

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062718\
 Data File : VD059449.D
 Acq On : 27 Jun 2018 17:23
 Operator : VA/AP
 Sample : J3629-14
 Misc : 6.22g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 28 02:58:59 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	5.65	168	668616	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	870249	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	661859	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	258426	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.02	65	281302	41.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.28%	
35) Dibromofluoromethane	5.55	113	296264	41.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.60%	
50) Toluene-d8	8.71	98	575081	34.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.40%	
62) 4-Bromofluorobenzene	11.93	95	220921	32.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.10%	

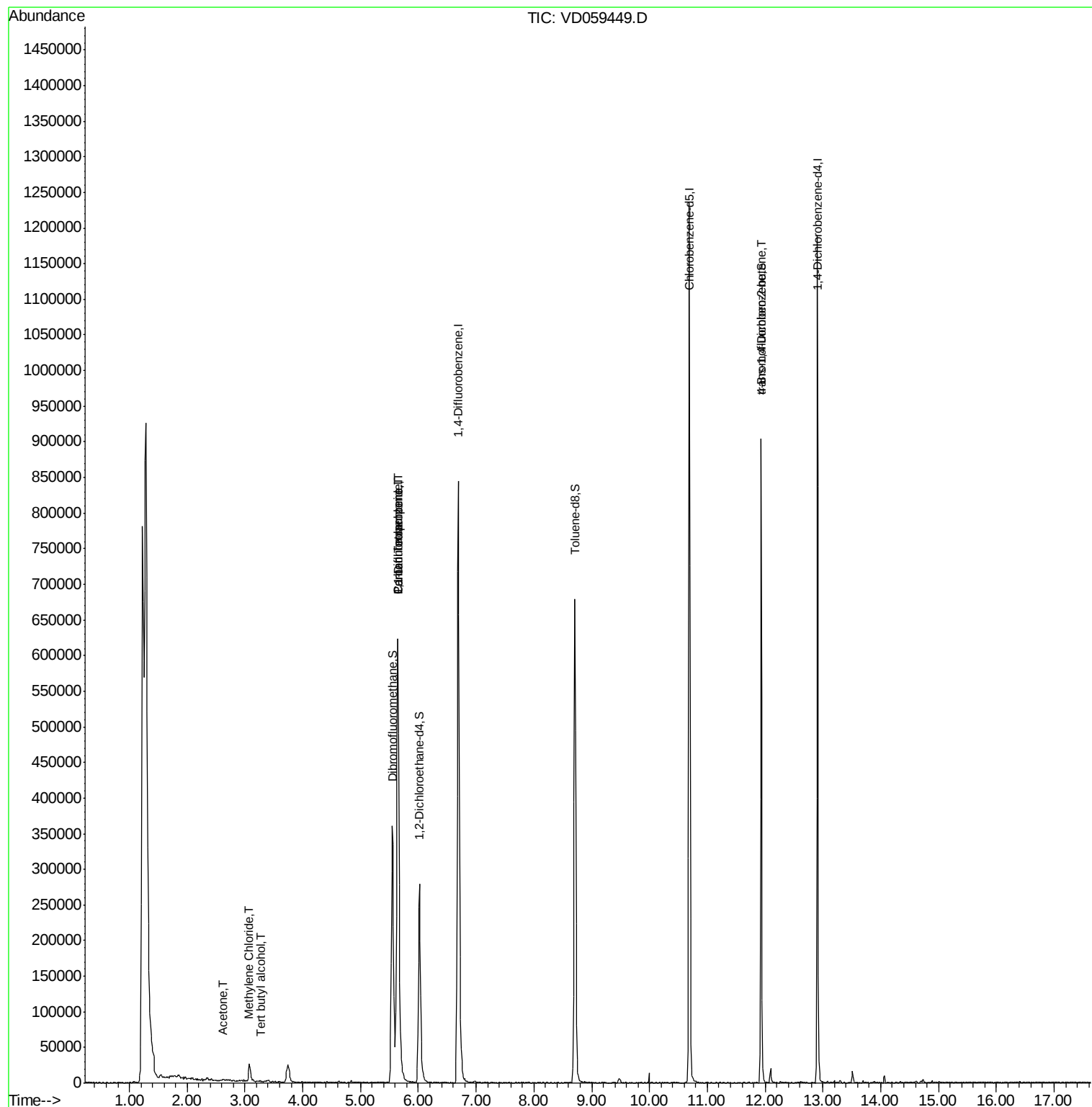
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.79	94	467	Below Cal	#	4
11) Tert butyl alcohol	3.27	59	237	1.002	ug/l #	72
16) Acetone	2.63	43	3048	3.532	ug/l #	55
18) Methyl Acetate	2.95	43	1820	Below Cal	#	66
20) Methylene Chloride	3.07	84	11322	2.353	ug/l #	80
31) Cyclohexane	5.65	56	14349	Below Cal	#	1
36) 1,1-Dichloropropene	5.64	75	53417	6.766	ug/l #	49
38) Carbon Tetrachloride	5.65	117	55924	6.871	ug/l #	15
81) trans-1,4-Dichloro-2-buten	11.93	75	108963	134.489	ug/l #	1

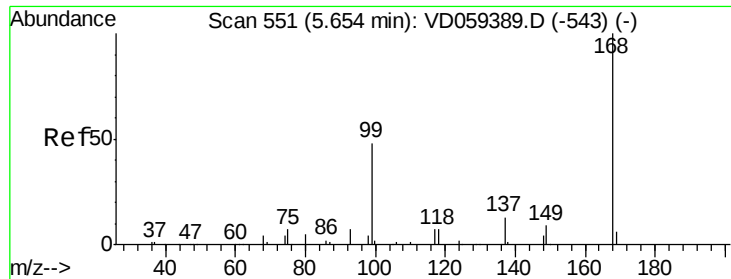
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062718\
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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: 5.65 min Scan# 551

Delta R.T. -0.01 min

Lab File: VD059449.D

Acq: 27 Jun 2018 17:23

Instrument :

