

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073018\
 Data File : VD059630.D
 Acq On : 30 Jul 2018 20:40
 Operator : VA/AP
 Sample : J4180-05RE
 Misc : 6.52g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GS-PIT-2RE

Quant Time: Jul 31 05:18:13 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

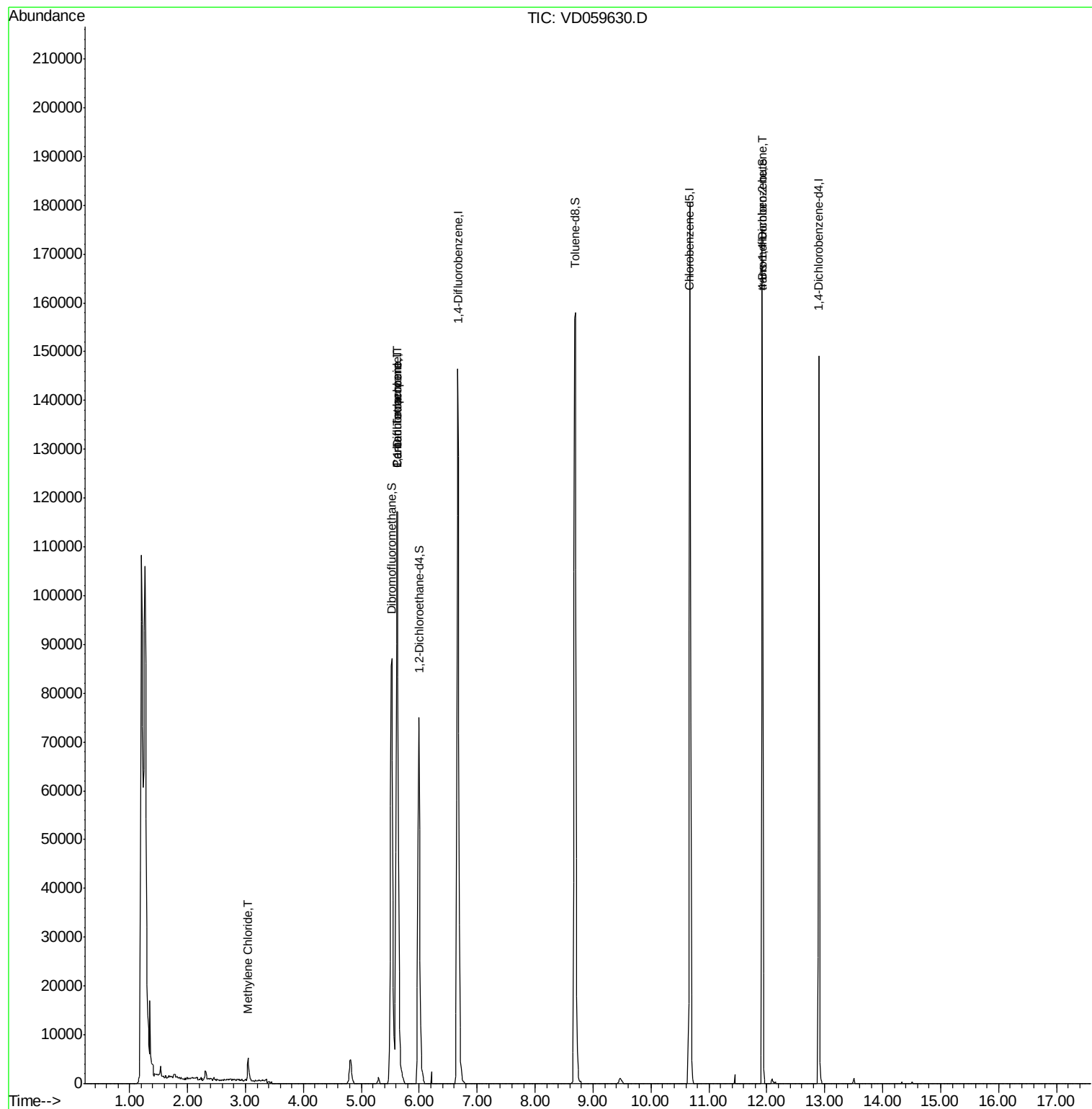
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	116429	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.67	114	142132	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	100578	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.90	152	34230	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.00	65	86723	59.25	ug/l	0.01
Spiked Amount 50.000			Recovery	=	118.50%	
35) Dibromofluoromethane	5.52	113	72282	59.28	ug/l	0.01
Spiked Amount 50.000			Recovery	=	118.56%	
50) Toluene-d8	8.69	98	135807	49.10	ug/l	0.01
Spiked Amount 50.000			Recovery	=	98.20%	
62) 4-Bromofluorobenzene	11.92	95	45244	36.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.64%	
Target Compounds						
20) Methylene Chloride	3.04	84	1887	2.99	ug/l #	75
31) Cyclohexane	5.62	56	2324	Below Cal	#	1
36) 1,1-Dichloropropene	5.62	75	9847	6.90	ug/l #	52
38) Carbon Tetrachloride	5.62	117	11555	5.92	ug/l #	14
81) trans-1,4-Dichloro-2-buten	11.92	75	23812	164.53	ug/l #	1

