

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073018\
 Data File : VD059641.D
 Acq On : 31 Jul 2018 1:59
 Operator : VA/AP
 Sample : J3831-03
 Misc : 5.74g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-03-072718

Quant Time: Jul 31 05:20:05 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

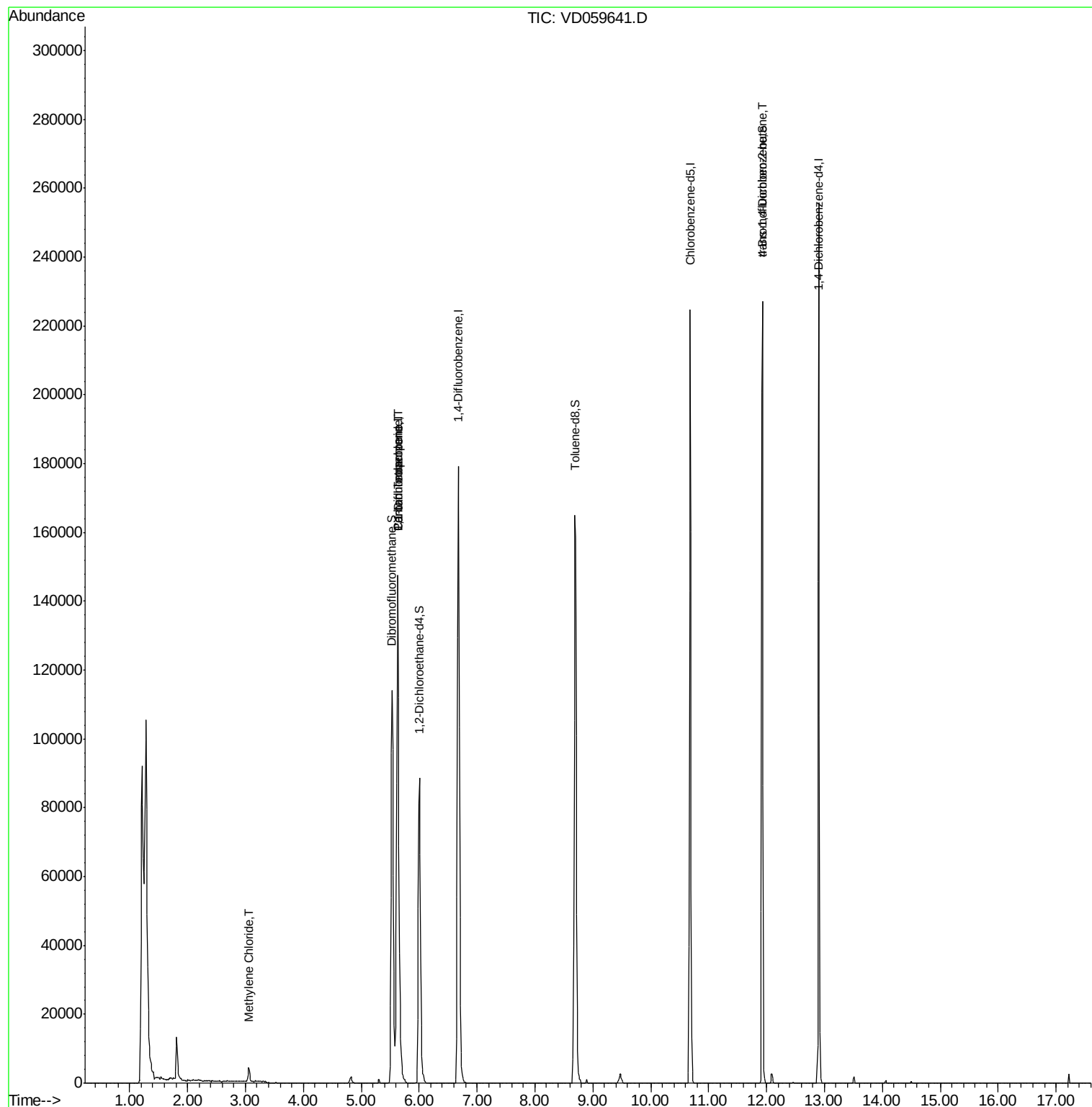
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	134558	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.67	114	171685	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.68	117	110370	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.90	152	49380	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	101096	59.76	ug/l	0.02
Spiked Amount 50.000			Recovery	=	119.52%	
35) Dibromofluoromethane	5.53	113	89042	60.46	ug/l	0.02
Spiked Amount 50.000			Recovery	=	120.92%	
50) Toluene-d8	8.70	98	137028	41.02	ug/l	0.02
Spiked Amount 50.000			Recovery	=	82.04%	
62) 4-Bromofluorobenzene	11.93	95	66309	44.06	ug/l	0.01
Spiked Amount 50.000			Recovery	=	88.12%	
Target Compounds						
20) Methylene Chloride	3.05	84	1820	2.50	ug/l	91
31) Cyclohexane	5.63	56	3434	Below Cal	#	11
36) 1,1-Dichloropropene	5.63	75	12061	7.00	ug/l	# 52
38) Carbon Tetrachloride	5.63	117	13798	5.85	ug/l	# 14
81) trans-1,4-Dichloro-2-buten	11.93	75	36254	173.65	ug/l	# 1