MSVOA_D

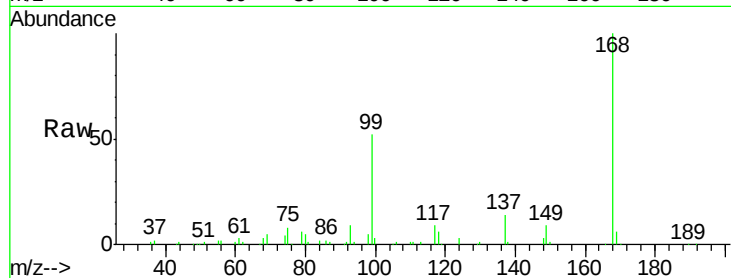
ClientSampleId :

Tot Ion:168 Resp: 668616

Ion Ratio Lower Upper

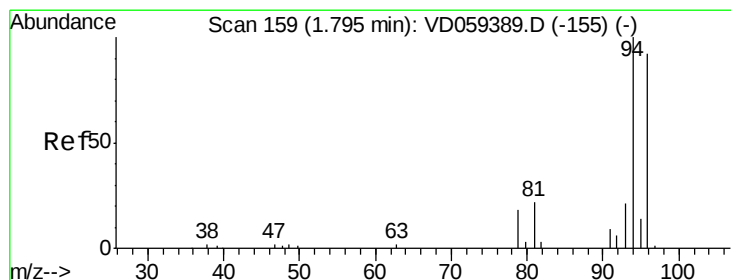
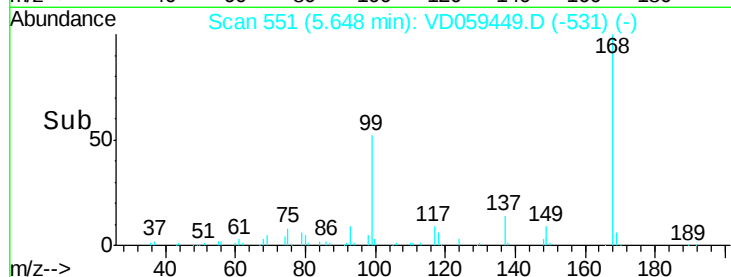
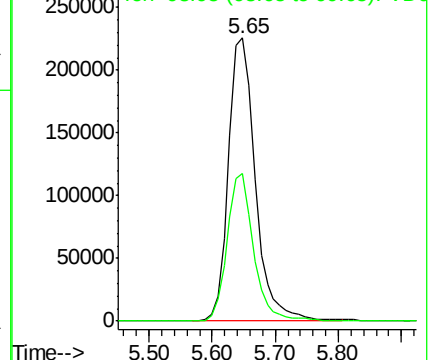
168 100

99 52.0 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: 1.79 min Scan# 159

Delta R.T. -0.00 min

Lab File: VD059449.D

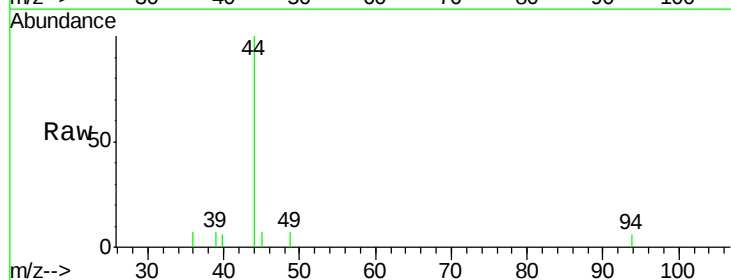
Acq: 27 Jun 2018 17:23

Tgt Ion: 94 Resp: 467

Ion Ratio Lower Upper

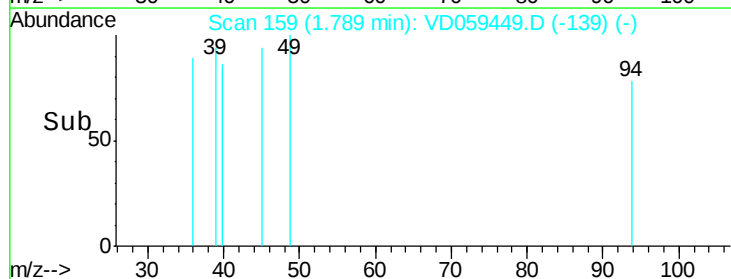
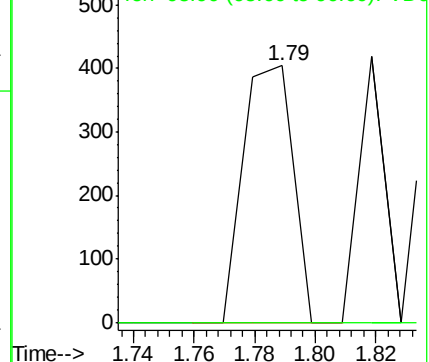
94 100

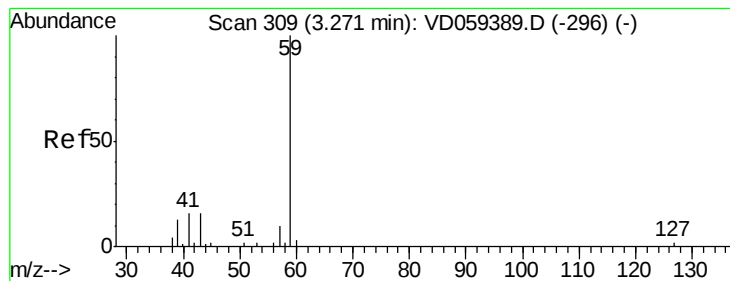
96 0.0 73.4 110.0#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



