

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070218\
 Data File : VD059515.D
 Acq On : 2 Jul 2018 21:52
 Operator : VA/AP
 Sample : VD0702SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0702SBL01

Quant Time: Jul 03 09:06:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070218S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 03 09:04:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.61	168	707439	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.66	114	958531	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.67	117	796079	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.89	152	405241	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.98	65	438895	47.50	ug/l	0.00
Spiked Amount			Recovery	=	95.00%	
35) Dibromofluoromethane	5.51	113	423814	52.57	ug/l	0.00
Spiked Amount			Recovery	=	105.14%	
50) Toluene-d8	8.68	98	932449	49.83	ug/l	0.00
Spiked Amount			Recovery	=	99.66%	
62) 4-Bromofluorobenzene	11.92	95	403518	50.60	ug/l	0.00
Spiked Amount			Recovery	=	101.20%	

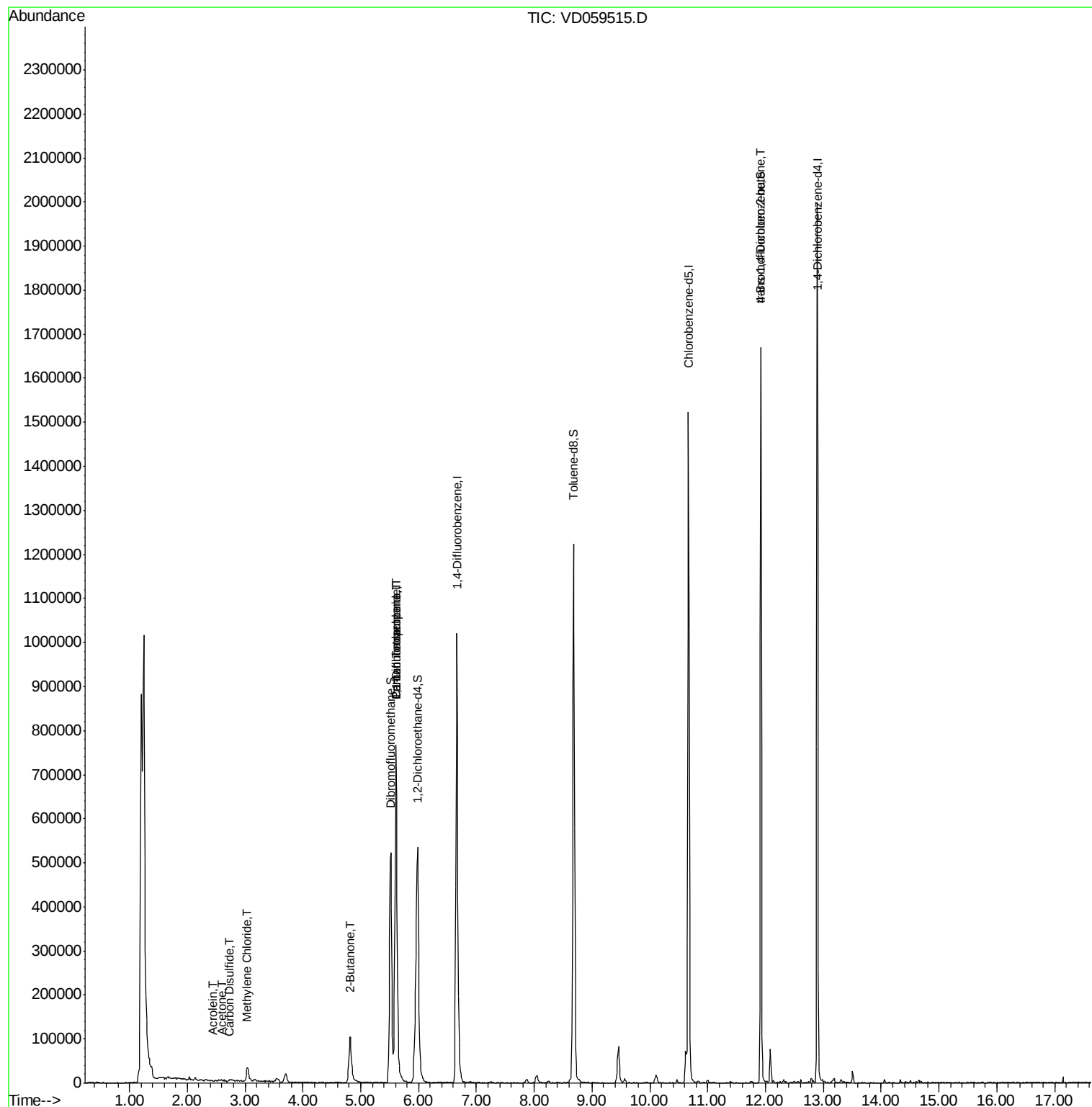
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	2.44	56	379	2.174	ug/l #	15
16) Acetone	2.61	43	5282	4.255	ug/l #	60
17) Carbon Disulfide	2.71	76	291	3.125	ug/l #	76
18) Methyl Acetate	2.89	43	2102	Below Cal	#	60
20) Methylene Chloride	3.05	84	14072	2.926	ug/l	88
25) 2-Butanone	4.81	43	8877	3.438	ug/l	98
31) Cyclohexane	5.61	56	20360	Below Cal	#	1
36) 1,1-Dichloropropene	5.61	75	65668	6.380	ug/l #	52
38) Carbon Tetrachloride	5.61	117	62744	6.201	ug/l #	15
81) trans-1,4-Dichloro-2-buten	11.92	75	218160	122.054	ug/l #	4

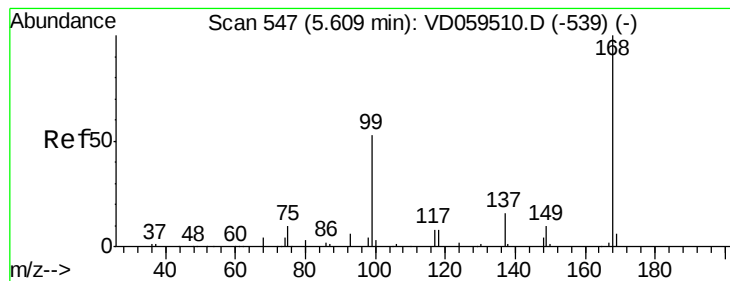
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00µl/5ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

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MSVOA_D
ClientSampleId :
VD0702SBL01

Quant Time: Jul 03 09:06:54 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D070218S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 03 09:04:17 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.61 min Scan# 547

Delta R.T. -0.00 min

Lab File: VD059515.D

Acq: 2 Jul 2018 21:52

Instrument :

MSVOA_D

ClientSampleId :