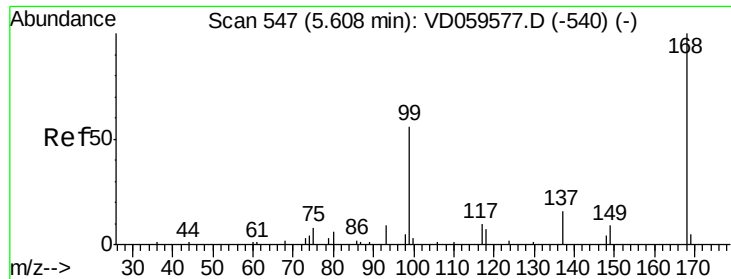
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD073018\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 25 07:10:33 2018
Response via : Initial Calibration

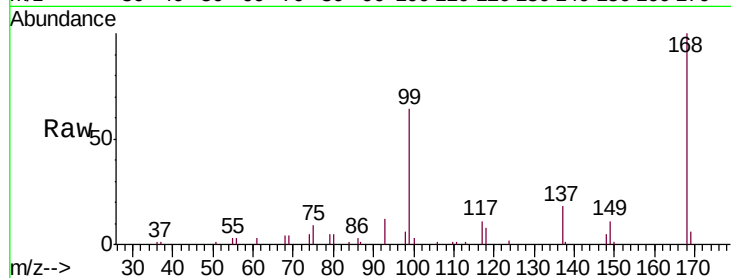




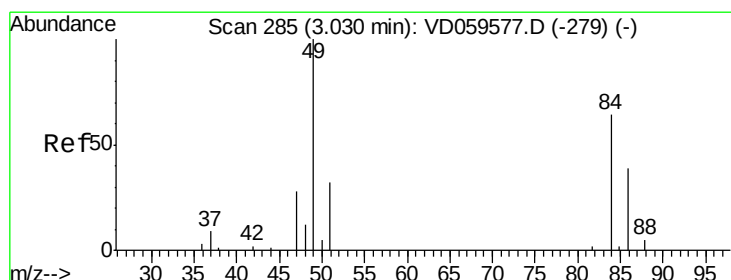
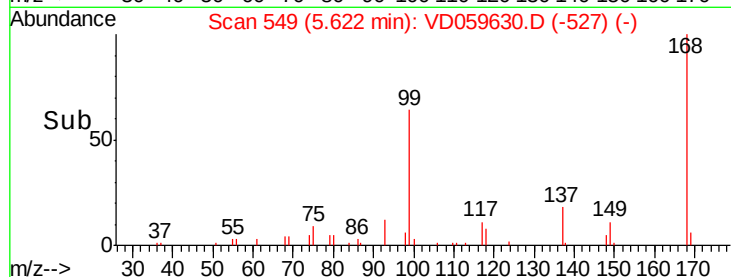
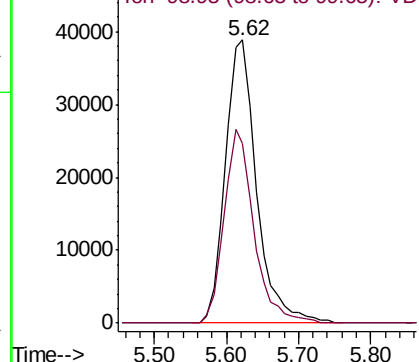
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.62 min Scan# 549
Delta R.T. 0.01 min
Lab File: VD059630.D
Acq: 30 Jul 2018 20:40

Instrument :
MSVOA_D
ClientSampleId :
GS-PIT-2RE

Tot Ion:168 Resp: 116429
Ion Ratio Lower Upper
168 100
99 63.7 47.3 70.9

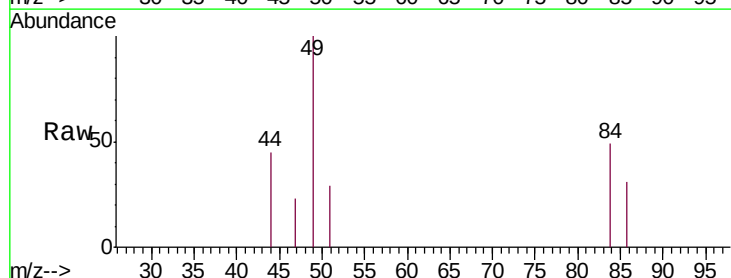


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.95 (98.65 to 99.65): VDC

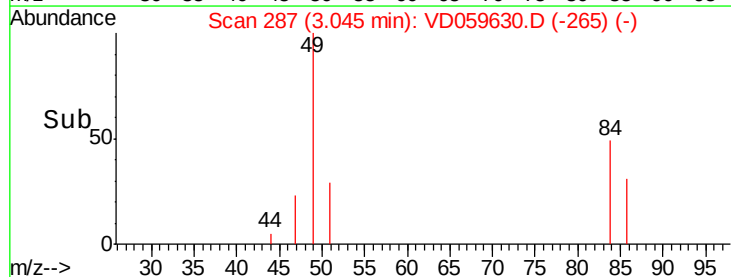
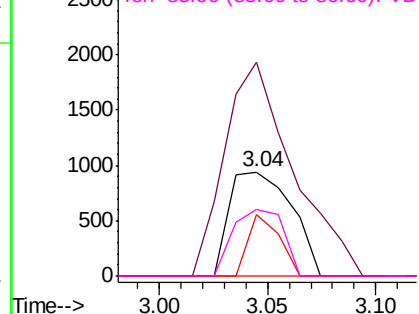