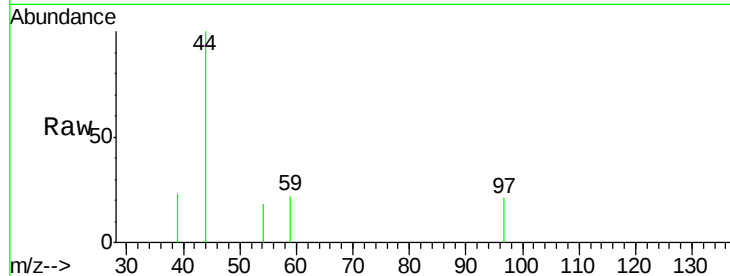


#11

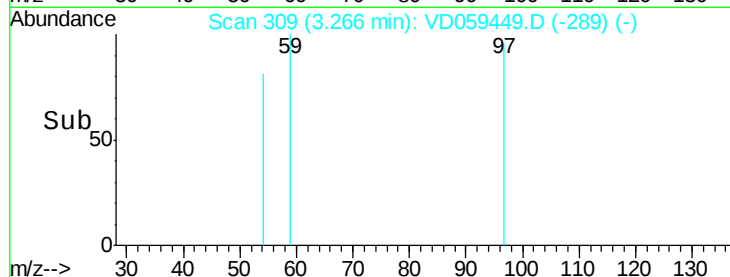
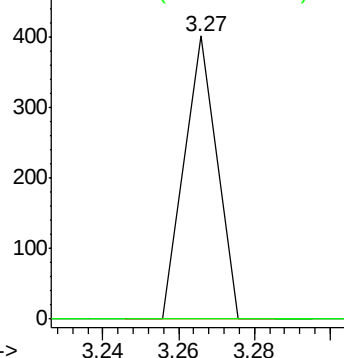
Tert butyl alcohol
 Concen: 1.002 ug/l
 RT: 3.27 min Scan# 309
 Delta R.T. -0.01 min
 Lab File: VD059449.D
 Acq: 27 Jun 2018 17:23

Instrument :
 MSVOA_D
 ClientSampled :

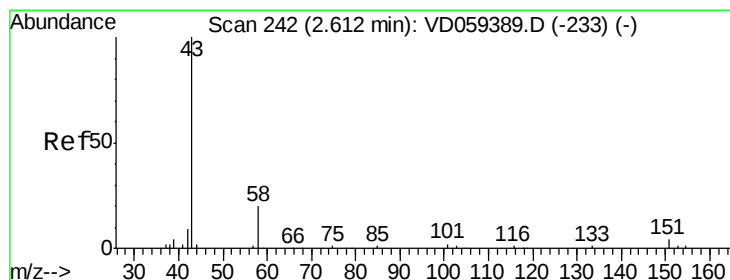
Tot Ion: 59 Resp: 237
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#



Abundance Ion 58.95 (58.65 to 59.65): VDC
 Ion 56.95 (56.65 to 57.65): VDC



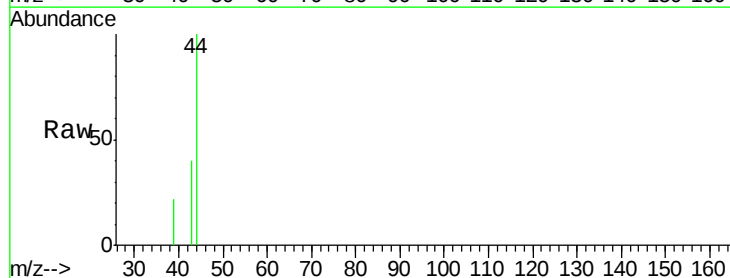
Time-->



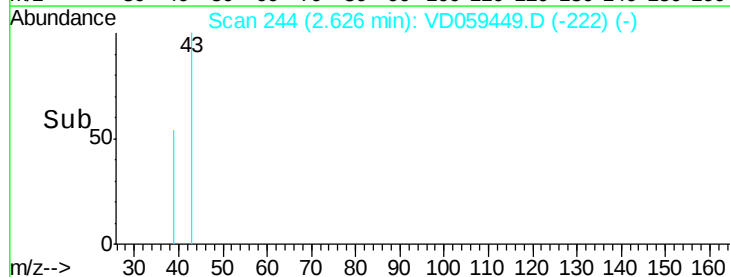
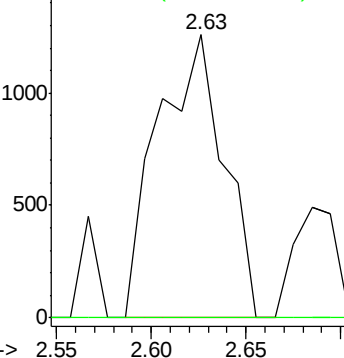
#16

Acetone
 Concen: 3.532 ug/l
 RT: 2.63 min Scan# 244
 Delta R.T. 0.01 min
 Lab File: VD059449.D
 Acq: 27 Jun 2018 17:23

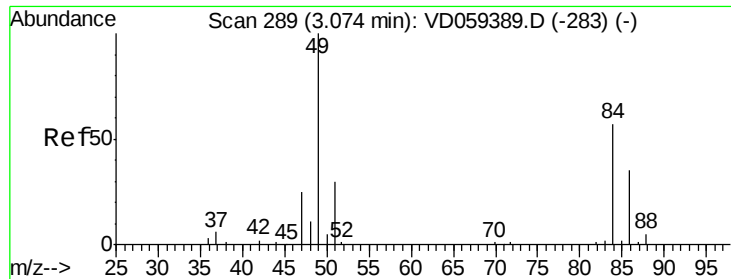
Tgt Ion: 43 Resp: 3048
 Ion Ratio Lower Upper
 43 100
 58 0.0 16.8 25.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC
 Ion 57.95 (57.65 to 58.65): VDC



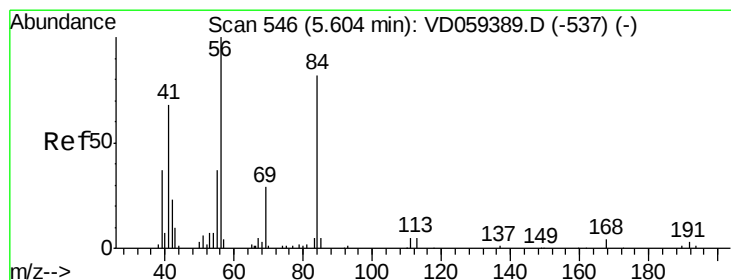
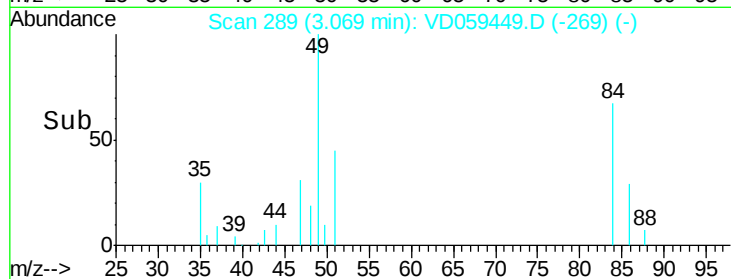
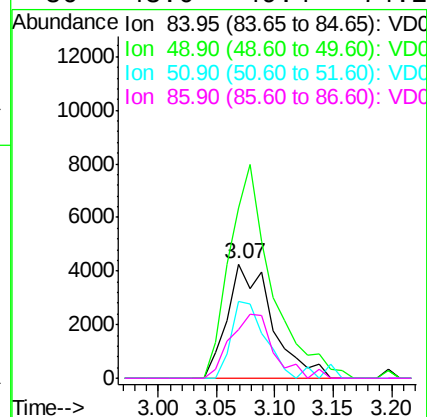
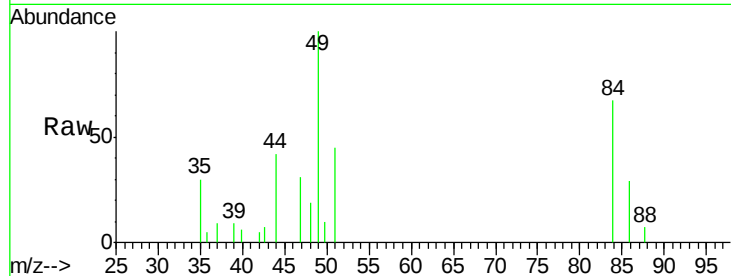
Time-->