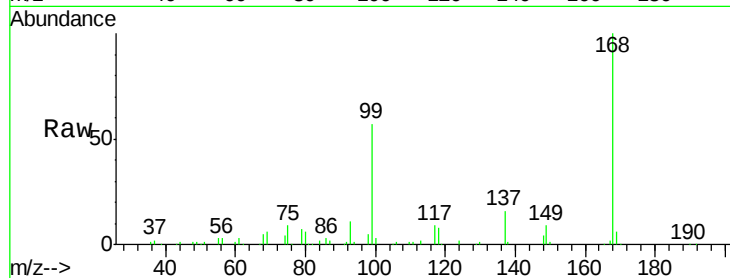
VD0702SBL01

Tot Ion:168 Resp: 707439

Ion Ratio Lower Upper

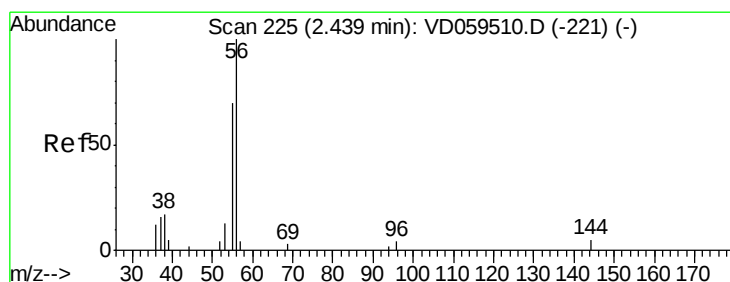
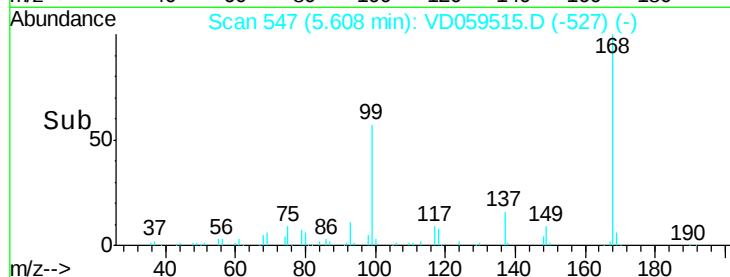
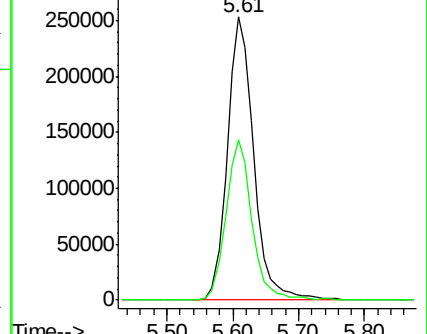
168 100

99 56.5 45.1 67.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#13

Acrolein

Concen: 2.174 ug/l

RT: 2.44 min Scan# 225

Delta R.T. -0.00 min

Lab File: VD059515.D

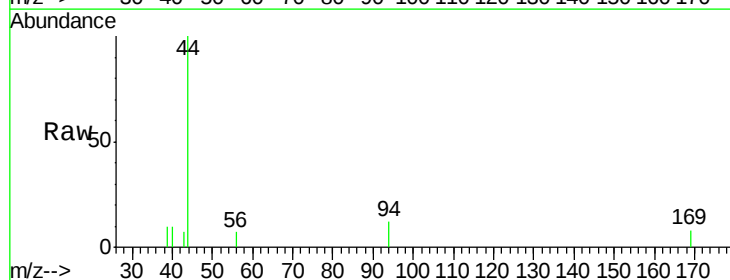
Acq: 2 Jul 2018 21:52

Tgt Ion: 56 Resp: 379

Ion Ratio Lower Upper

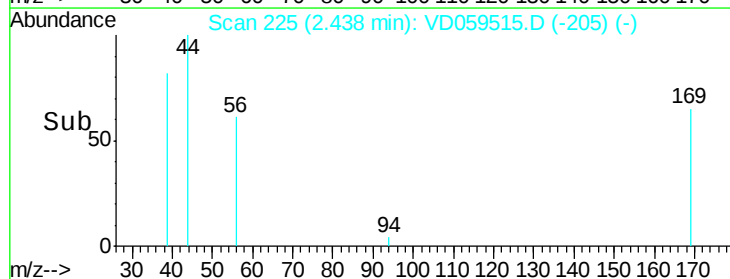
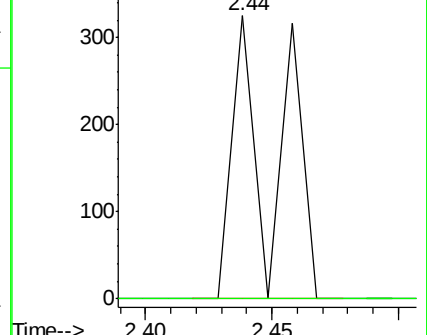
56 100

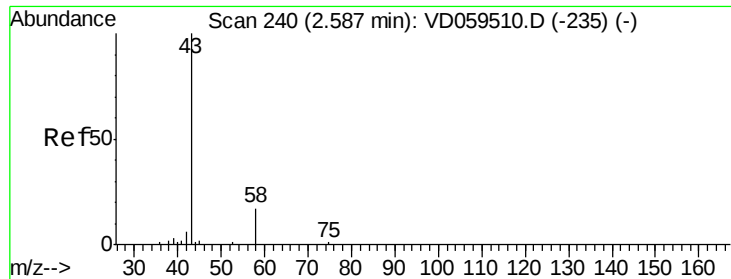
55 0.0 56.0 84.0#



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC





#16

Acetone

Concen: 4.255 ug/l

RT: 2.61 min Scan# 242

Delta R.T. 0.02 min

Lab File: VD059515.D

Acq: 2 Jul 2018 21:52

Instrument :

MSVOA_D

ClientSampleId :

