

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062718\
 Data File : VD059454.D
 Acq On : 27 Jun 2018 19:44
 Operator : VA/AP
 Sample : J3629-03RE
 Misc : 6.23g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 28 02:59:51 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	506967	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	665020	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	495180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	184213	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	232385	44.82	ug/l	0.00
Spiked Amount			Recovery	=	89.64%	
35) Dibromofluoromethane	5.55	113	240058	44.32	ug/l	0.00
Spiked Amount			Recovery	=	88.64%	
50) Toluene-d8	8.71	98	438456	34.62	ug/l	0.00
Spiked Amount			Recovery	=	69.24%	
62) 4-Bromofluorobenzene	11.93	95	163480	31.04	ug/l	0.00
Spiked Amount			Recovery	=	62.08%	

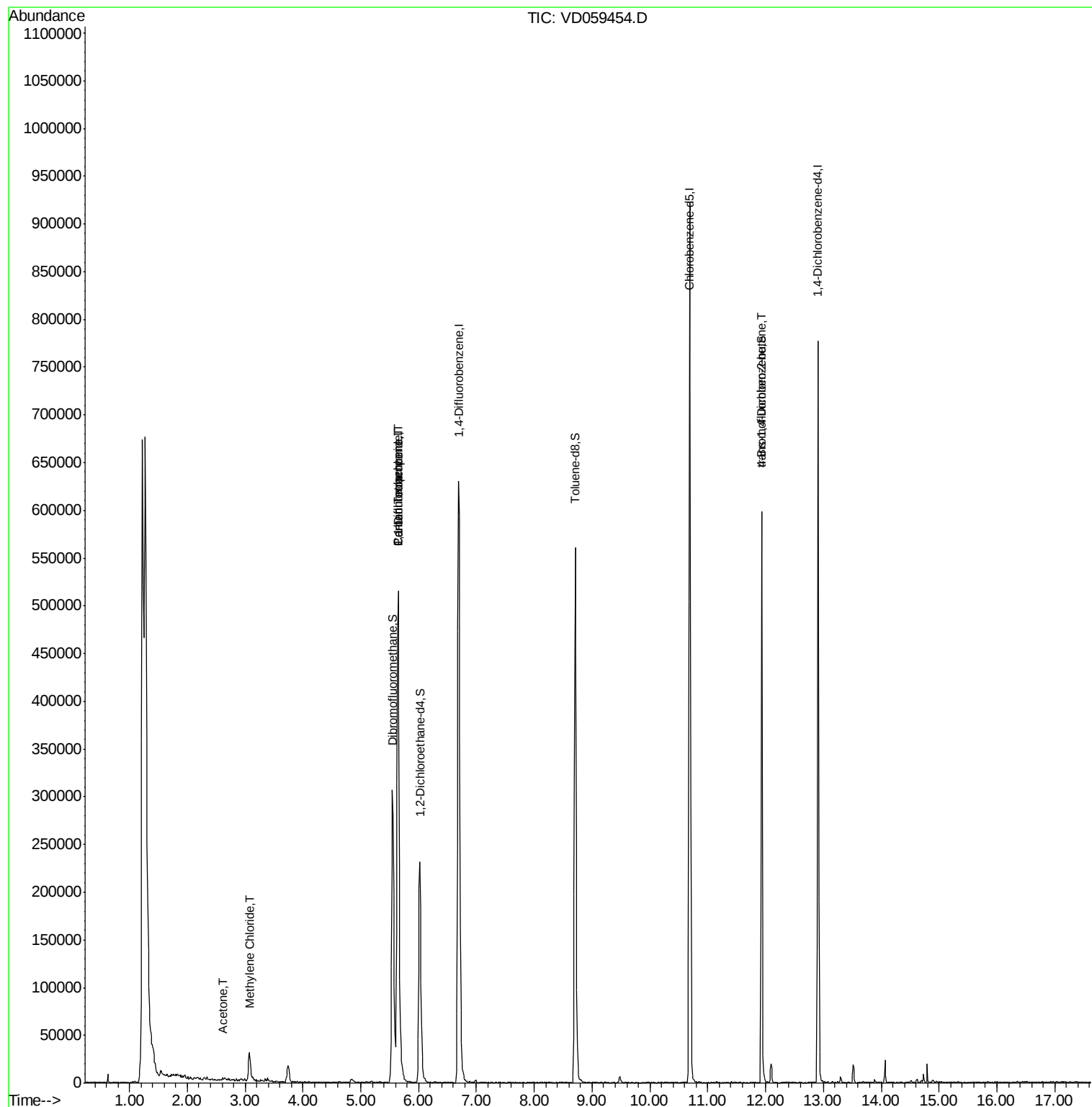
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.92	94	234	Below Cal	#	4
16) Acetone	2.61	43	2542	3.885	ug/l #	55
18) Methyl Acetate	2.95	43	1114	Below Cal	#	66
20) Methylene Chloride	3.08	84	14165	5.590	ug/l #	82
31) Cyclohexane	5.64	56	11667	Below Cal	#	1
36) 1,1-Dichloropropene	5.64	75	40279	6.677	ug/l #	48
38) Carbon Tetrachloride	5.65	117	40471	6.507	ug/l #	16
81) trans-1,4-Dichloro-2-buten	11.93	75	83956	145.370	ug/l #	1

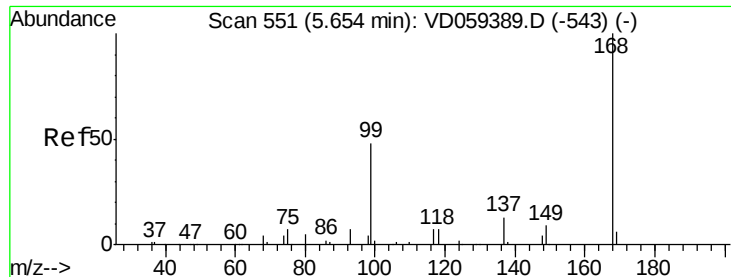
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD059454.D

