

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073018\
 Data File : VD059631.D
 Acq On : 30 Jul 2018 21:09
 Operator : VA/AP
 Sample : J4189-03RE
 Misc : 6.12g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-12-SRE

Quant Time: Jul 31 05:18:23 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	139209	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.66	114	168358	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	129202	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.90	152	49092	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.00	65	96201	54.97	ug/l	0.01
Spiked Amount			Recovery	=	109.94%	
35) Dibromofluoromethane	5.52	113	84631	58.60	ug/l	0.01
Spiked Amount			Recovery	=	117.20%	
50) Toluene-d8	8.69	98	165569	50.54	ug/l	0.01
Spiked Amount			Recovery	=	101.08%	
62) 4-Bromofluorobenzene	11.92	95	59956	40.63	ug/l	0.00
Spiked Amount			Recovery	=	81.26%	

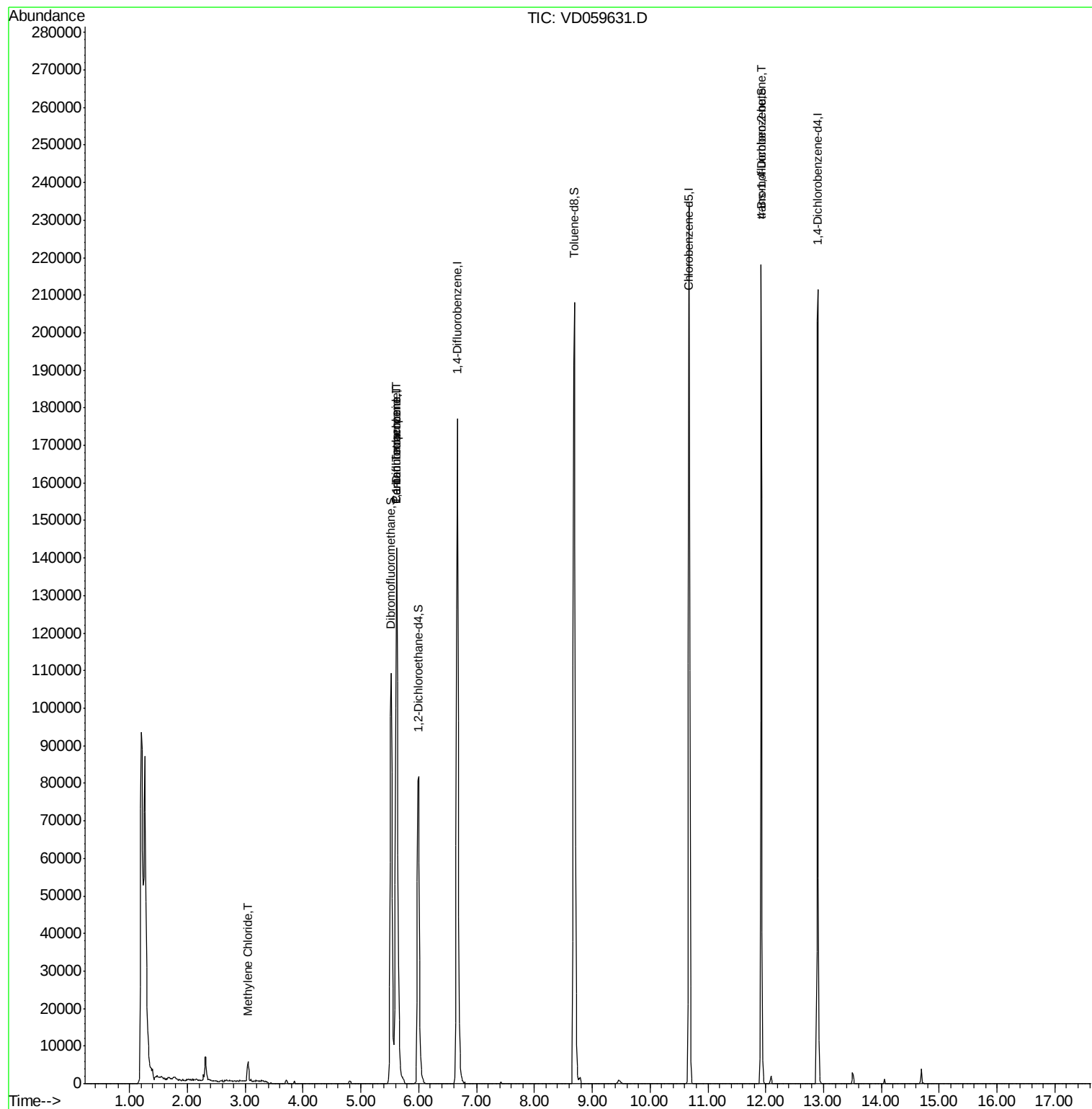
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	3.04	84	2164	2.87	ug/l	# 86
31) Cyclohexane	5.61	56	3337	Below Cal		# 7
36) 1,1-Dichloropropene	5.61	75	12383	7.33	ug/l	# 43
38) Carbon Tetrachloride	5.61	117	12941	5.59	ug/l	# 14
81) trans-1,4-Dichloro-2-buten	11.92	75	31677	152.61	ug/l	# 1

