

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072518\
 Data File : VD059589.D
 Acq On : 25 Jul 2018 15:05
 Operator : VA/AP
 Sample : J4104-03
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DUP-0493-180719

Quant Time: Jul 26 04:28:30 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

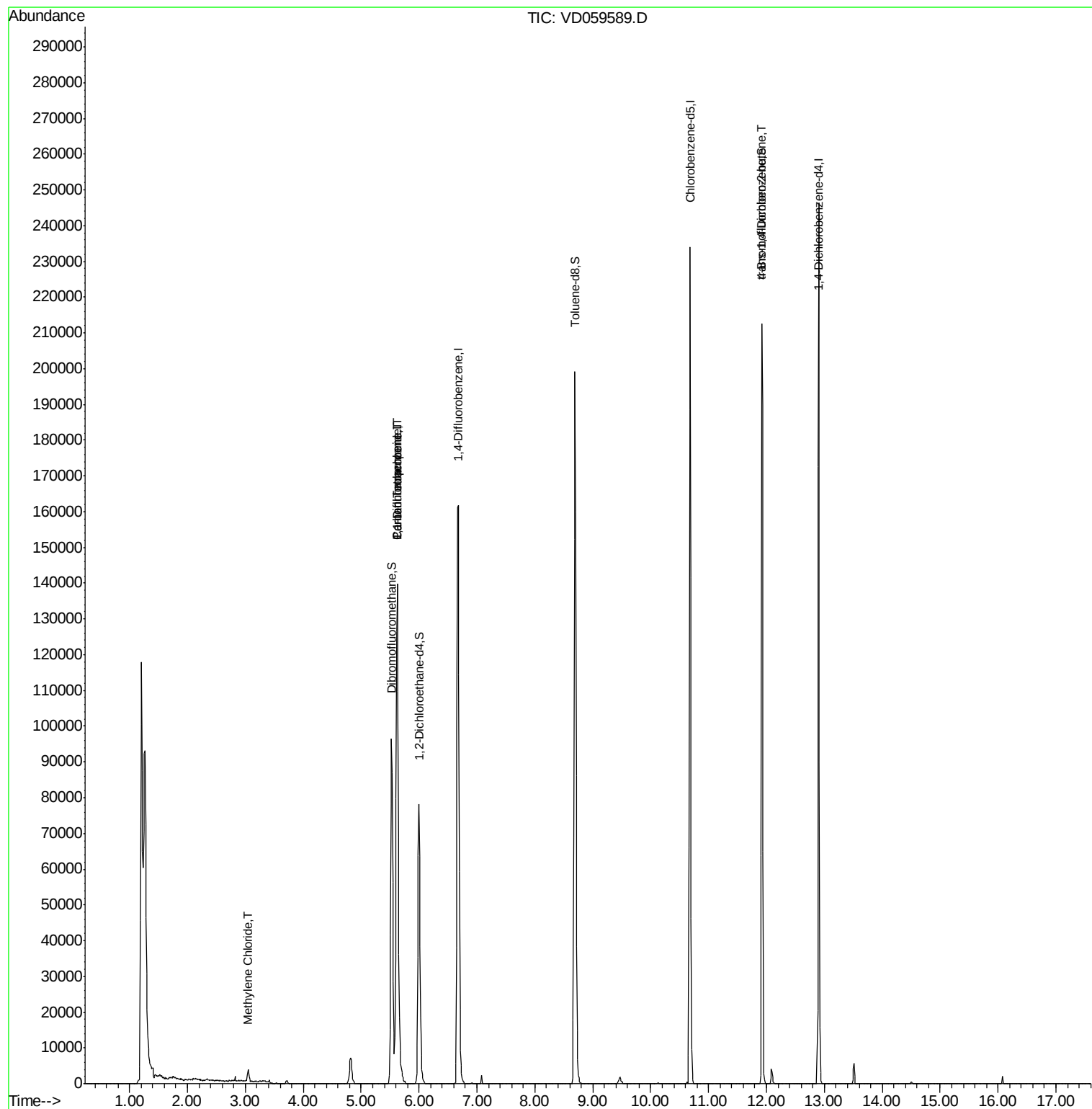
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	130232	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.68	114	164495	50.00	ug/l	0.02
63) Chlorobenzene-d5	10.68	117	122895	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.90	152	51886	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.00	65	86074	52.57	ug/l	0.02
Spiked Amount 50.000			Recovery	=	105.14%	
35) Dibromofluoromethane	5.52	113	77229	54.73	ug/l	0.02
Spiked Amount 50.000			Recovery	=	109.46%	
50) Toluene-d8	8.69	98	157778	49.29	ug/l	0.02
Spiked Amount 50.000			Recovery	=	98.58%	
62) 4-Bromofluorobenzene	11.92	95	62228	43.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.32%	
Target Compounds						
20) Methylene Chloride	3.06	84	1398	1.98	ug/l	89
31) Cyclohexane	5.61	56	2720	Below Cal	#	1
36) 1,1-Dichloropropene	5.62	75	11339	6.87	ug/l #	52
38) Carbon Tetrachloride	5.62	117	12060	5.34	ug/l #	14
81) trans-1,4-Dichloro-2-buten	11.92	75	34370	156.67	ug/l #	1