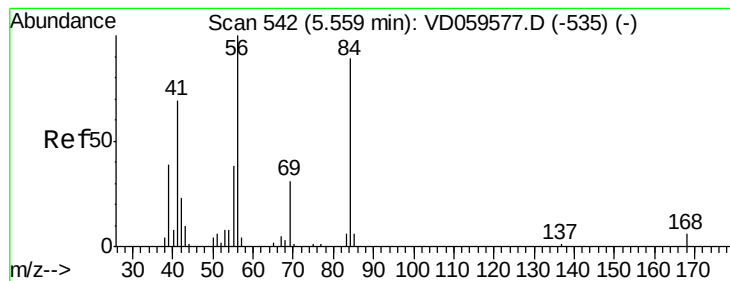
#20
Methylene Chloride
Concen: 2.99 ug/l
RT: 3.04 min Scan# 287
Delta R.T. 0.01 min
Lab File: VD059630.D
Acq: 30 Jul 2018 20:40

Tgt Ion: 84 Resp: 1887
Ion Ratio Lower Upper
84 100
49 205.3 125.4 188.2#
51 59.3 39.7 59.5
86 63.4 49.1 73.7



Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC





#31

Cyclohexane

Concen: Below Cal

RT: 5.62 min Scan# 549

Delta R.T. 0.06 min

Lab File: VD059630.D

Acq: 30 Jul 2018 20:40

Instrument :

MSVOA_D

ClientSampleId :

GS-PIT-2RE

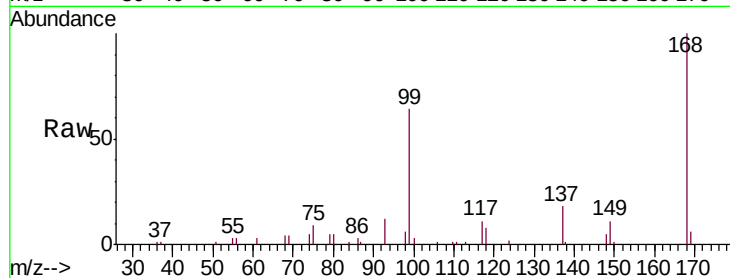
Tot Ion: 56 Resp: 2324

Ion Ratio Lower Upper

56 100

69 172.2 24.6 37.0#

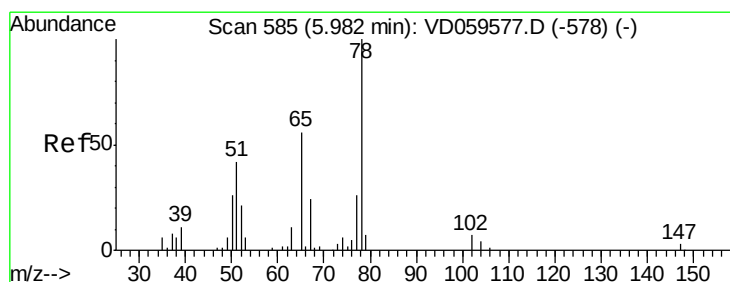
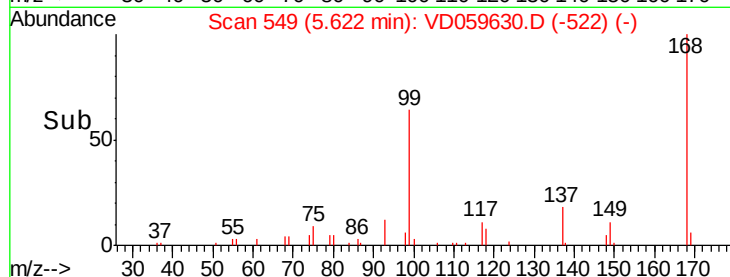
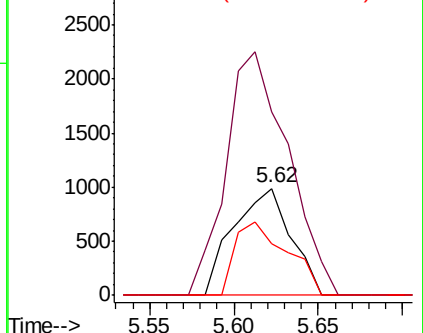
84 47.9 72.7 109.1#