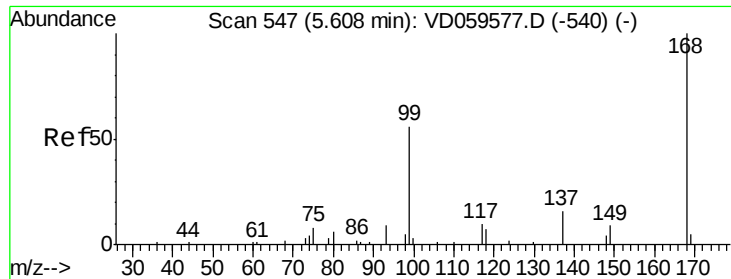
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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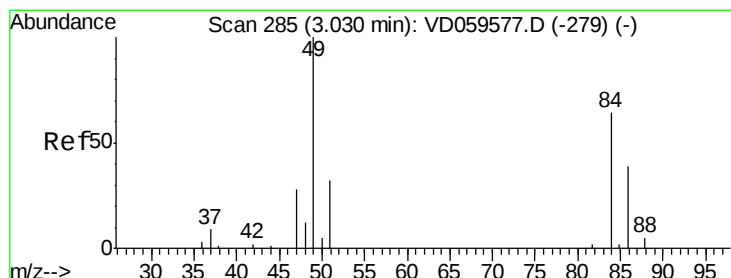
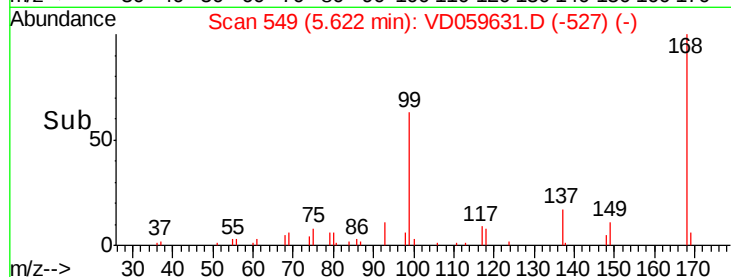
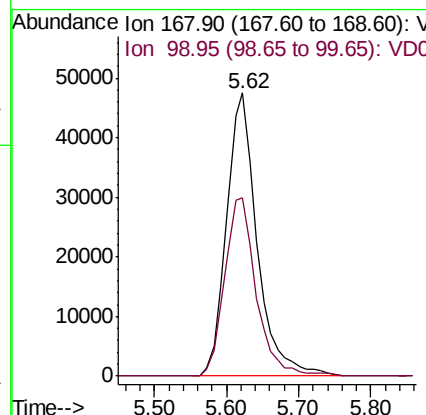
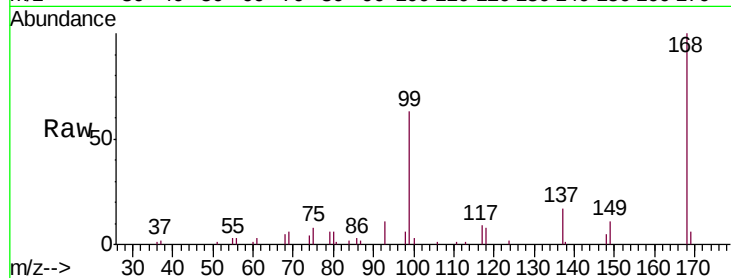




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.62 min Scan# 549
Delta R.T. 0.01 min
Lab File: VD059631.D
Acq: 30 Jul 2018 21:09

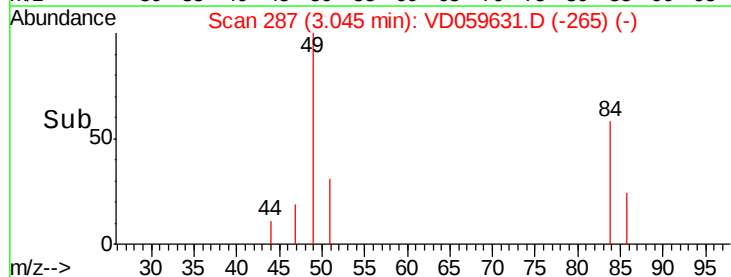
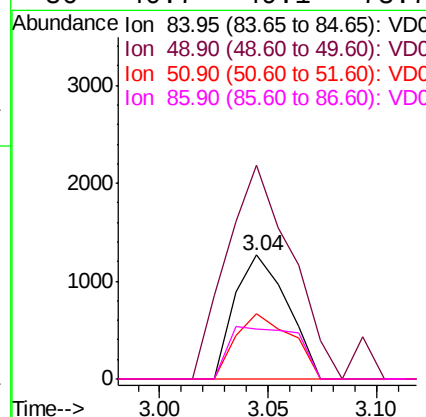
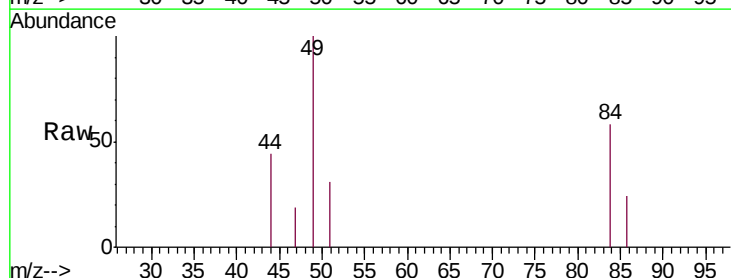
Instrument :
MSVOA_D
ClientSampleId :
TP-12-SRE