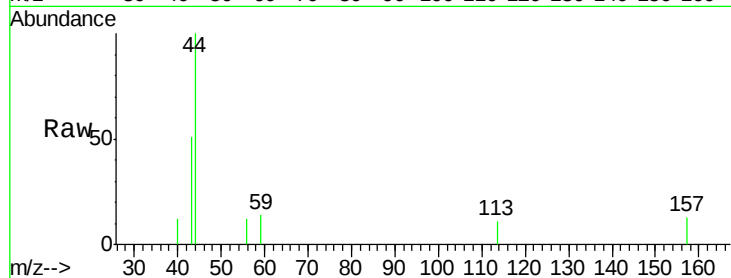
VD0702SBL01

Tot Ion: 43 Resp: 5282

Ion Ratio Lower Upper

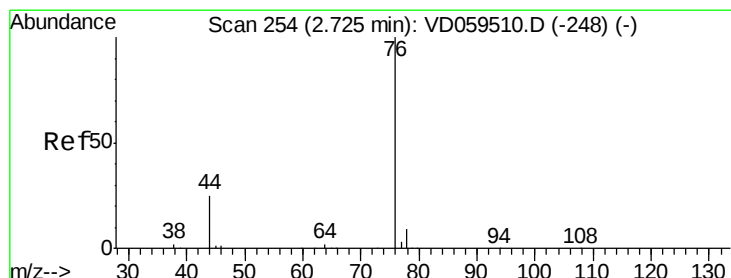
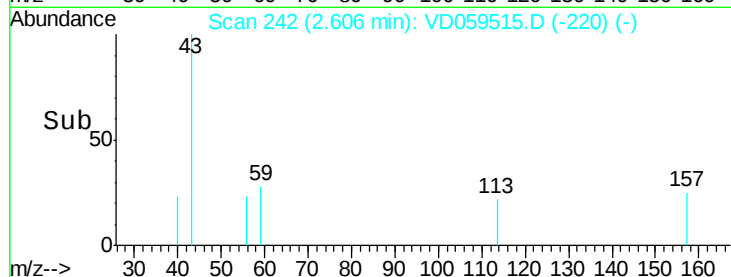
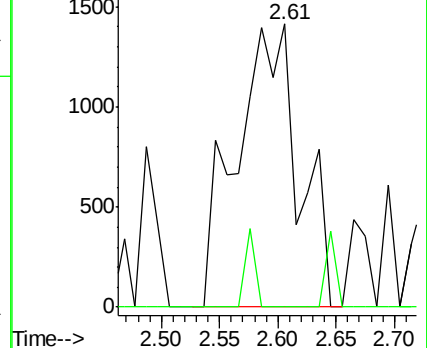
43 100

58 0.0 13.8 20.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#17

Carbon Disulfide

Concen: 3.125 ug/l

RT: 2.71 min Scan# 253

Delta R.T. -0.01 min

Lab File: VD059515.D

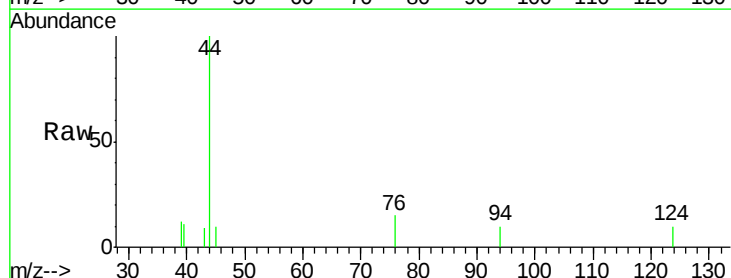
Acq: 2 Jul 2018 21:52

Tgt Ion: 76 Resp: 291

Ion Ratio Lower Upper

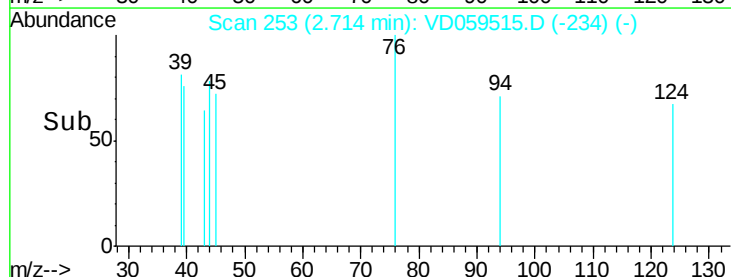
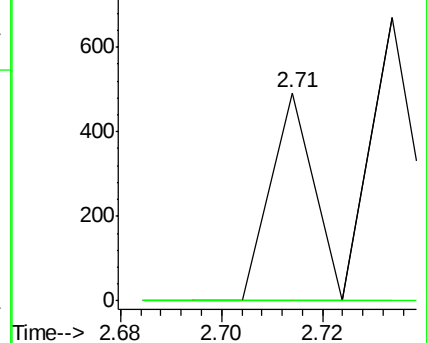
76 100

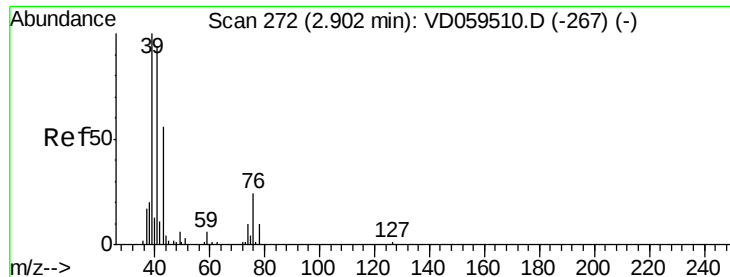
78 0.0 6.9 10.3#



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC

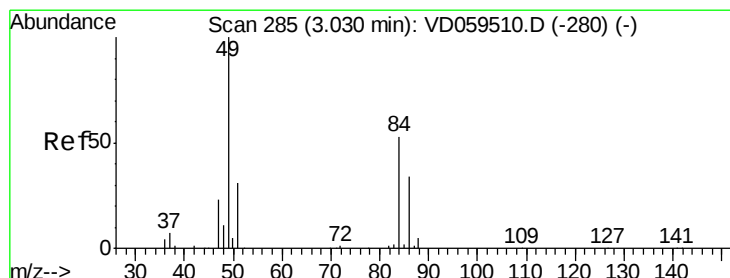
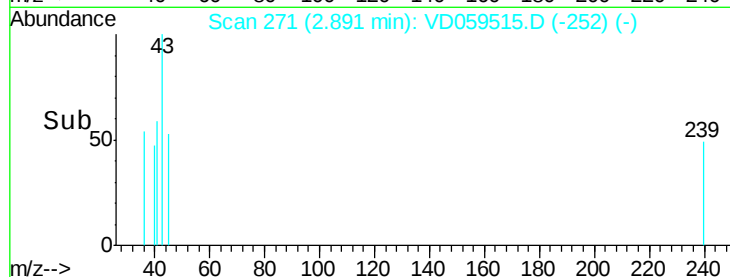
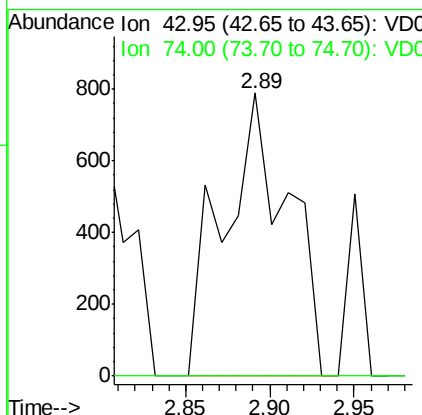
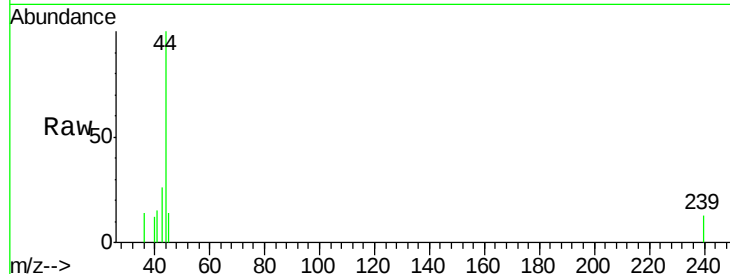




