

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062818\
 Data File : VD059462.D
 Acq On : 28 Jun 2018 14:49
 Operator : VA/AP
 Sample : VD0628SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 29 01:26:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 07:29:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	954954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.70	114	1201887	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.70	117	982589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	552606	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	365257	37.40	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	74.80%	
35) Dibromofluoromethane	5.56	113	397542	40.61	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	81.22%	
50) Toluene-d8	8.72	98	907079	39.63	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	79.26%	
62) 4-Bromofluorobenzene	11.94	95	389172	40.88	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	81.76%	

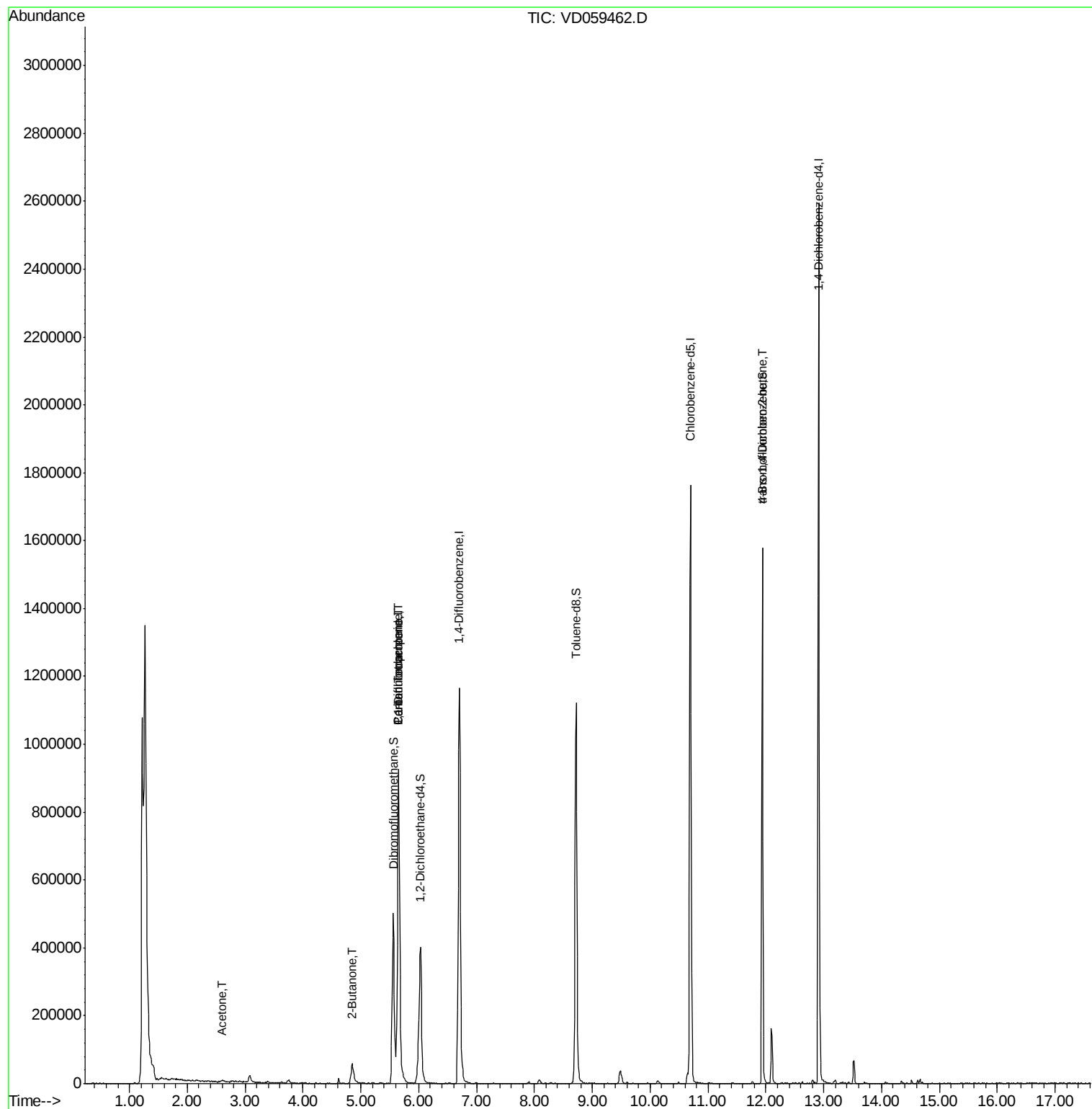
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.82	94	538	Below Cal	#	4
16) Acetone	2.61	43	9937	8.062	ug/l #	55
18) Methyl Acetate	2.95	43	1605	Below Cal	#	66
25) 2-Butanone	4.84	43	4983	1.930	ug/l #	57
31) Cyclohexane	5.65	56	24764	Below Cal	#	19
36) 1,1-Dichloropropene	5.65	75	75749	6.948	ug/l #	53
38) Carbon Tetrachloride	5.65	117	78476	6.981	ug/l #	14
81) trans-1,4-Dichloro-2-buten	11.94	75	188521	108.815	ug/l #	1

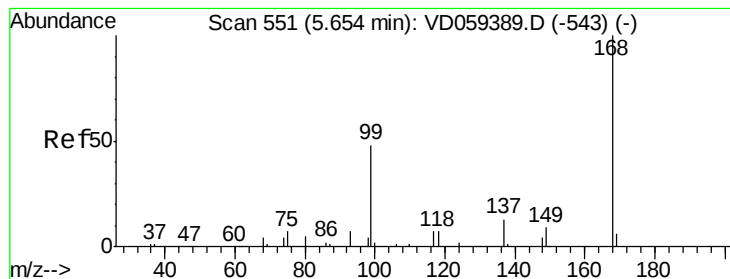
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062818\
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Quant Time: Jun 29 01:26:09 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 07:29:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 552