#20
Methvlene Chloride
Concen: 2.353 ua/l
RT: 3.07 min Scan# 289
Delta R.T. -0.01 min
Lab File: VD059449.D
Acq: 27 Jun 2018 17:23

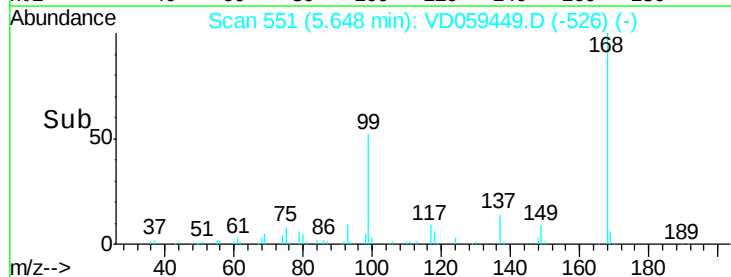
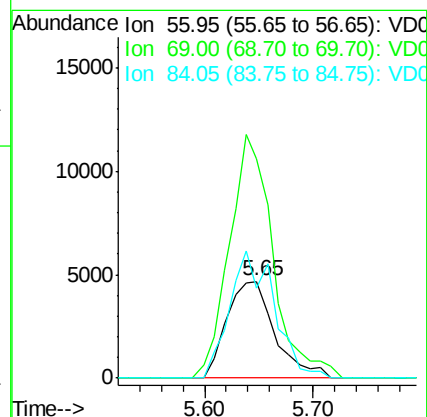
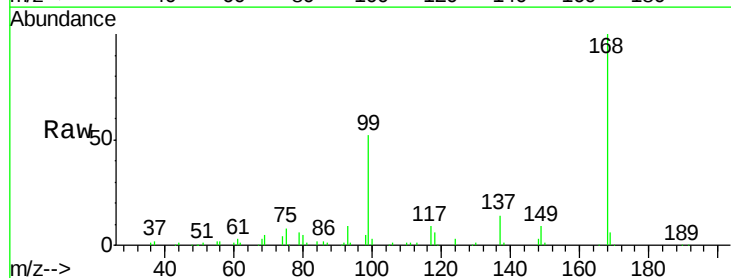
Instrument :
MSVOA_D
ClientSampleId :

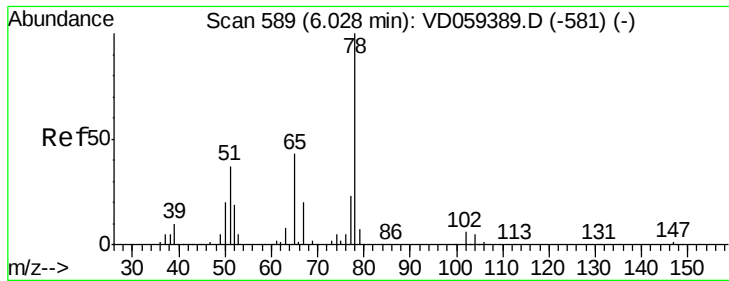
Tot Ion: 84 Resp: 11322
Ion Ratio Lower Upper
84 100
49 149.4 140.3 210.5
51 67.0 41.6 62.4#
86 43.0 49.4 74.2#



#31
Cyclohexane
Concen: Below Cal
RT: 5.65 min Scan# 551
Delta R.T. 0.04 min
Lab File: VD059449.D
Acq: 27 Jun 2018 17:23

Tgt Ion: 56 Resp: 14349
Ion Ratio Lower Upper
56 100
69 226.0 22.9 34.3#
84 92.9 67.3 100.9

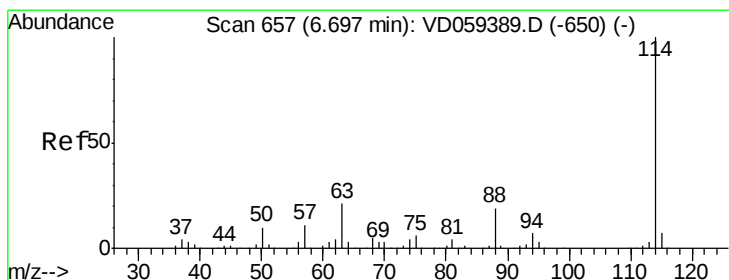
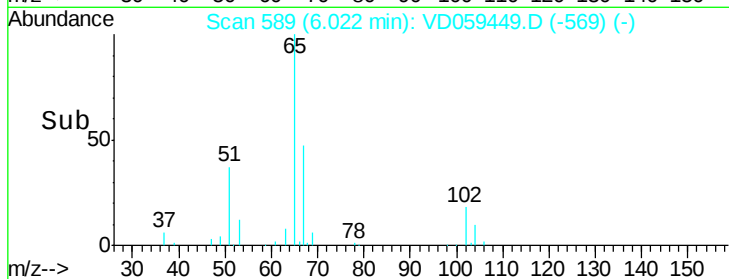
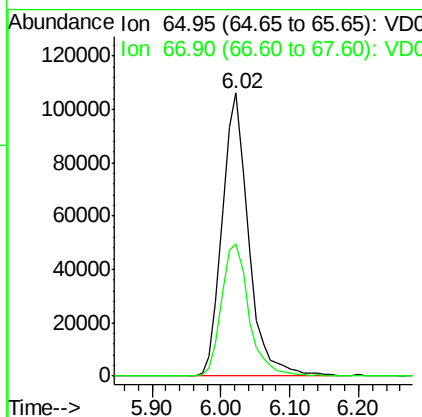
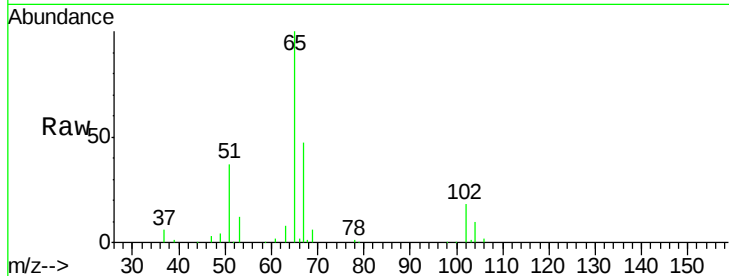