#18
Methvl Acetate
Concen: Below Cal
RT: 2.89 min Scan# 271
Delta R.T. -0.01 min
Lab File: VD059515.D
Acq: 2 Jul 2018 21:52

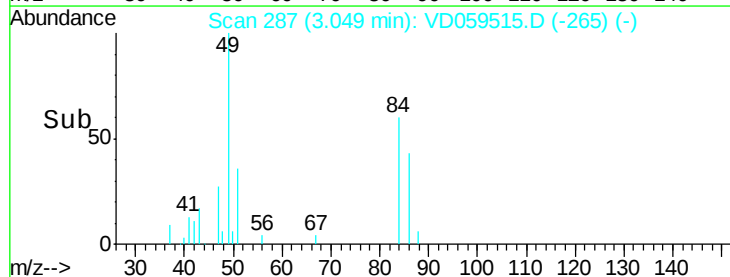
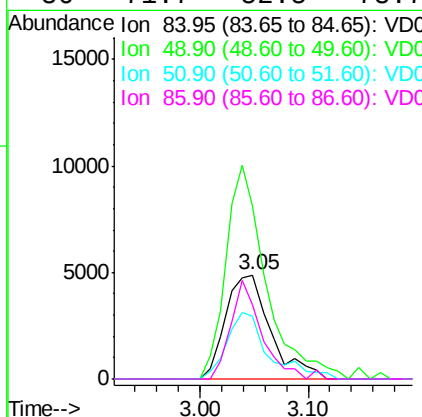
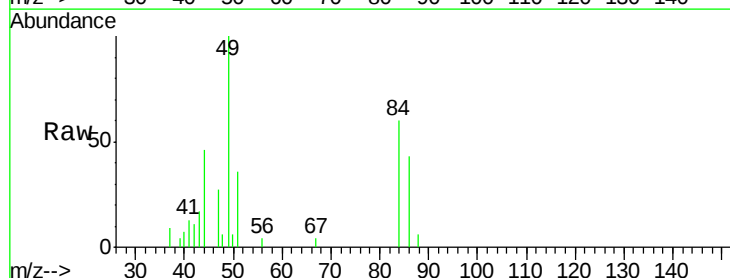
Instrument :
MSVOA_D
ClientSampleId :
VD0702SBL01

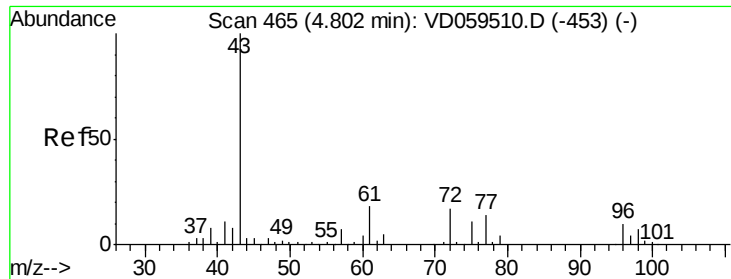
Tot Ion: 43 Resp: 2102
Ion Ratio Lower Upper
43 100
74 0.0 13.8 20.8#



#20
Methylene Chloride
Concen: 2.926 ug/l
RT: 3.05 min Scan# 287
Delta R.T. 0.02 min
Lab File: VD059515.D
Acq: 2 Jul 2018 21:52

Tgt Ion: 84 Resp: 14072
Ion Ratio Lower Upper
84 100
49 165.9 152.2 228.2
51 59.9 46.5 69.7
86 71.7 52.5 78.7





#25

2-Butanone

Concen: 3.438 ug/l

RT: 4.81 min Scan# 466

Delta R.T. 0.01 min

Lab File: VD059515.D

Acq: 2 Jul 2018 21:52

Instrument :

MSVOA_D

ClientSampleId :

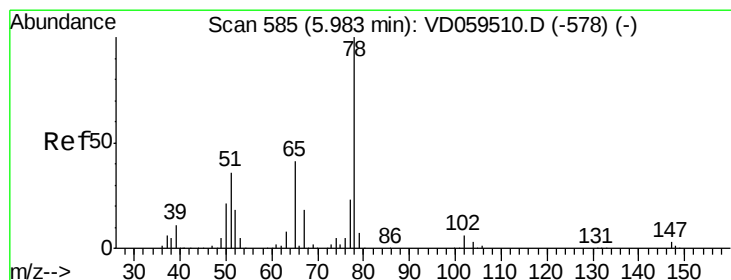
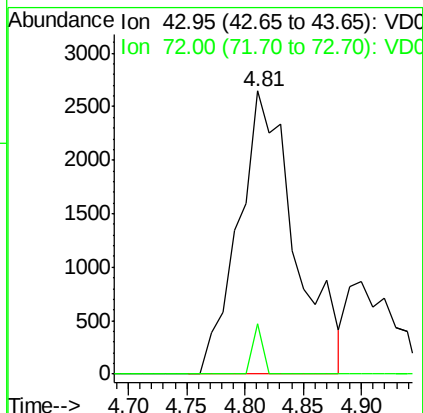
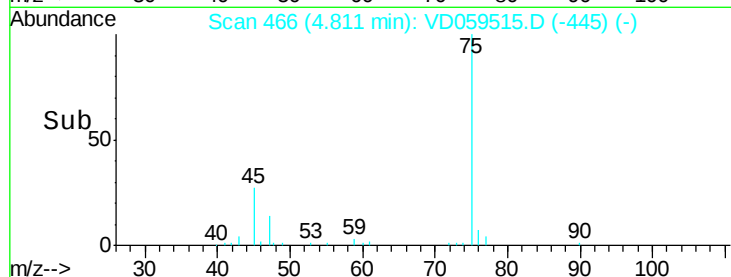
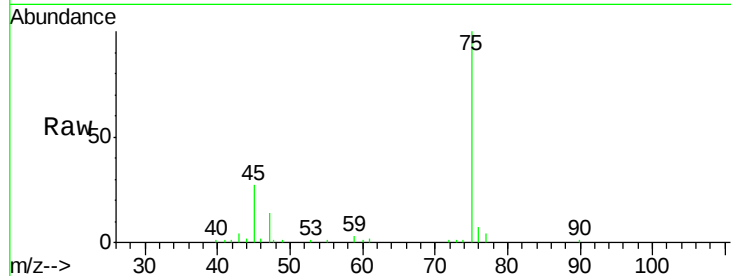
VD0702SBL01

