

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062718\
 Data File : VD059456.D
 Acq On : 27 Jun 2018 20:41
 Operator : VA/AP
 Sample : J3629-06RE
 Misc : 6.53g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 28 03:00:09 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	5.65	168	587562	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	804233	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	586507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	208063	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	244644	40.71	ug/l	0.00
Spiked Amount						
			Recovery	=	81.42%	
35) Dibromofluoromethane	5.55	113	263424	40.21	ug/l	0.00
Spiked Amount						
			Recovery	=	80.42%	
50) Toluene-d8	8.71	98	501118	32.72	ug/l	0.00
Spiked Amount						
			Recovery	=	65.44%	
62) 4-Bromofluorobenzene	11.93	95	183318	28.78	ug/l	0.00
Spiked Amount						
			Recovery	=	57.56%	

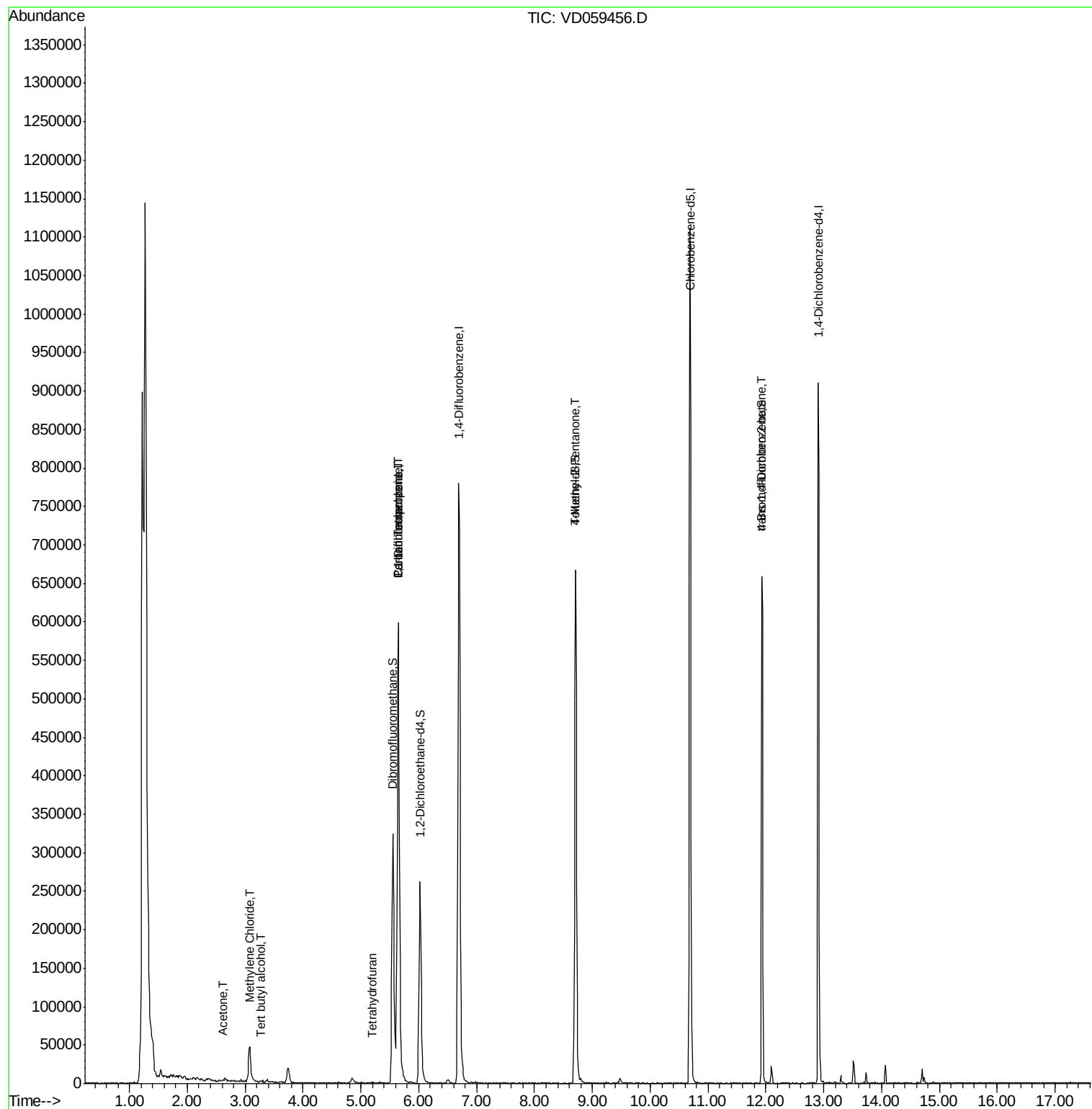
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.81	94	370	Below Cal	#	4
11) Tert butyl alcohol	3.26	59	647	3.113	ug/l #	72
16) Acetone	2.62	43	2404	3.170	ug/l #	55
18) Methyl Acetate	2.93	43	523	Below Cal	#	66
20) Methylene Chloride	3.07	84	24041	9.405	ug/l	97
29) Tetrahydrofuran	5.20	42	1056	1.215	ug/l #	37
31) Cyclohexane	5.64	56	13607	Below Cal	#	1
36) 1,1-Dichloropropene	5.65	75	50807	6.964	ug/l #	50
38) Carbon Tetrachloride	5.65	117	46231	6.146	ug/l #	17
51) 4-Methyl-2-Pentanone	8.71	43	3841	1.033	ug/l #	1
81) trans-1,4-Dichloro-2-buten	11.93	75	89956	137.905	ug/l #	1

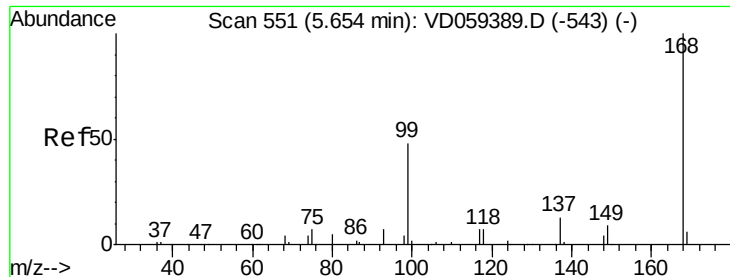
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062718\
Data File : VD059456.D
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Quant Time: Jun 28 03:00:09 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: 5.65 min Scan# 551

Delta R.T. -0.01 min

Lab File: VD059456.D

Acq: 27 Jun 2018 20:41

Instrument :