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: 6.00 min Scan# 587

Delta R.T. 0.01 min

Lab File: VD059630.D

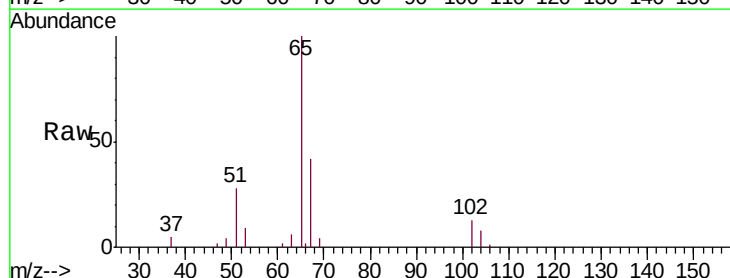
Acq: 30 Jul 2018 20:40

Tgt Ion: 65 Resp: 86723

Ion Ratio Lower Upper

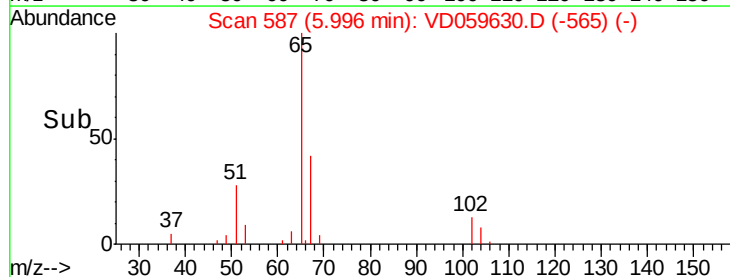
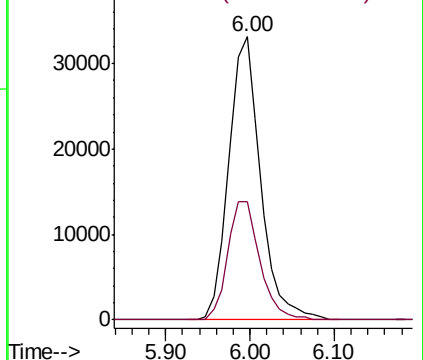
65 100

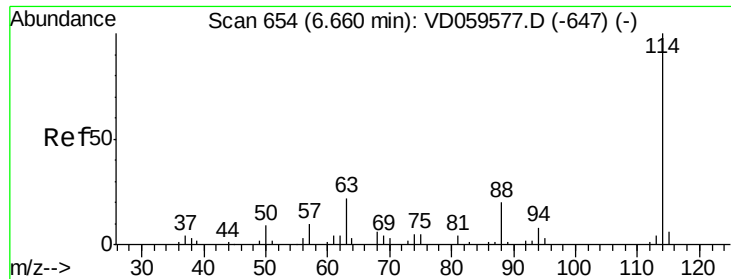
67 41.8 0.0 86.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

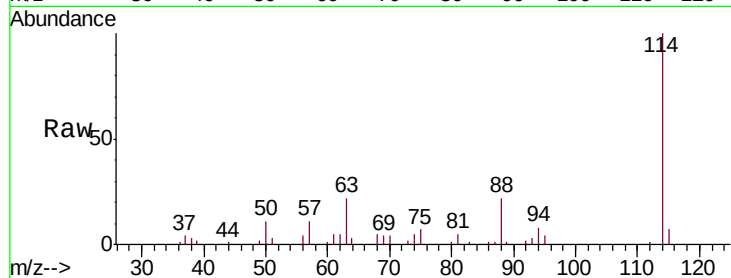




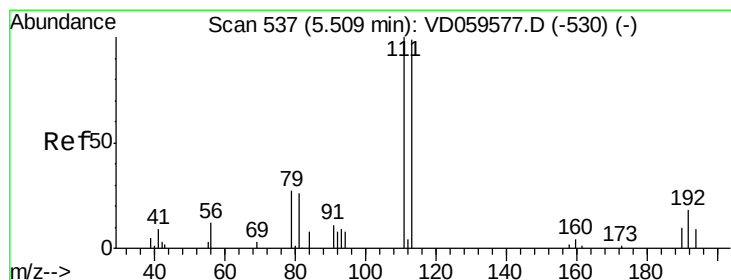
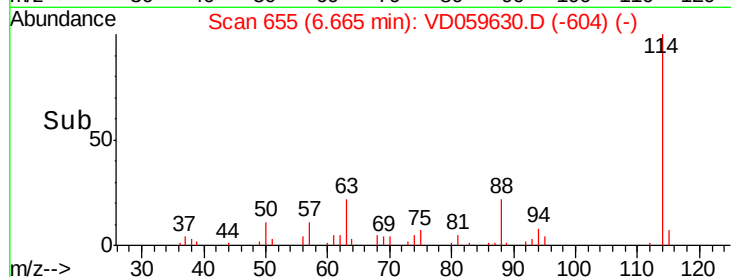
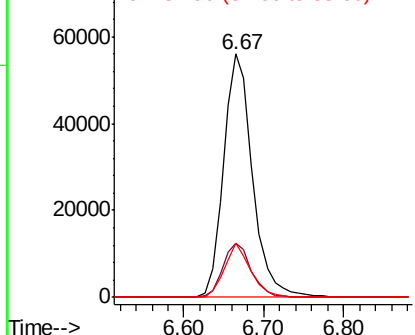
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.67 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: VD059630.D
 Acq: 30 Jul 2018 20:40

Instrument :
 MSVOA_D
 ClientSampleId :
 GS-PIT-2RE

Tot Ion:114 Resp: 142132
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 43.8
 88 22.4 0.0 39.0