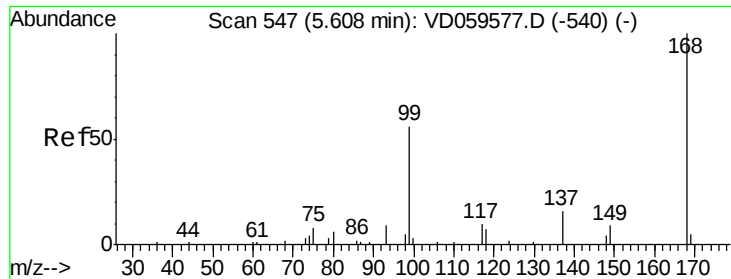
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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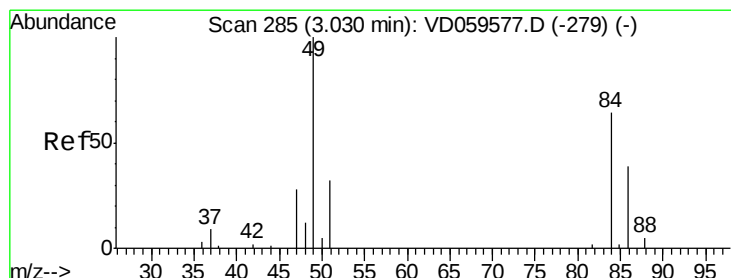
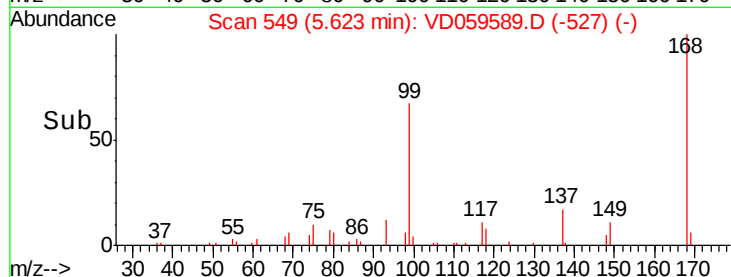
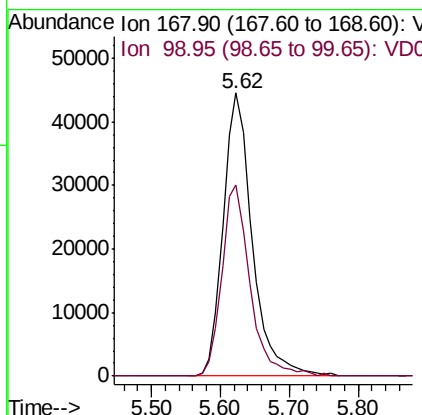
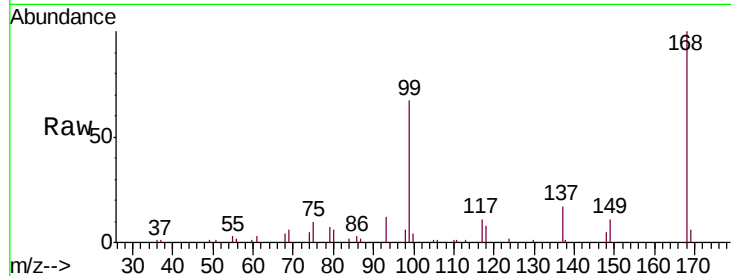




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.62 min Scan# 549
Delta R.T. 0.02 min
Lab File: VD059589.D
Acq: 25 Jul 2018 15:05

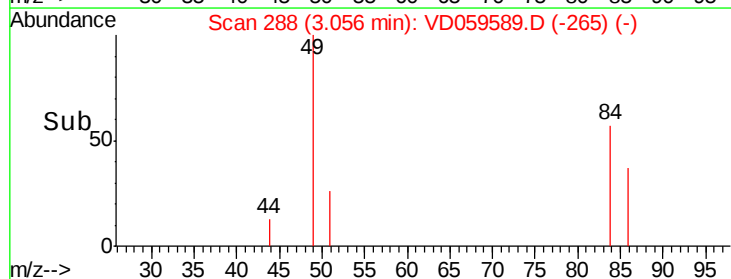
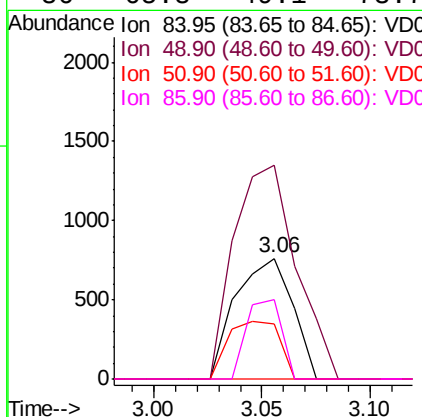
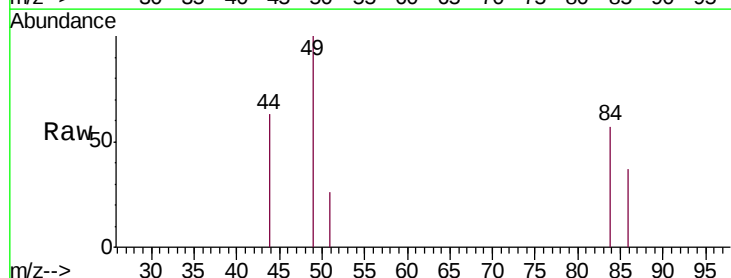
Instrument :
MSVOA_D
ClientSampleId :
DUP-0493-180719