MSVOA_D

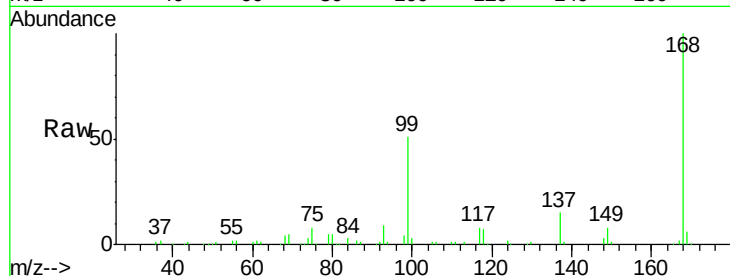
ClientSampleId :

Tot Ion:168 Resp: 587562

Ion Ratio Lower Upper

168 100

99 50.9 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.65

250000

200000

150000

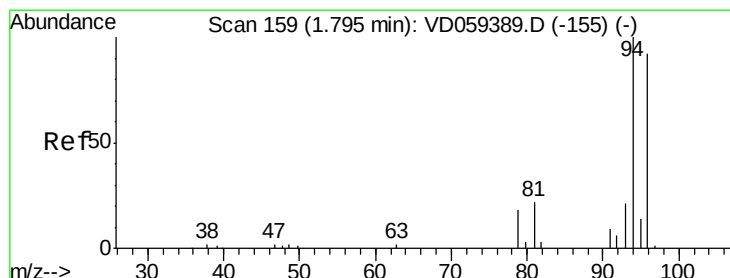
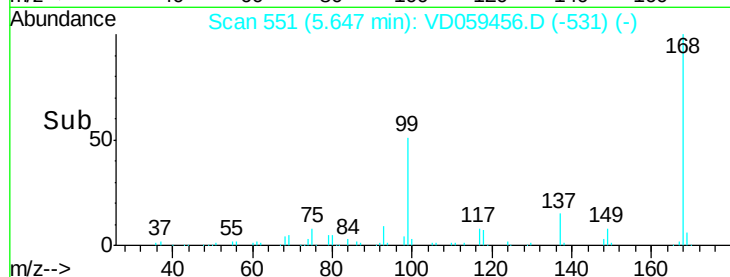
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.81 min Scan# 161

Delta R.T. 0.01 min

Lab File: VD059456.D

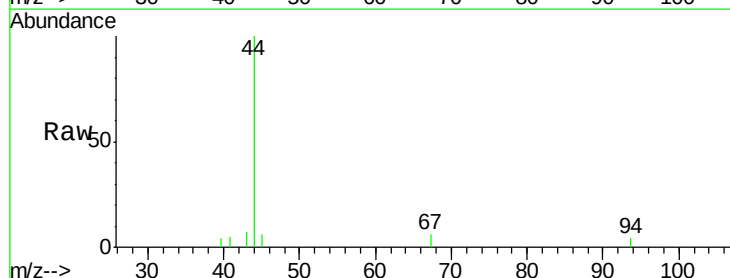
Acq: 27 Jun 2018 20:41

Tgt Ion: 94 Resp: 370

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

1.81

300

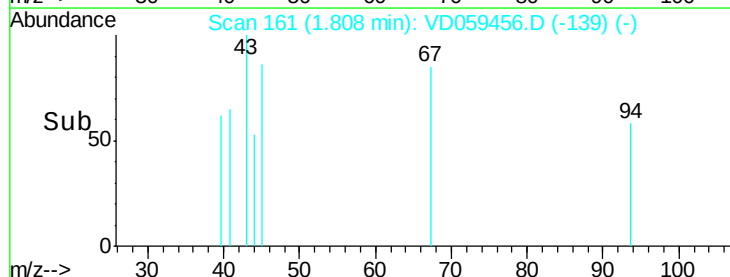
200

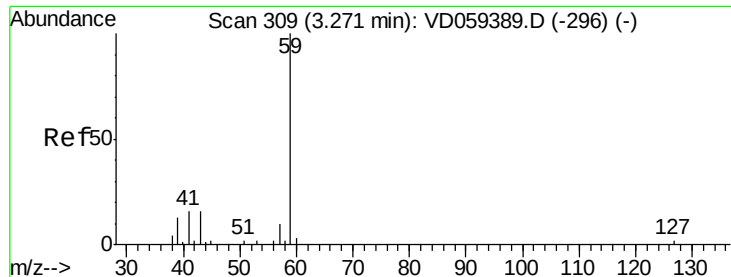
100

0

Time-->

1.76 1.78 1.80 1.82 1.84



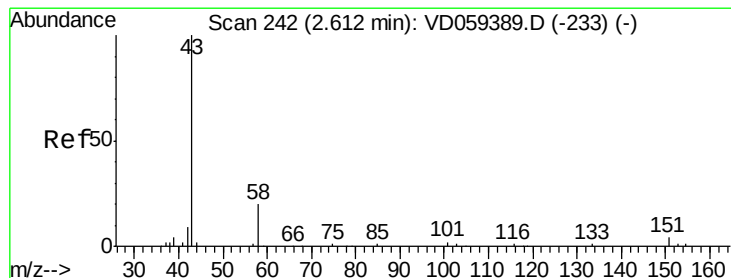
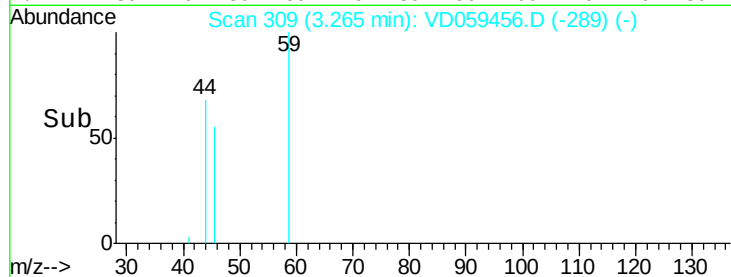
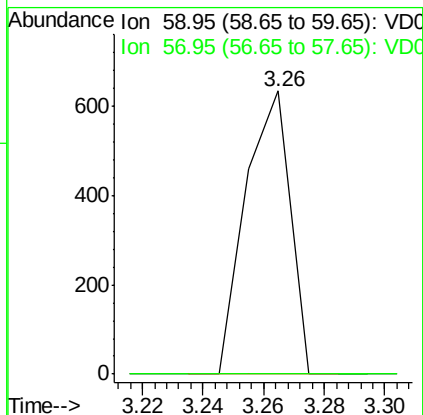
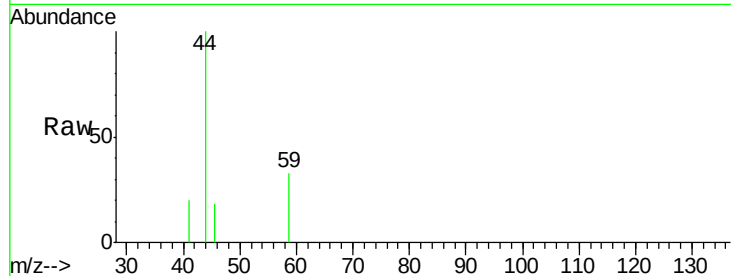