Delta R.T. 0.00 min

Lab File: VD059462.D

Acq: 28 Jun 2018 14:49

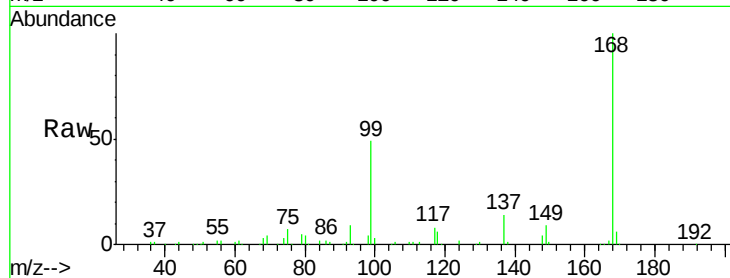
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 954954

Ion Ratio Lower Upper

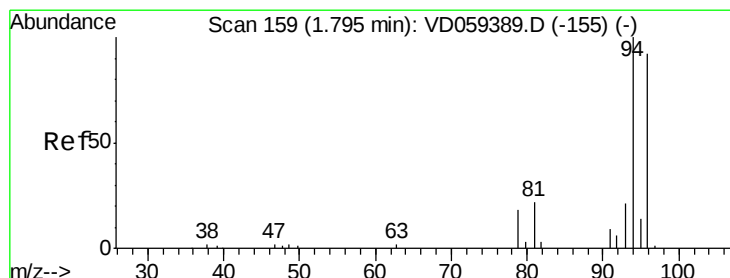
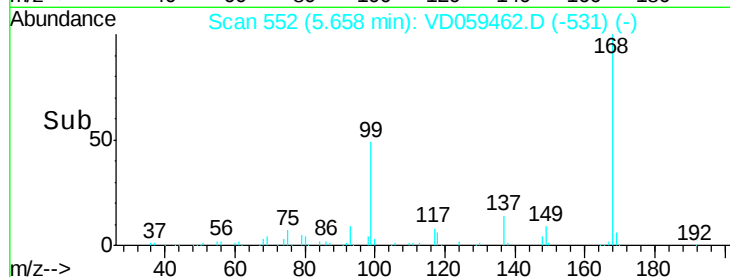
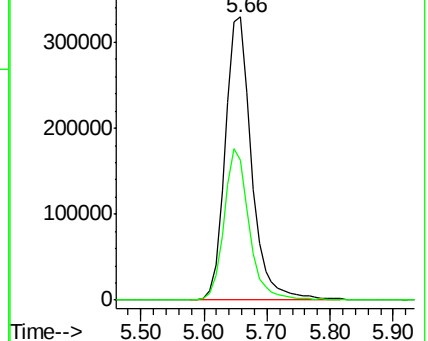
168 100

99 49.5 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#5

Bromomethane

Concen: Below Cal

RT: 1.82 min Scan# 162

Delta R.T. 0.02 min

Lab File: VD059462.D

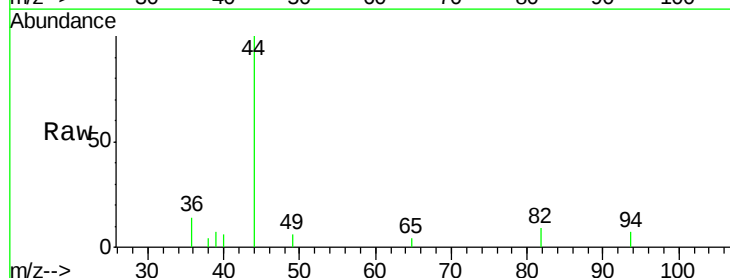
Acq: 28 Jun 2018 14:49

Tgt Ion: 94 Resp: 538

Ion Ratio Lower Upper

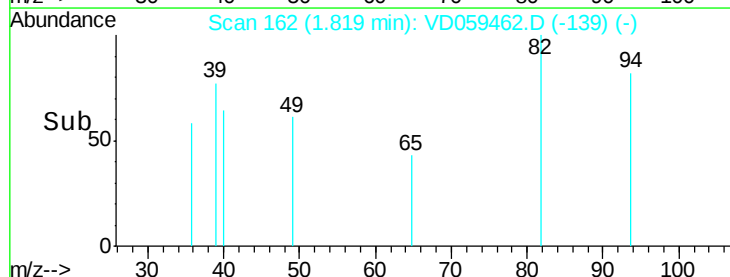
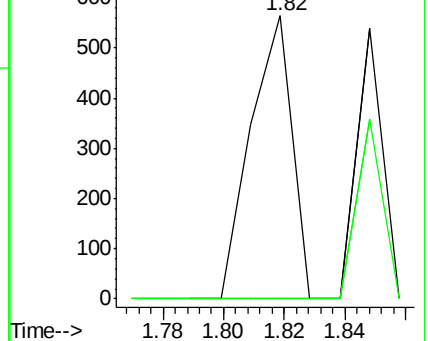
94 100

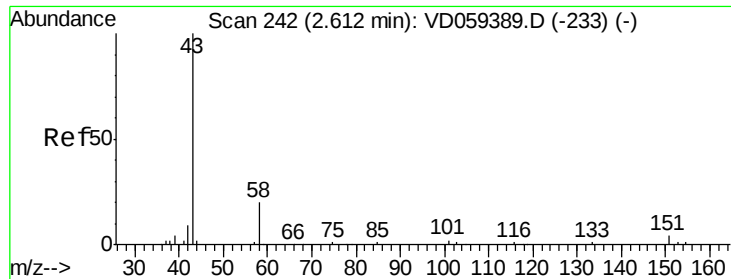
96 0.0 73.4 110.0#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC





#16

Acetone

Concen: 8.062 ug/l

RT: 2.61 min Scan# 242

Delta R.T. -0.01 min

Lab File: VD059462.D

Acq: 28 Jun 2018 14:49

Instrument :