Tot Ion: 43 Resp: 8877

Ion Ratio Lower Upper

43 100

72 18.0 13.8 20.8



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 5.98 min Scan# 585

Delta R.T. -0.00 min

Lab File: VD059515.D

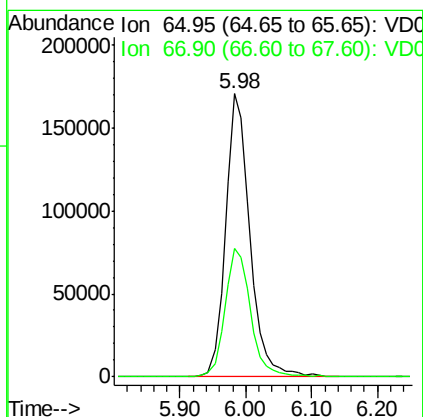
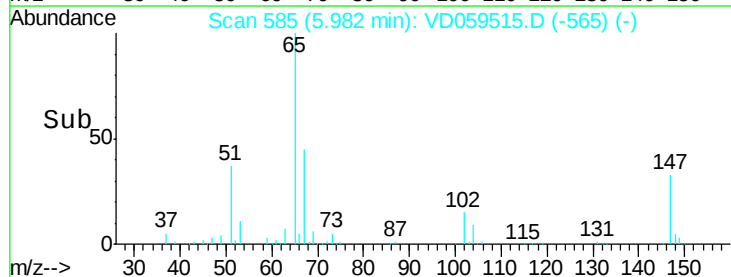
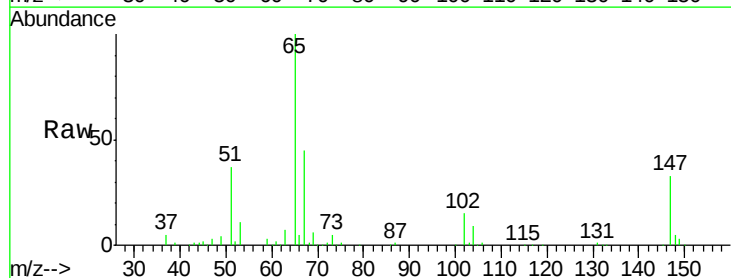
Acq: 2 Jul 2018 21:52

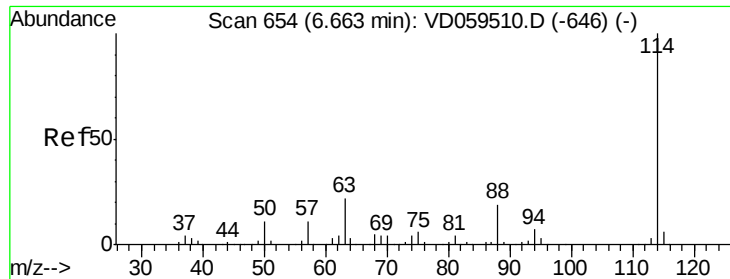
Tgt Ion: 65 Resp: 438895

Ion Ratio Lower Upper

65 100

67 45.5 0.0 90.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.66 min Scan# 654

Delta R.T. -0.00 min

Lab File: VD059515.D

Acq: 2 Jul 2018 21:52

Instrument :

MSVOA_D

ClientSampleId :

VD0702SBL01

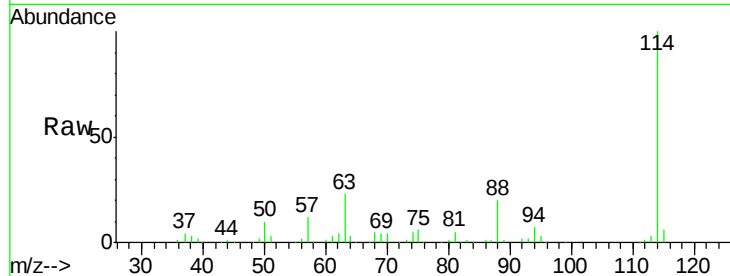
Tot Ion:114 Resp: 958531

Ion Ratio Lower Upper

114 100

63 22.6 0.0 44.4

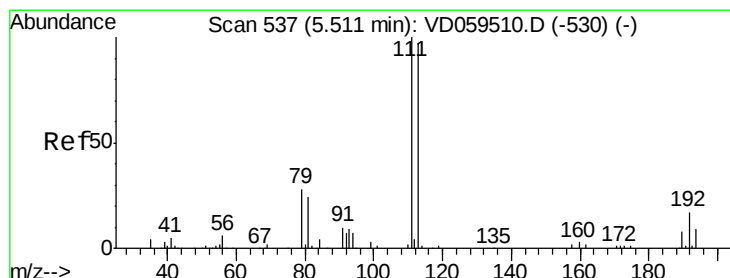
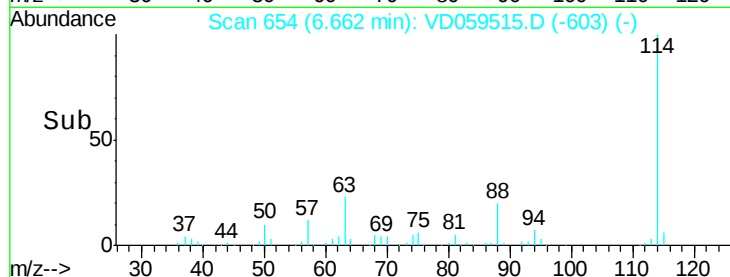
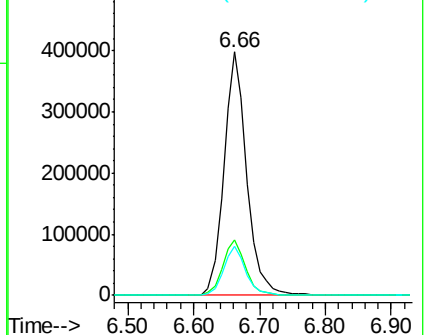
88 20.2 0.0 37.8



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: 50.000 ug/l

RT: 5.51 min Scan# 537

Delta R.T. -0.00 min

Lab File: VD059515.D

Acq: 2 Jul 2018 21:52

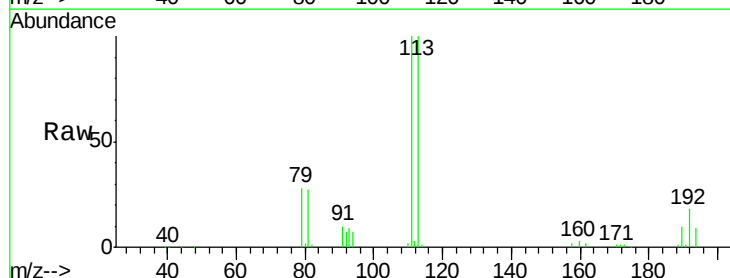
Tgt Ion:113 Resp: 423814

Ion Ratio Lower Upper

113 100

111 100.1 82.7 124.1

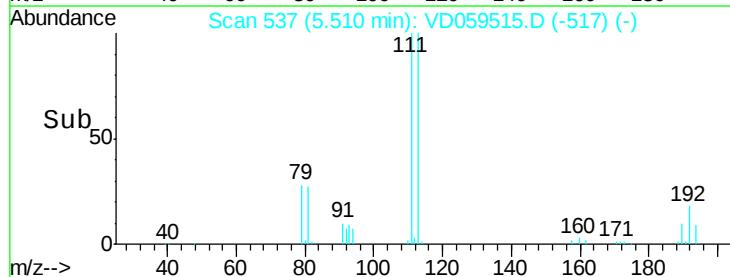
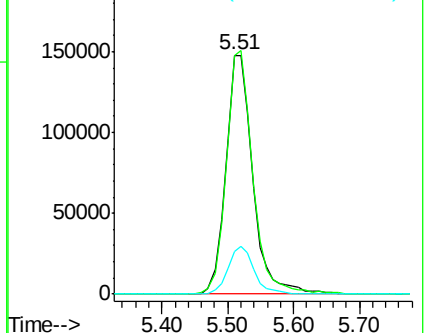
192 17.6 14.2 21.2