#11

Tert butyl alcohol
Concen: 3.113 ug/l
RT: 3.26 min Scan# 309
Delta R.T. -0.01 min
Lab File: VD059456.D
Acq: 27 Jun 2018 20:41

Instrument :
MSVOA_D
ClientSampleId :

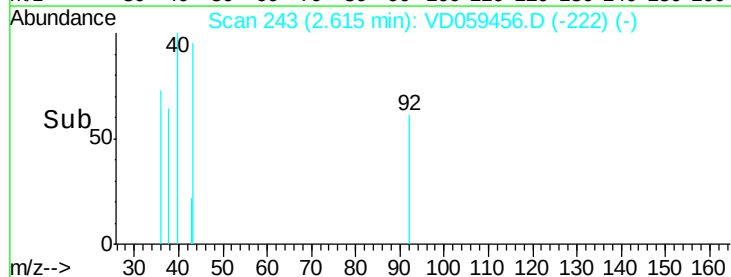
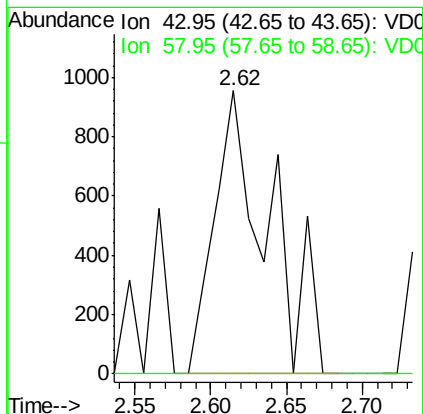
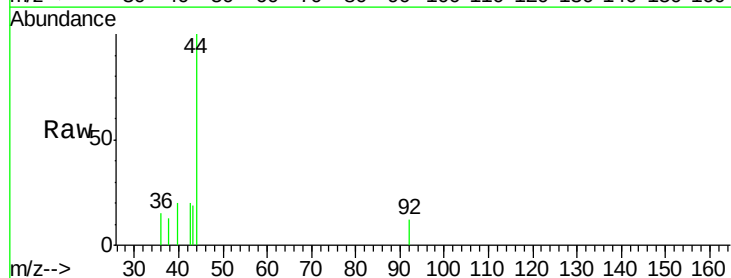
Tot Ion: 59 Resp: 647
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

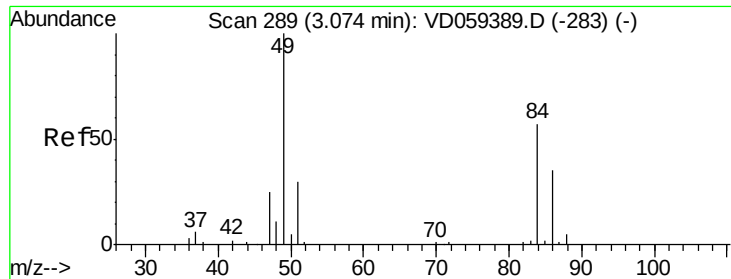


#16

Acetone
Concen: 3.170 ug/l
RT: 2.62 min Scan# 243
Delta R.T. 0.00 min
Lab File: VD059456.D
Acq: 27 Jun 2018 20:41

Tgt Ion: 43 Resp: 2404
Ion Ratio Lower Upper
43 100
58 0.0 16.8 25.2#

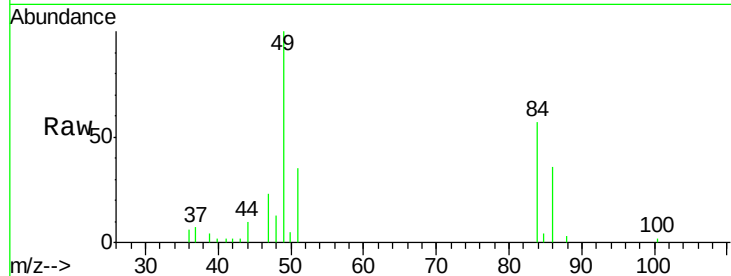




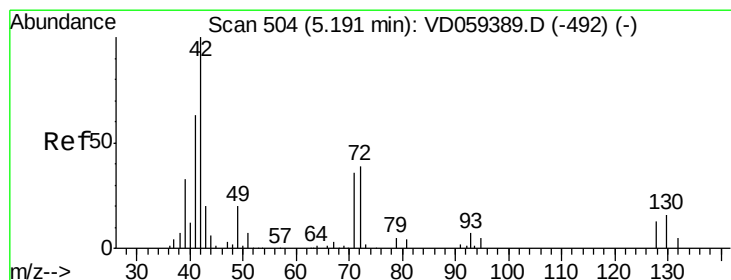
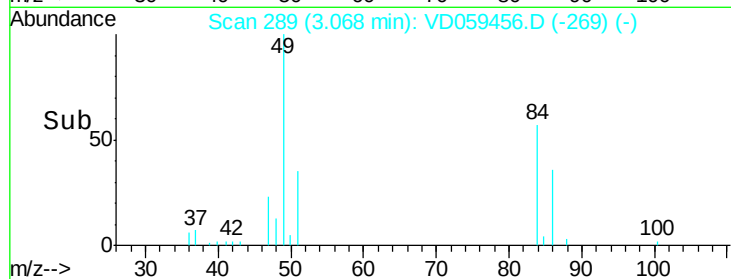
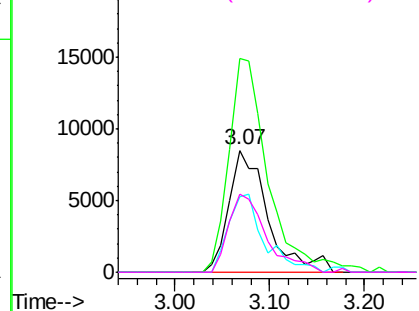
#20
Methylene Chloride
Concen: 9.405 ug/l
RT: 3.07 min Scan# 289
Delta R.T. -0.01 min
Lab File: VD059456.D
Acq: 27 Jun 2018 20:41

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:	84	Resp:	24041
Ion	Ratio	Lower	Upper
84	100		
49	175.4	140.3	210.5
51	61.7	41.6	62.4
86	63.8	49.4	74.2