Acq: 27 Jun 2018 19:44

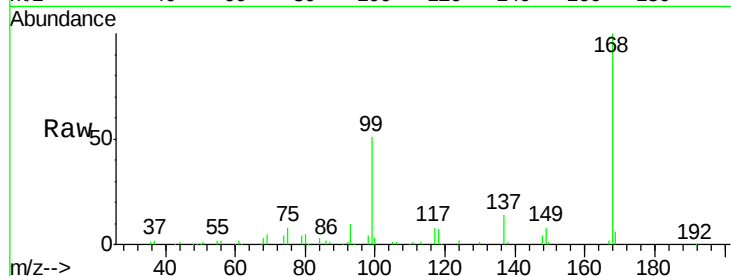
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 506967

Ion Ratio Lower Upper

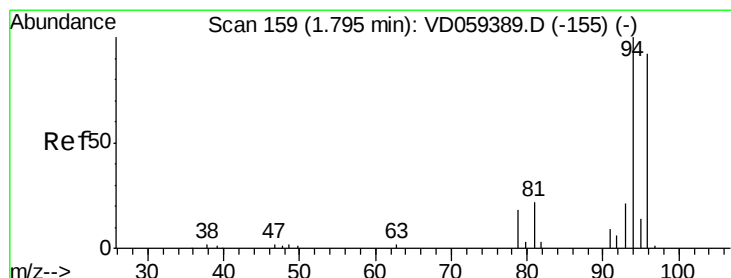
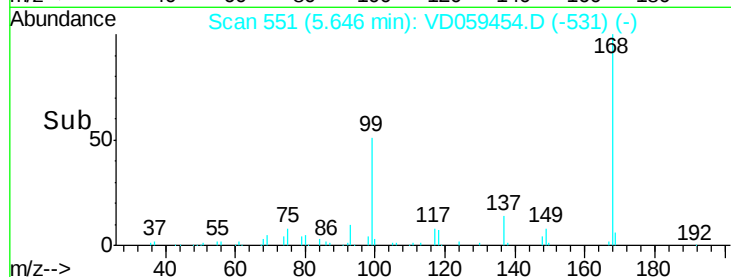
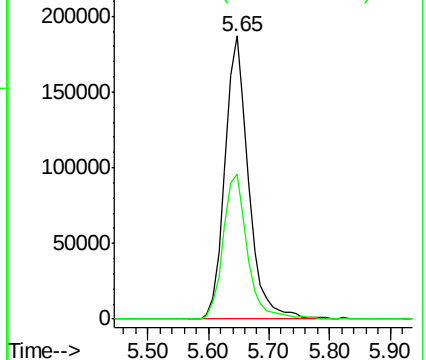
168 100

99 51.2 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: 1.92 min Scan# 172

Delta R.T. 0.12 min

Lab File: VD059454.D

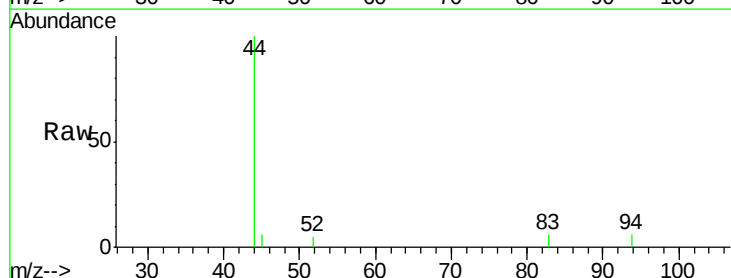
Acq: 27 Jun 2018 19:44

Tgt Ion: 94 Resp: 234

Ion Ratio Lower Upper

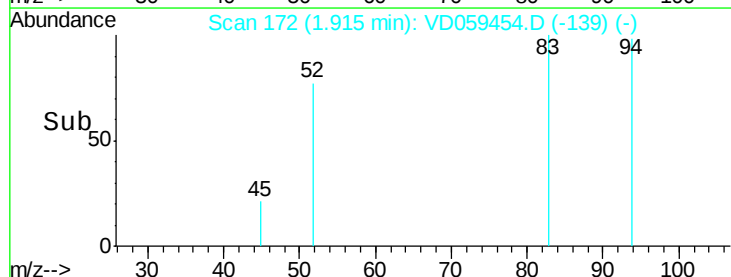
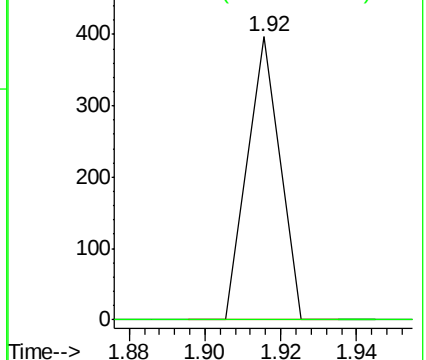
94 100

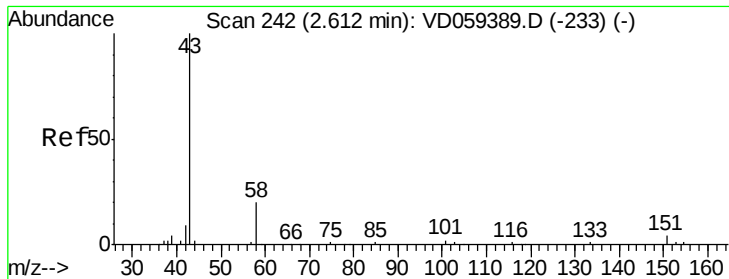
96 0.0 73.4 110.0#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC