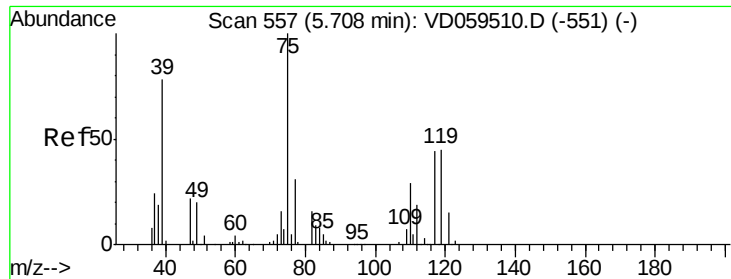


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#36

1,1-Dichloropropene

Concen: 6.380 ug/l

RT: 5.61 min Scan# 547

Delta R.T. -0.10 min

Lab File: VD059515.D

Acq: 2 Jul 2018 21:52

Instrument :

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ClientSampleId :

VD0702SBL01

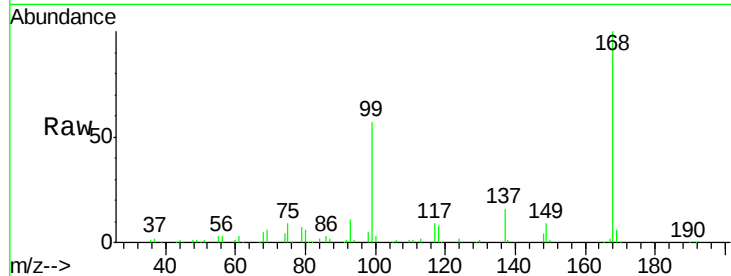
Tot Ion: 75 Resp: 65668

Ion Ratio Lower Upper

75 100

110 8.0 14.4 43.4#

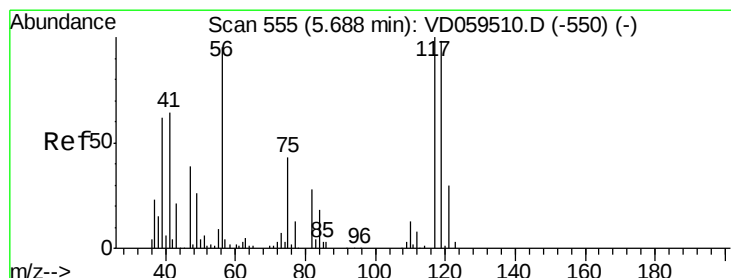
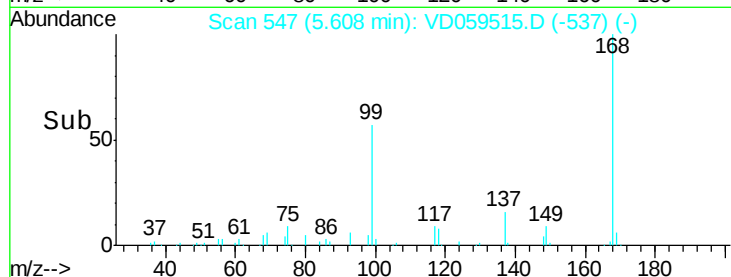
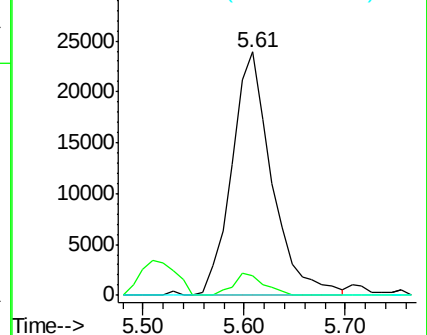
77 0.0 25.0 37.6#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 109.90 (109.60 to 110.60): VDC

Ion 76.95 (76.65 to 77.65): VDC



#38

Carbon Tetrachloride

Concen: 6.201 ug/l

RT: 5.61 min Scan# 547

Delta R.T. -0.08 min

Lab File: VD059515.D

Acq: 2 Jul 2018 21:52

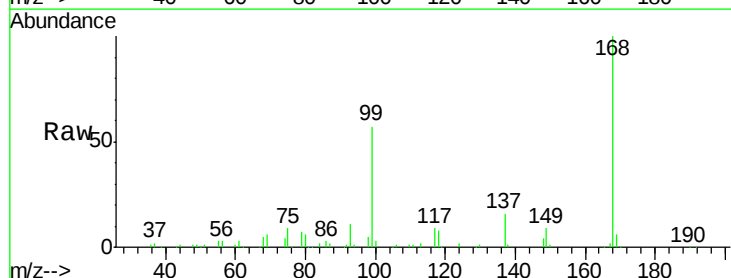
Tgt Ion: 117 Resp: 62744

Ion Ratio Lower Upper

117 100

119 4.1 76.4 114.6#

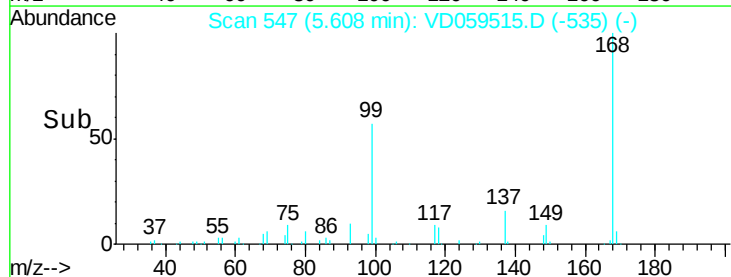
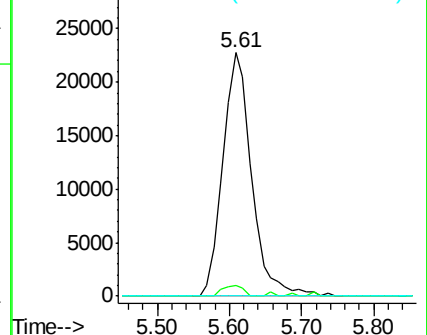
121 0.0 23.9 35.9#