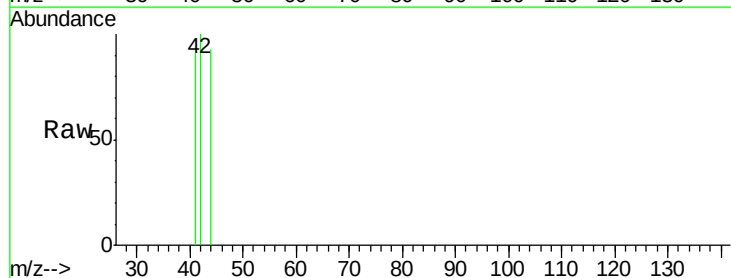


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

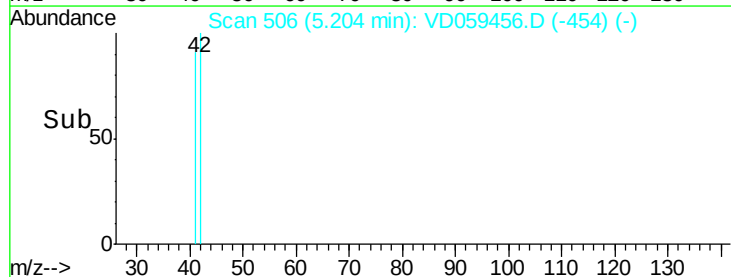
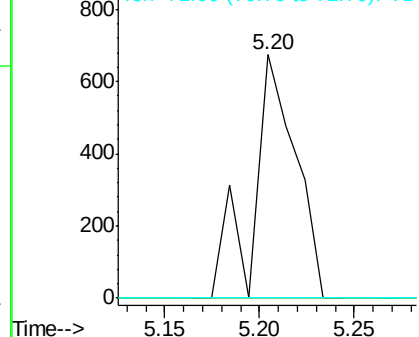


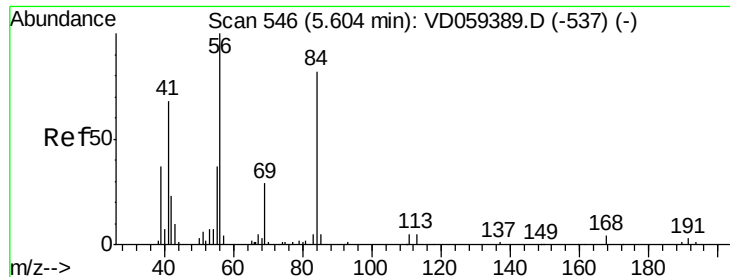
#29
Tetrahydrofuran
Concen: 1.215 ug/l
RT: 5.20 min Scan# 506
Delta R.T. 0.01 min
Lab File: VD059456.D
Acq: 27 Jun 2018 20:41

Tgt Ion:	42	Resp:	1056
Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.4	47.2#
71	0.0	29.7	44.5#



Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

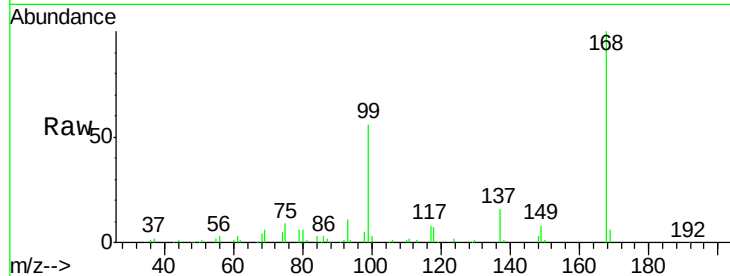




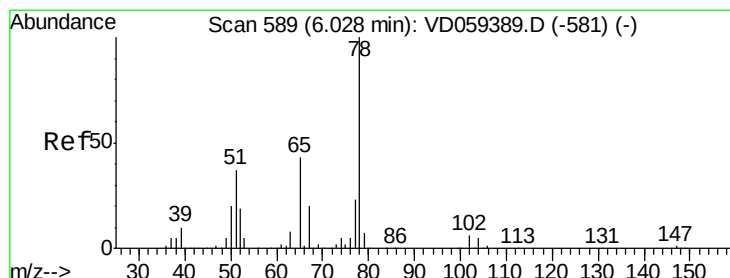
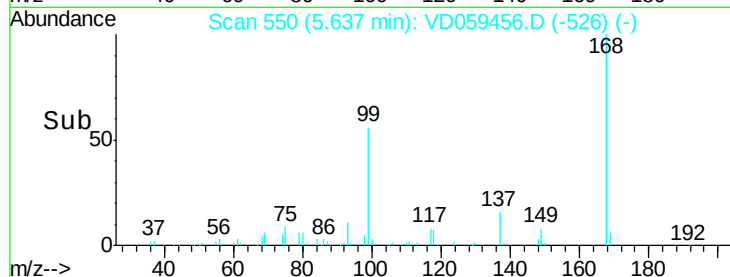
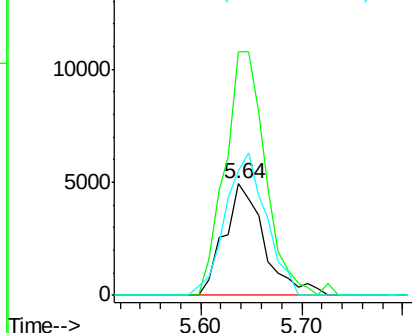
#31
Cyclohexane
Concen: Below Cal
RT: 5.64 min Scan# 550
Delta R.T. 0.03 min
Lab File: VD059456.D
Acq: 27 Jun 2018 20:41

Instrument :
MSVOA_D
ClientSampleID :

Tot Ion: 56 Resp: 13607
Ion Ratio Lower Upper
56 100
69 218.7 22.9 34.3#
84 111.5 67.3 100.9#

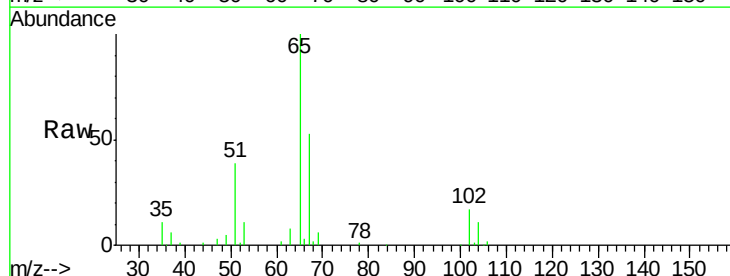


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

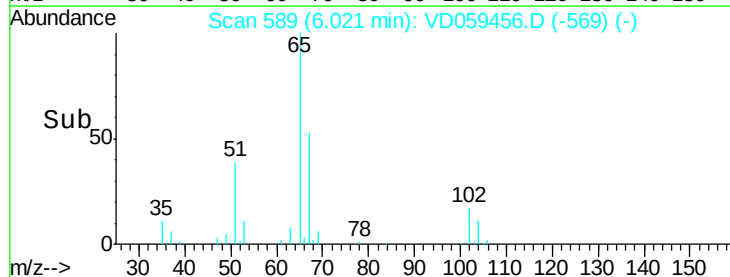
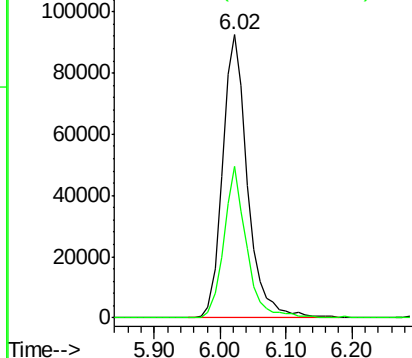