#16

Acetone

Concen: 3.885 ug/l

RT: 2.61 min Scan# 243

Delta R.T. 0.00 min

Lab File: VD059454.D

Acq: 27 Jun 2018 19:44

Instrument :

MSVOA_D

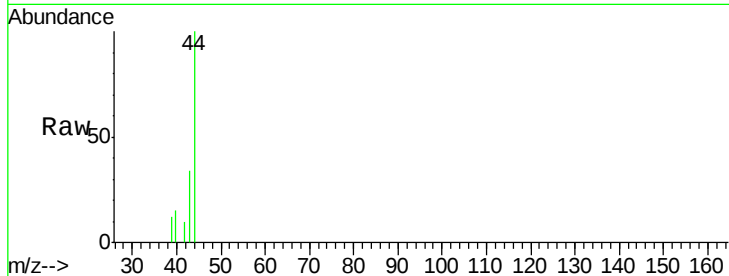
ClientSampleId :

Tot Ion: 43 Resp: 2542

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

2.61

1200

1000

800

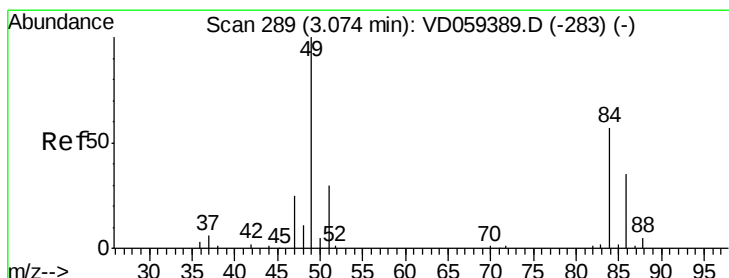
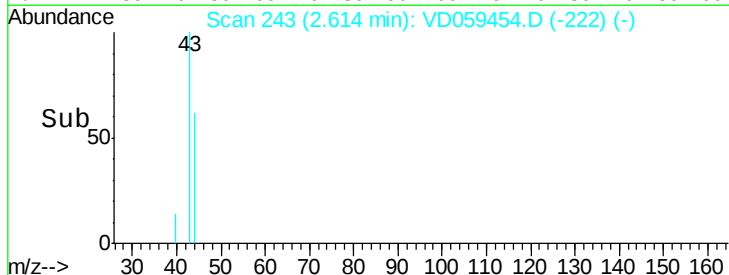
600

400

200

0

Time-->



#20

Methylene Chloride

Concen: 5.590 ug/l

RT: 3.08 min Scan# 290

Delta R.T. 0.00 min

Lab File: VD059454.D

Acq: 27 Jun 2018 19:44

Tgt Ion: 84 Resp: 14165

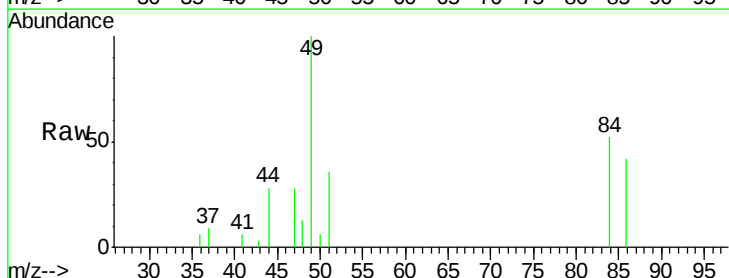
Ion Ratio Lower Upper

84 100

49 193.9 140.3 210.5

51 69.5 41.6 62.4#

86 81.8 49.4 74.2#



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

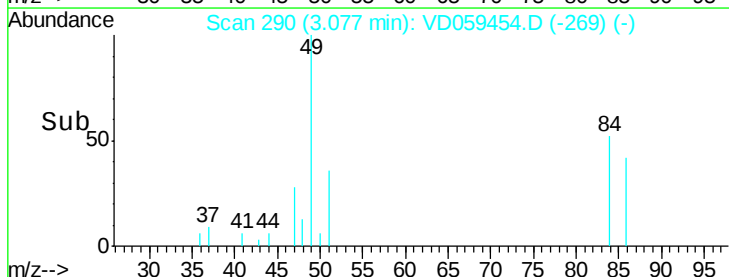
15000

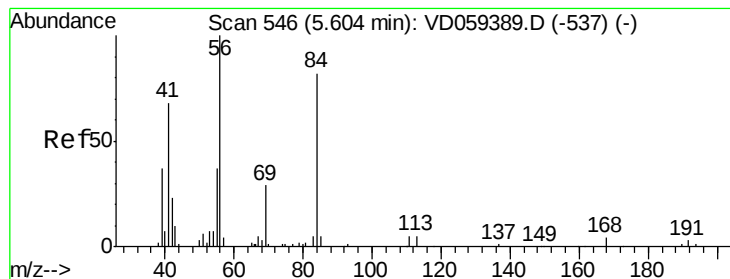
10000

5000

0

Time-->





#31

Cyclohexane

Concen: Below Cal

RT: 5.64 min Scan# 550

Delta R.T. 0.03 min

Lab File: VD059454.D

Acq: 27 Jun 2018 19:44

Instrument :

MSVOA_D

ClientSampleId :