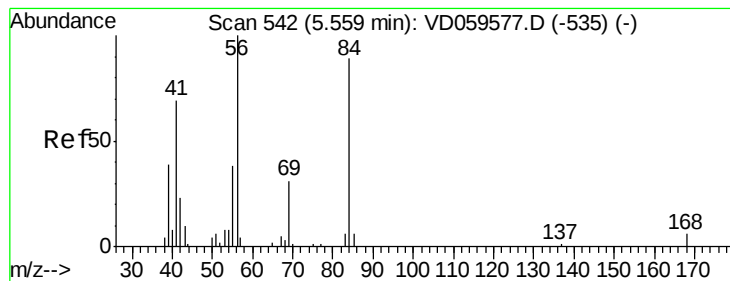
Tot Ion:168 Resp: 139209
Ion Ratio Lower Upper
168 100
99 62.9 47.3 70.9



#20
Methylene Chloride
Concen: 2.87 ug/l
RT: 3.04 min Scan# 287
Delta R.T. 0.01 min
Lab File: VD059631.D
Acq: 30 Jul 2018 21:09

Tgt Ion: 84 Resp: 2164
Ion Ratio Lower Upper
84 100
49 172.0 125.4 188.2
51 53.1 39.7 59.5
86 40.7 49.1 73.7#





#31

Cyclohexane

Concen: Below Cal

RT: 5.61 min Scan# 548

Delta R.T. 0.05 min

Lab File: VD059631.D

Acq: 30 Jul 2018 21:09

Instrument :

MSVOA_D

ClientSampleId :

TP-12-SRE

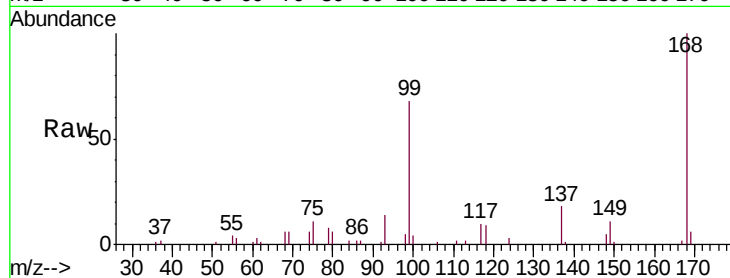
Tot Ion: 56 Resp: 3337

Ion Ratio Lower Upper

56 100

69 180.1 24.6 37.0#

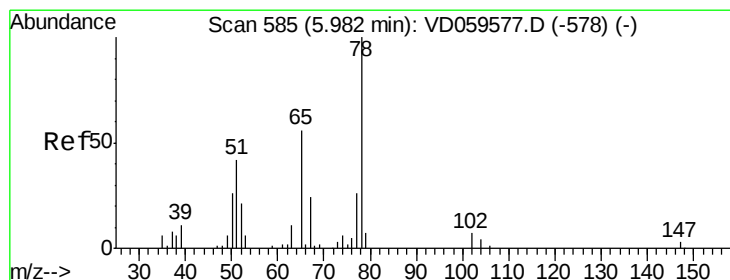
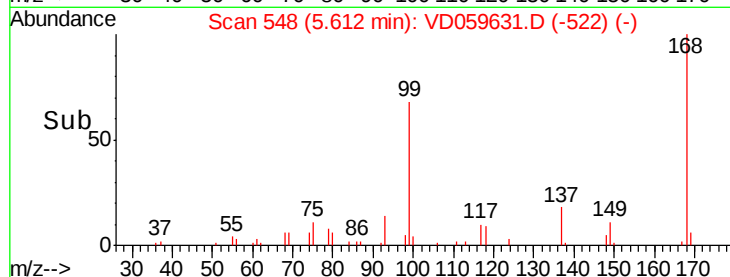
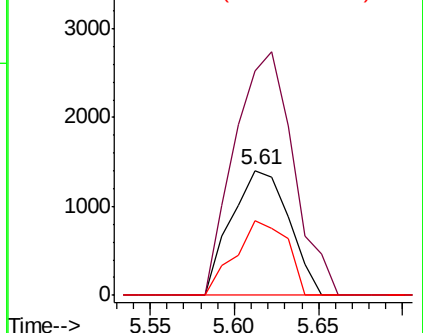
84 60.0 72.7 109.1#



