

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061418\
 Data File : VD058143.D
 Acq On : 14 Jun 2018 18:45
 Operator : VA/AP
 Sample : J3482-02
 Misc : 9.07g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 15 06:05:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 08:57:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	643967	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	833860	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.70	117	633201	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	269914	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	259206	40.26	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	80.52%	
35) Dibromofluoromethane	5.55	113	278858	43.22	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	86.44%	
50) Toluene-d8	8.71	98	548384	35.75	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	71.50%	
62) 4-Bromofluorobenzene	11.94	95	214282	32.02	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	64.04%	

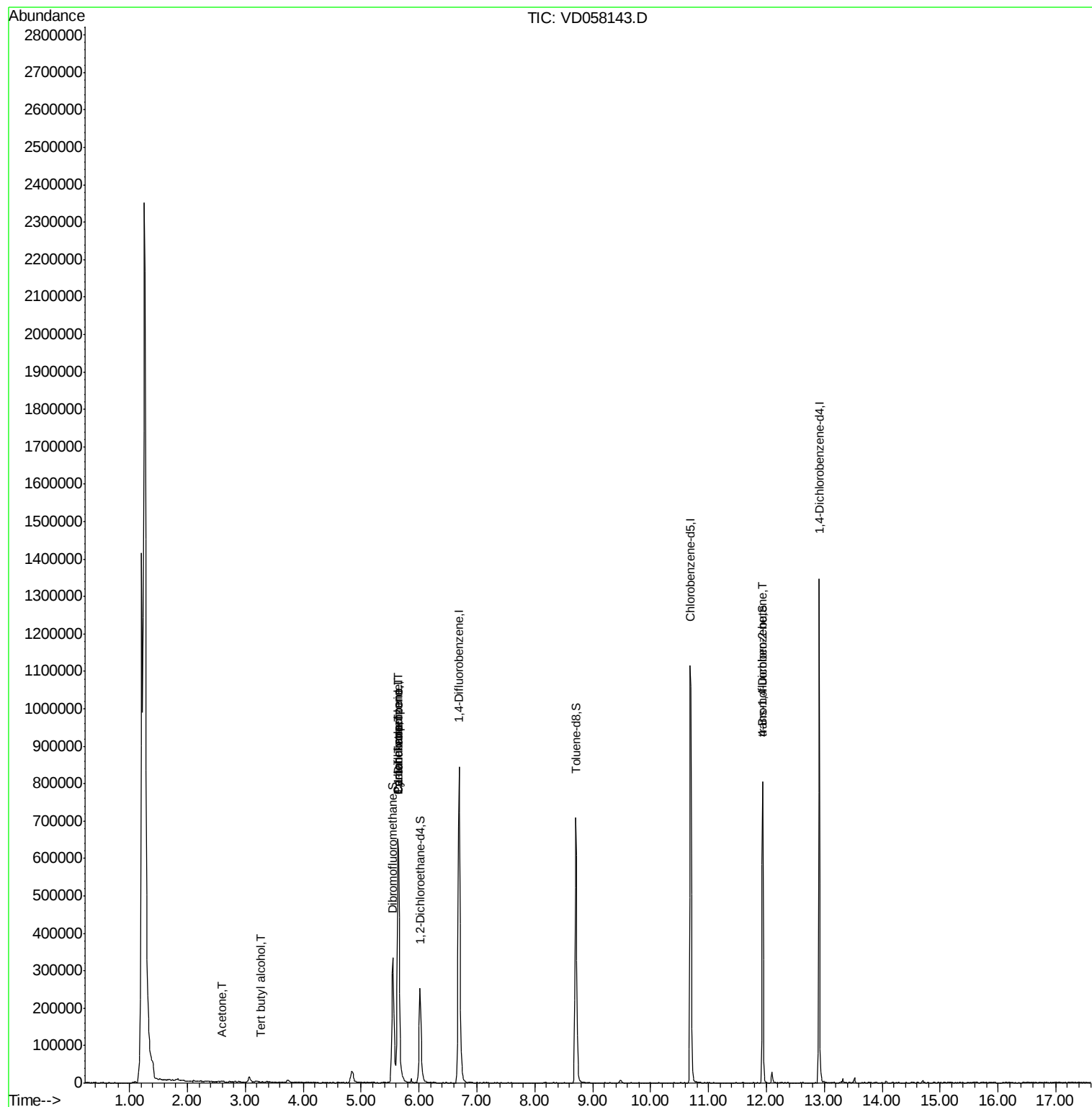
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.26	59	260	1.508	ug/l #	74
16) Acetone	2.60	43	3402	3.668	ug/l #	57
20) Methylene Chloride	3.07	84	5835	Below Cal	#	82
31) Cyclohexane	5.64	56	13681	1.222	ug/l #	1
36) 1,1-Dichloropropene	5.64	75	54927	5.979	ug/l #	50
38) Carbon Tetrachloride	5.65	117	52412	5.789	ug/l #	14
81) trans-1,4-Dichloro-2-buten	11.94	75	106221	105.773	ug/l #	6
82) 4-Chlorotoluene	12.15	91	361	Below Cal	#	50