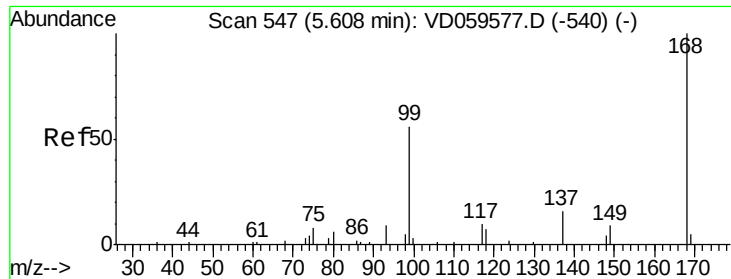
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD073018\
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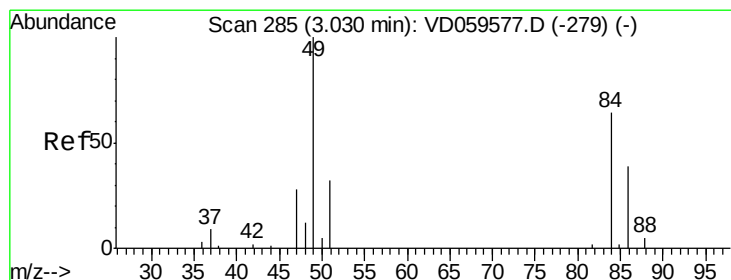
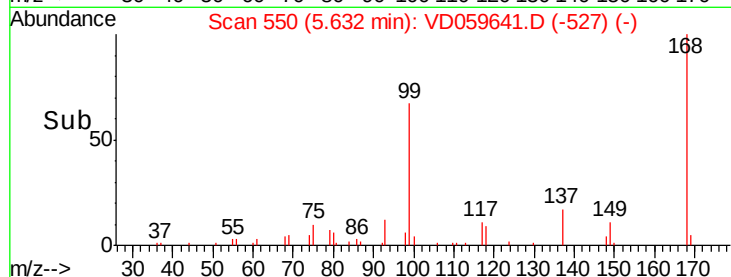
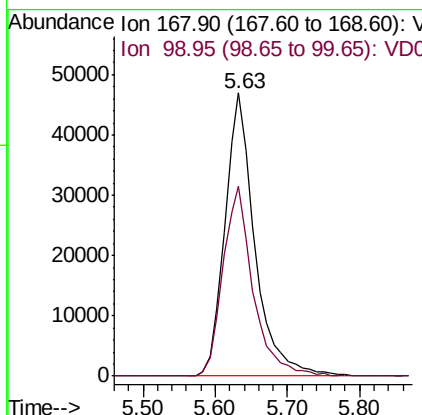
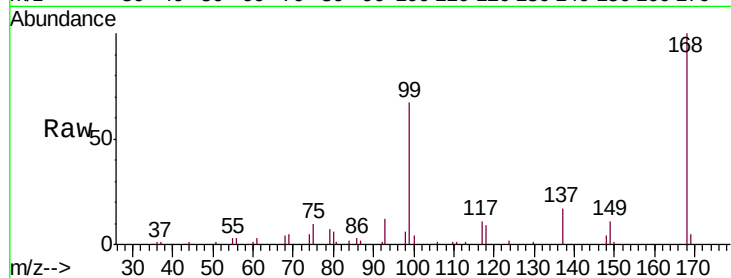




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.63 min Scan# 550
Delta R.T. 0.02 min
Lab File: VD059641.D
Acq: 31 Jul 2018 1:59

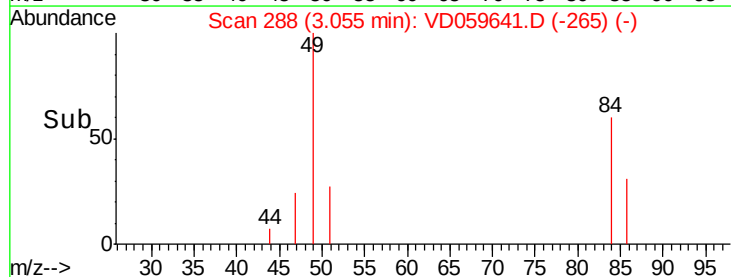
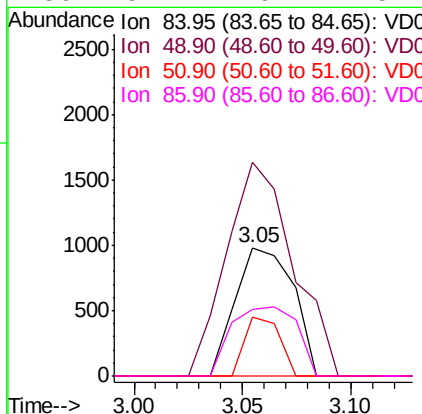
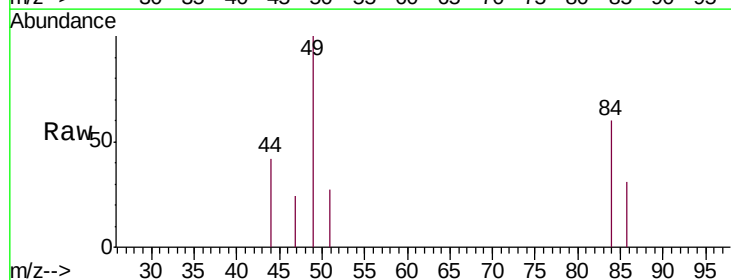
Instrument :
MSVOA_D
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SU-03-072718