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.02 min Scan# 589
 Delta R.T. -0.01 min
 Lab File: VD059449.D
 Acq: 27 Jun 2018 17:23

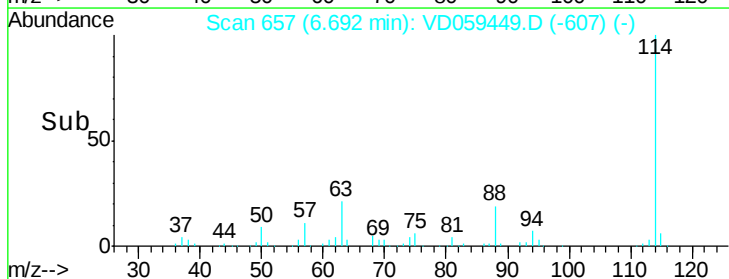
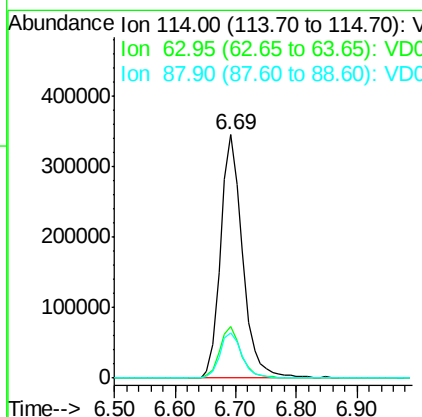
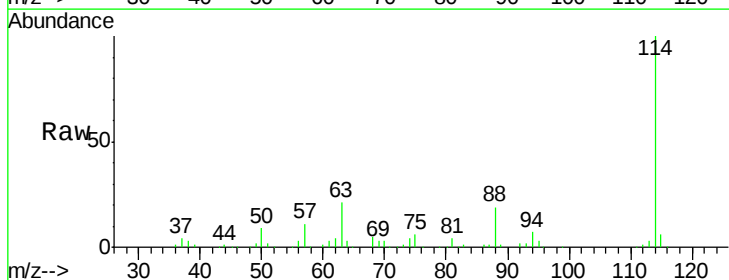
Instrument :
 MSVOA_D
 ClientSampleId :

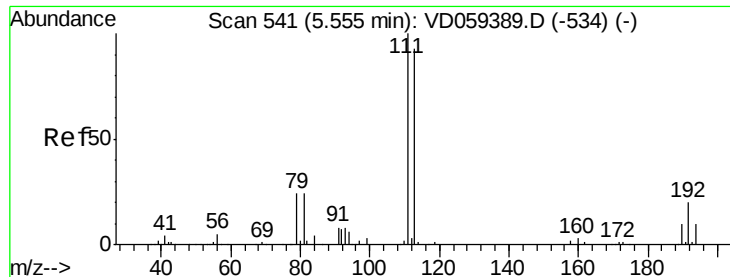
Tot Ion: 65 Resp: 281302
 Ion Ratio Lower Upper
 65 100
 67 46.6 0.0 93.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VD059449.D
 Acq: 27 Jun 2018 17:23

Tgt Ion: 114 Resp: 870249
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 42.4
 88 18.8 0.0 38.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 5.55 min Scan# 541

Delta R.T. -0.01 min

Lab File: VD059449.D

Acq: 27 Jun 2018 17:23

Instrument :
MSVOA_D
ClientSampled :

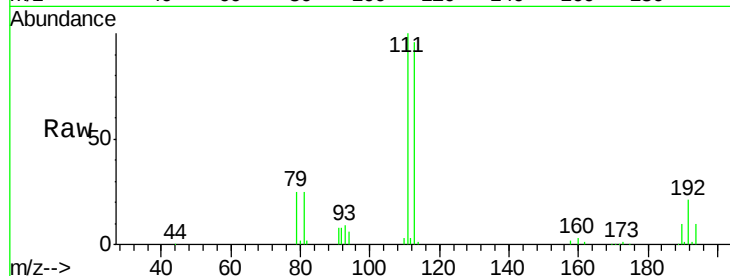
Tot Ion:113 Resp: 296264

Ion Ratio Lower Upper

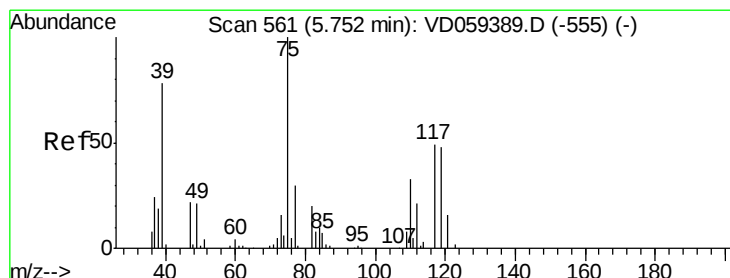
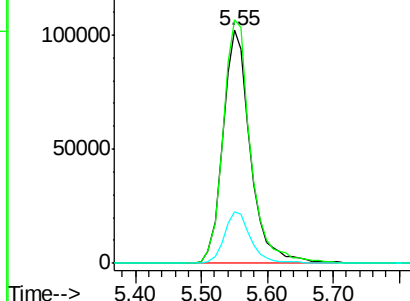
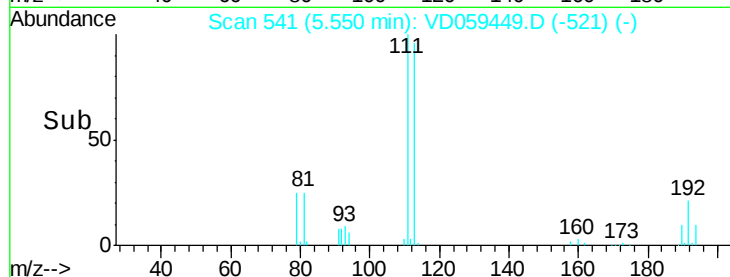
113 100