MSVOA_D

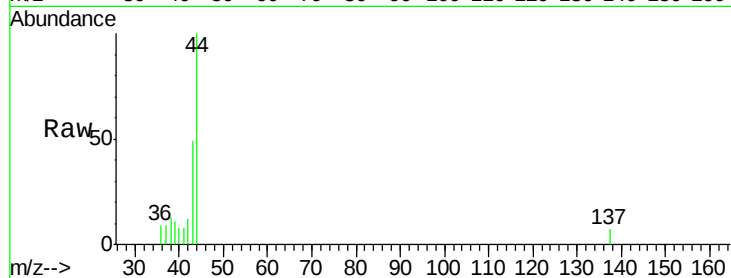
ClientSampleId :

Tot Ion: 43 Resp: 9937

Ion Ratio Lower Upper

43 100

58 0.0 16.8 25.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

2500

2000

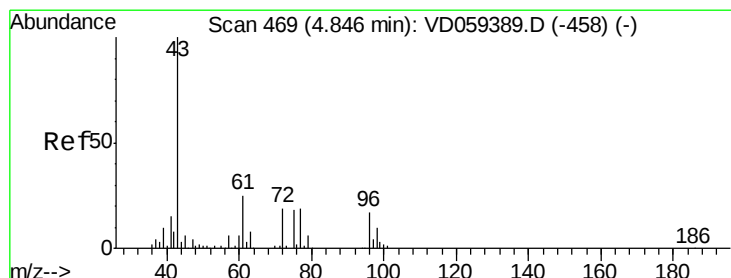
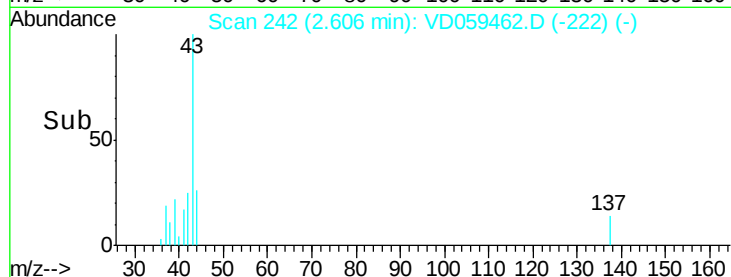
1500