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: VD059631.D

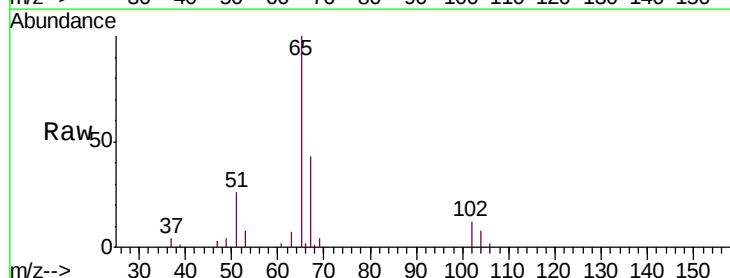
Acq: 30 Jul 2018 21:09

Tgt Ion: 65 Resp: 96201

Ion Ratio Lower Upper

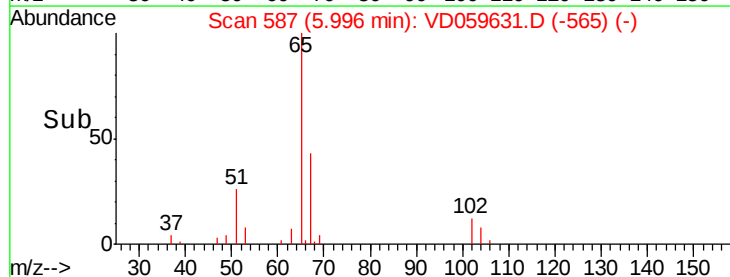
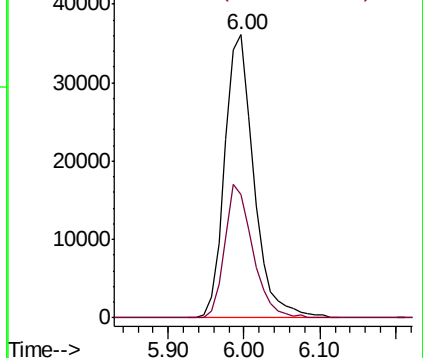
65 100

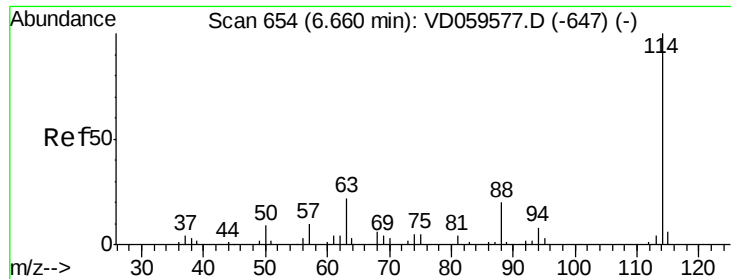
67 43.5 0.0 86.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

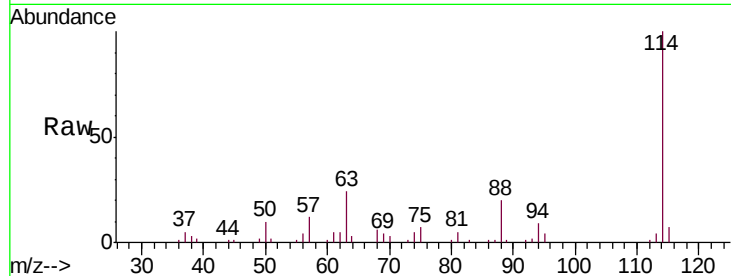




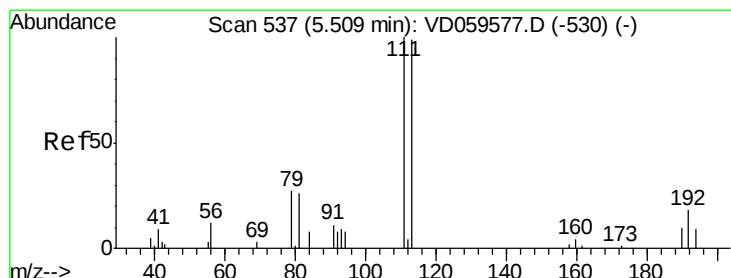
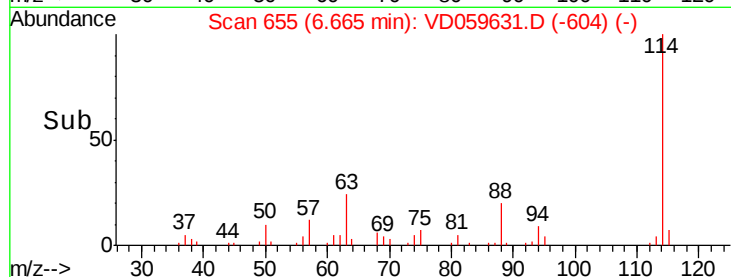
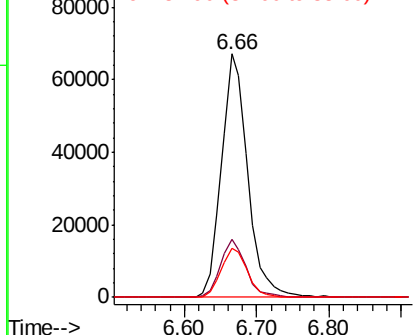
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.66 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: VD059631.D
 Acq: 30 Jul 2018 21:09

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-12-SRE

Tot Ion:114 Resp: 168358
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 43.8
 88 20.2 0.0 39.0