111 104.5 85.7 128.5

192 22.3 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: 6.766 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.11 min

Lab File: VD059449.D

Acq: 27 Jun 2018 17:23

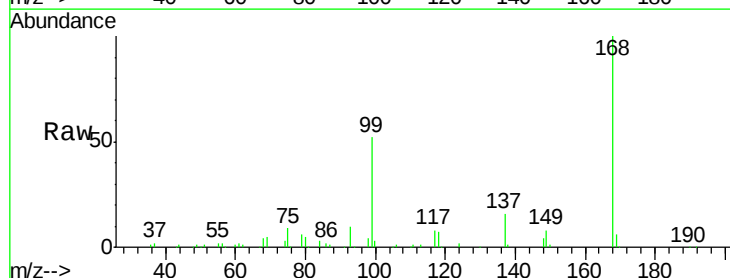
Tgt Ion: 75 Resp: 53417

Ion Ratio Lower Upper

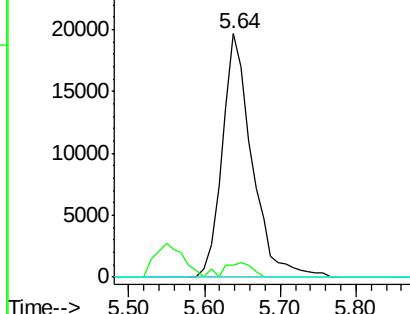
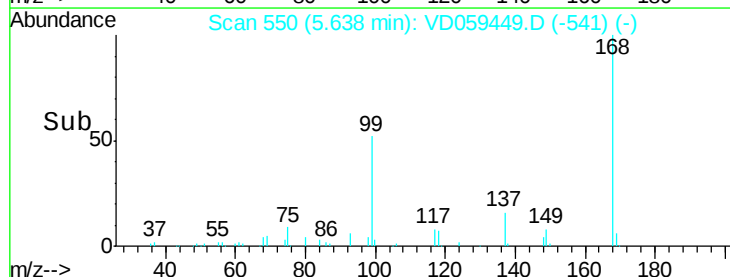
75 100

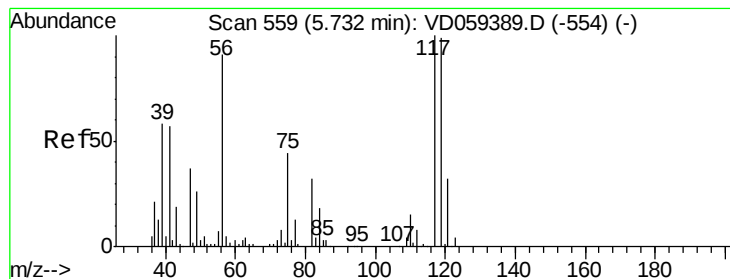
110 5.0 16.1 48.2#

77 0.0 23.4 35.2#



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 109.90 (109.60 to 110.60): V
Ion 76.95 (76.65 to 77.65): VDC





#38

Carbon Tetrachloride

Concen: 6.871 ug/l

RT: 5.65 min Scan# 551

Delta R.T. -0.08 min

Lab File: VD059449.D

Acq: 27 Jun 2018 17:23

Instrument :
MSVOA_D
ClientSampled :

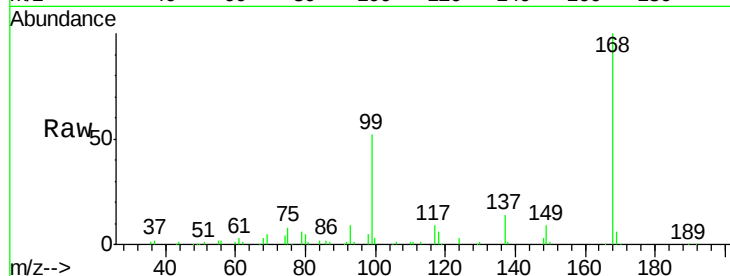
Tot Ion:117 Resp: 55924

Ion Ratio Lower Upper

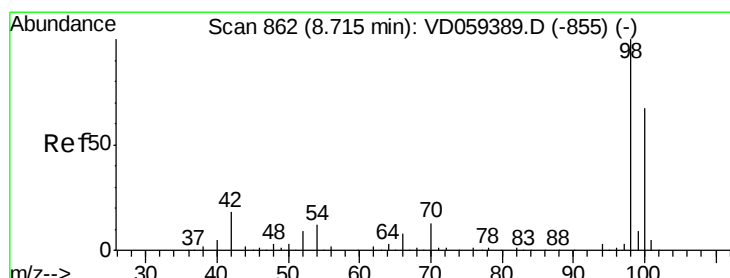
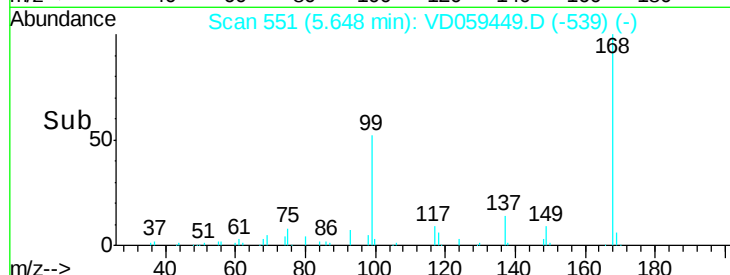
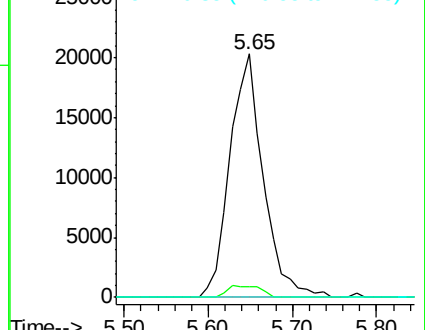
117 100