1000

500

0

Time-->



#25

2-Butanone

Concen: 1.930 ug/l

RT: 4.84 min Scan# 469

Delta R.T. -0.01 min

Lab File: VD059462.D

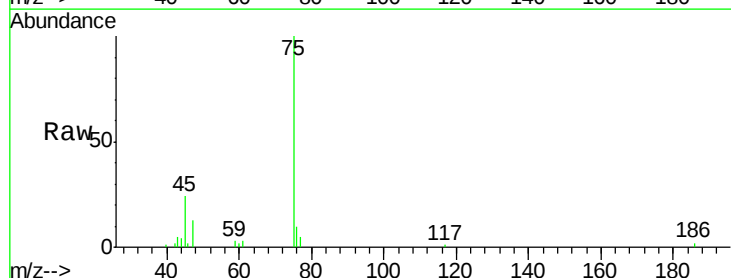
Acq: 28 Jun 2018 14:49

Tgt Ion: 43 Resp: 4983

Ion Ratio Lower Upper

43 100

72 0.0 15.4 23.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC

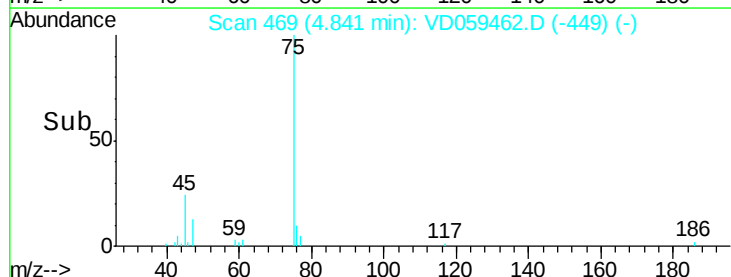
1500

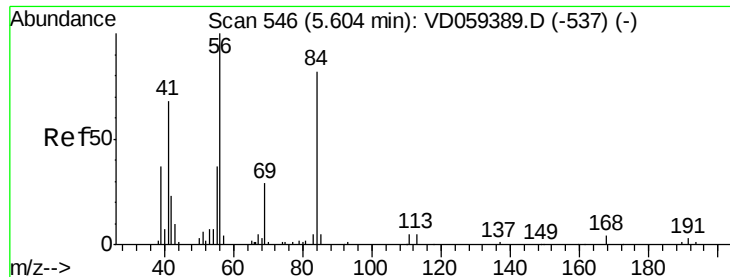
1000

500

0

Time-->

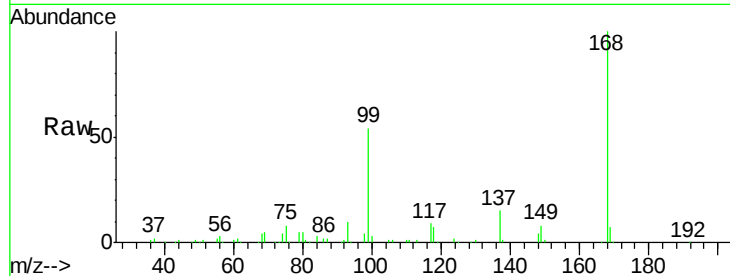




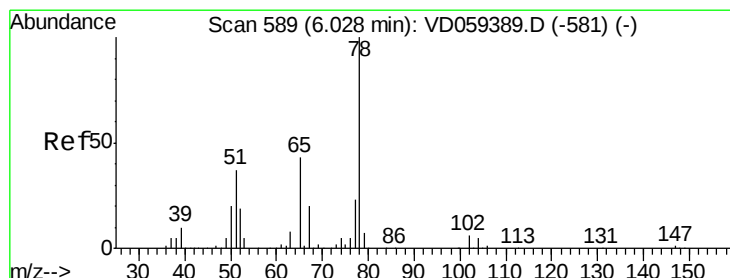
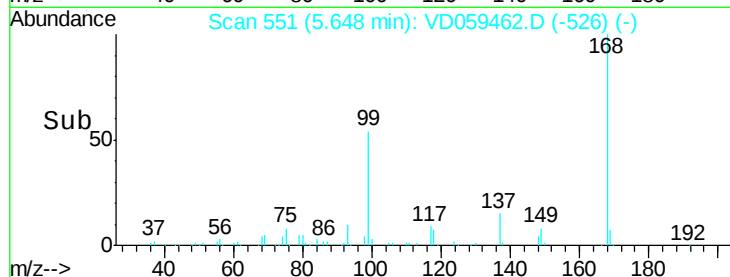
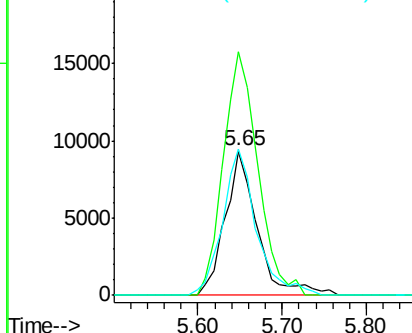
#31
Cyclohexane
Concen: Below Cal
RT: 5.65 min Scan# 551
Delta R.T. 0.04 min
Lab File: VD059462.D
Acq: 28 Jun 2018 14:49

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 24764
Ion Ratio Lower Upper
56 100
69 168.8 22.9 34.3#
84 101.1 67.3 100.9#

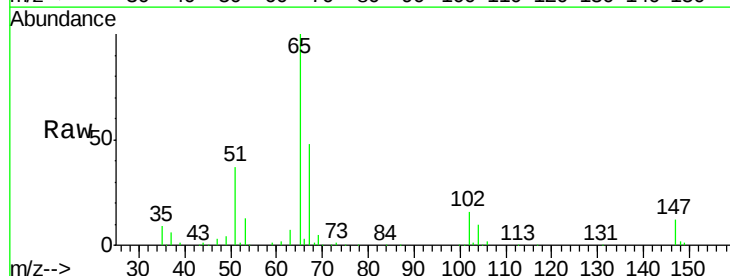


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

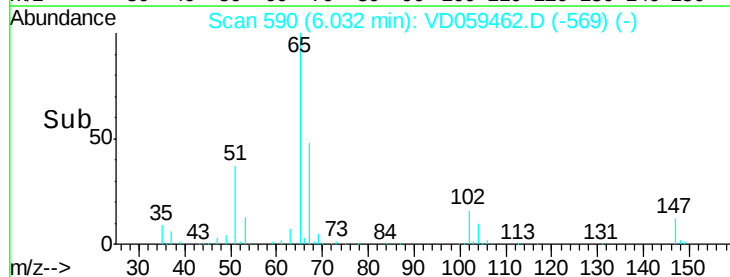
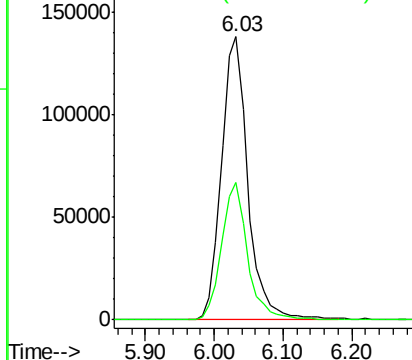


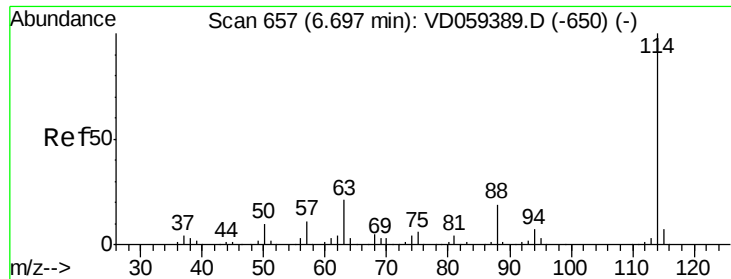
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.03 min Scan# 590
Delta R.T. 0.00 min
Lab File: VD059462.D
Acq: 28 Jun 2018 14:49