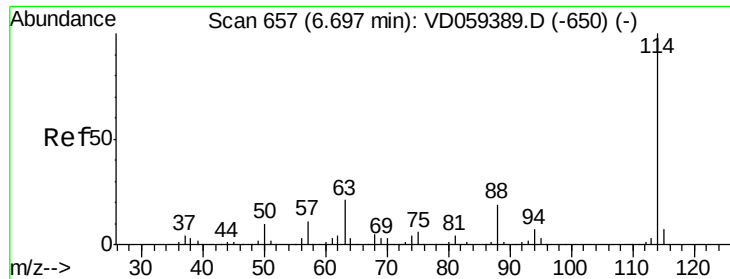
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.02 min Scan# 589
Delta R.T. -0.01 min
Lab File: VD059456.D
Acq: 27 Jun 2018 20:41

Tgt Ion: 65 Resp: 244644
Ion Ratio Lower Upper
65 100
67 53.4 0.0 93.8



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

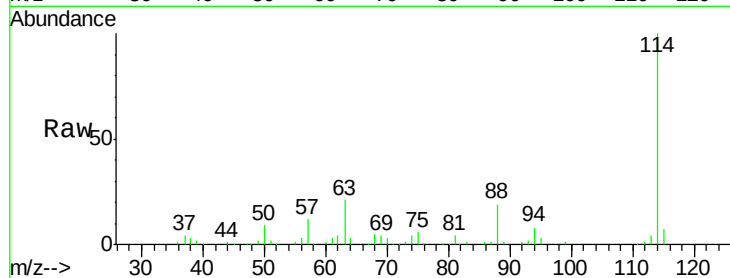




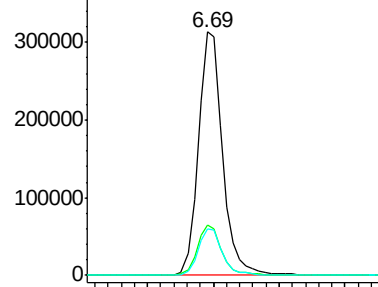
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VD059456.D
 Acq: 27 Jun 2018 20:41

Instrument :
 MSVOA_D
 ClientSampleId :

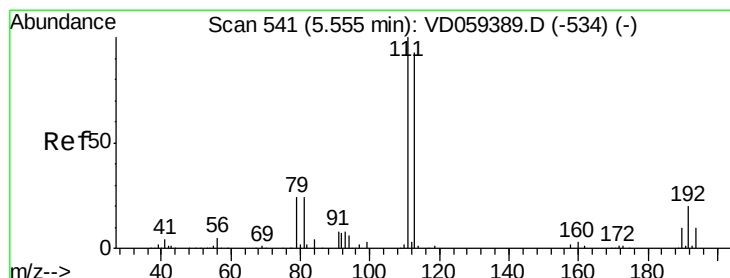
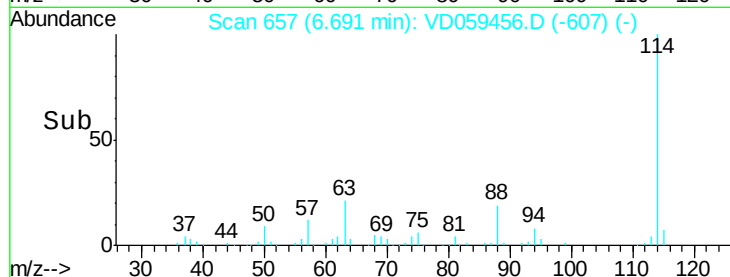
Tot Ion:114 Resp: 804233
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.4
 88 19.3 0.0 38.0



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

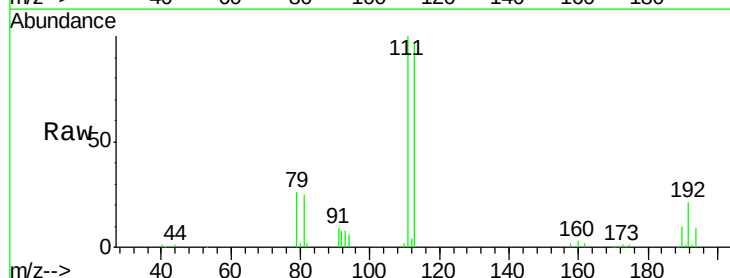


Time-->

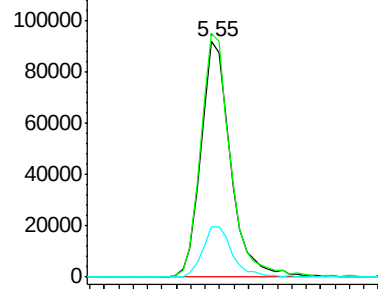


#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.55 min Scan# 541
 Delta R.T. -0.01 min
 Lab File: VD059456.D
 Acq: 27 Jun 2018 20:41

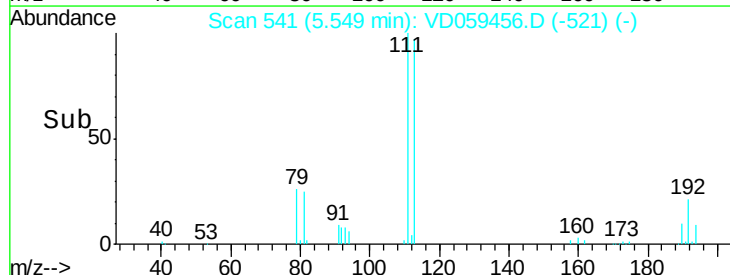
Tgt Ion:113 Resp: 263424
 Ion Ratio Lower Upper
 113 100
 111 103.5 85.7 128.5
 192 21.3 16.9 25.3