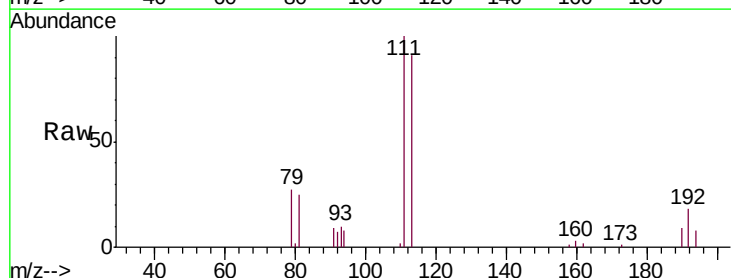


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

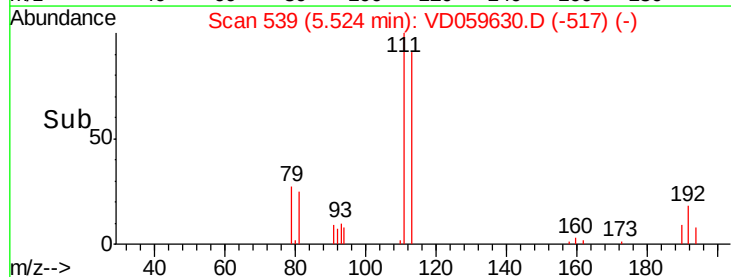
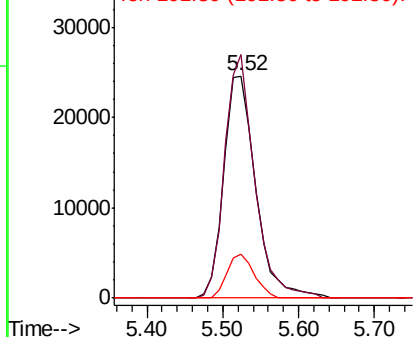


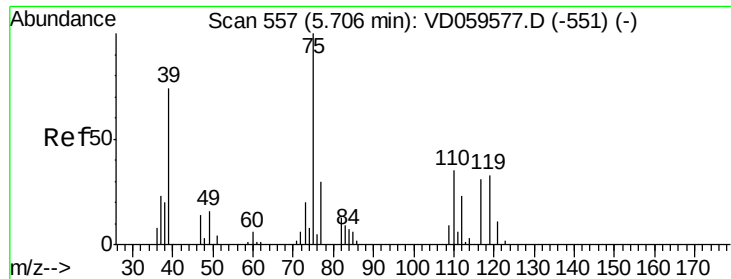
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.52 min Scan# 539
 Delta R.T. 0.01 min
 Lab File: VD059630.D
 Acq: 30 Jul 2018 20:40

Tgt Ion:113 Resp: 72282
 Ion Ratio Lower Upper
 113 100
 111 109.7 80.5 120.7
 192 19.9 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

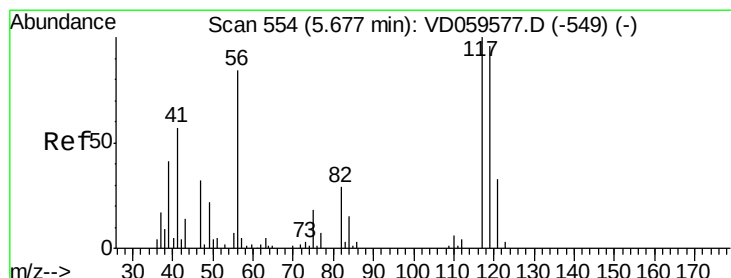
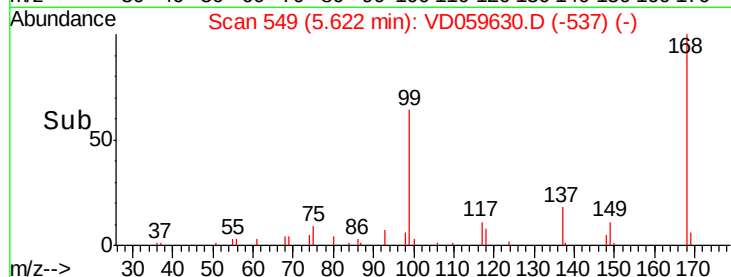
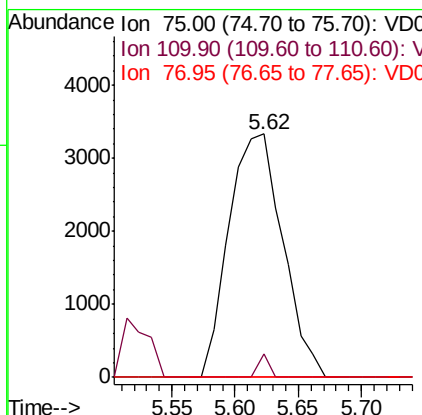
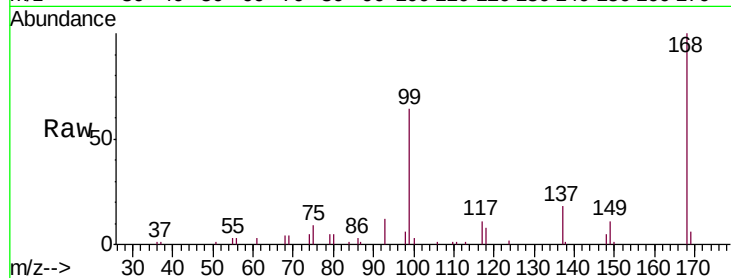