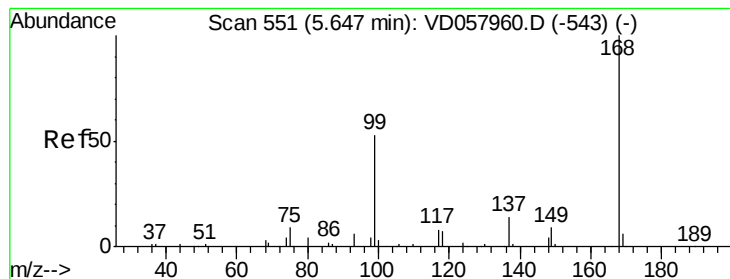
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061418\
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Quant Time: Jun 15 06:05:36 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 08:57:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 551

Delta R.T. -0.00 min

Lab File: VD058143.D

Acq: 14 Jun 2018 18:45

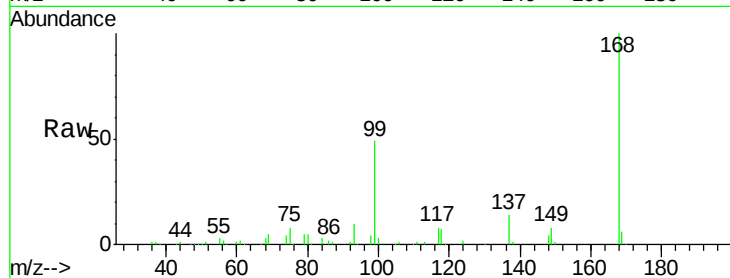
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 643967

Ion Ratio Lower Upper

168 100

99 49.4 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.65

250000

200000

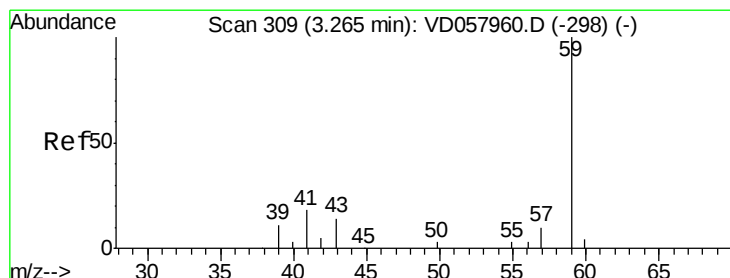
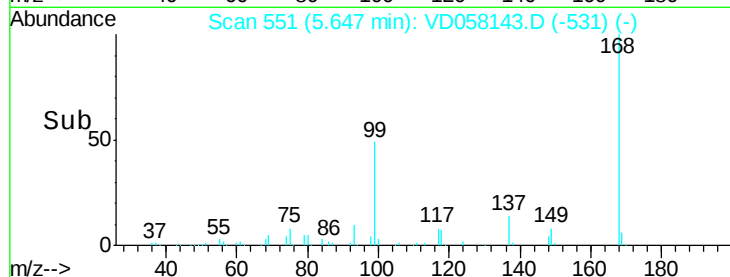
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 1.508 ug/l