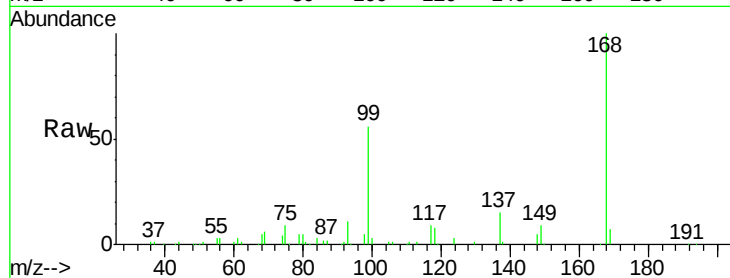
Tot Ion: 56 Resp: 11667

Ion Ratio Lower Upper

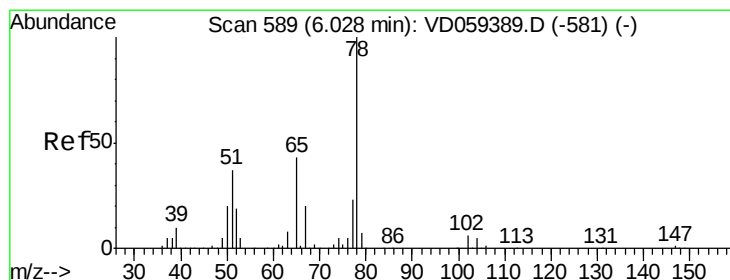
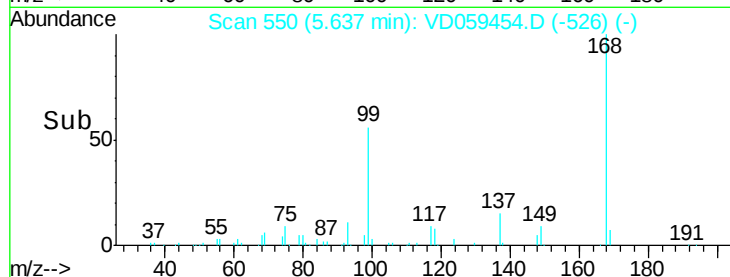
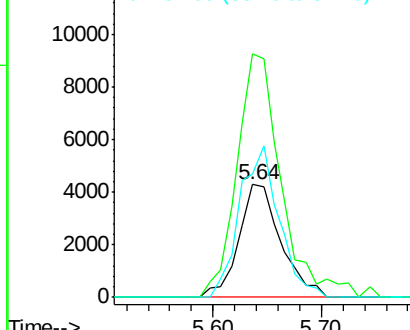
56 100

69 215.9 22.9 34.3#

84 109.4 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: 6.02 min Scan# 589

Delta R.T. -0.01 min

Lab File: VD059454.D

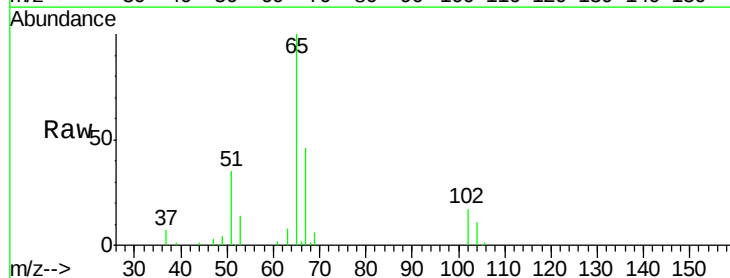
Acq: 27 Jun 2018 19:44

Tgt Ion: 65 Resp: 232385

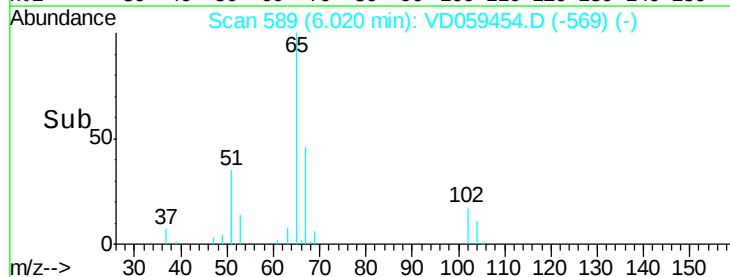
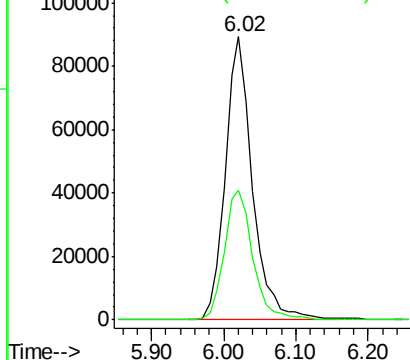
Ion Ratio Lower Upper