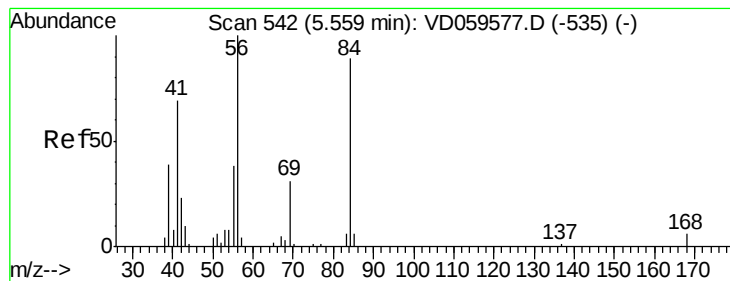
Tot Ion:168 Resp: 130232
Ion Ratio Lower Upper
168 100
99 67.5 47.3 70.9



#20
Methylene Chloride
Concen: 1.98 ug/l
RT: 3.06 min Scan# 288
Delta R.T. 0.03 min
Lab File: VD059589.D
Acq: 25 Jul 2018 15:05

Tgt Ion: 84 Resp: 1398
Ion Ratio Lower Upper
84 100
49 176.6 125.4 188.2
51 45.9 39.7 59.5
86 65.8 49.1 73.7





#31

Cyclohexane

Concen: Below Cal

RT: 5.61 min Scan# 548

Delta R.T. 0.06 min

Lab File: VD059589.D

Acq: 25 Jul 2018 15:05

Instrument :

MSVOA_D

ClientSampleId :

DUP-0493-180719

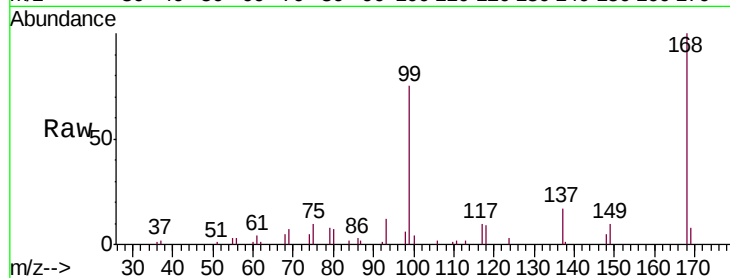
Tot Ion: 56 Resp: 2720

Ion Ratio Lower Upper

56 100

69 219.7 24.6 37.0#

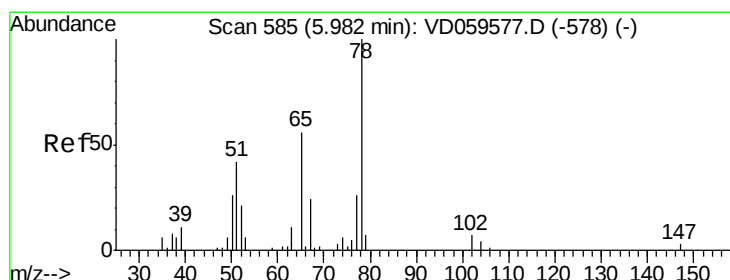
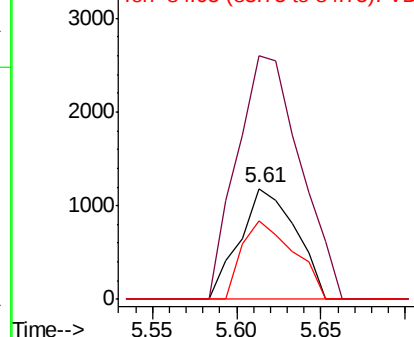
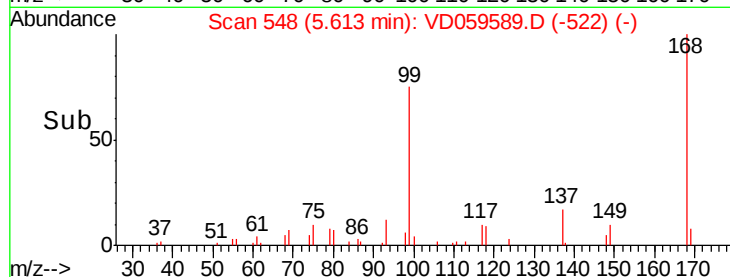
84 70.3 72.7 109.1#