119 4.2 76.6 115.0#

121 0.0 25.0 37.4#



Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V



#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.71 min Scan# 862

Delta R.T. -0.01 min

Lab File: VD059449.D

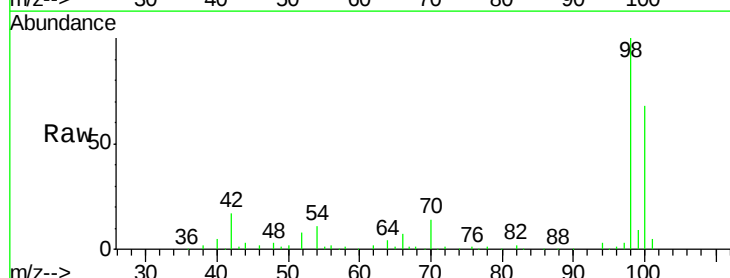
Acq: 27 Jun 2018 17:23

Tgt Ion: 98 Resp: 575081

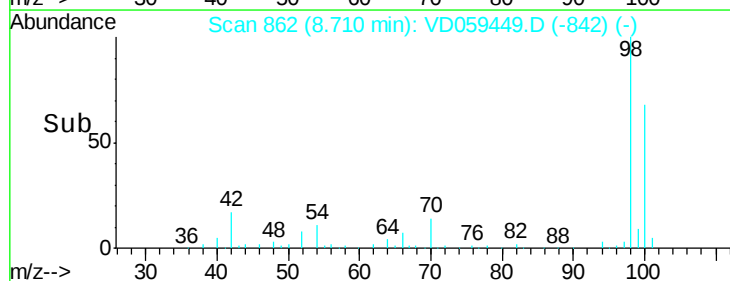
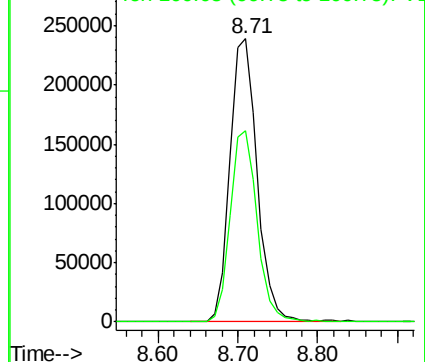
Ion Ratio Lower Upper

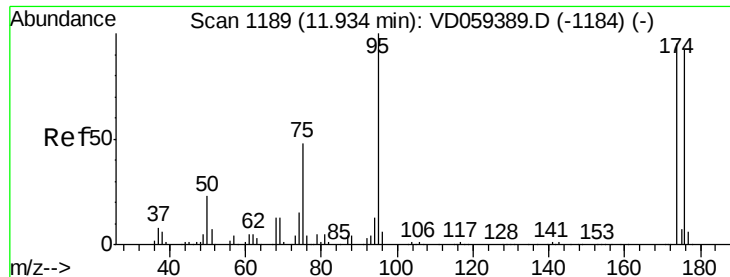
98 100

100 67.7 54.4 81.6



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

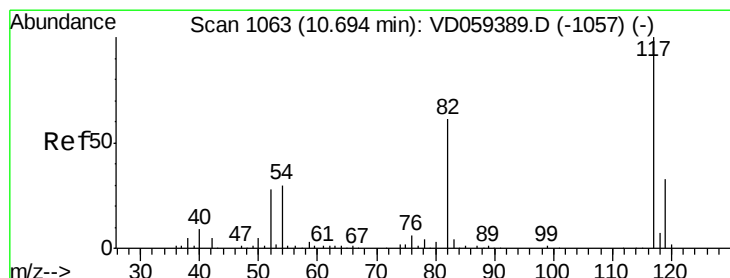
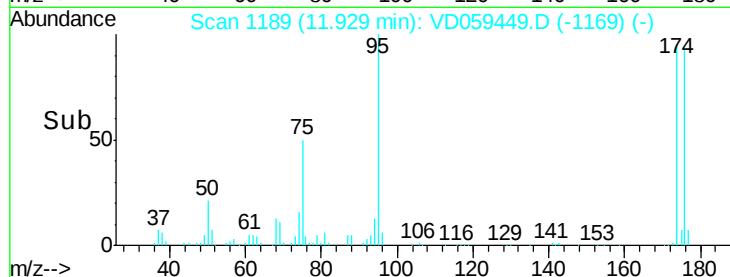
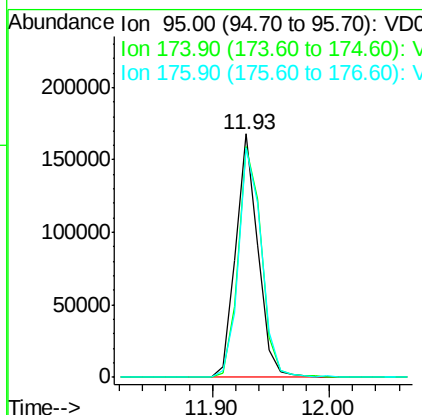
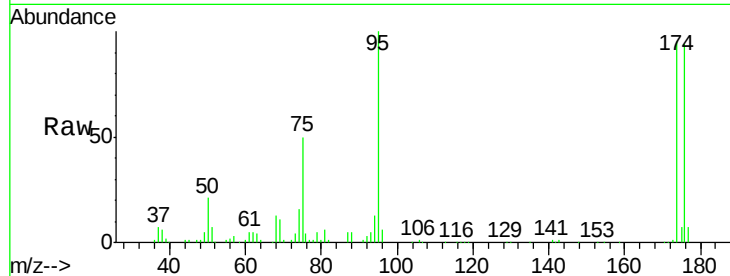




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. -0.01 min
Lab File: VD059449.D
Acq: 27 Jun 2018 17:23