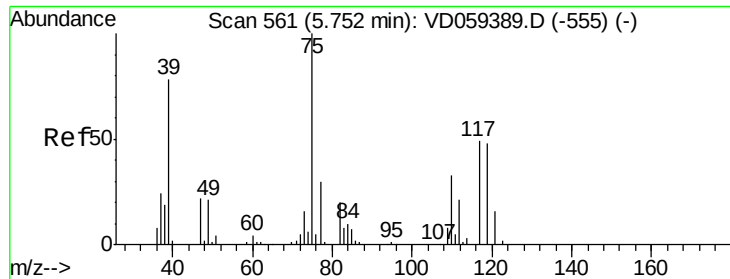


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V



Time-->

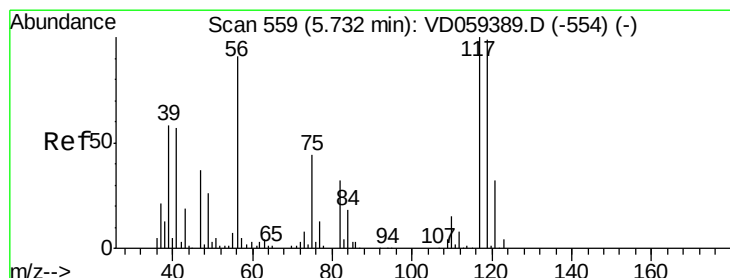
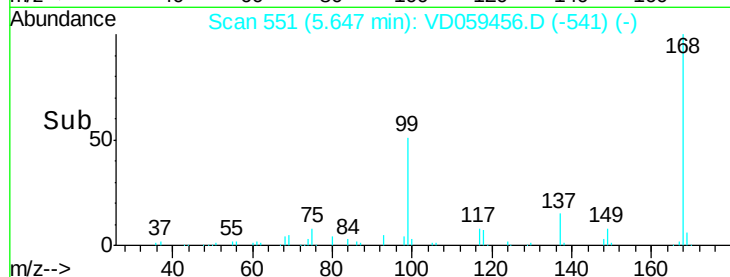
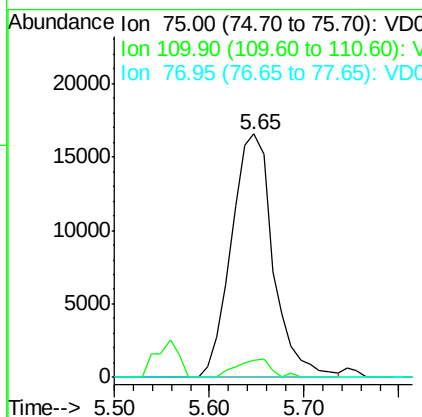
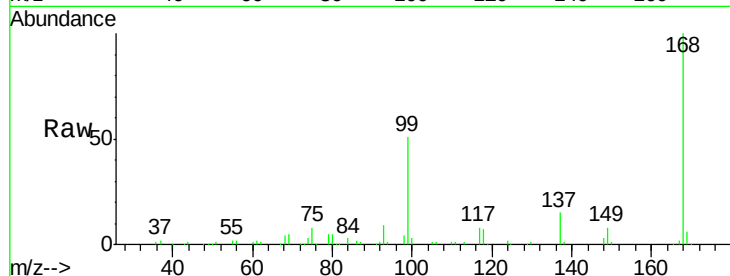




#36
 1,1-Dichloropropene
 Concen: 6.964 ug/l
 RT: 5.65 min Scan# 551
 Delta R.T. -0.10 min
 Lab File: VD059456.D
 Acq: 27 Jun 2018 20:41

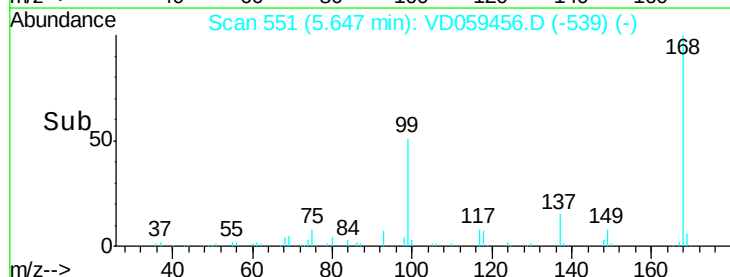
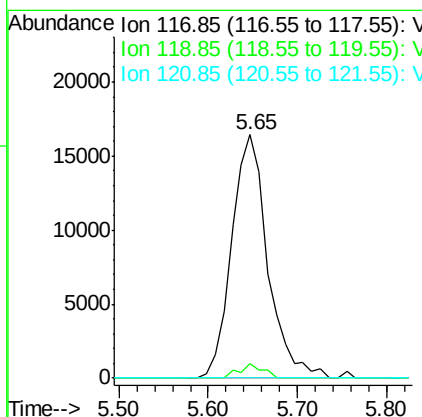
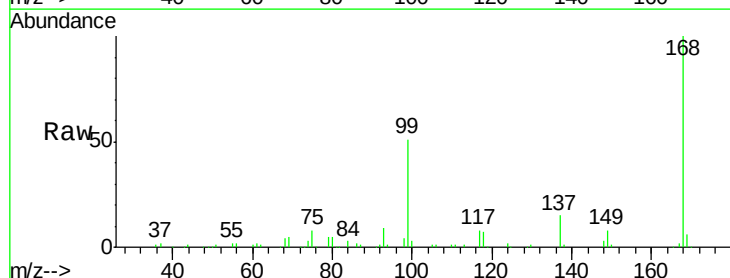
Instrument :
 MSVOA_D
 ClientSampled :

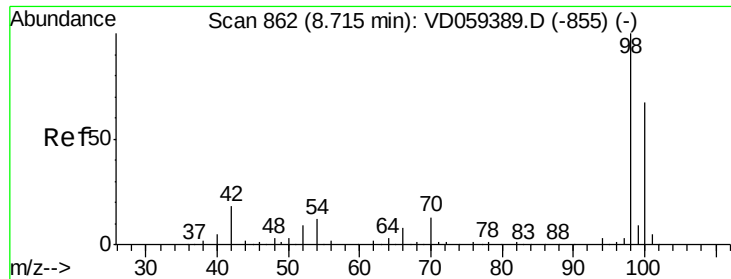
Tot Ion: 75 Resp: 50807
 Ion Ratio Lower Upper
 75 100
 110 6.8 16.1 48.2#
 77 0.0 23.4 35.2#



#38
 Carbon Tetrachloride
 Concen: 6.146 ug/l
 RT: 5.65 min Scan# 551
 Delta R.T. -0.09 min
 Lab File: VD059456.D
 Acq: 27 Jun 2018 20:41

Tgt Ion: 117 Resp: 46231
 Ion Ratio Lower Upper
 117 100
 119 5.9 76.6 115.0#
 121 0.0 25.0 37.4#