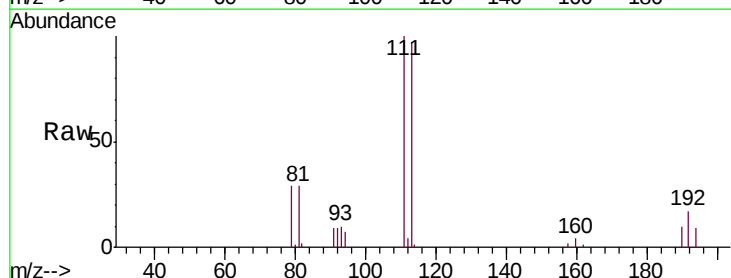


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

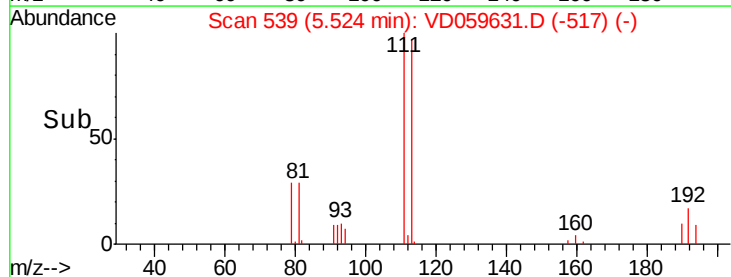
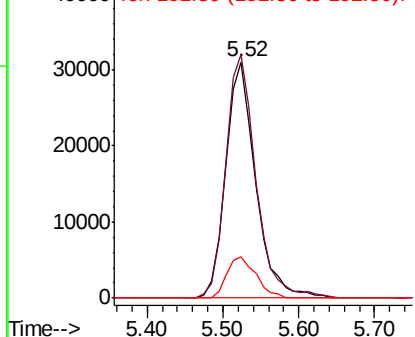


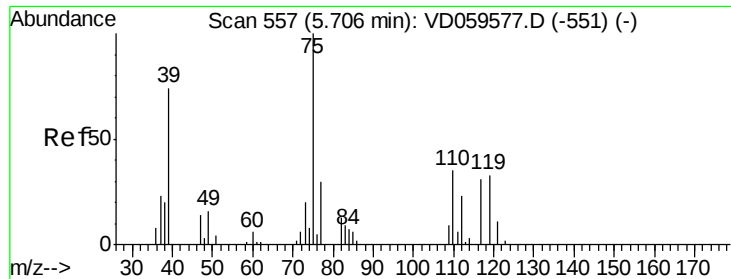
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.52 min Scan# 539
 Delta R.T. 0.01 min
 Lab File: VD059631.D
 Acq: 30 Jul 2018 21:09

Tgt Ion:113 Resp: 84631
 Ion Ratio Lower Upper
 113 100
 111 103.0 80.5 120.7
 192 17.5 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

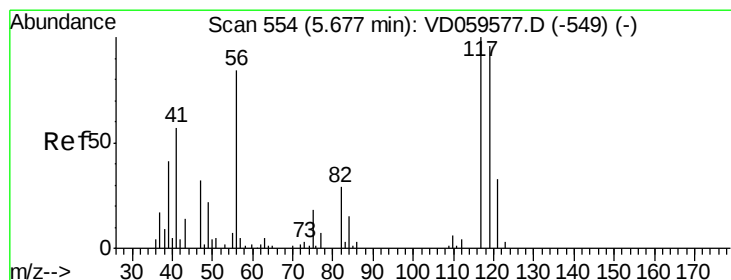
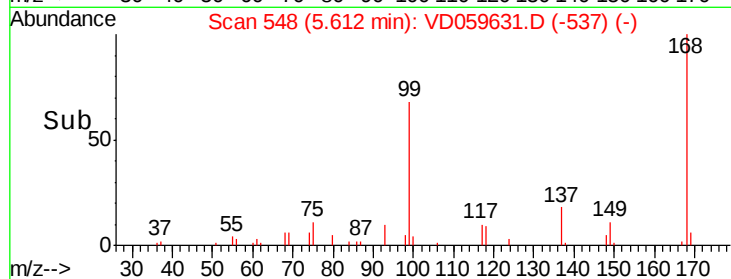
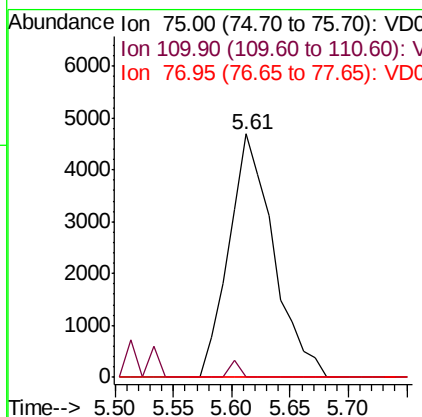
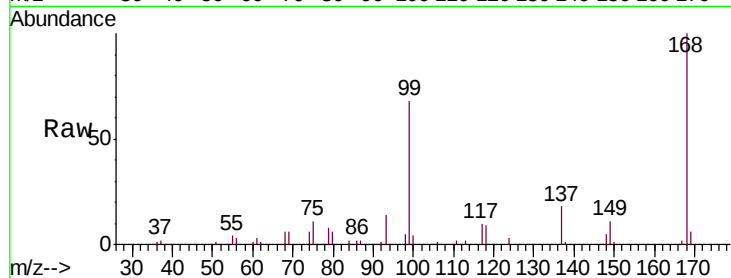