RT: 3.26 min Scan# 309

Delta R.T. -0.00 min

Lab File: VD058143.D

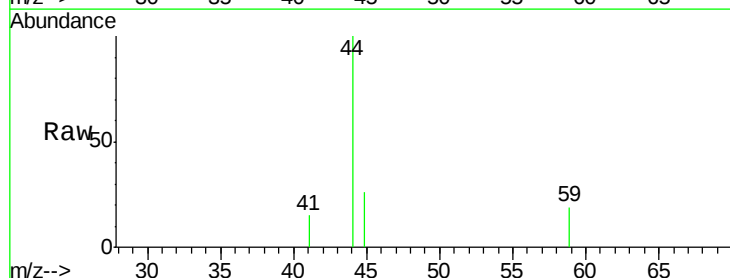
Acq: 14 Jun 2018 18:45

Tgt Ion: 59 Resp: 260

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC

3.26

500

400

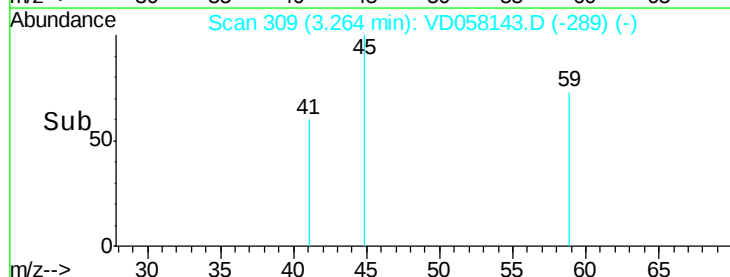
300

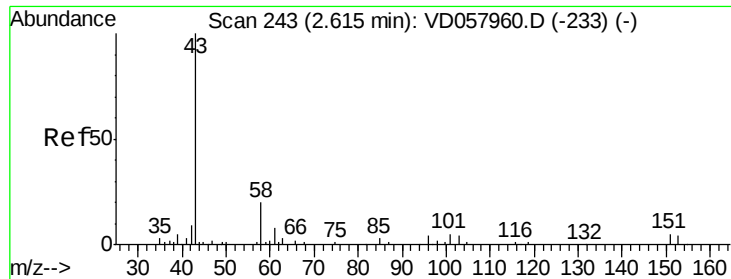
200

100

0

Time--> 3.24 3.26 3.28

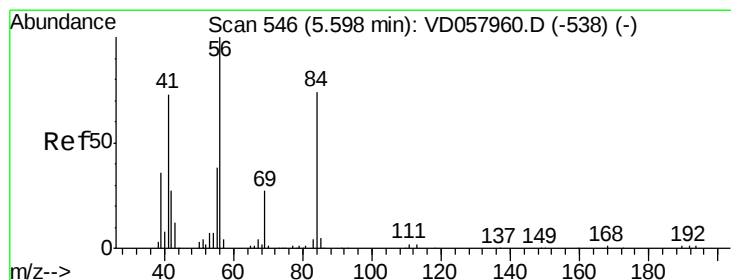
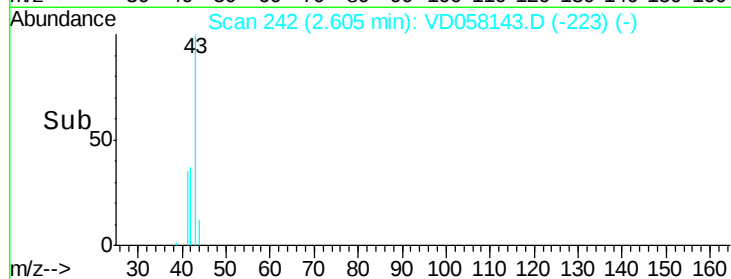
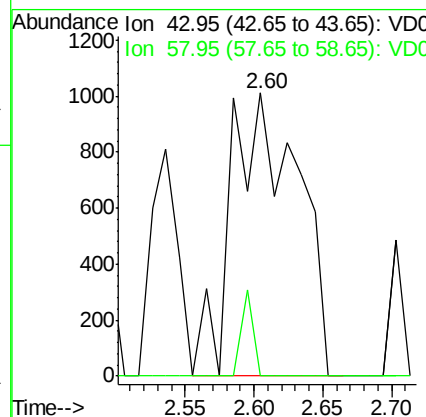
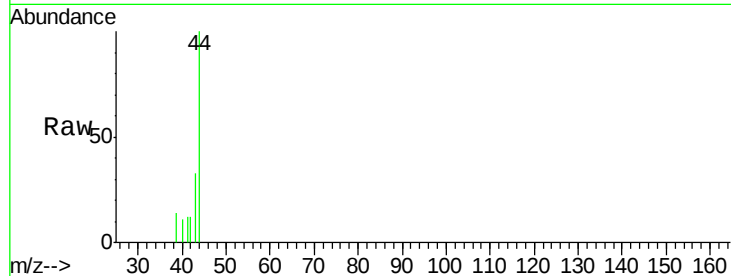