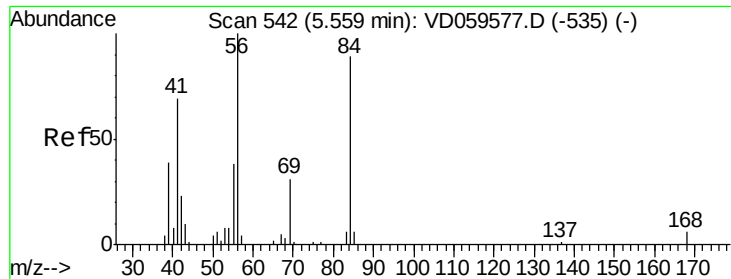
Tot Ion:168 Resp: 134558
Ion Ratio Lower Upper
168 100
99 67.0 47.3 70.9



#20
Methylene Chloride
Concen: 2.50 ug/l
RT: 3.05 min Scan# 288
Delta R.T. 0.02 min
Lab File: VD059641.D
Acq: 31 Jul 2018 1:59

Tgt Ion: 84 Resp: 1820
Ion Ratio Lower Upper
84 100
49 166.9 125.4 188.2
51 45.7 39.7 59.5
86 51.7 49.1 73.7

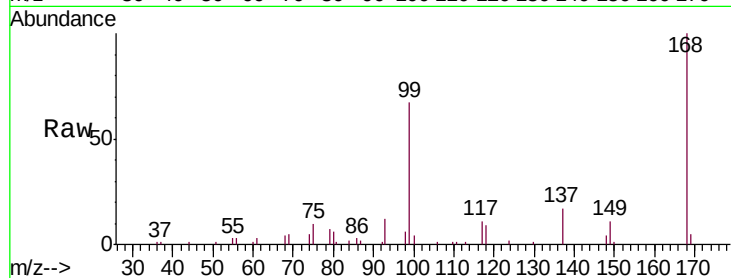




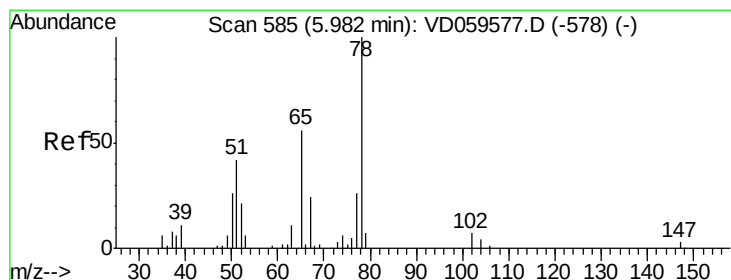
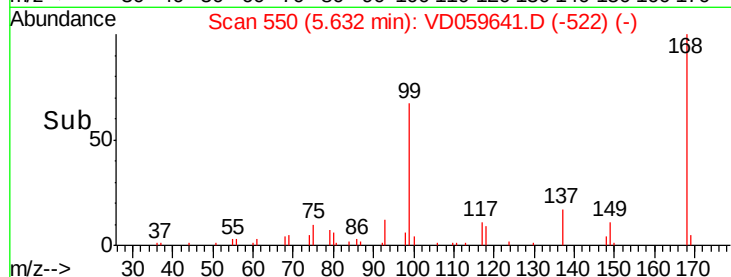
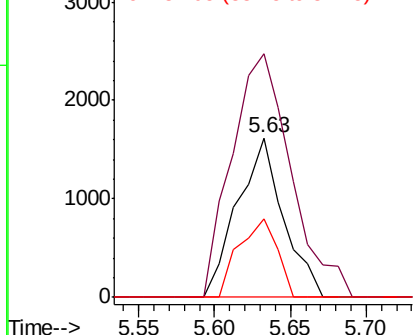
#31
Cyclohexane
Concen: Below Cal
RT: 5.63 min Scan# 550
Delta R.T. 0.07 min
Lab File: VD059641.D
Acq: 31 Jul 2018 1:59

Instrument :
MSVOA_D
ClientSampleId :
SU-03-072718

Tot Ion: 56 Resp: 3434
Ion Ratio Lower Upper
56 100
69 152.6 24.6 37.0#
84 48.9 72.7 109.1#