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: 6.00 min Scan# 587

Delta R.T. 0.02 min

Lab File: VD059589.D

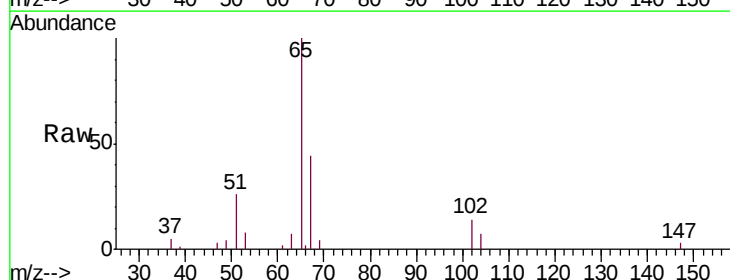
Acq: 25 Jul 2018 15:05

Tgt Ion: 65 Resp: 86074

Ion Ratio Lower Upper

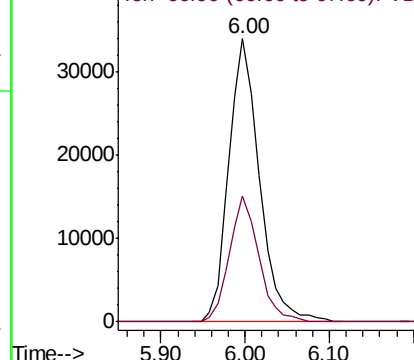
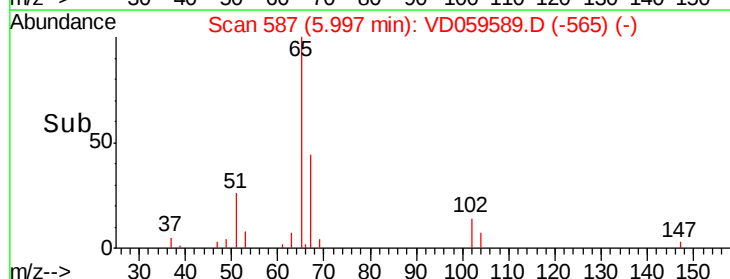
65 100

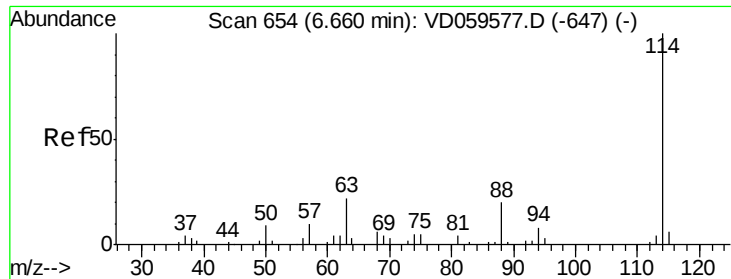
67 44.3 0.0 86.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

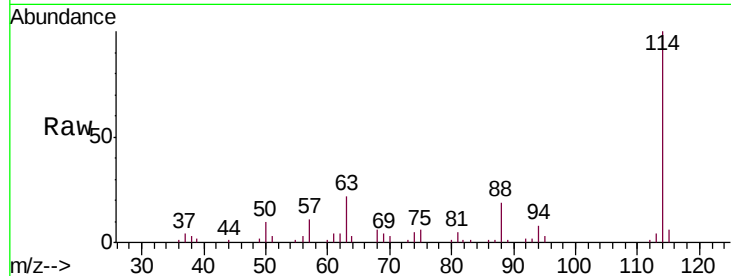




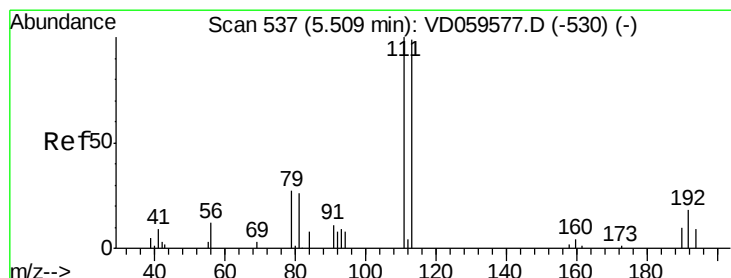
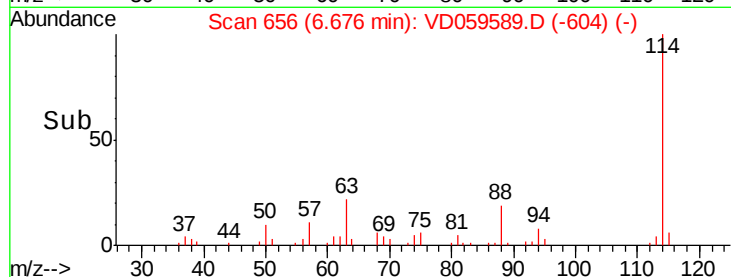
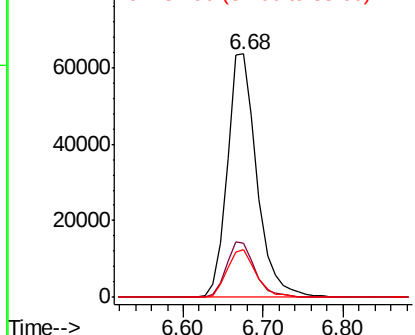
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.68 min Scan# 656
 Delta R.T. 0.02 min
 Lab File: VD059589.D
 Acq: 25 Jul 2018 15:05

Instrument :
 MSVOA_D
 ClientSampleId :
 DUP-0493-180719

Tot Ion:114 Resp: 164495
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 43.8
 88 19.4 0.0 39.0