#16
Acetone
Concen: 3.668 ug/l
RT: 2.60 min Scan# 242
Delta R.T. -0.01 min
Lab File: VD058143.D
Acq: 14 Jun 2018 18:45

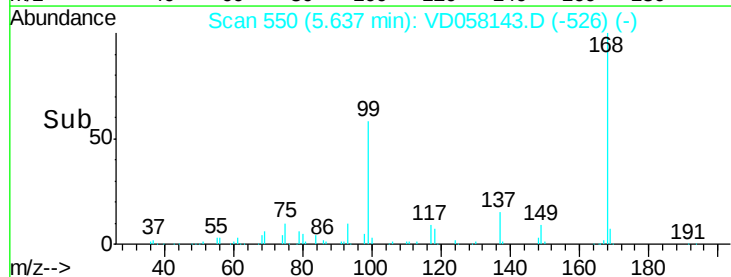
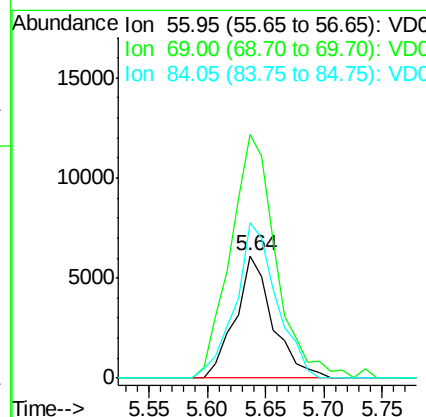
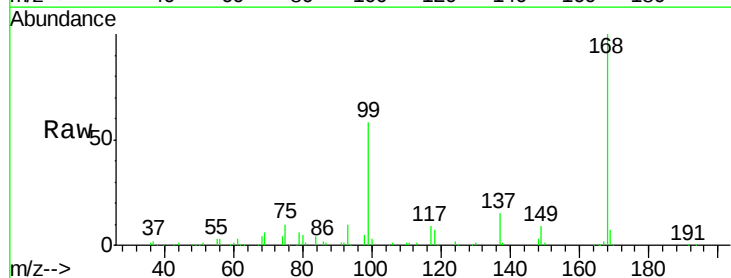
Instrument :
MSVOA_D
ClientSampled :

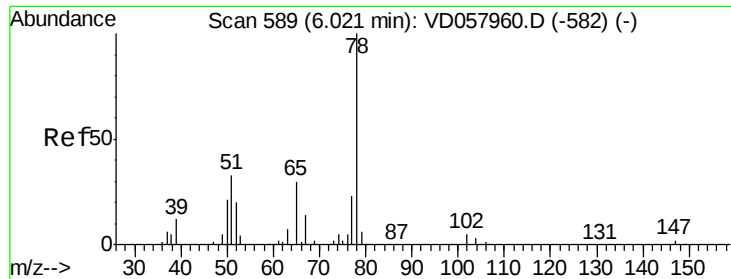
Tot Ion: 43 Resp: 3402
Ion Ratio Lower Upper
43 100
58 0.0 15.8 23.8#



