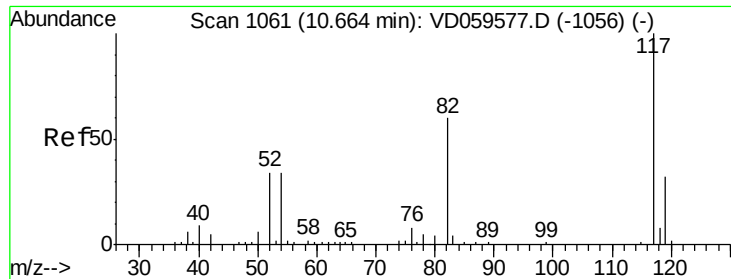
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1189
Delta R.T. 0.01 min
Lab File: VD059595.D
Acq: 25 Jul 2018 18:00

Tgt Ion: 95 Resp: 12336
Ion Ratio Lower Upper
95 100
174 73.0 0.0 160.6
176 76.1 0.0 152.8



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

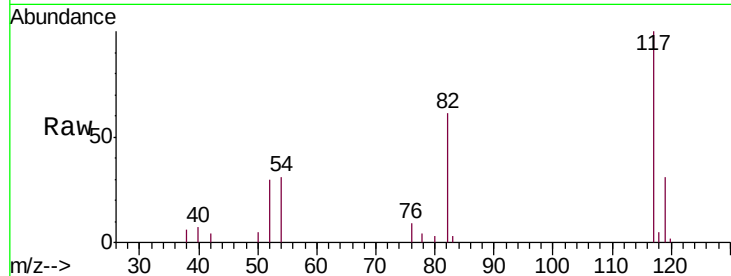




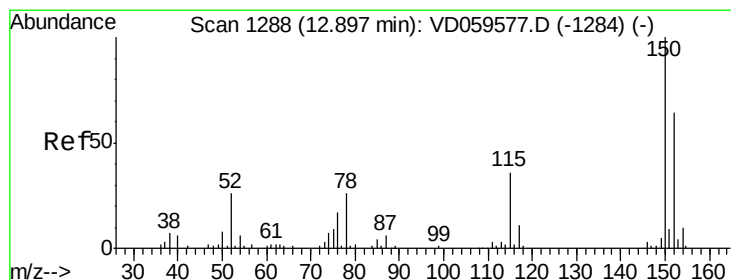
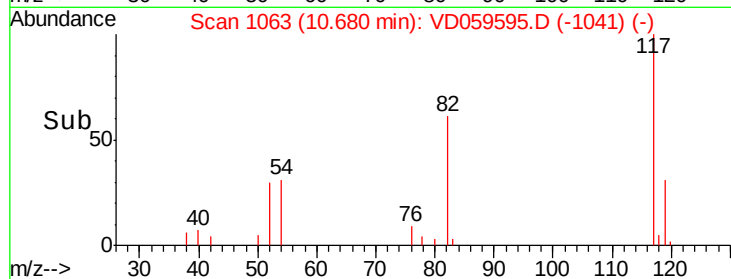
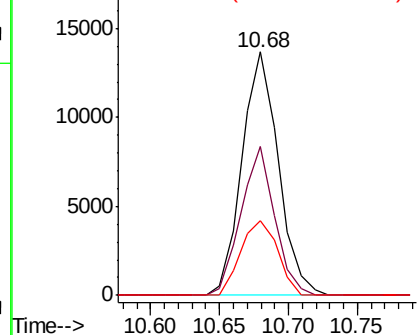
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.68 min Scan# 1063
Delta R.T. 0.02 min
Lab File: VD059595.D
Acq: 25 Jul 2018 18:00

Instrument :
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Tgt Ion:117 Resp: 25168
Ion Ratio Lower Upper
117 100
82 60.9 48.2 72.2
119 30.6 25.4 38.2

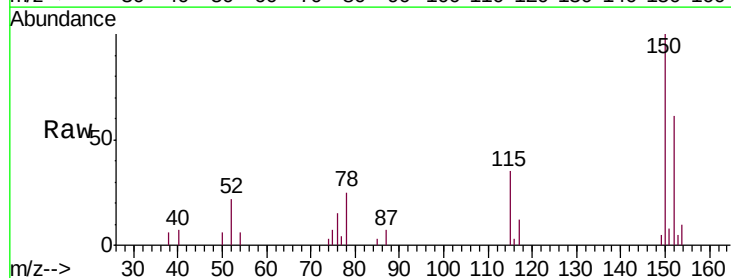


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.90 min Scan# 1289
Delta R.T. 0.01 min
Lab File: VD059595.D
Acq: 25 Jul 2018 18:00

Tgt Ion:152 Resp: 8922
Ion Ratio Lower Upper
152 100
115 57.8 29.5 88.6
150 165.0 0.0 314.4



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