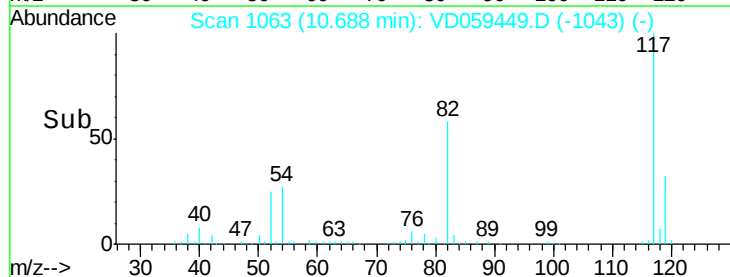
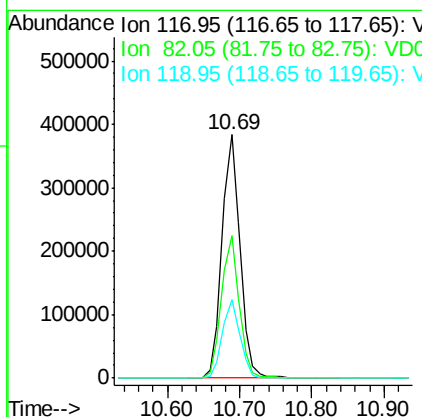
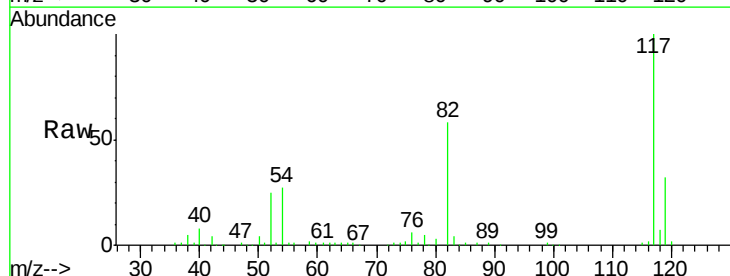
Instrument :
MSVOA_D
ClientSampleId :

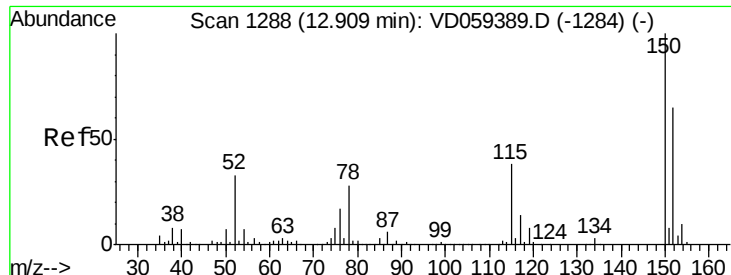
Tot Ion: 95 Resp: 220921
Ion Ratio Lower Upper
95 100
174 94.9 0.0 190.4
176 94.4 0.0 183.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. -0.01 min
Lab File: VD059449.D
Acq: 27 Jun 2018 17:23

Tgt Ion: 117 Resp: 661859
Ion Ratio Lower Upper
117 100
82 58.4 49.0 73.6
119 32.3 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.90 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VD059449.D

Acq: 27 Jun 2018 17:23

Instrument :

MSVOA_D

ClientSampleId :

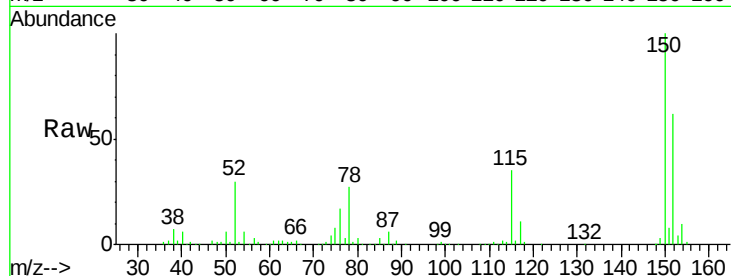
Tot Ion:152 Resp: 258426

Ion Ratio Lower Upper

152 100

115 56.4 29.4 88.3

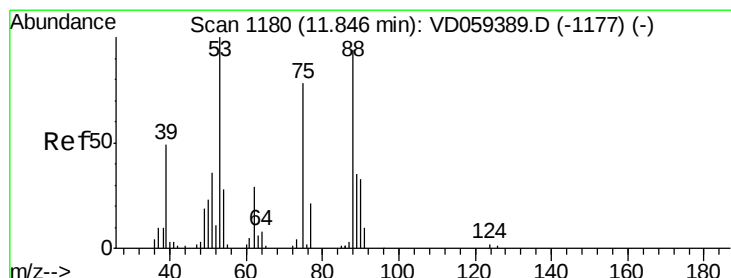
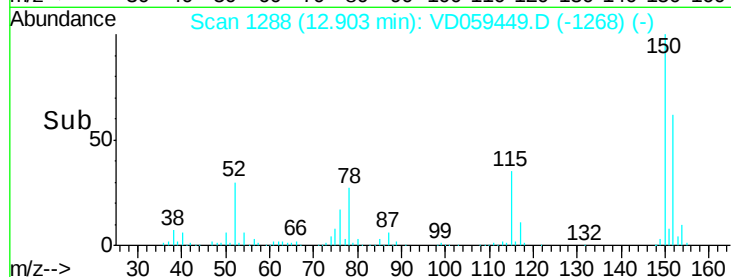
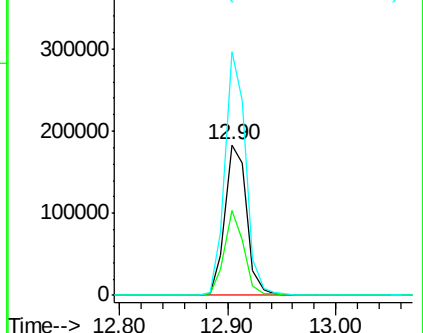
150 161.7 0.0 308.2



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: 134.489 ug/l

RT: 11.93 min Scan# 1189

Delta R.T. 0.08 min

Lab File: VD059449.D

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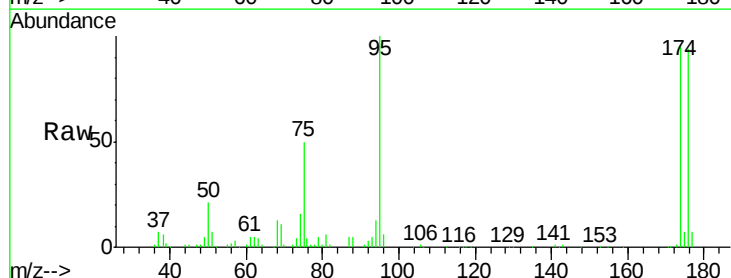
Tgt Ion: 75 Resp: 108963

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