#31
Cyclohexane
Concen: 1.222 ug/l
RT: 5.64 min Scan# 550
Delta R.T. 0.04 min
Lab File: VD058143.D
Acq: 14 Jun 2018 18:45

Tgt Ion: 56 Resp: 13681
Ion Ratio Lower Upper
56 100
69 199.4 21.5 32.3#
84 127.4 61.0 91.6#

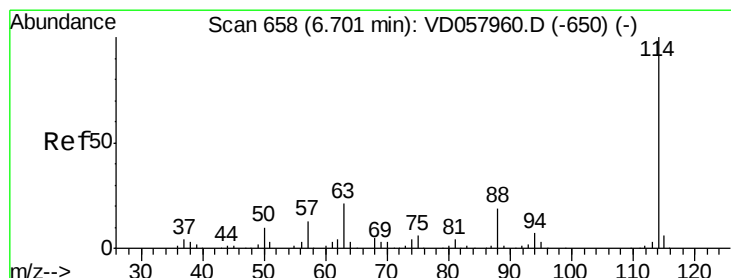
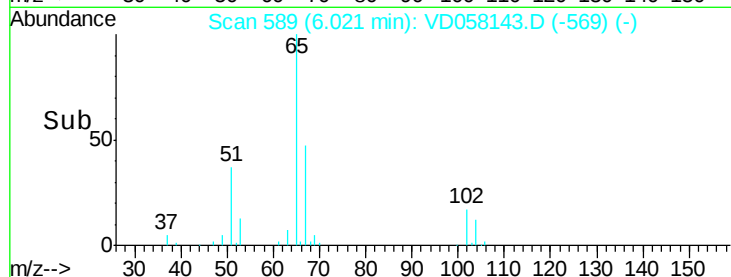
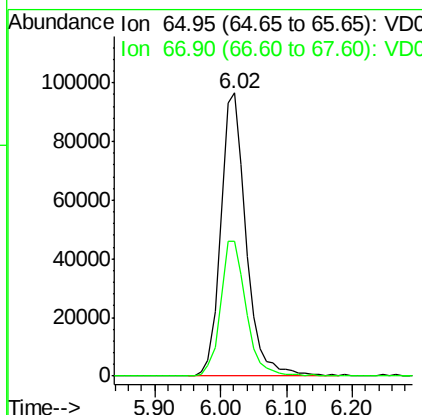
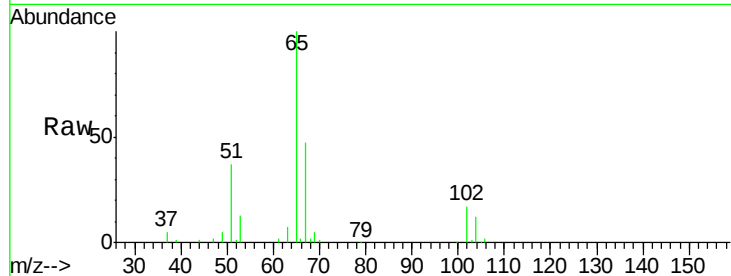




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.02 min Scan# 589
 Delta R.T. -0.00 min
 Lab File: VD058143.D
 Acq: 14 Jun 2018 18:45