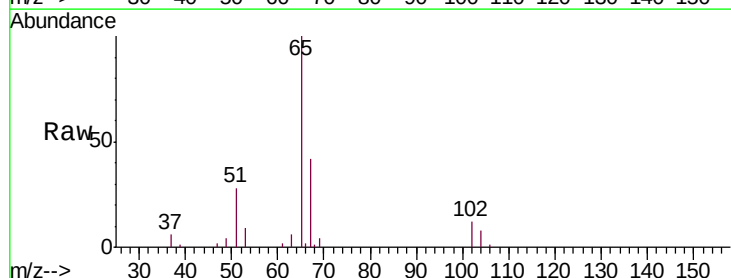


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

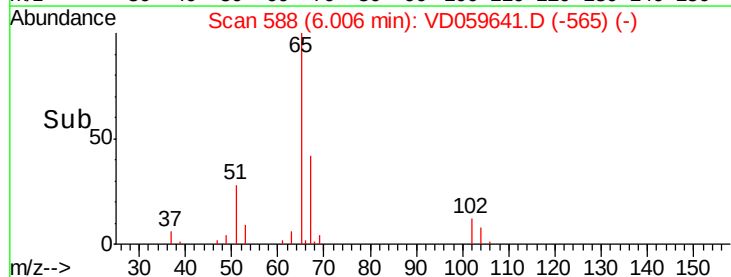
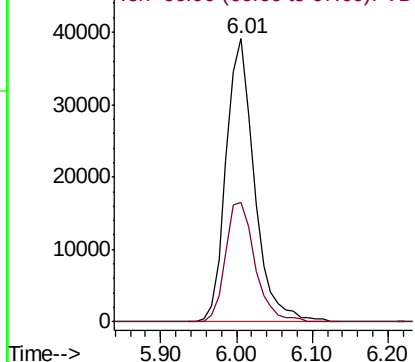


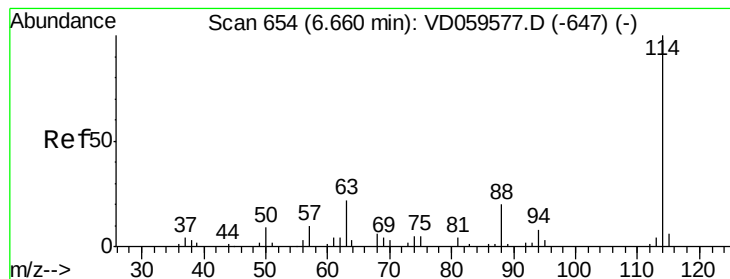
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.01 min Scan# 588
Delta R.T. 0.02 min
Lab File: VD059641.D
Acq: 31 Jul 2018 1:59

Tgt Ion: 65 Resp: 101096
Ion Ratio Lower Upper
65 100
67 42.2 0.0 86.4



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: 6.67 min Scan# 656

Delta R.T. 0.01 min

Lab File: VD059641.D

Acq: 31 Jul 2018 1:59

Instrument :

MSVOA_D

ClientSampleId :