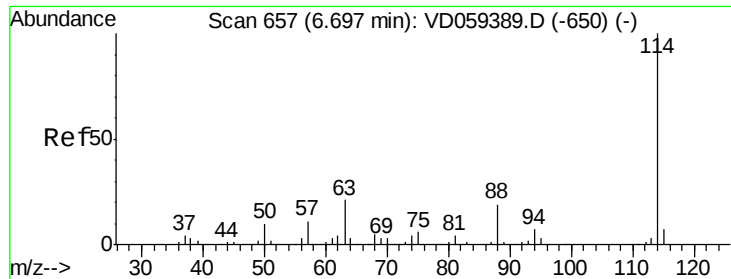
65 100

67 45.8 0.0 93.8



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

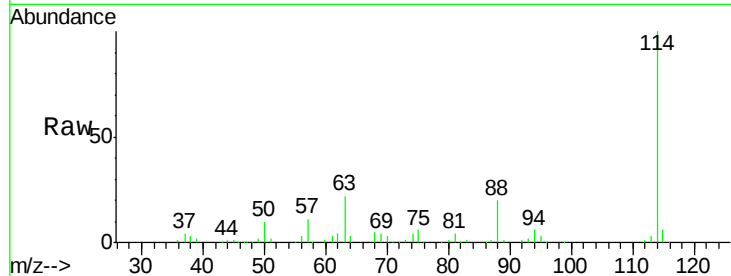




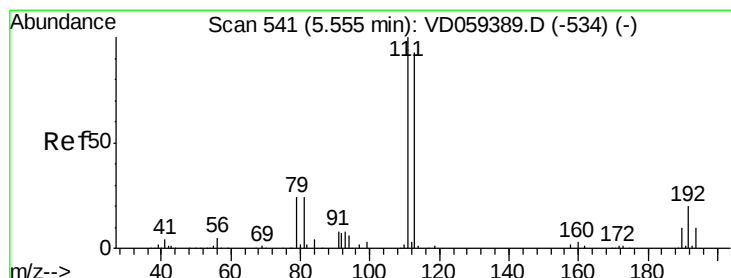
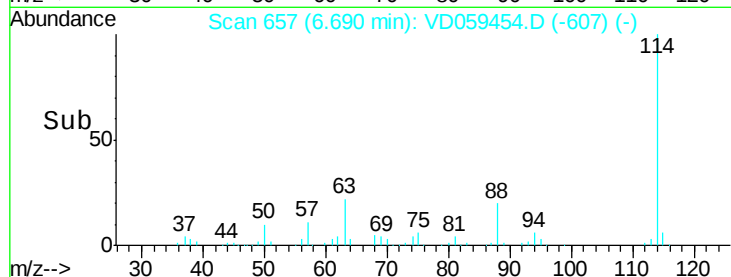
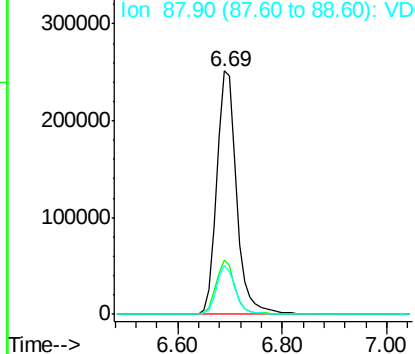
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.69 min Scan# 657
Delta R.T. -0.01 min
Lab File: VD059454.D
Acq: 27 Jun 2018 19:44

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:114 Resp: 665020
Ion Ratio Lower Upper
114 100
63 22.4 0.0 42.4
88 20.2 0.0 38.0

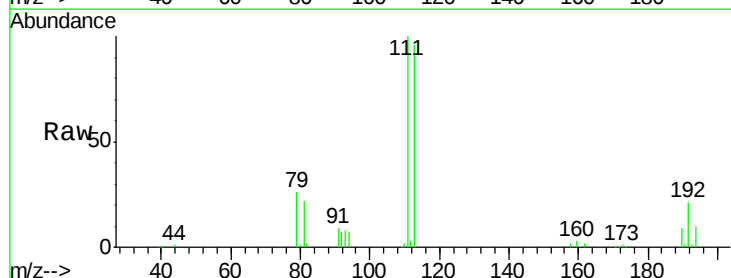


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 62.95 (62.65 to 63.65): V
Ion 87.90 (87.60 to 88.60): V

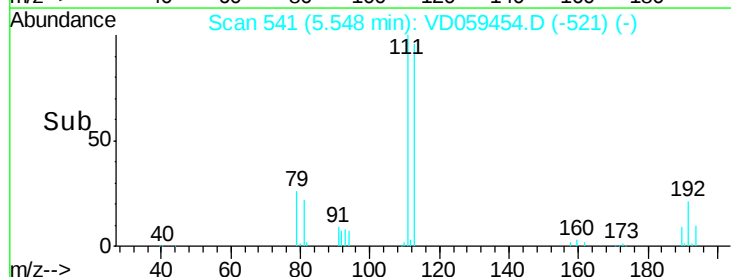
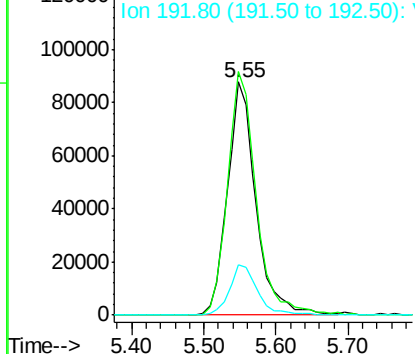


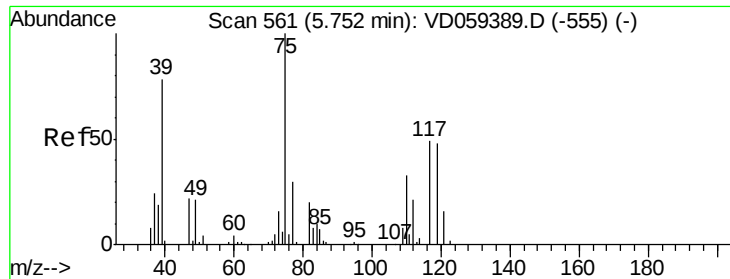
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 5.55 min Scan# 541
Delta R.T. -0.01 min
Lab File: VD059454.D
Acq: 27 Jun 2018 19:44

Tgt Ion:113 Resp: 240058
Ion Ratio Lower Upper
113 100
111 104.5 85.7 128.5
192 21.7 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