#36
 1,1-Dichloropropene
 Concen: 7.33 ug/l
 RT: 5.61 min Scan# 548
 Delta R.T. -0.09 min
 Lab File: VD059631.D
 Acq: 30 Jul 2018 21:09

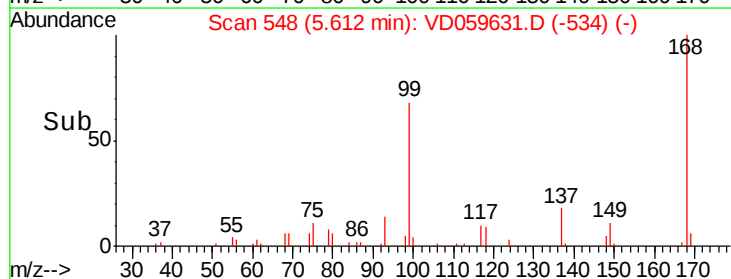
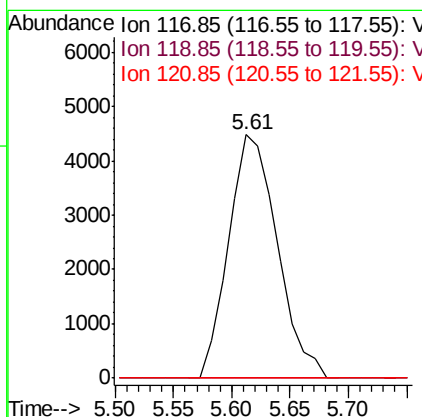
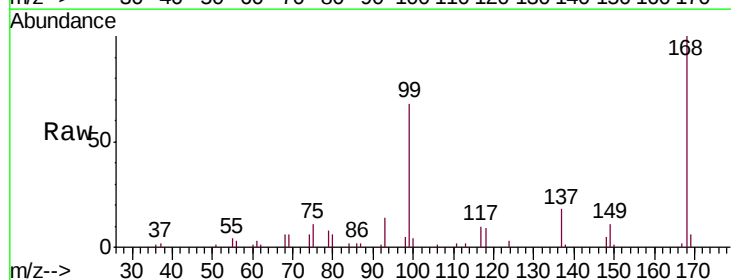
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-12-SRE

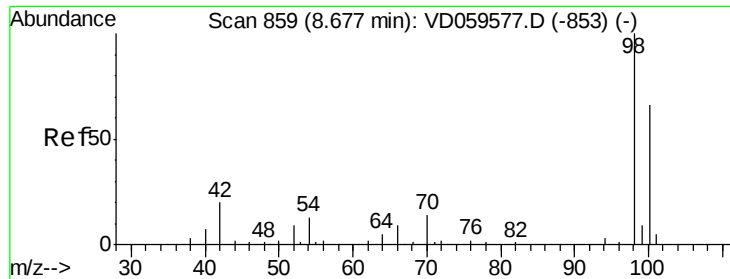
Tot Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.0	50.9#
77	0.0	23.6	35.4#



#38
 Carbon Tetrachloride
 Concen: 5.59 ug/l
 RT: 5.61 min Scan# 548
 Delta R.T. -0.06 min
 Lab File: VD059631.D
 Acq: 30 Jul 2018 21:09

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

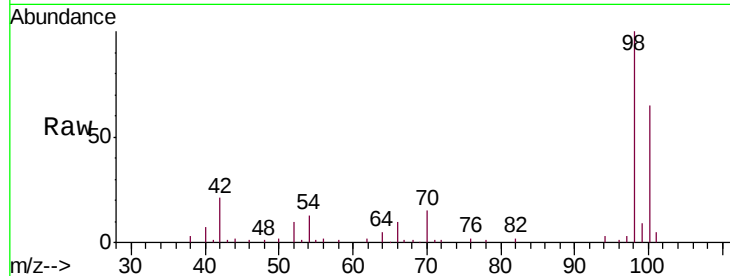




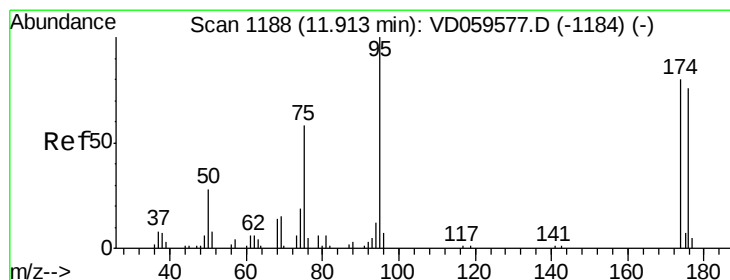
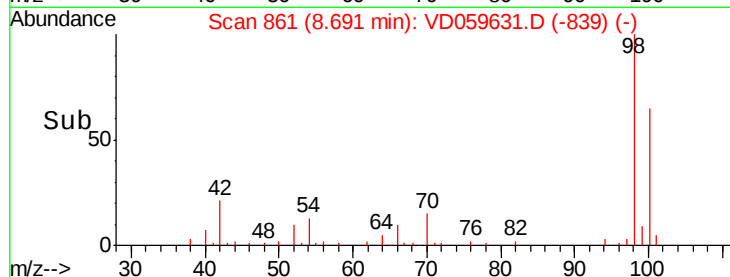
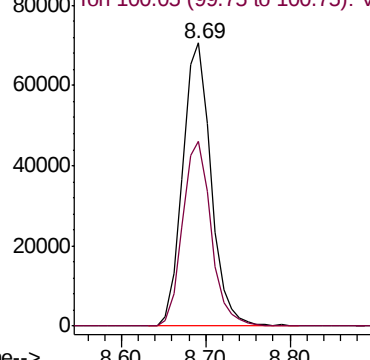
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.69 min Scan# 861
Delta R.T. 0.01 min
Lab File: VD059631.D
Acq: 30 Jul 2018 21:09