SU-03-072718

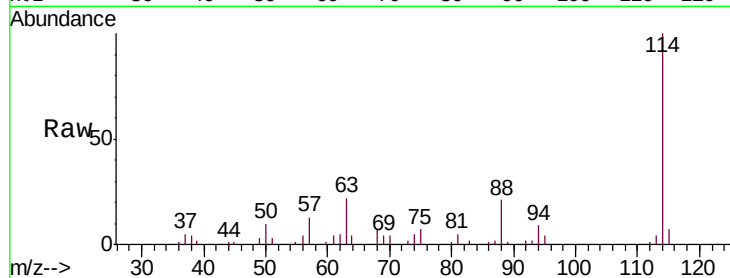
Tot Ion:114 Resp: 171685

Ion Ratio Lower Upper

114 100

63 22.4 0.0 43.8

88 20.9 0.0 39.0

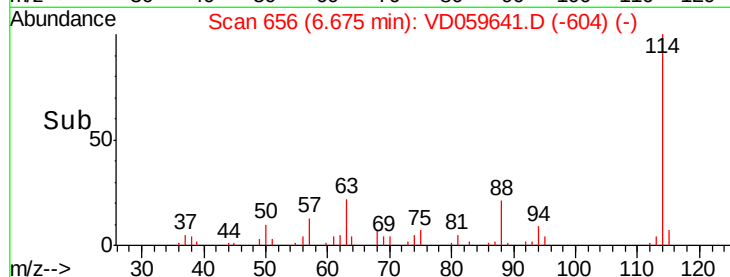


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

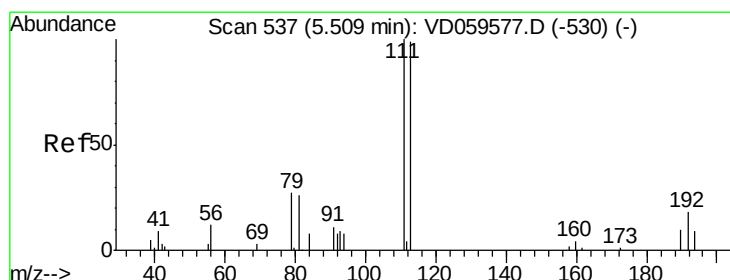
Ion 87.90 (87.60 to 88.60): V

Time-->



6.67

Time-->



#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.53 min Scan# 540

Delta R.T. 0.02 min

Lab File: VD059641.D

Acq: 31 Jul 2018 1:59

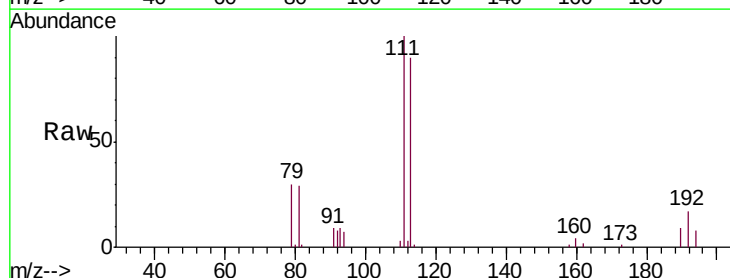
Tgt Ion:113 Resp: 89042

Ion Ratio Lower Upper

113 100

111 111.5 80.5 120.7

192 18.6 14.5 21.7

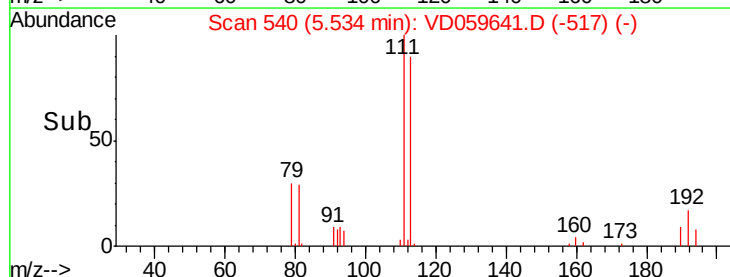


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

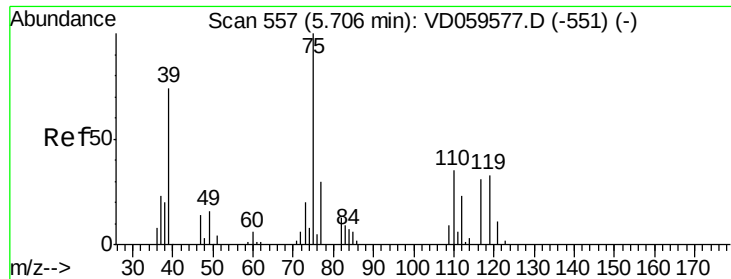
Ion 191.80 (191.50 to 192.50): V

Time-->



5.53

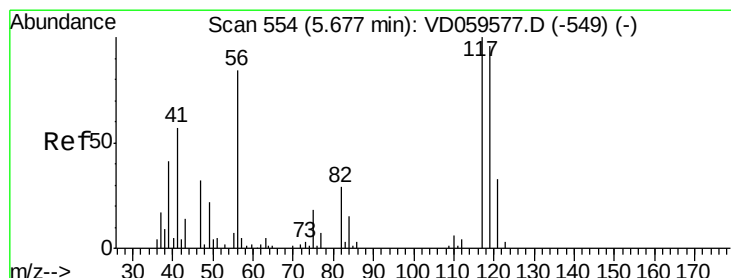
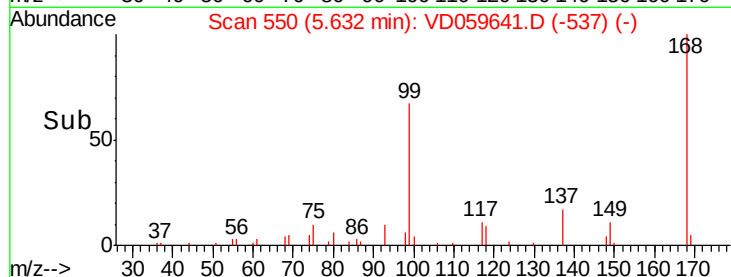
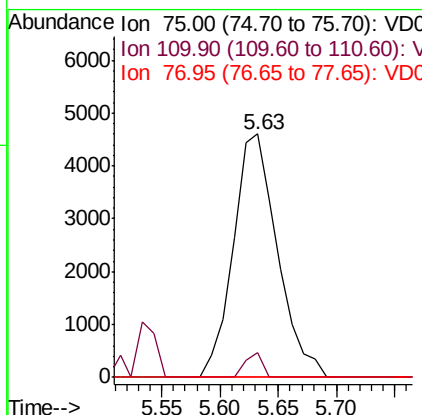
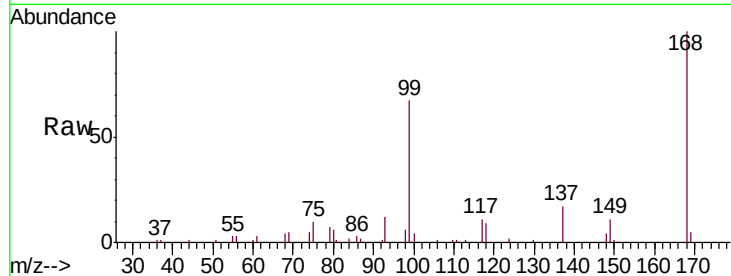
Time-->



#36
 1,1-Dichloropropene
 Concen: 7.00 ug/l
 RT: 5.63 min Scan# 550
 Delta R.T. -0.07 min
 Lab File: VD059641.D
 Acq: 31 Jul 2018 1:59