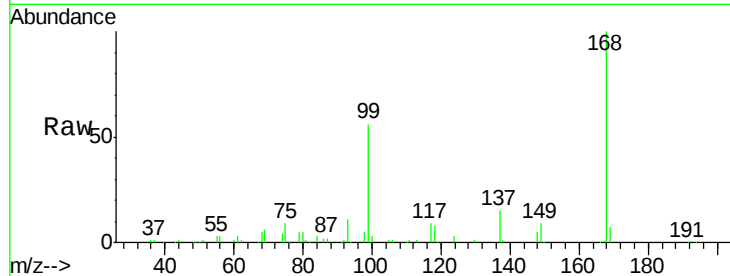




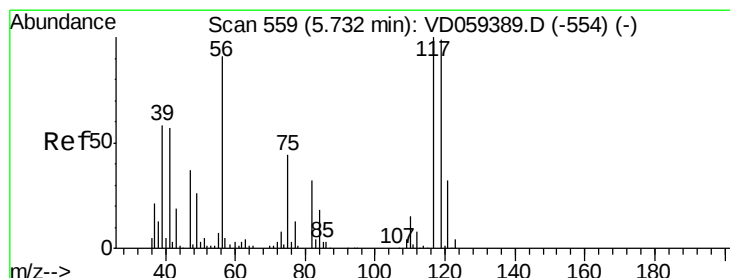
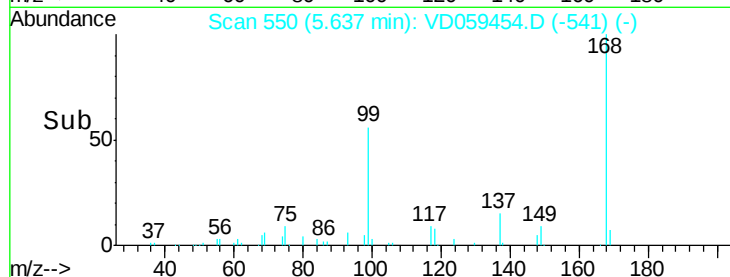
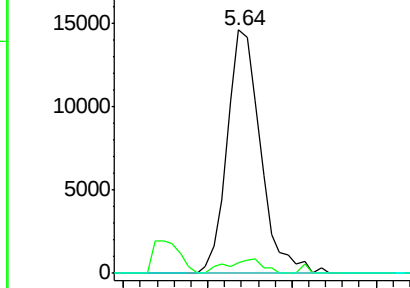
#36
 1,1-Dichloropropene
 Concen: 6.677 ug/l
 RT: 5.64 min Scan# 550
 Delta R.T. -0.12 min
 Lab File: VD059454.D
 Acq: 27 Jun 2018 19:44

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 75 Resp: 40279
 Ion Ratio Lower Upper
 75 100
 110 4.6 16.1 48.2#
 77 0.0 23.4 35.2#

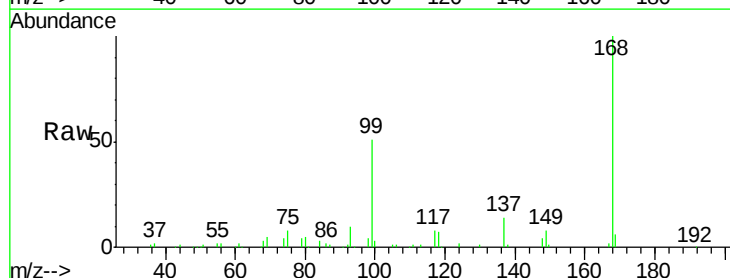


Abundance Ion 75.00 (74.70 to 75.70): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.95 (76.65 to 77.65): V

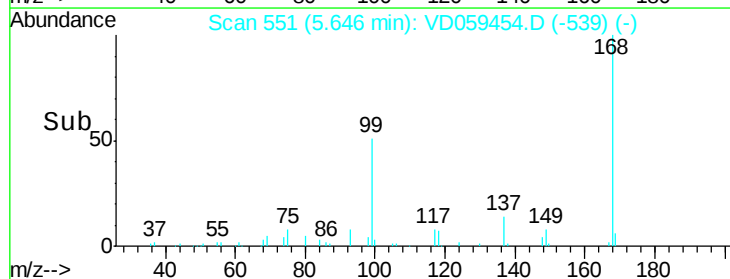
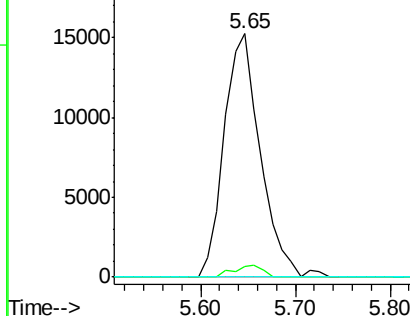


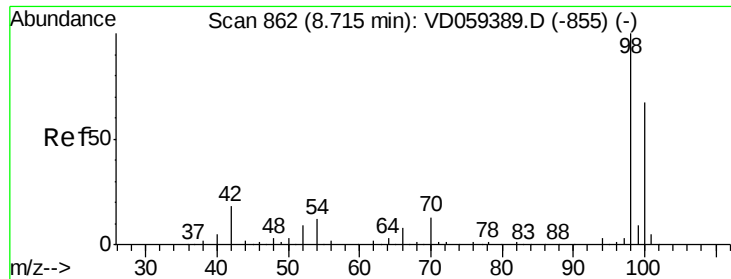
#38
 Carbon Tetrachloride
 Concen: 6.507 ug/l
 RT: 5.65 min Scan# 551
 Delta R.T. -0.09 min
 Lab File: VD059454.D
 Acq: 27 Jun 2018 19:44

Tgt Ion: 117 Resp: 40471
 Ion Ratio Lower Upper
 117 100
 119 4.5 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