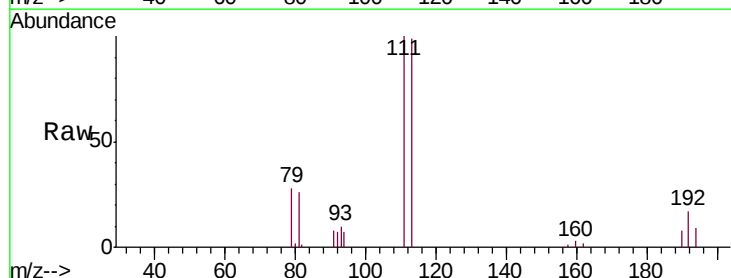


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

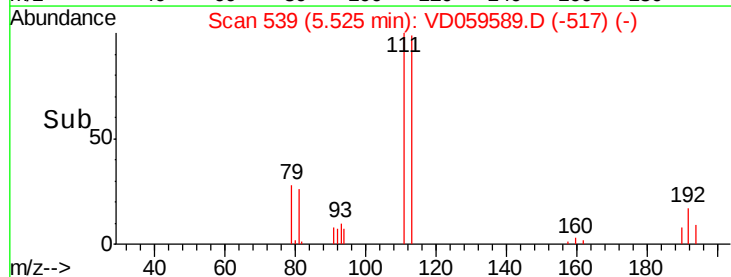
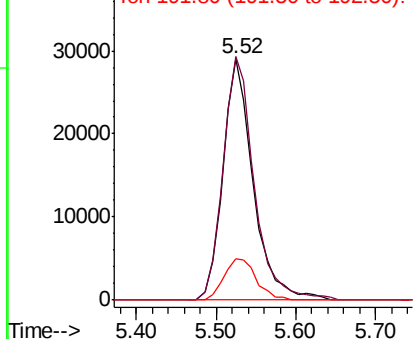


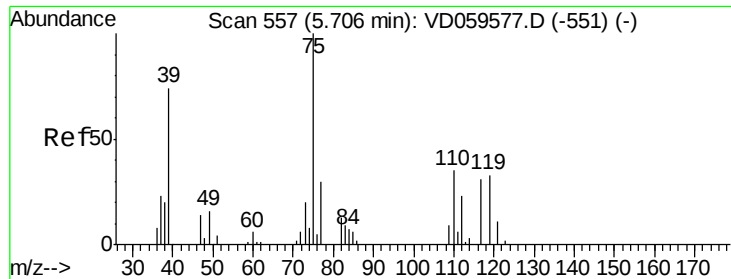
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.52 min Scan# 539
 Delta R.T. 0.02 min
 Lab File: VD059589.D
 Acq: 25 Jul 2018 15:05

Tgt Ion:113 Resp: 77229
 Ion Ratio Lower Upper
 113 100
 111 100.8 80.5 120.7
 192 17.0 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

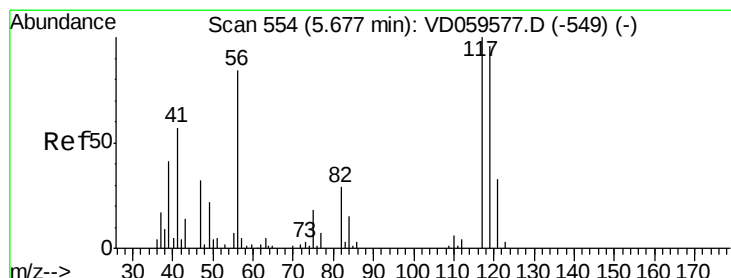
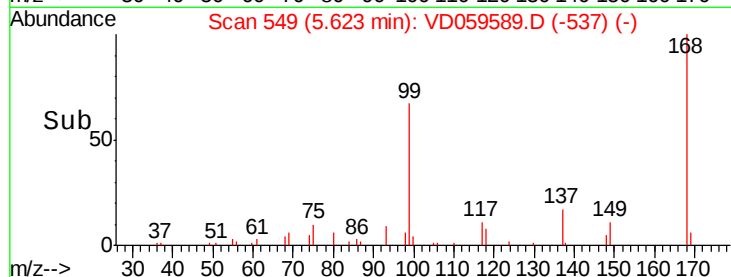
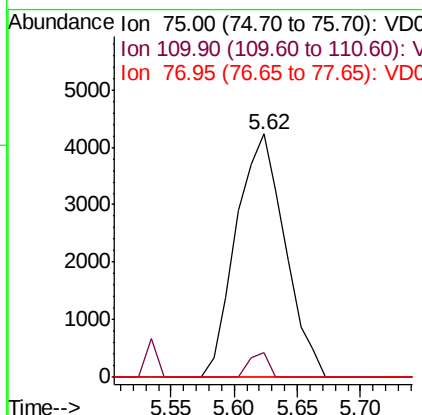
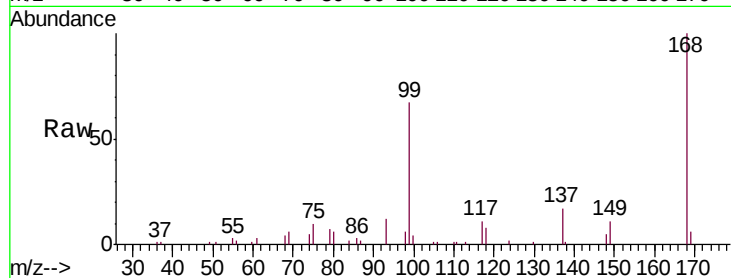




#36
 1,1-Dichloropropene
 Concen: 6.87 ug/l
 RT: 5.62 min Scan# 549
 Delta R.T. -0.08 min
 Lab File: VD059589.D
 Acq: 25 Jul 2018 15:05