Tgt Ion: 65 Resp: 365257
Ion Ratio Lower Upper
65 100
67 48.3 0.0 93.8



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

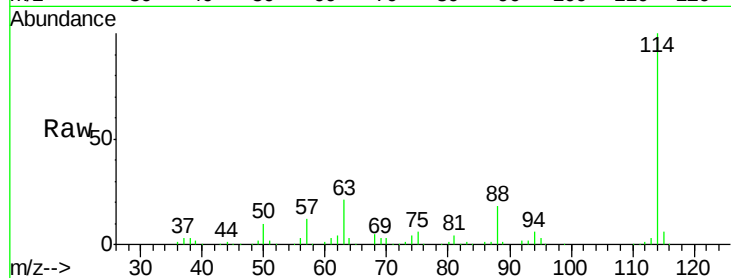




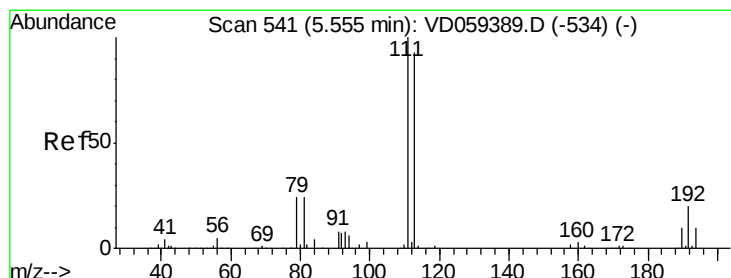
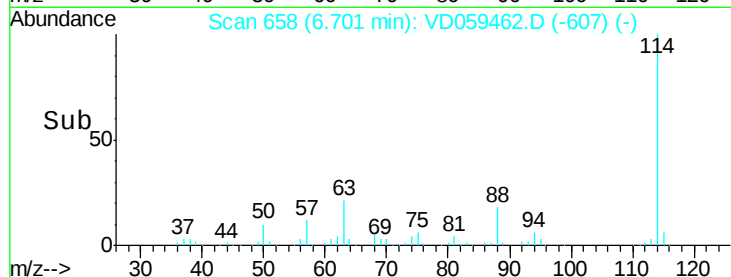
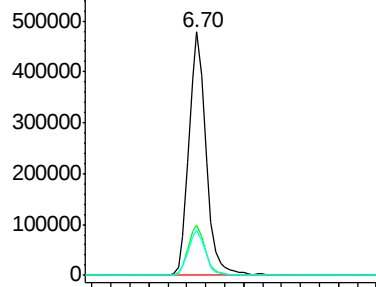
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.70 min Scan# 658
Delta R.T. 0.00 min
Lab File: VD059462.D
Acq: 28 Jun 2018 14:49

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:114 Resp: 1201887
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.4
88 18.3 0.0 38.0

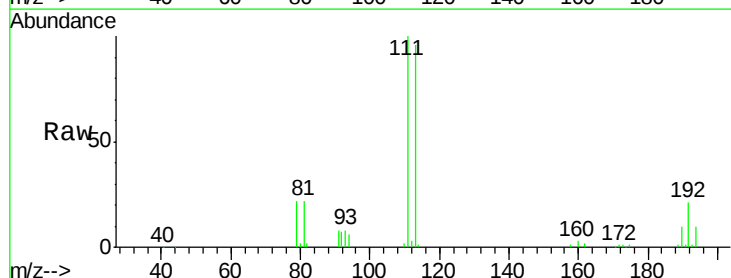


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 62.95 (62.65 to 63.65): V
Ion 87.90 (87.60 to 88.60): V

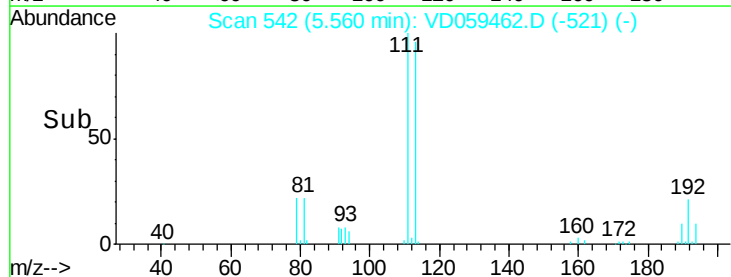
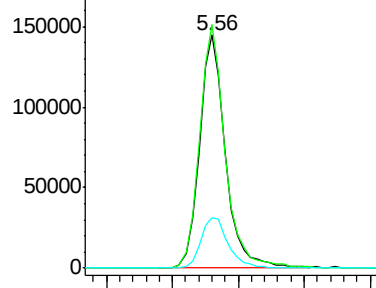


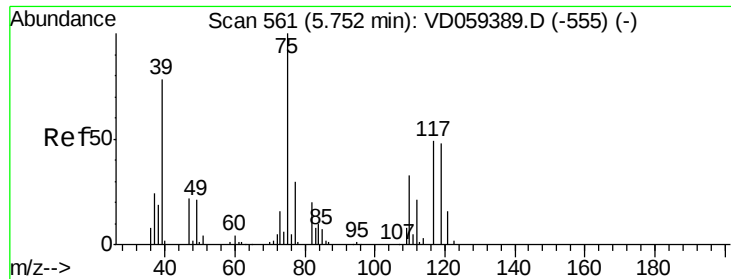
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 5.56 min Scan# 542
Delta R.T. 0.00 min
Lab File: VD059462.D
Acq: 28 Jun 2018 14:49

Tgt Ion:113 Resp: 397542
Ion Ratio Lower Upper
113 100
111 104.5 85.7 128.5
192 21.8 16.9 25.3



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

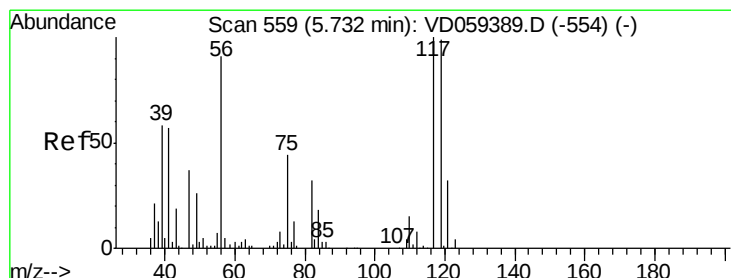
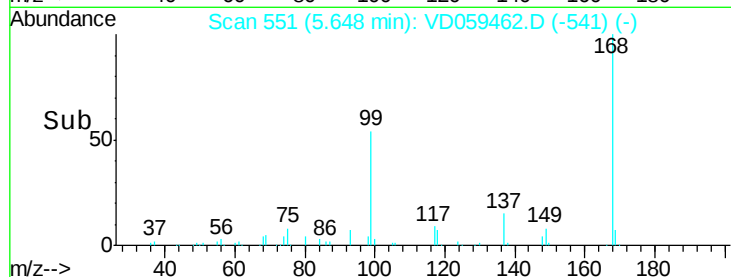
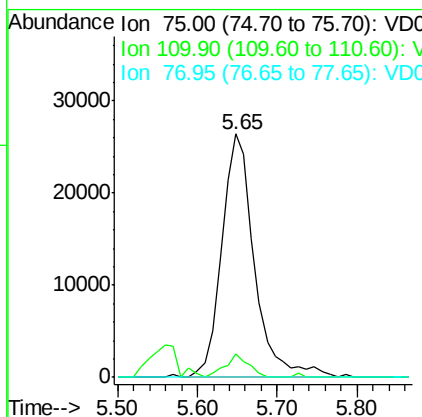
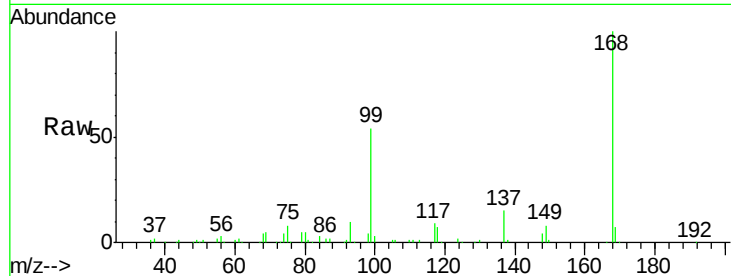