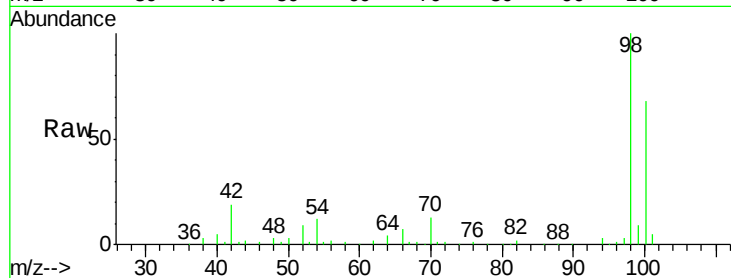




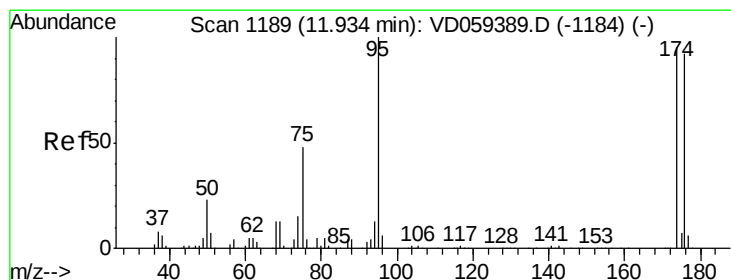
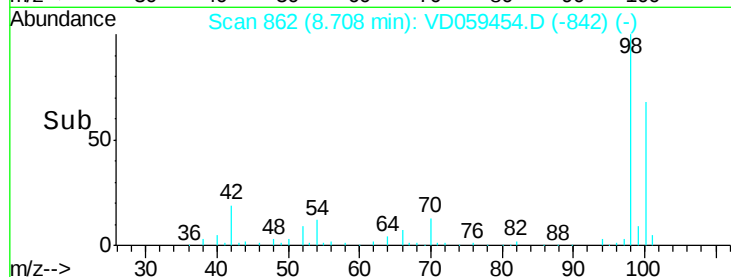
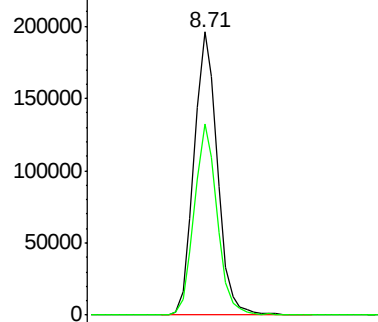
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.71 min Scan# 862
Delta R.T. -0.01 min
Lab File: VD059454.D
Acq: 27 Jun 2018 19:44

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 98 Resp: 438456
Ion Ratio Lower Upper
98 100
100 67.6 54.4 81.6

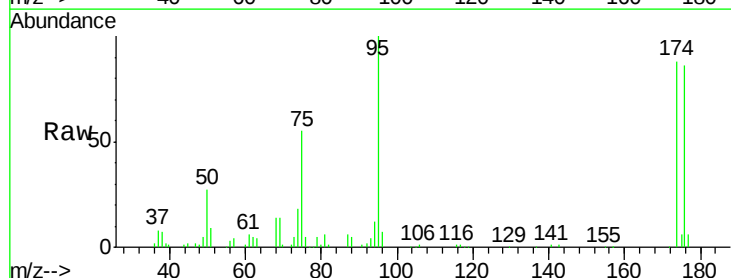


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

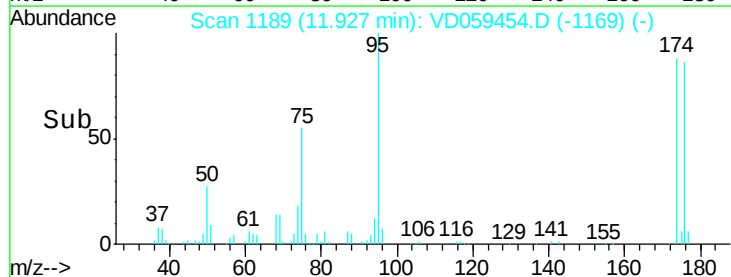
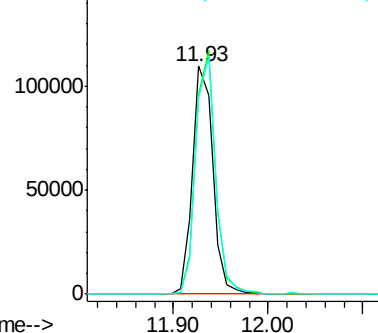


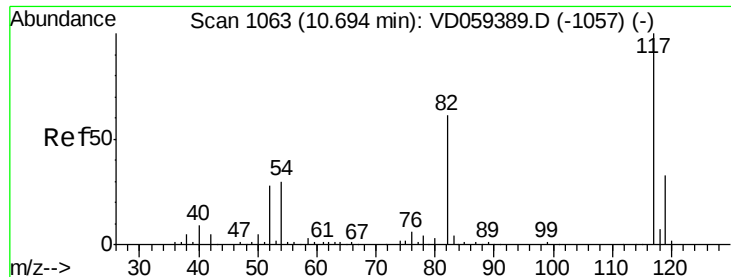
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. -0.01 min
Lab File: VD059454.D
Acq: 27 Jun 2018 19:44

Tgt Ion: 95 Resp: 163480
Ion Ratio Lower Upper
95 100
174 87.8 0.0 190.4
176 86.4 0.0 183.2