Instrument :
MSVOA_D
ClientSampleId :
TP-12-SRE

Tot Ion: 98 Resp: 165569
Ion Ratio Lower Upper
98 100
100 65.2 53.2 79.8

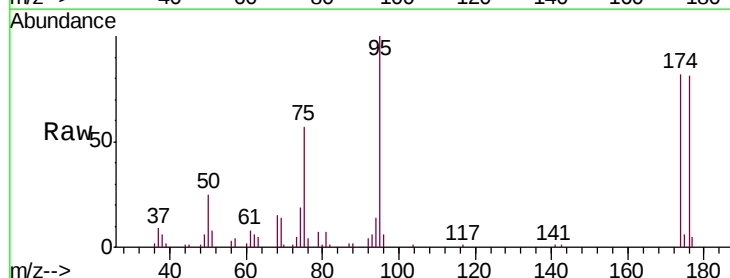


Abundance Ion 98.05 (97.75 to 98.75): VD059577.D (-853) (-)
Ion 100.05 (99.75 to 100.75): VD059577.D (-853) (-)

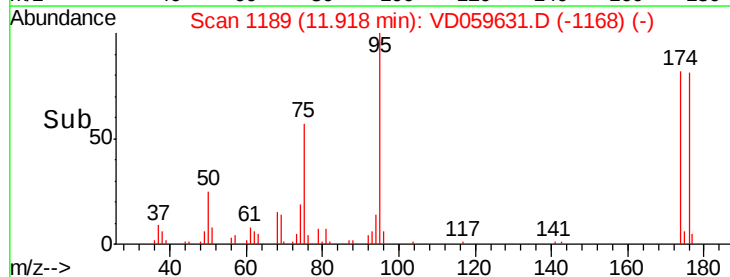
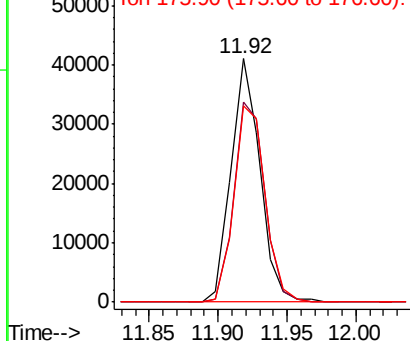


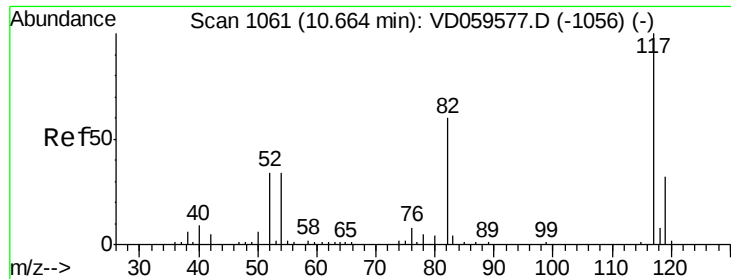
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VD059631.D
Acq: 30 Jul 2018 21:09

Tgt Ion: 95 Resp: 59956
Ion Ratio Lower Upper
95 100
174 82.4 0.0 160.6
176 80.6 0.0 152.8



Abundance Ion 95.00 (94.70 to 95.70): VD059577.D (-1184) (-)
Ion 173.90 (173.60 to 174.60): VD059577.D (-1184) (-)
Ion 175.90 (175.60 to 176.60): VD059577.D (-1184) (-)