#36
 1,1-Dichloropropene
 Concen: 6.948 ug/l
 RT: 5.65 min Scan# 551
 Delta R.T. -0.10 min
 Lab File: VD059462.D
 Acq: 28 Jun 2018 14:49

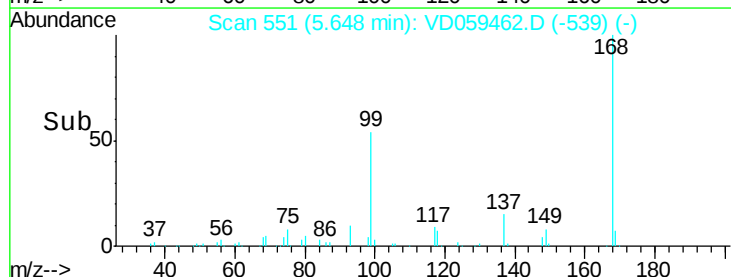
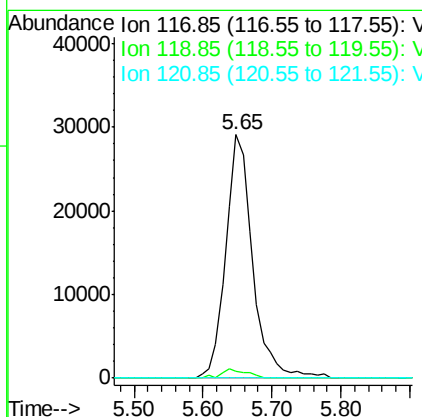
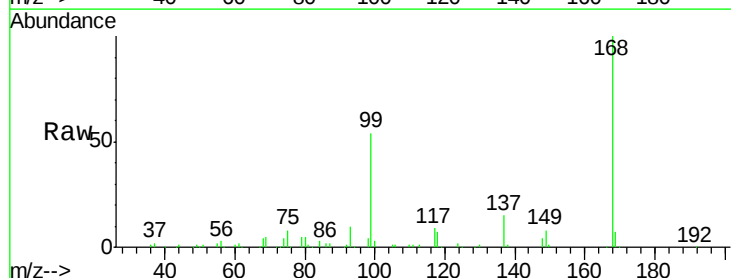
Instrument :
 MSVOA_D
 ClientSampleId :

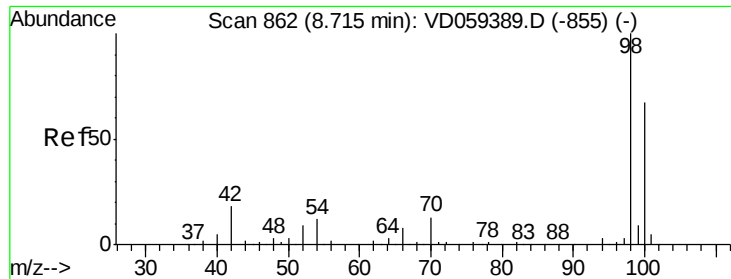
Tot Ion: 75 Resp: 75749
 Ion Ratio Lower Upper
 75 100
 110 9.6 16.1 48.2#
 77 0.0 23.4 35.2#



#38
 Carbon Tetrachloride
 Concen: 6.981 ug/l
 RT: 5.65 min Scan# 551
 Delta R.T. -0.08 min
 Lab File: VD059462.D
 Acq: 28 Jun 2018 14:49

Tgt Ion: 117 Resp: 78476
 Ion Ratio Lower Upper
 117 100
 119 2.8 76.6 115.0#
 121 0.0 25.0 37.4#

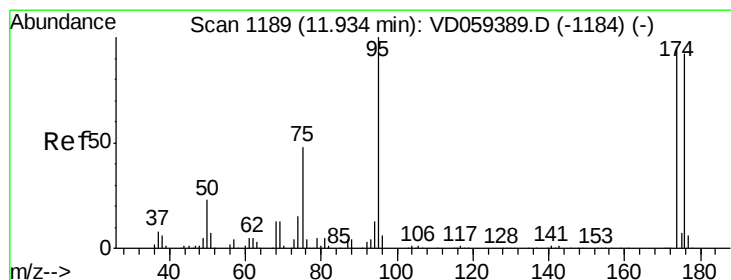
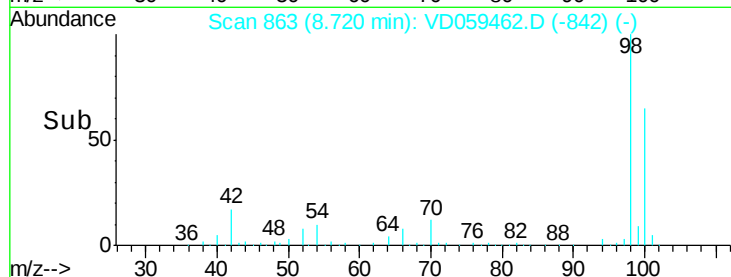
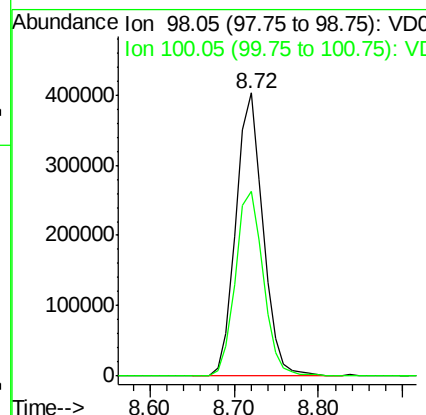
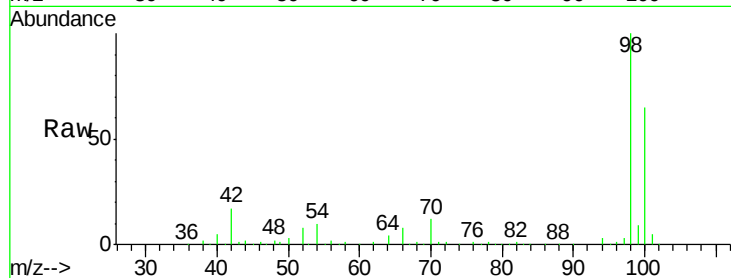