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

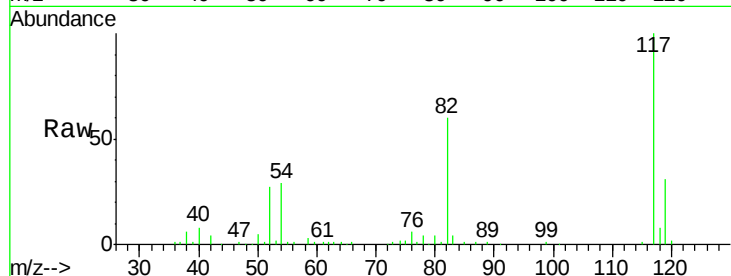




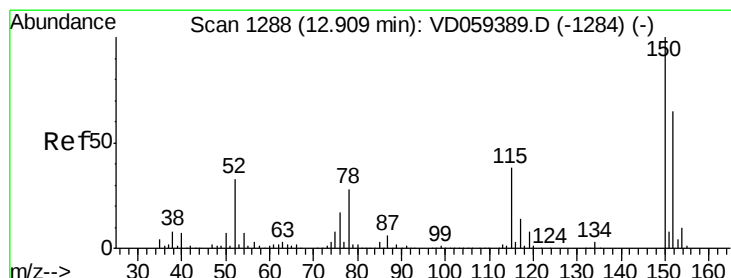
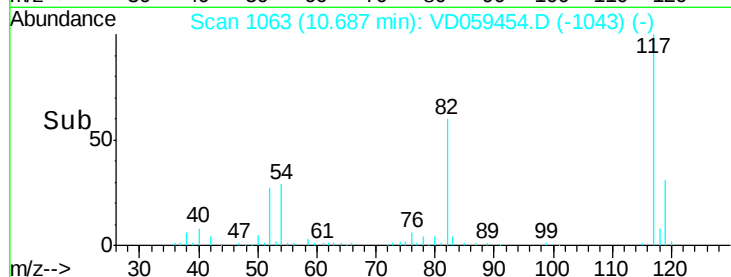
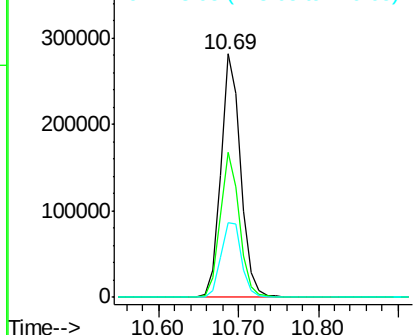
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. -0.01 min
Lab File: VD059454.D
Acq: 27 Jun 2018 19:44

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 495180
Ion Ratio Lower Upper
117 100
82 59.6 49.0 73.6
119 30.5 26.2 39.4

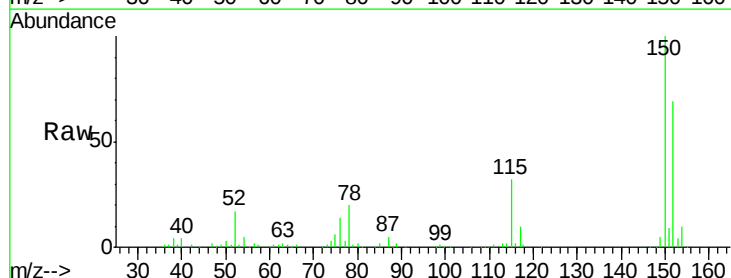


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

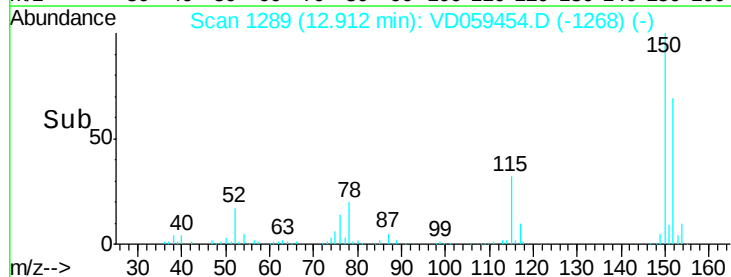
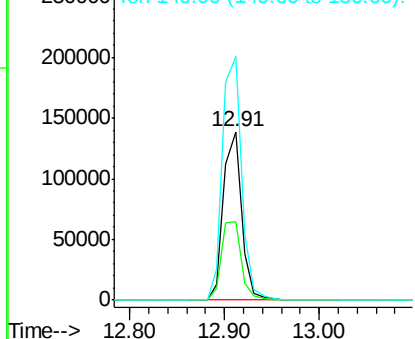


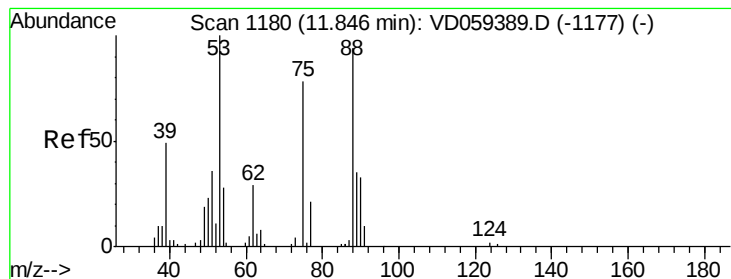
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.91 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VD059454.D
Acq: 27 Jun 2018 19:44

Tgt Ion:152 Resp: 184213
Ion Ratio Lower Upper
152 100
115 46.4 29.4 88.3
150 144.9 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: 145.370 ug/l

RT: 11.93 min Scan# 1189

Delta R.T. 0.08 min

Lab File: VD059454.D

Acq: 27 Jun 2018 19:44

Instrument :

MSVOA_D

ClientSampleId :

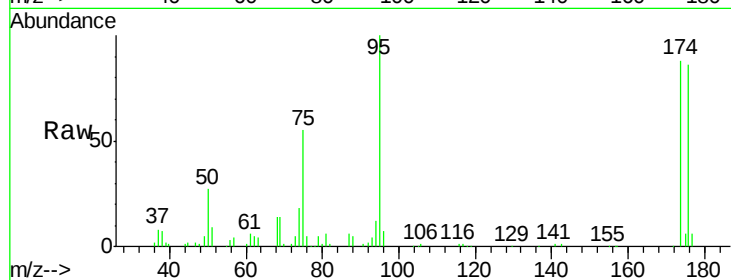
Tot Ion: 75 Resp: 83956

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