#36
 1,1-Dichloropropene
 Concen: 6.90 ug/l
 RT: 5.62 min Scan# 549
 Delta R.T. -0.08 min
 Lab File: VD059630.D
 Acq: 30 Jul 2018 20:40

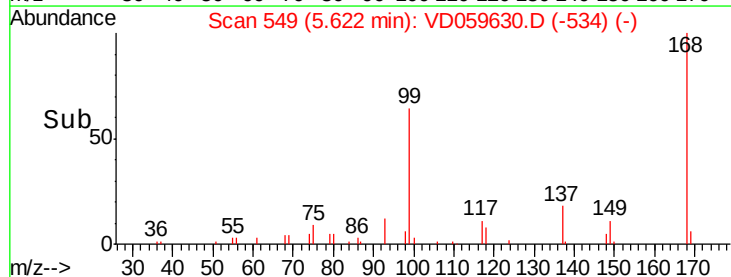
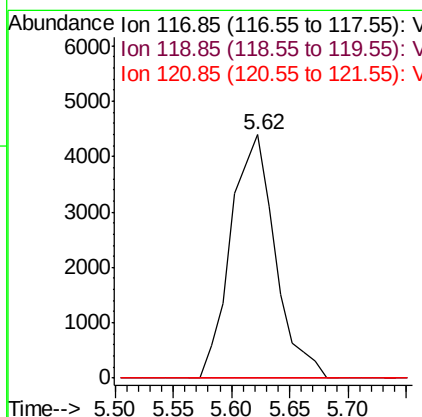
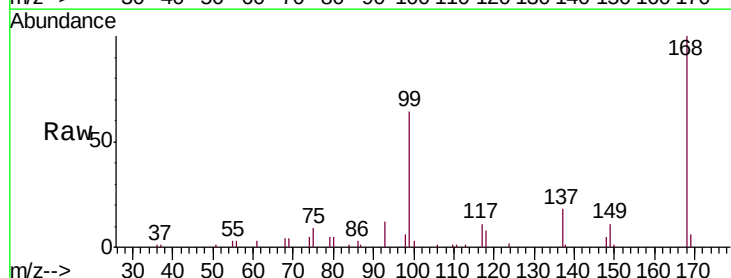
Instrument :
 MSVOA_D
 ClientSampleId :
 GS-PIT-2RE

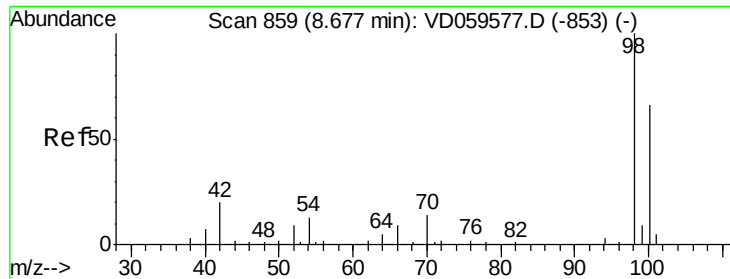
Tot Ion: 75 Resp: 9847
 Ion Ratio Lower Upper
 75 100
 110 9.6 17.0 50.9#
 77 0.0 23.6 35.4#



#38
 Carbon Tetrachloride
 Concen: 5.92 ug/l
 RT: 5.62 min Scan# 549
 Delta R.T. -0.05 min
 Lab File: VD059630.D
 Acq: 30 Jul 2018 20:40

Tgt Ion: 117 Resp: 11555
 Ion Ratio Lower Upper
 117 100
 119 0.0 73.6 110.4#
 121 0.0 25.0 37.6#

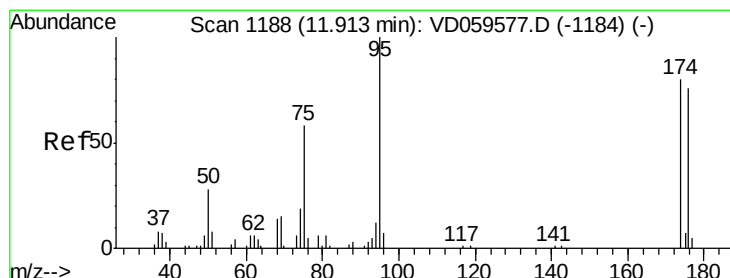
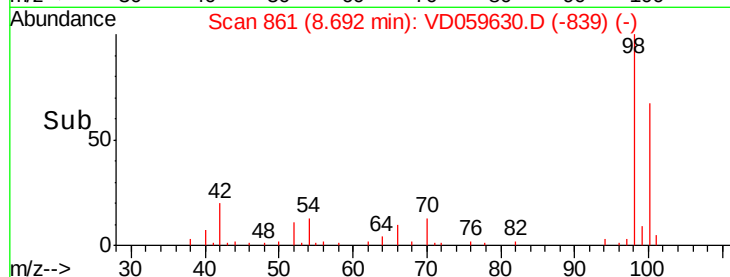
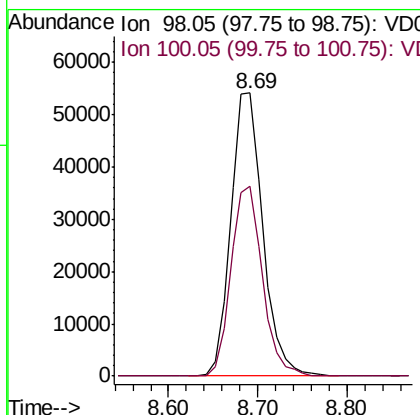
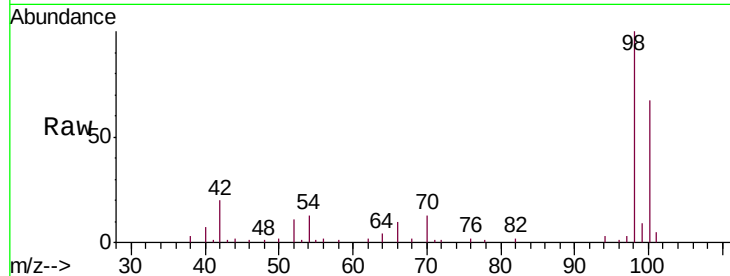