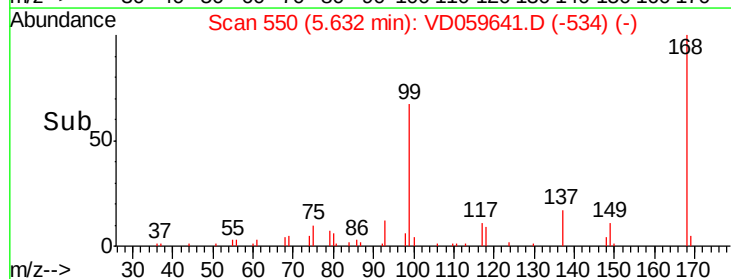
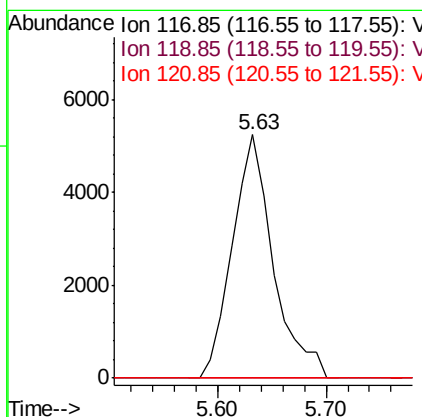
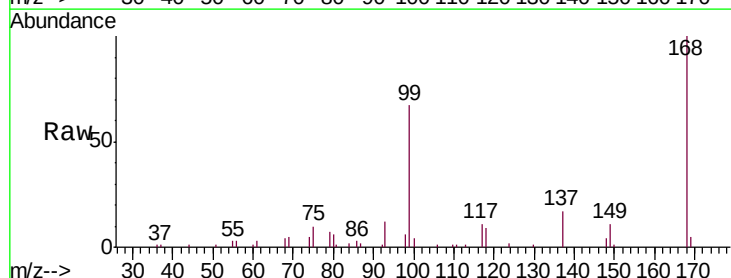
Instrument :
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 SU-03-072718

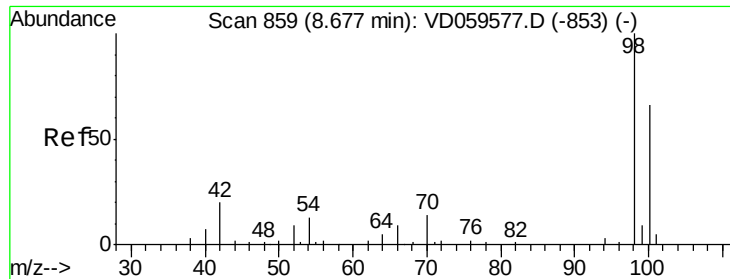
Tot Ion: 75 Resp: 12061
 Ion Ratio Lower Upper
 75 100
 110 10.4 17.0 50.9#
 77 0.0 23.6 35.4#



#38
 Carbon Tetrachloride
 Concen: 5.85 ug/l
 RT: 5.63 min Scan# 550
 Delta R.T. -0.04 min
 Lab File: VD059641.D
 Acq: 31 Jul 2018 1:59

Tgt Ion: 117 Resp: 13798
 Ion Ratio Lower Upper
 117 100
 119 0.0 73.6 110.4#
 121 0.0 25.0 37.6#

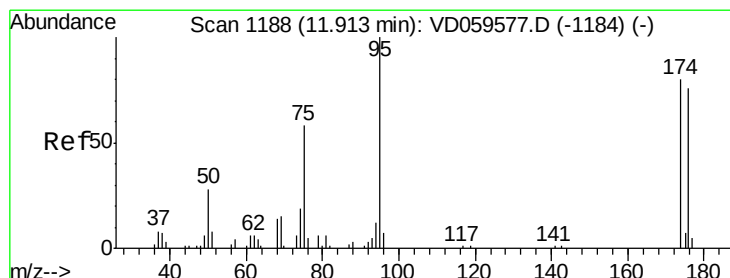
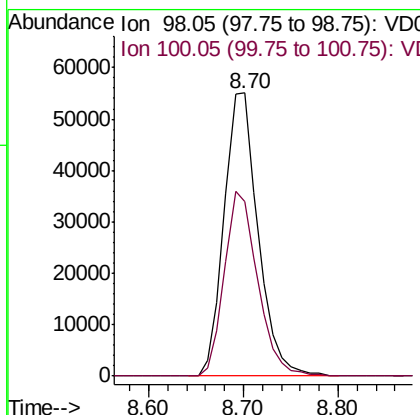
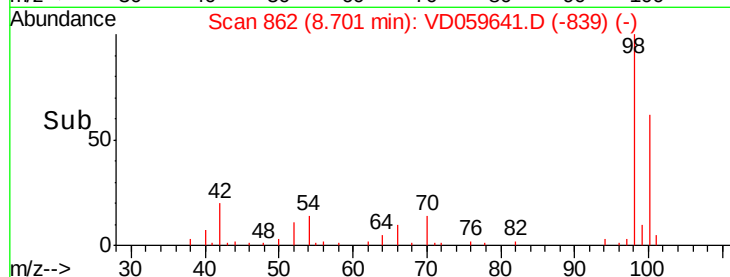
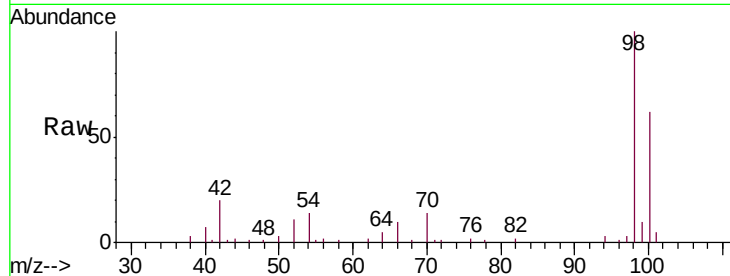




#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 862
Delta R.T. 0.02 min
Lab File: VD059641.D
Acq: 31 Jul 2018 1:59