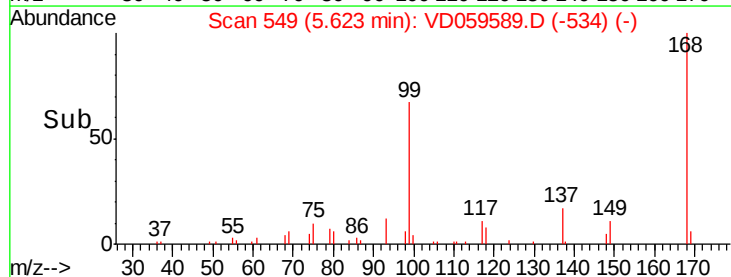
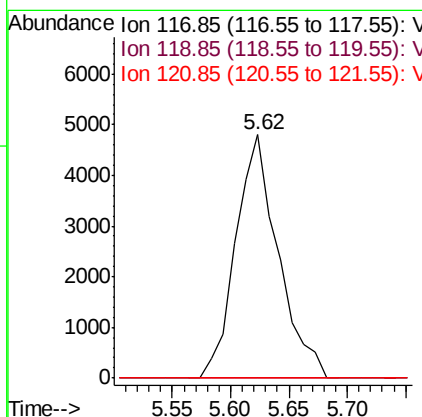
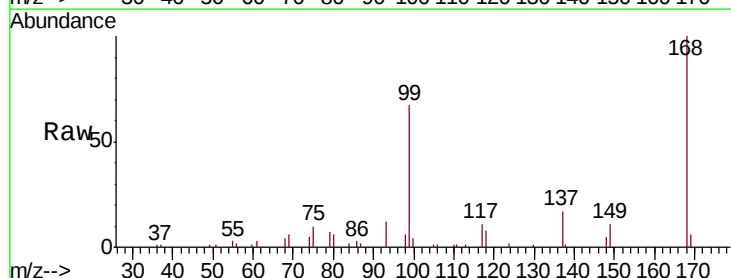
Instrument :
 MSVOA_D
 ClientSampleId :
 DUP-0493-180719

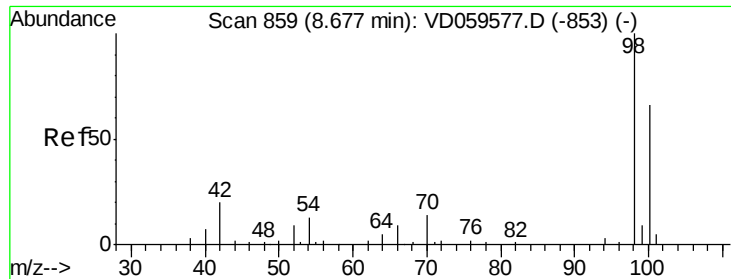
Tot Ion: 75 Resp: 11339
 Ion Ratio Lower Upper
 75 100
 110 10.0 17.0 50.9#
 77 0.0 23.6 35.4#



#38
 Carbon Tetrachloride
 Concen: 5.34 ug/l
 RT: 5.62 min Scan# 549
 Delta R.T. -0.05 min
 Lab File: VD059589.D
 Acq: 25 Jul 2018 15:05

Tgt Ion: 117 Resp: 12060
 Ion Ratio Lower Upper
 117 100
 119 0.0 73.6 110.4#
 121 0.0 25.0 37.6#

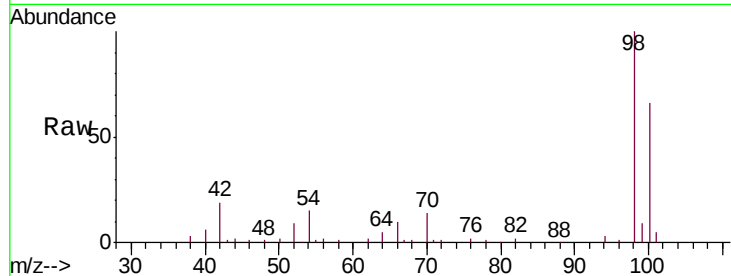




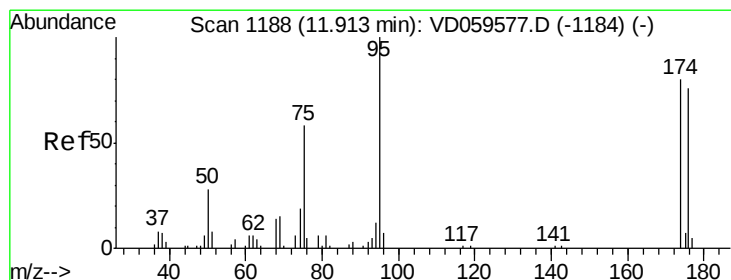
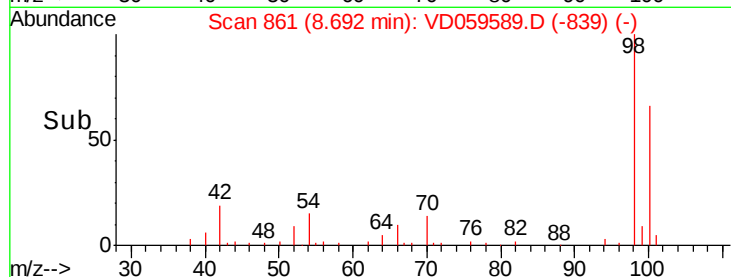
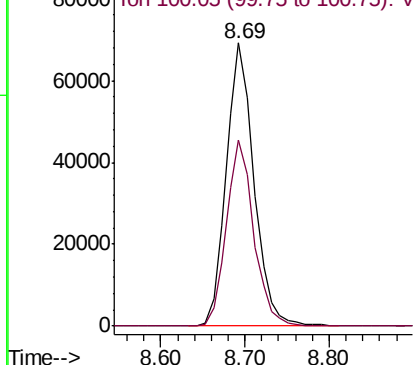
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.69 min Scan# 861
Delta R.T. 0.02 min
Lab File: VD059589.D
Acq: 25 Jul 2018 15:05