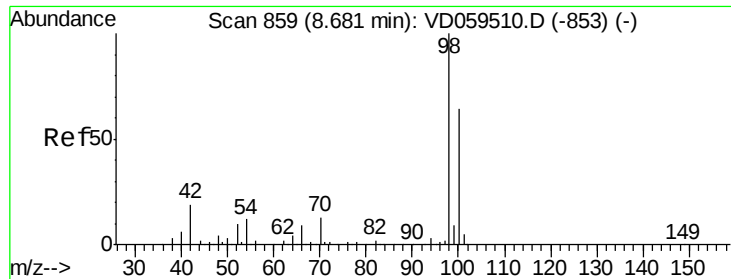


Abundance Ion 116.85 (116.55 to 117.55): VDC

Ion 118.85 (118.55 to 119.55): VDC

Ion 120.85 (120.55 to 121.55): VDC





#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.68 min Scan# 859

Delta R.T. -0.00 min

Lab File: VD059515.D

Acq: 2 Jul 2018 21:52

Instrument :

MSVOA_D

ClientSampleId :

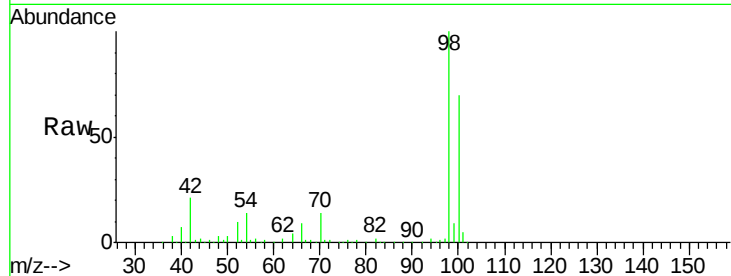
VD0702SBL01

Tot Ion: 98 Resp: 932449

Ion Ratio Lower Upper

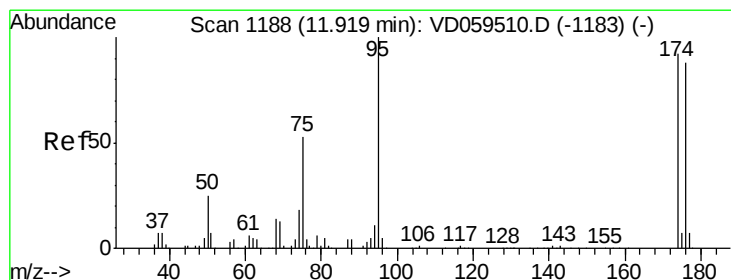
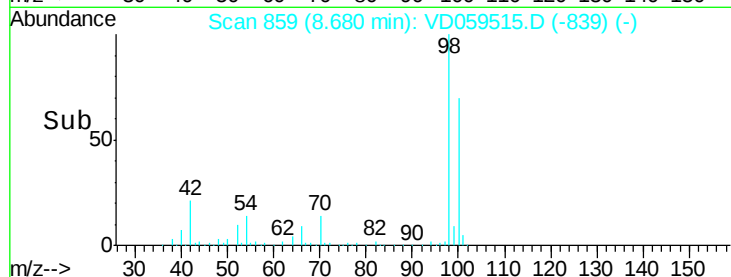
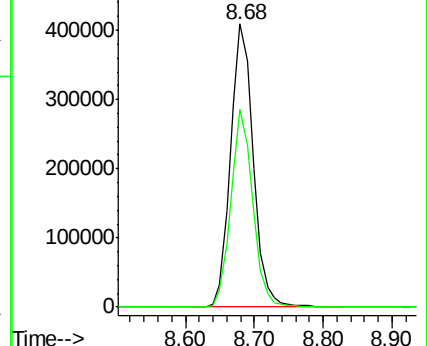
98 100

100 69.9 51.8 77.8



Abundance Ion 98.05 (97.75 to 98.75): VD0

Ion 100.05 (99.75 to 100.75): VD



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.92 min Scan# 1188

Delta R.T. -0.00 min

Lab File: VD059515.D

Acq: 2 Jul 2018 21:52

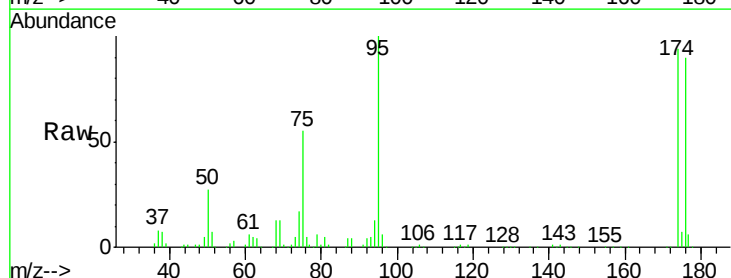
Tgt Ion: 95 Resp: 403518

Ion Ratio Lower Upper

95 100

174 93.7 0.0 183.0

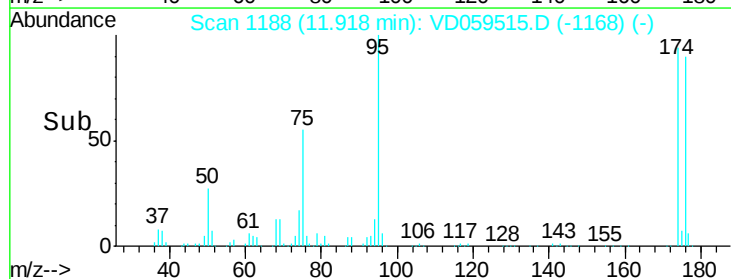
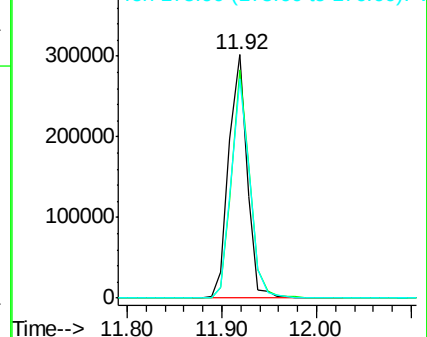
176 90.1 0.0 176.6