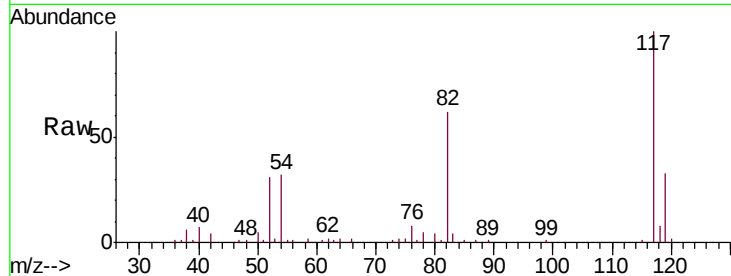




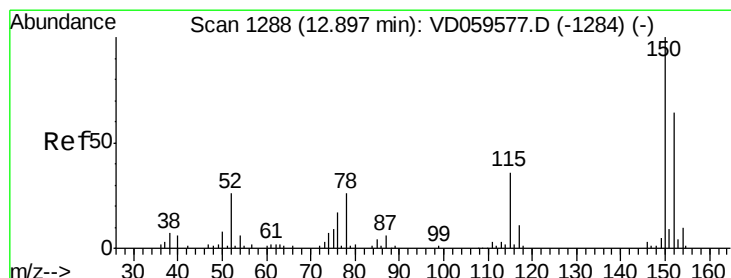
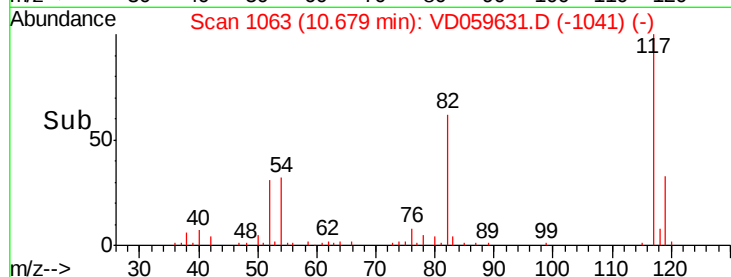
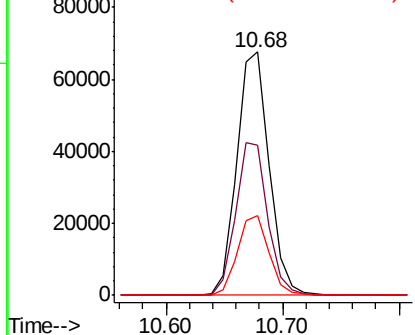
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1063
Delta R.T. 0.01 min
Lab File: VD059631.D
Acq: 30 Jul 2018 21:09

Instrument :
MSVOA_D
ClientSampleId :
TP-12-SRE

Tot Ion:117 Resp: 129202
Ion Ratio Lower Upper
117 100
82 61.6 48.2 72.2
119 32.8 25.4 38.2

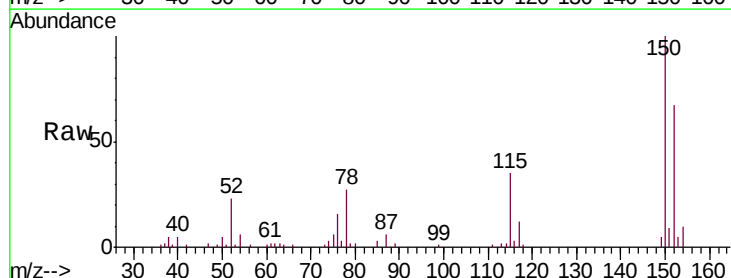


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

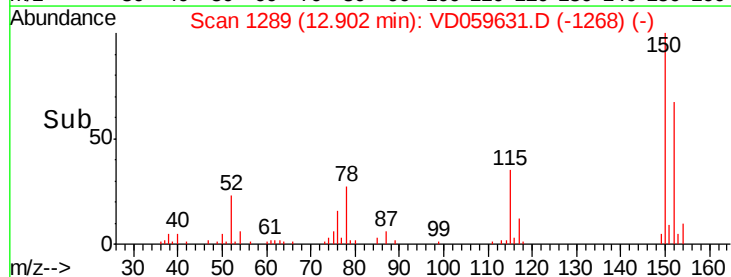
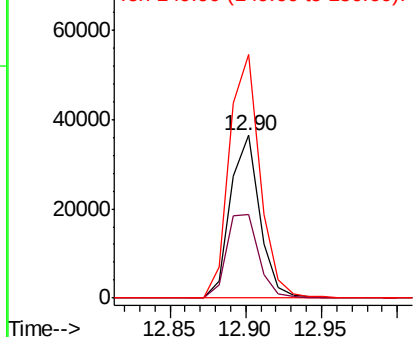


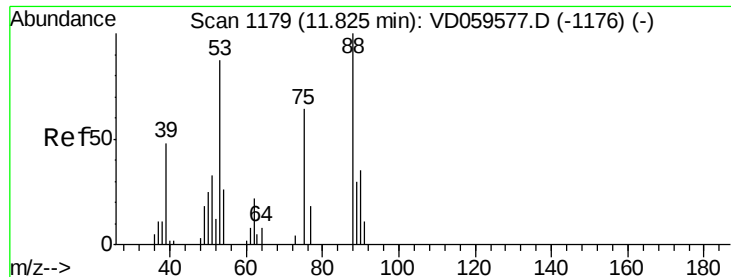
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.90 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VD059631.D
Acq: 30 Jul 2018 21:09

Tgt Ion:152 Resp: 49092
Ion Ratio Lower Upper
152 100
115 51.8 29.5 88.6
150 149.9 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





#81

trans-1,4-Dichloro-2-butene

Concen: 152.61 ug/l

RT: 11.92 min Scan# 1189

Delta R.T. 0.09 min

Lab File: VD059631.D

Acq: 30 Jul 2018 21:09

Instrument :

MSVOA_D

ClientSampleId :

TP-12-SRE

Tot Ion: 75 Resp: 31677

Ion Ratio Lower Upper

75 100

53 0.0 107.7 161.5#

89 0.0 37.3 55.9#