#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.72 min Scan# 863
Delta R.T. 0.00 min
Lab File: VD059462.D
Acq: 28 Jun 2018 14:49

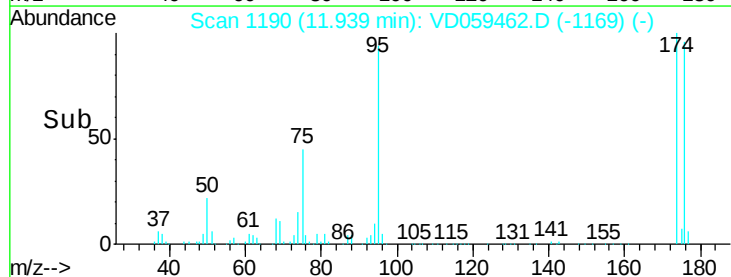
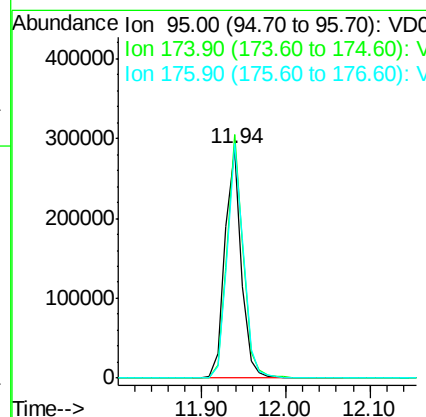
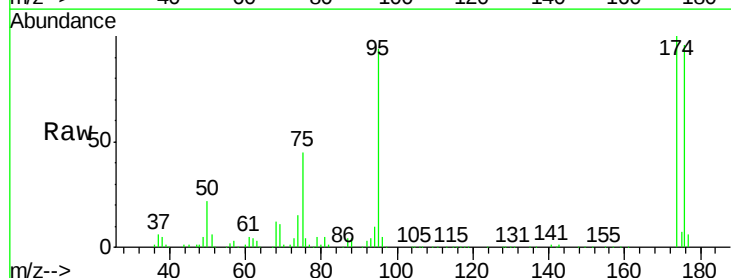
Instrument :
MSVOA_D
ClientSampleId :

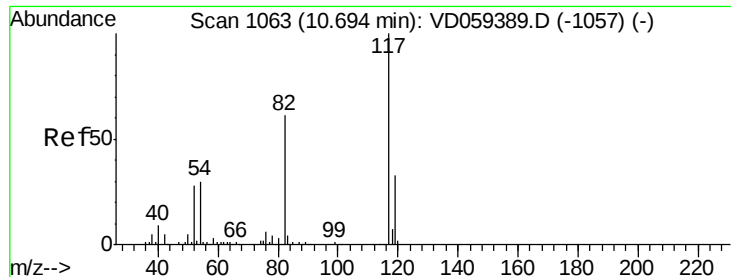
Tot Ion: 98 Resp: 907079
Ion Ratio Lower Upper
98 100
100 65.3 54.4 81.6



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.94 min Scan# 1190
Delta R.T. 0.00 min
Lab File: VD059462.D
Acq: 28 Jun 2018 14:49

Tgt Ion: 95 Resp: 389172
Ion Ratio Lower Upper
95 100
174 106.4 0.0 190.4
176 102.7 0.0 183.2

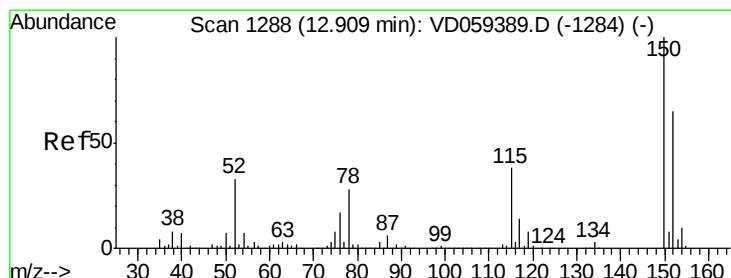
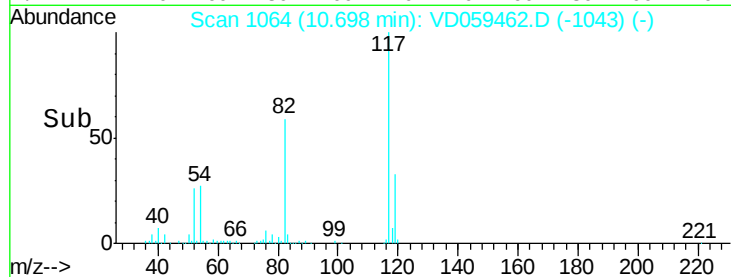
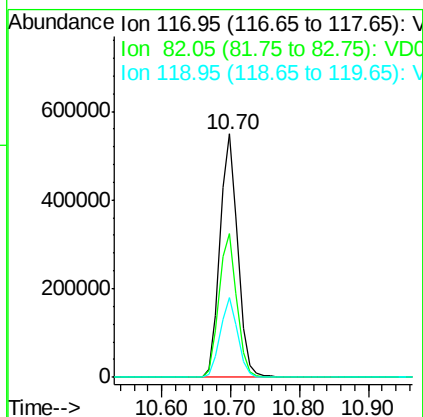
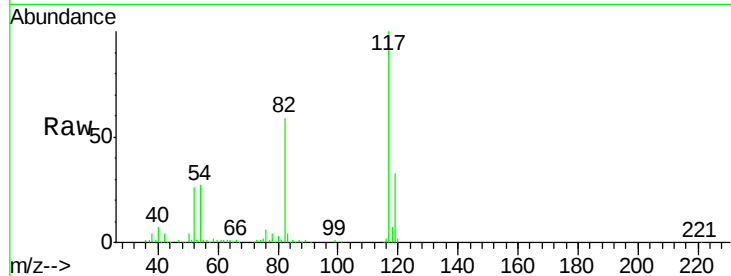