Instrument :
MSVOA_D
ClientSampleId :
DUP-0493-180719

Tot Ion: 98 Resp: 157778
Ion Ratio Lower Upper
98 100
100 65.8 53.2 79.8

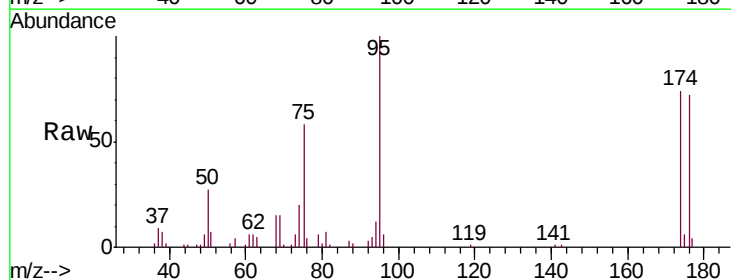


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

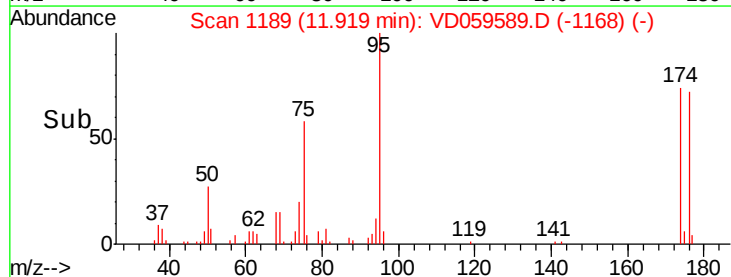
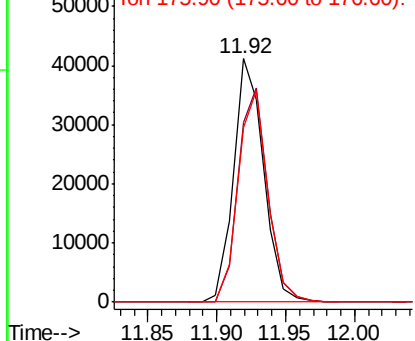


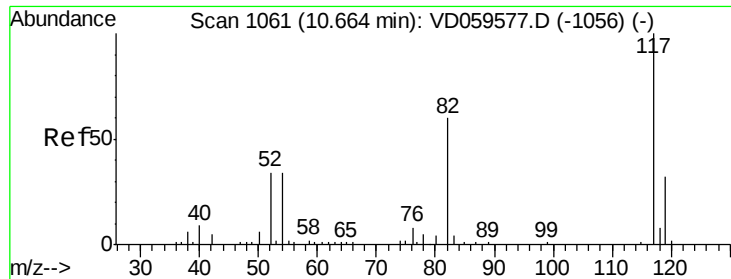
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1189
Delta R.T. 0.01 min
Lab File: VD059589.D
Acq: 25 Jul 2018 15:05

Tgt Ion: 95 Resp: 62228
Ion Ratio Lower Upper
95 100
174 73.7 0.0 160.6
176 71.7 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

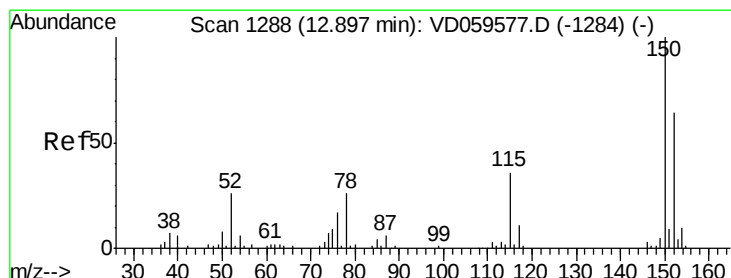
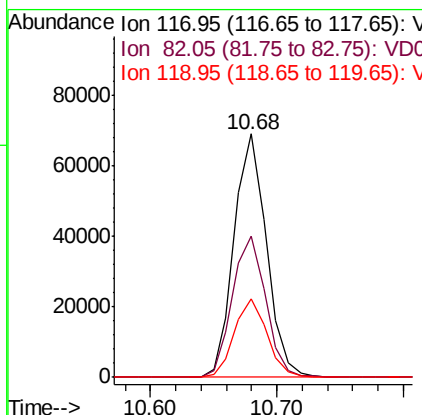
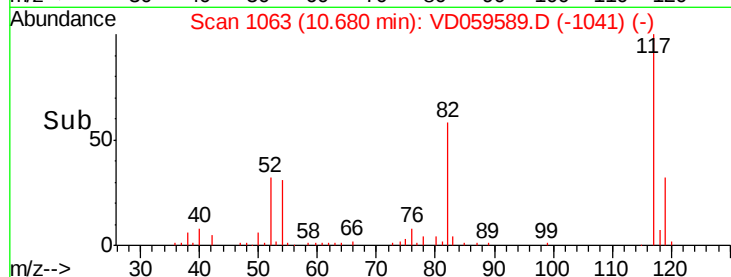
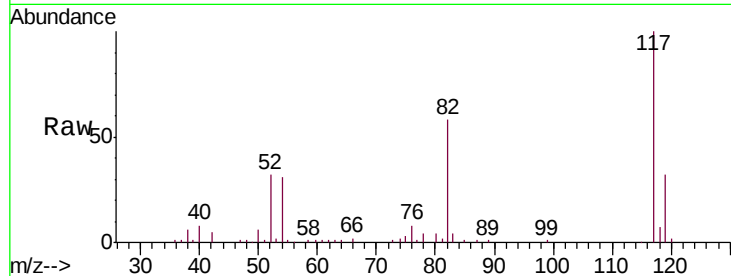