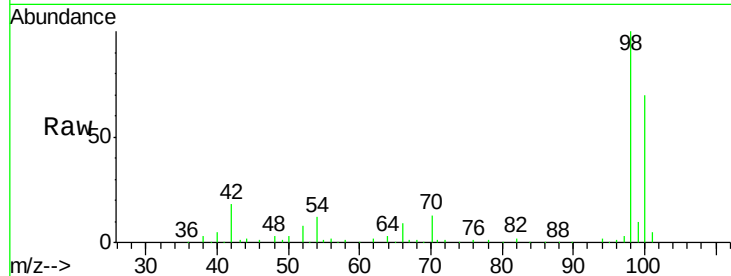




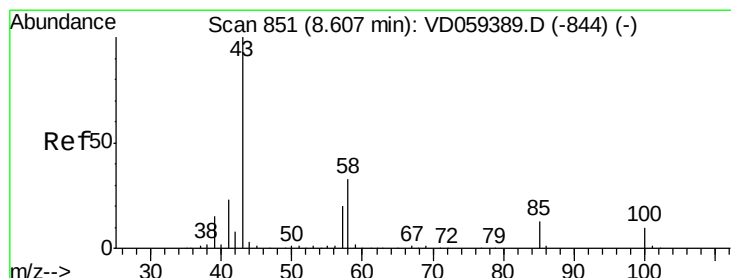
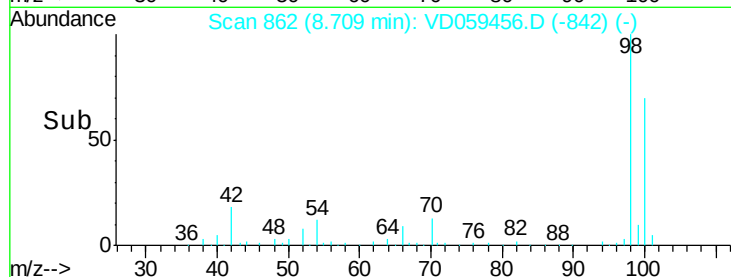
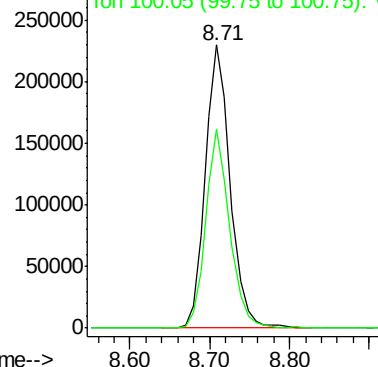
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.71 min Scan# 862
Delta R.T. -0.01 min
Lab File: VD059456.D
Acq: 27 Jun 2018 20:41

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 98 Resp: 501118
Ion Ratio Lower Upper
98 100
100 70.5 54.4 81.6

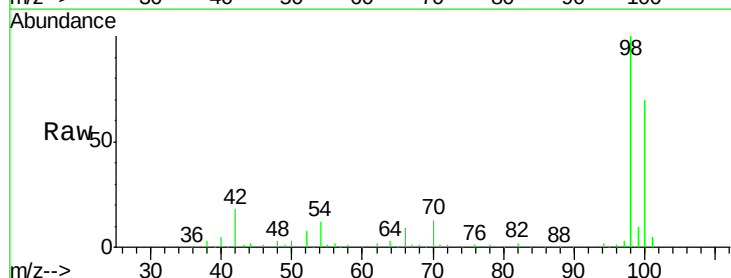


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

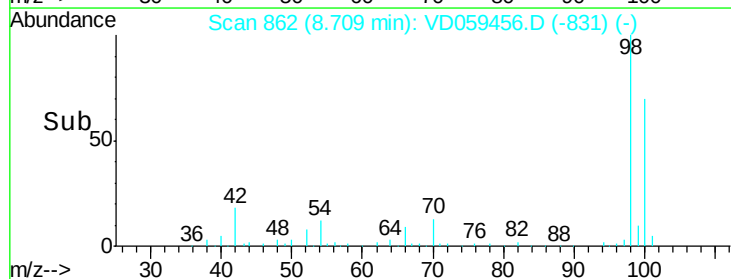
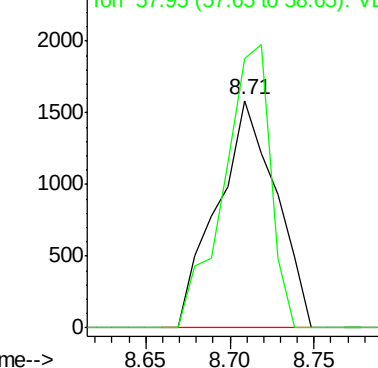


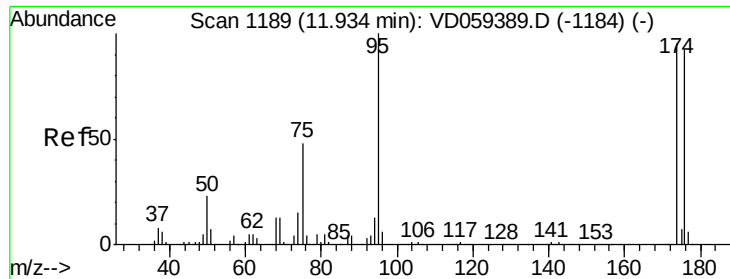
#51
4-Methyl-2-Pentanone
Concen: 1.033 ug/l
RT: 8.71 min Scan# 862
Delta R.T. 0.10 min
Lab File: VD059456.D
Acq: 27 Jun 2018 20:41

Tgt Ion: 43 Resp: 3841
Ion Ratio Lower Upper
43 100
58 118.4 26.3 39.5#



Abundance Ion 42.95 (42.65 to 43.65): VD0
Ion 57.95 (57.65 to 58.65): VD0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.93 min Scan# 1189

Delta R.T. -0.01 min

Lab File: VD059456.D

Acq: 27 Jun 2018 20:41

Instrument :

MSVOA_D

ClientSampleId :

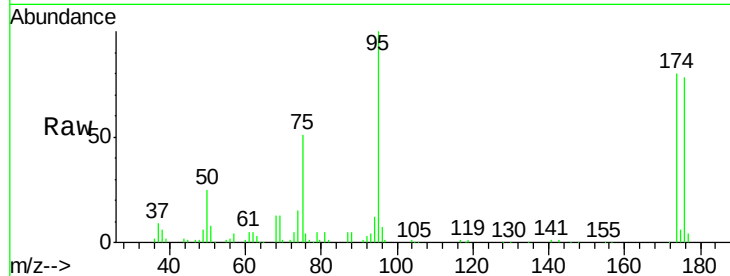
Tot Ion: 95 Resp: 183318

Ion Ratio Lower Upper

95 100

174 80.0 0.0 190.4

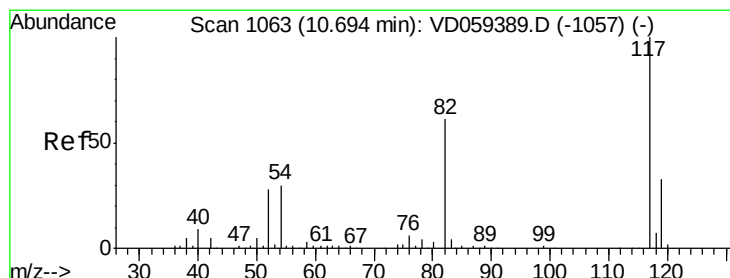
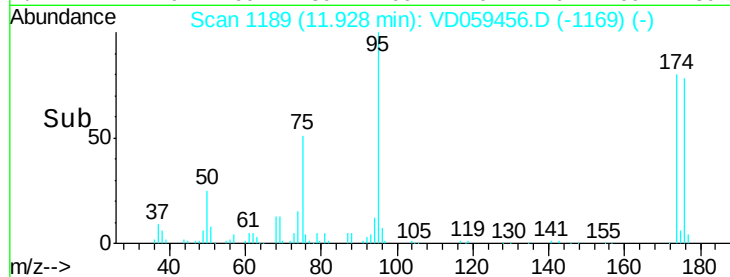
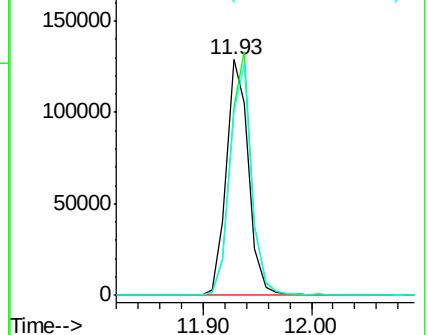
176 77.9 0.0 183.2