#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.69 min Scan# 861
Delta R.T. 0.01 min
Lab File: VD059630.D
Acq: 30 Jul 2018 20:40

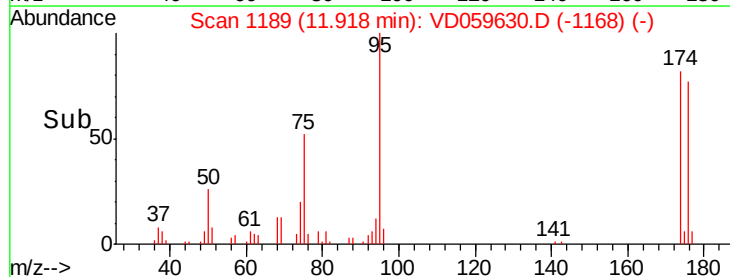
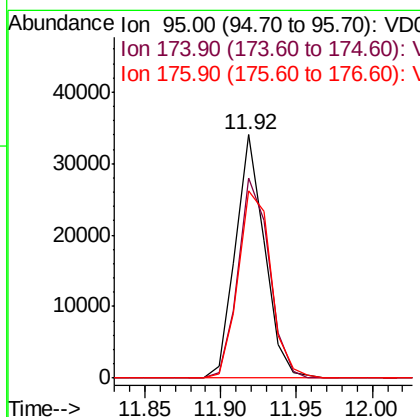
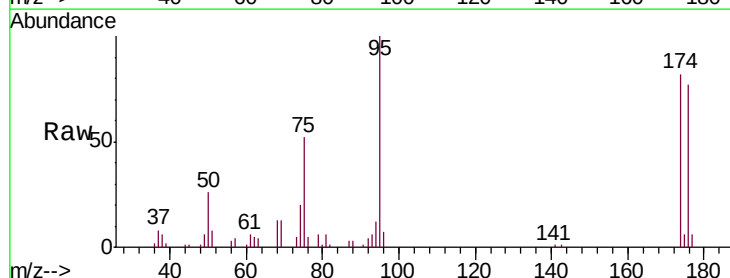
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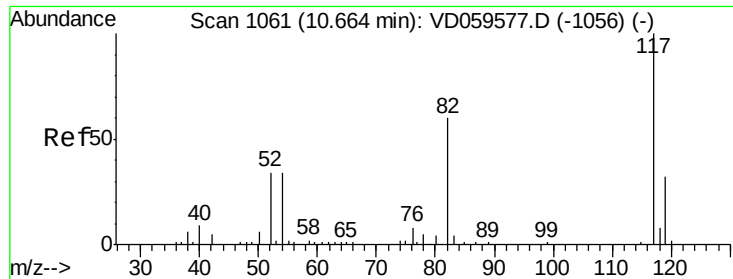
Tot Ion: 98 Resp: 135807
Ion Ratio Lower Upper
98 100
100 67.1 53.2 79.8



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VD059630.D
Acq: 30 Jul 2018 20:40

Tgt Ion: 95 Resp: 45244
Ion Ratio Lower Upper
95 100
174 82.2 0.0 160.6
176 76.7 0.0 152.8