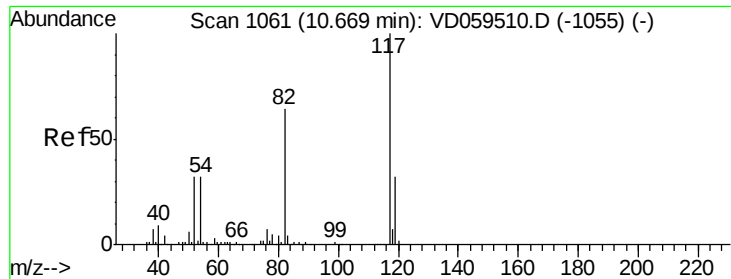


Abundance Ion 95.00 (94.70 to 95.70): VD0

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

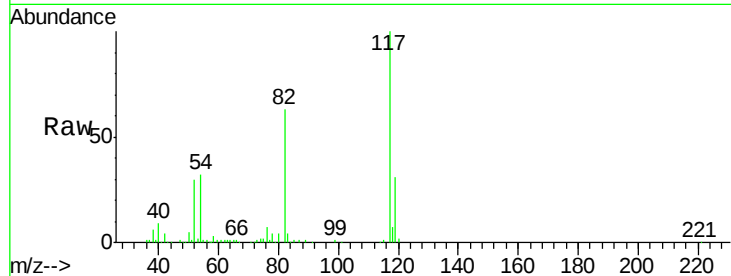




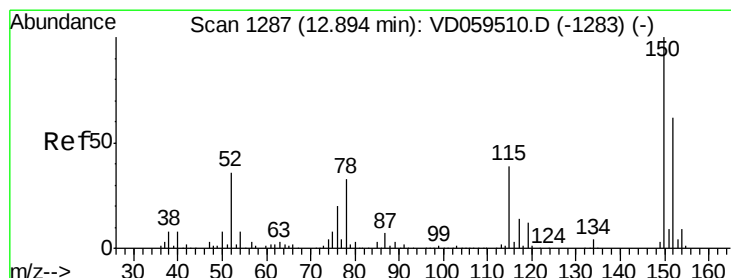
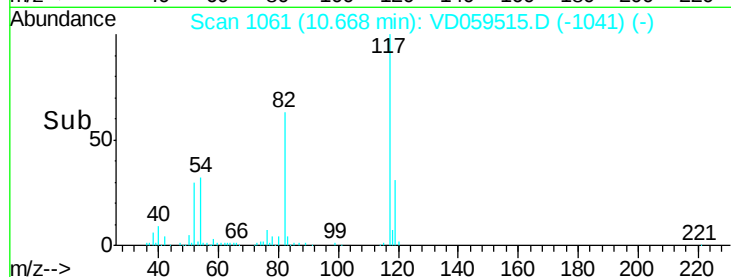
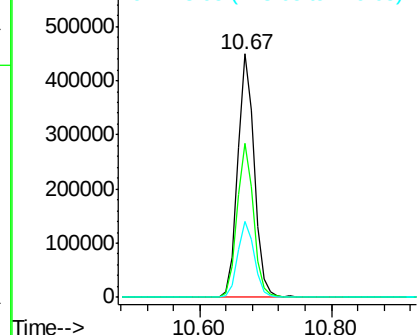
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.67 min Scan# 1061
Delta R.T. -0.00 min
Lab File: VD059515.D
Acq: 2 Jul 2018 21:52

Instrument :
MSVOA_D
ClientSampleId :
VD0702SBL01

Tot Ion:117 Resp: 796079
Ion Ratio Lower Upper
117 100
82 63.1 51.1 76.7
119 31.1 25.6 38.4

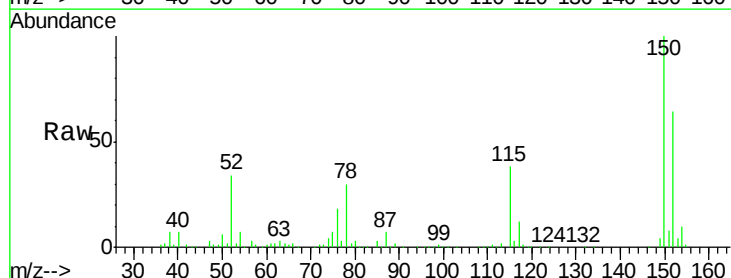


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

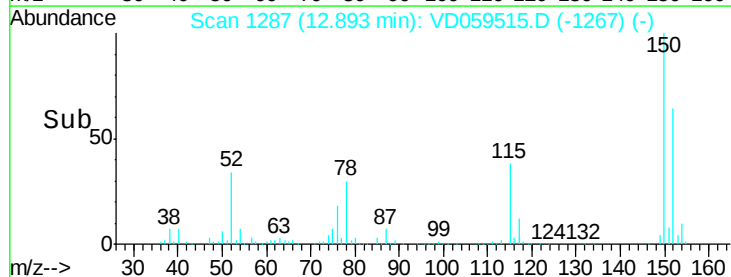
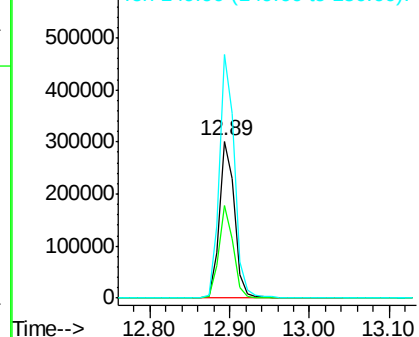


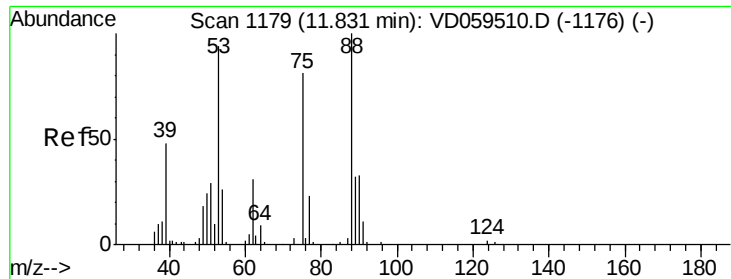
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.89 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VD059515.D
Acq: 2 Jul 2018 21:52

Tgt Ion:152 Resp: 405241
Ion Ratio Lower Upper
152 100
115 58.9 31.3 93.9
150 155.4 0.0 323.6



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: 122.054 ug/l

RT: 11.92 min Scan# 1188

Delta R.T. 0.09 min

Lab File: VD059515.D

Acq: 2 Jul 2018 21:52

Instrument :

MSVOA_D

ClientSampleId :

VD0702SBL01

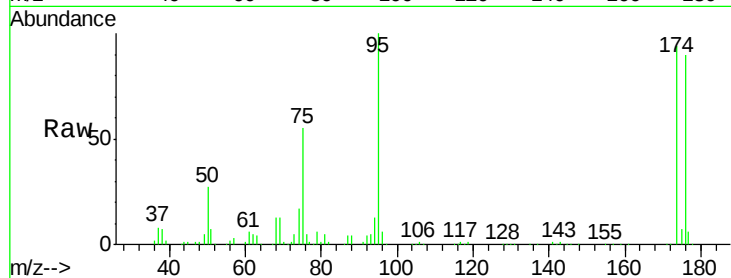
Tot Ion: 75 Resp: 218160

Ion Ratio Lower Upper

75 100

53 0.0 92.6 139.0#

89 0.0 31.5 47.3#



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