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.70 min Scan# 1064
Delta R.T. 0.00 min
Lab File: VD059462.D
Acq: 28 Jun 2018 14:49

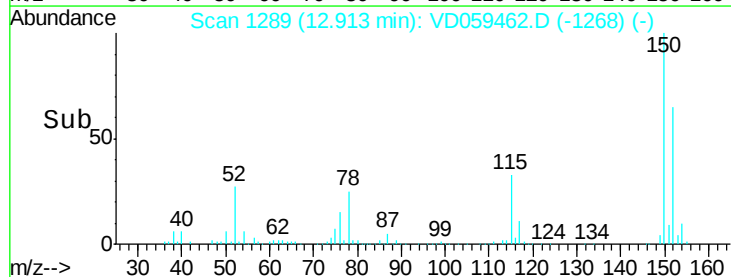
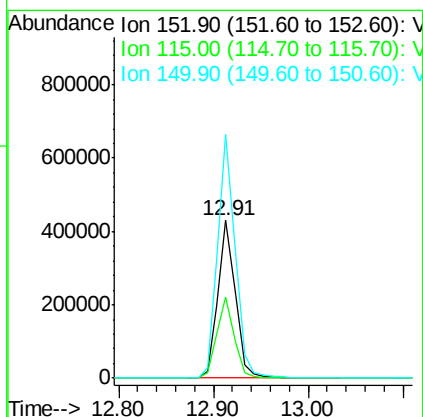
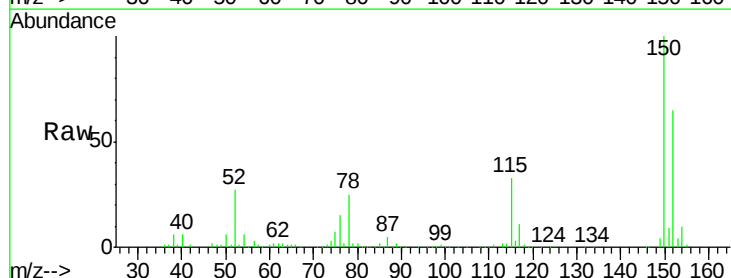
Instrument :
MSVOA_D
ClientSampleId :

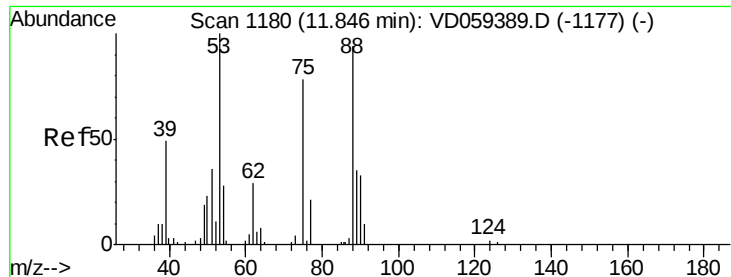
Tot Ion:117 Resp: 982589
Ion Ratio Lower Upper
117 100
82 58.9 49.0 73.6
119 32.8 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.91 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VD059462.D
Acq: 28 Jun 2018 14:49

Tgt Ion:152 Resp: 552606
Ion Ratio Lower Upper
152 100
115 51.3 29.4 88.3
150 154.4 0.0 308.2





#81

trans-1,4-Dichloro-2-butene

Concen: 108.815 ug/l

RT: 11.94 min Scan# 1190

Delta R.T. 0.09 min

Lab File: VD059462.D

Acq: 28 Jun 2018 14:49

Instrument :

MSVOA_D

ClientSampleId :

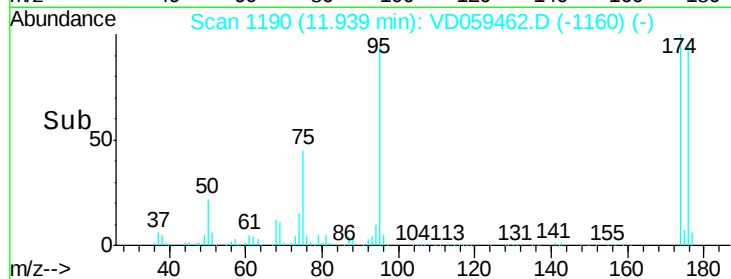
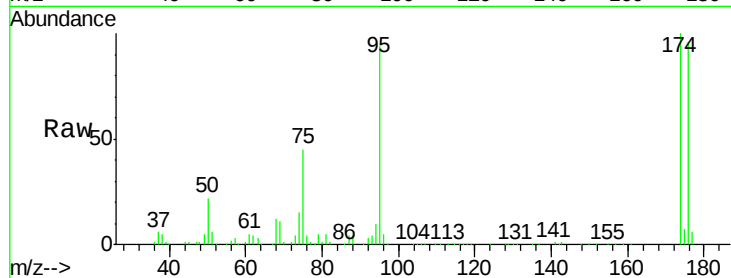
Tot Ion: 75 Resp: 188521

Ion Ratio Lower Upper

75 100

53 0.0 102.6 154.0#

89 0.0 35.9 53.9#



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