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.69 min Scan# 1063

Delta R.T. -0.01 min

Lab File: VD059456.D

Acq: 27 Jun 2018 20:41

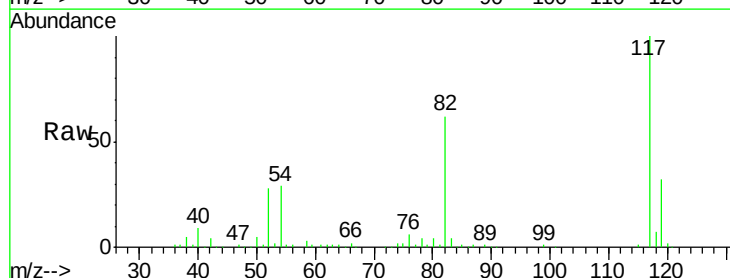
Tgt Ion: 117 Resp: 586507

Ion Ratio Lower Upper

117 100

82 62.2 49.0 73.6

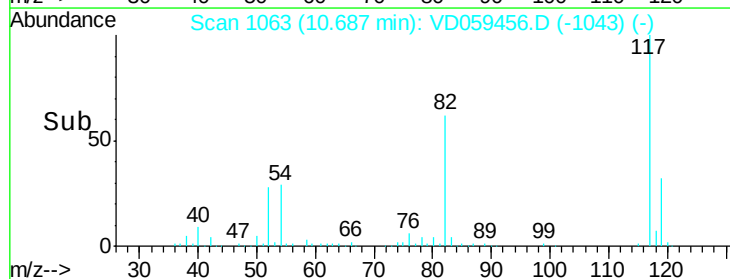
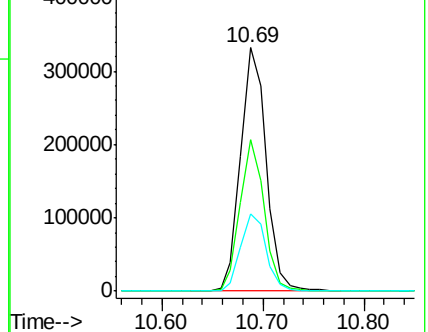
119 31.8 26.2 39.4

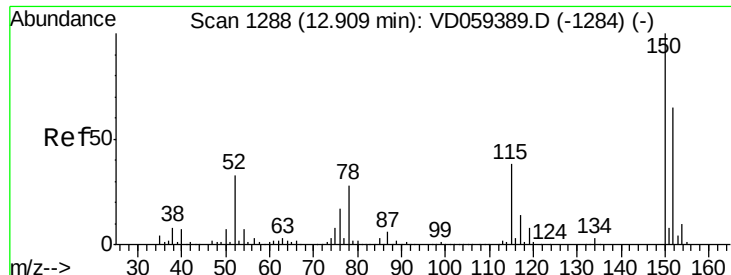


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V



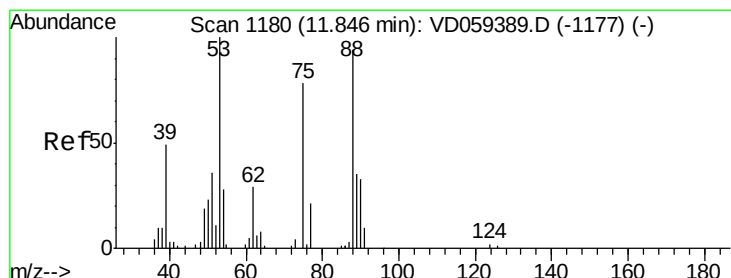
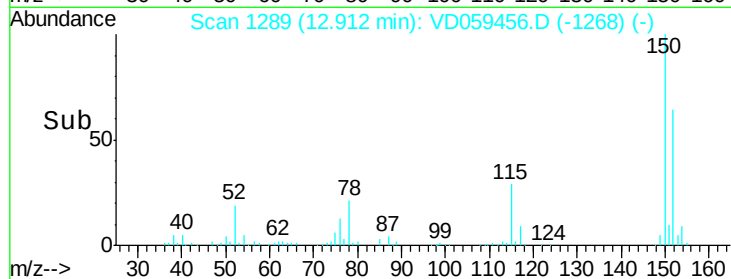
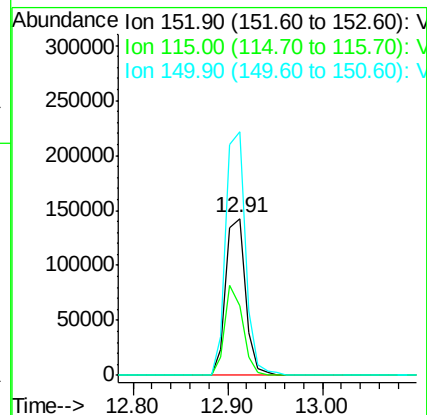
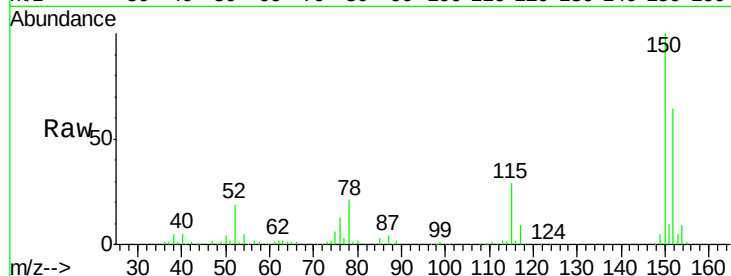


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.91 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VD059456.D
Acq: 27 Jun 2018 20:41

Instrument :
MSVOA_D
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
115	44.4	29.4	88.3
150	155.5	0.0	308.2



#81

trans-1,4-Dichloro-2-butene
Concen: 137.905 ug/l
RT: 11.93 min Scan# 1189
Delta R.T. 0.08 min
Lab File: VD059456.D
Acq: 27 Jun 2018 20:41

Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	102.6	154.0#
89	0.0	35.9	53.9#