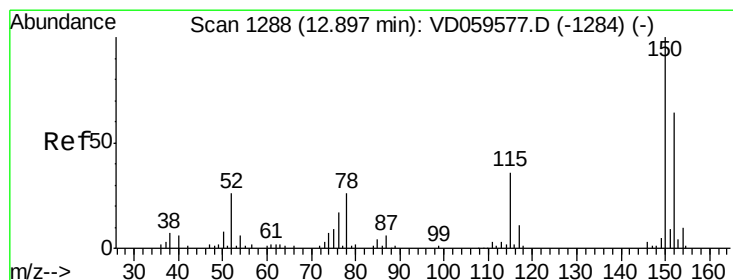
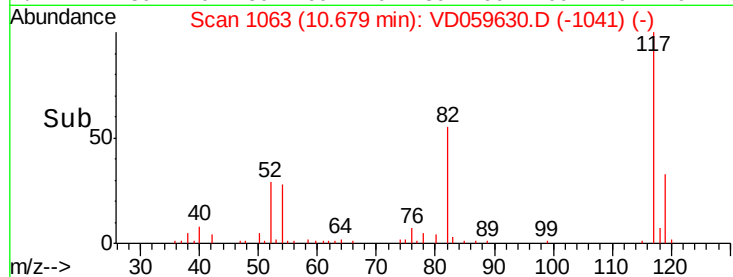
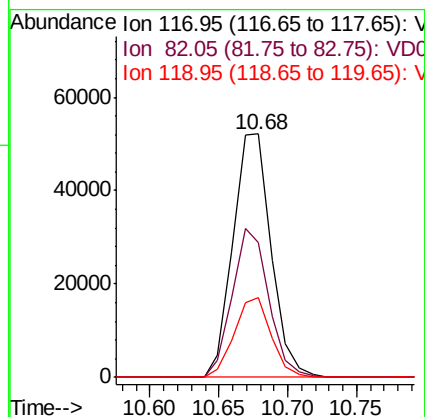
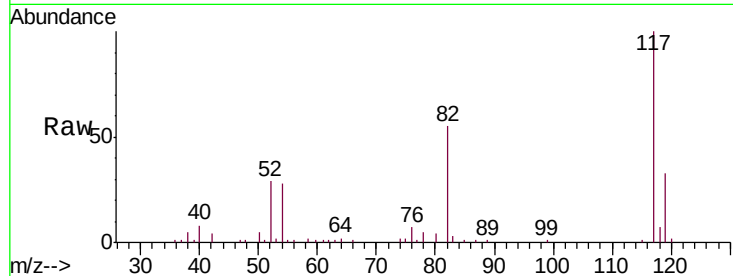




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1063
Delta R.T. 0.01 min
Lab File: VD059630.D
Acq: 30 Jul 2018 20:40

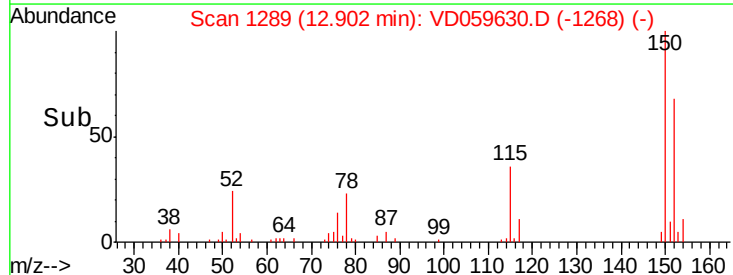
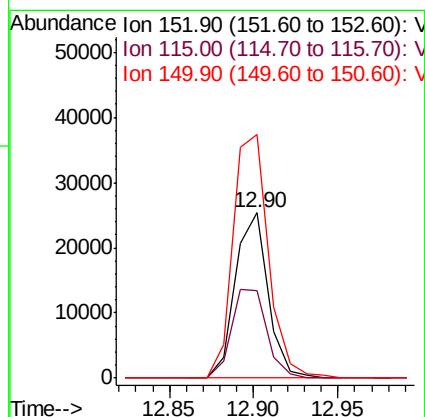
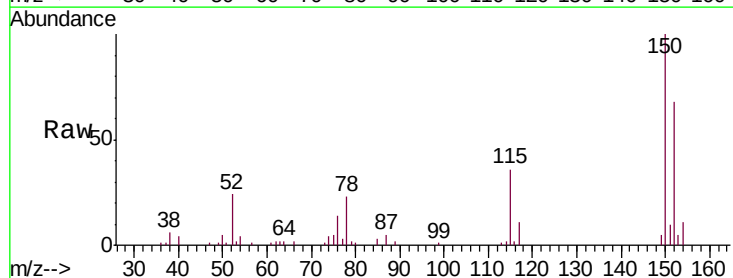
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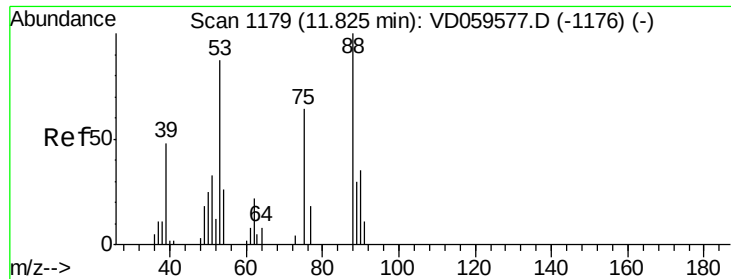
Tot Ion:117 Resp: 100578
Ion Ratio Lower Upper
117 100
82 55.5 48.2 72.2
119 32.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.90 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VD059630.D
Acq: 30 Jul 2018 20:40

Tgt Ion:152 Resp: 34230
Ion Ratio Lower Upper
152 100
115 52.6 29.5 88.6
150 147.6 0.0 314.4





#81

trans-1,4-Dichloro-2-butene

Concen: 164.53 ug/l

RT: 11.92 min Scan# 1189

Delta R.T. 0.09 min

Lab File: VD059630.D

Acq: 30 Jul 2018 20:40

Instrument :

MSVOA_D

ClientSampleId :

GS-PIT-2RE

Tot Ion: 75 Resp: 23812

Ion Ratio Lower Upper

75 100

53 0.0 107.7 161.5#

89 0.0 37.3 55.9#