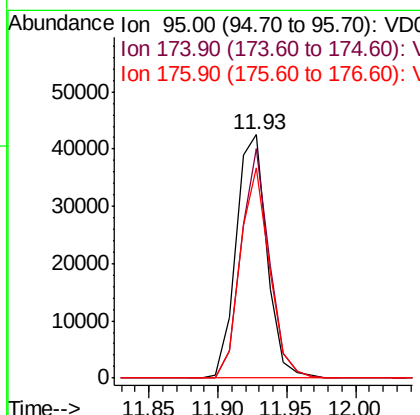
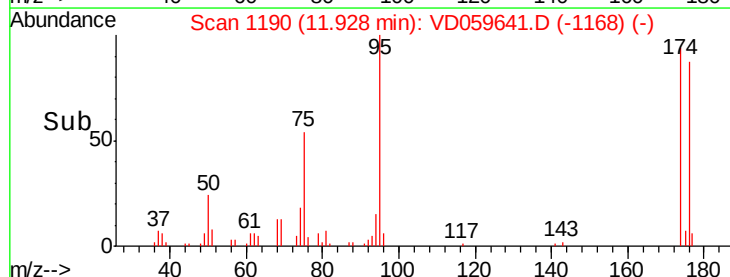
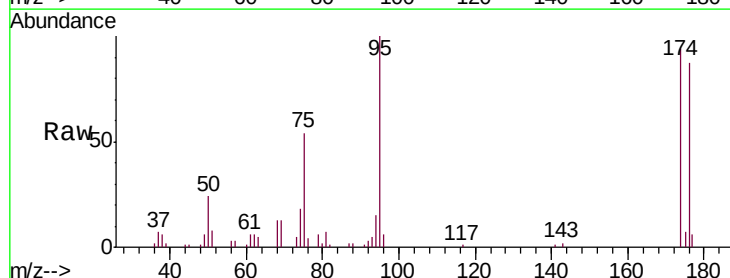
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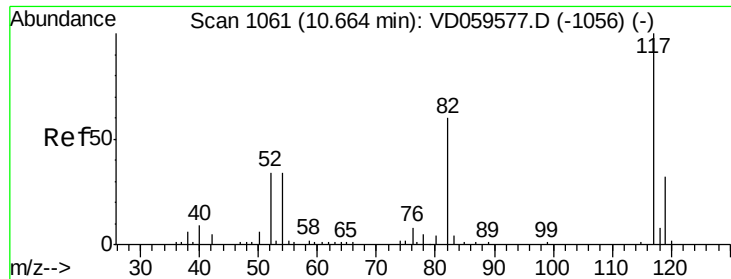
Tot Ion: 98 Resp: 137028
Ion Ratio Lower Upper
98 100
100 61.7 53.2 79.8



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1190
Delta R.T. 0.01 min
Lab File: VD059641.D
Acq: 31 Jul 2018 1:59

Tgt Ion: 95 Resp: 66309
Ion Ratio Lower Upper
95 100
174 94.0 0.0 160.6
176 86.6 0.0 152.8

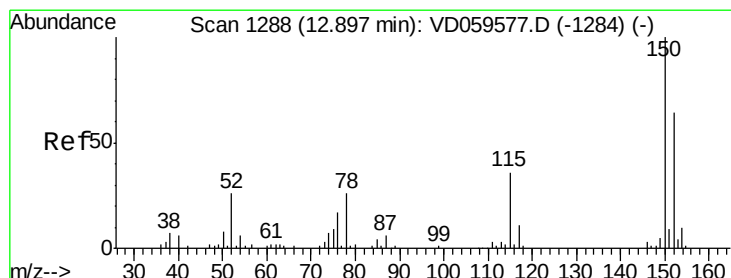
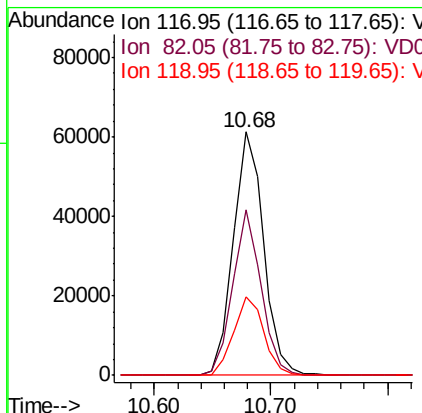
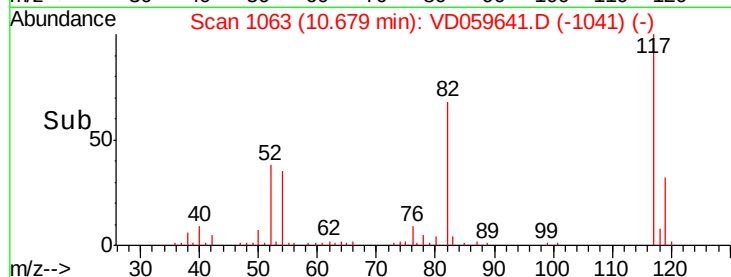
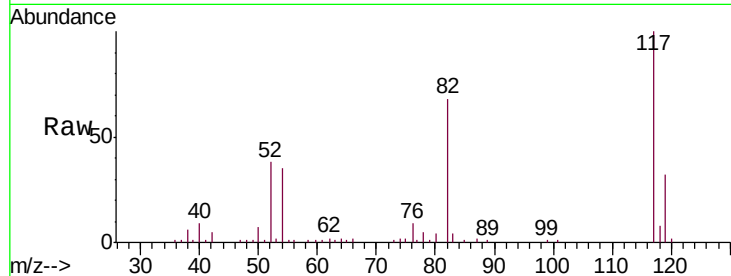