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1063
Delta R.T. 0.02 min
Lab File: VD059589.D
Acq: 25 Jul 2018 15:05

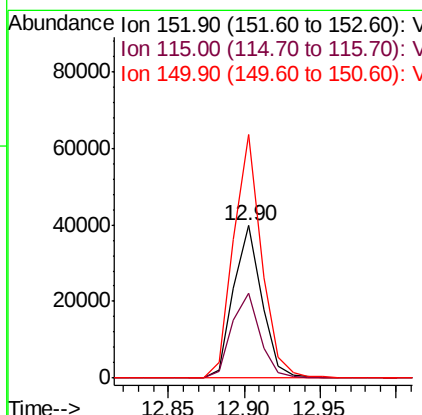
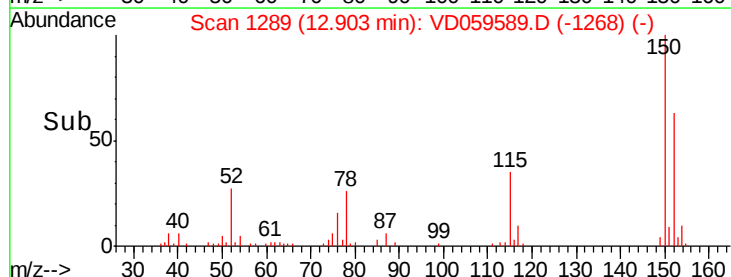
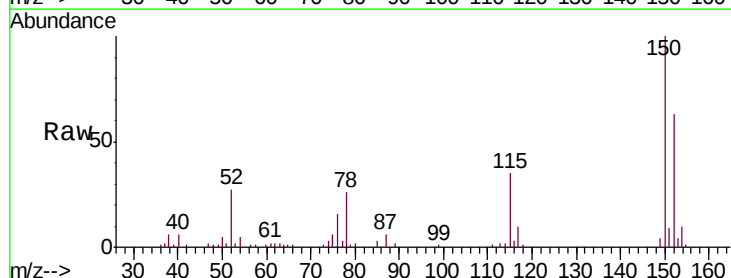
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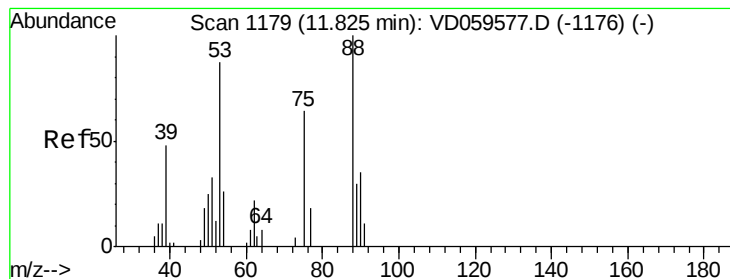
Tot Ion:117 Resp: 122895
Ion Ratio Lower Upper
117 100
82 58.1 48.2 72.2
119 32.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.90 min Scan# 1289
Delta R.T. 0.01 min
Lab File: VD059589.D
Acq: 25 Jul 2018 15:05

Tgt Ion:152 Resp: 51886
Ion Ratio Lower Upper
152 100
115 55.5 29.5 88.6
150 159.5 0.0 314.4





#81

trans-1,4-Dichloro-2-butene

Concen: 156.67 ug/l

RT: 11.92 min Scan# 1189

Delta R.T. 0.09 min

Lab File: VD059589.D

Acq: 25 Jul 2018 15:05

Instrument :

MSVOA_D

ClientSampleId :

DUP-0493-180719

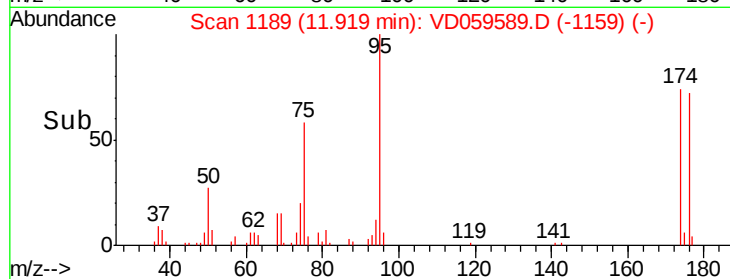
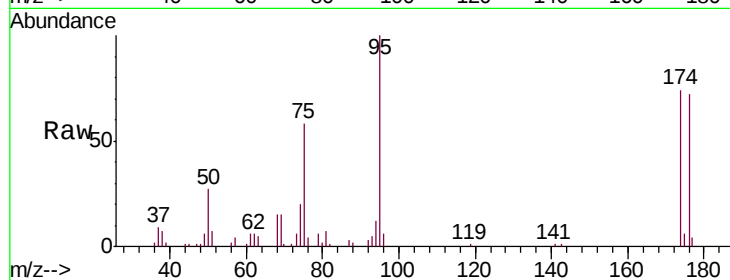
Tot Ion: 75 Resp: 34370

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