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1063
Delta R.T. 0.01 min
Lab File: VD059641.D
Acq: 31 Jul 2018 1:59

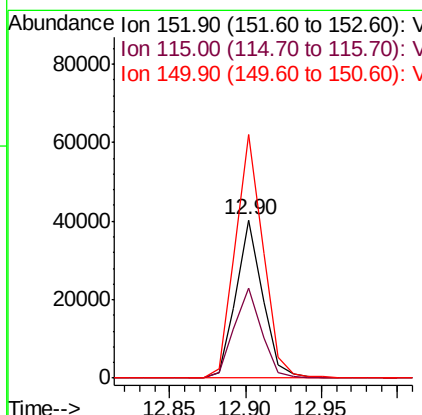
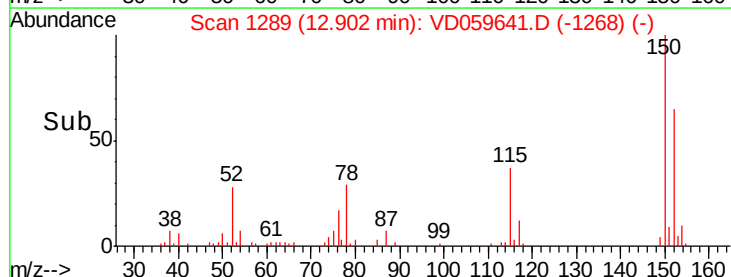
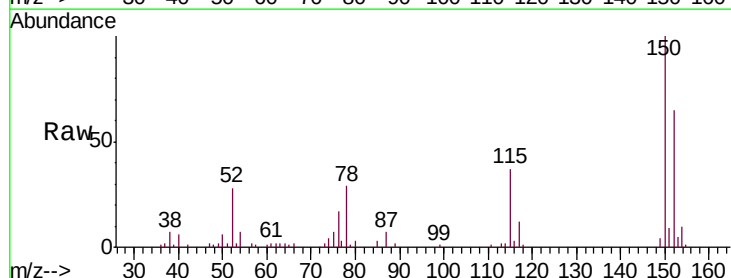
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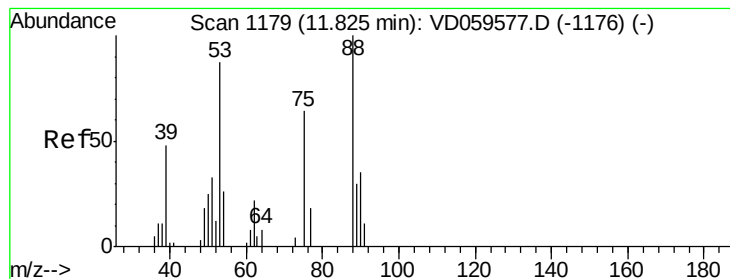
Tot Ion:117 Resp: 110370
Ion Ratio Lower Upper
117 100
82 67.7 48.2 72.2
119 32.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.90 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VD059641.D
Acq: 31 Jul 2018 1:59

Tgt Ion:152 Resp: 49380
Ion Ratio Lower Upper
152 100
115 57.3 29.5 88.6
150 154.2 0.0 314.4





#81

trans-1,4-Dichloro-2-butene

Concen: 173.65 ug/l

RT: 11.93 min Scan# 1190

Delta R.T. 0.10 min

Lab File: VD059641.D

Acq: 31 Jul 2018 1:59

Instrument :

MSVOA_D

ClientSampleId :

SU-03-072718

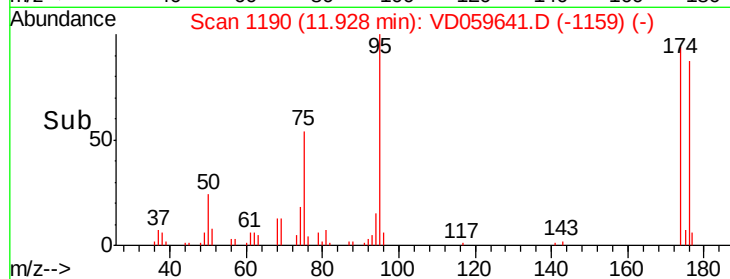
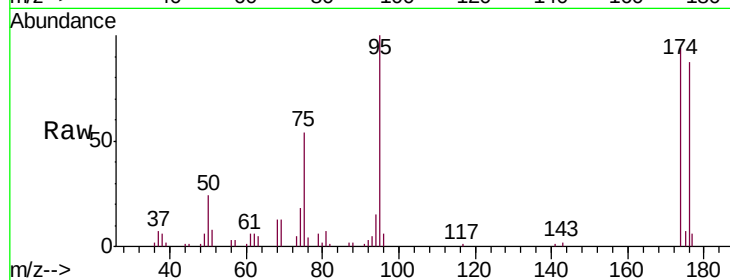
Tot Ion: 75 Resp: 36254

Ion Ratio Lower Upper

75 100

53 0.0 107.7 161.5#

89 0.0 37.3 55.9#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