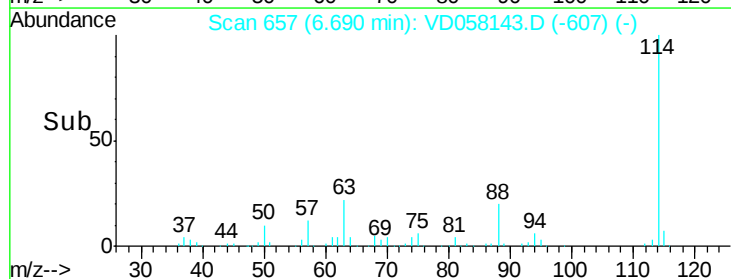
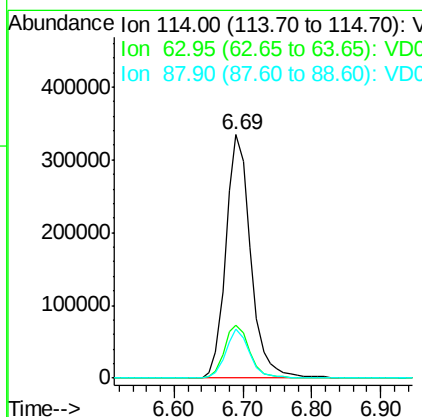
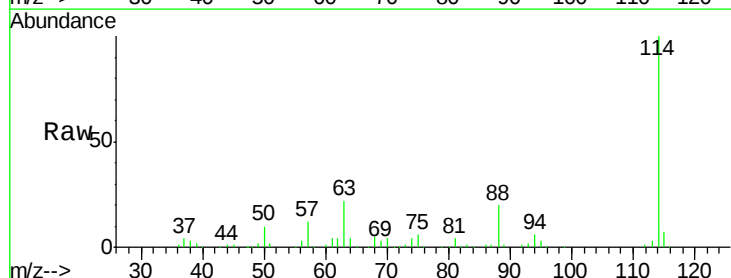
Instrument :
 MSVOA_D
 ClientSampled :

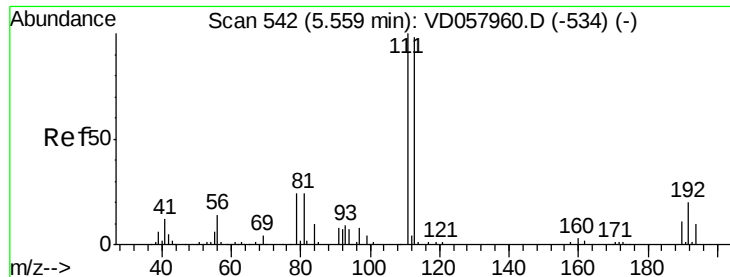
Tot Ion: 65 Resp: 259206
 Ion Ratio Lower Upper
 65 100
 67 47.5 0.0 94.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VD058143.D
 Acq: 14 Jun 2018 18:45

Tgt Ion: 114 Resp: 833860
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 42.8
 88 20.0 0.0 37.8

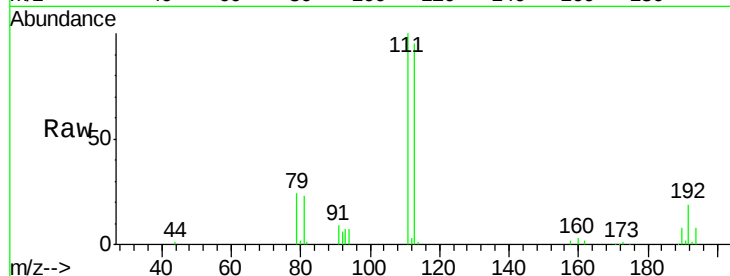




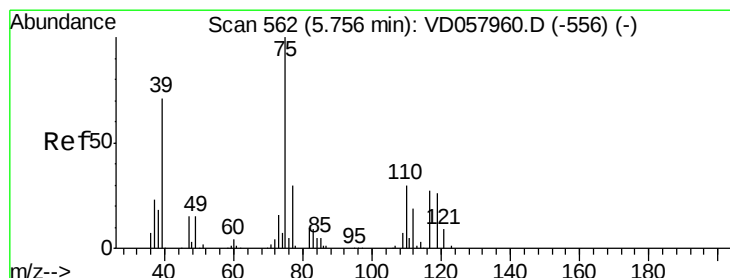
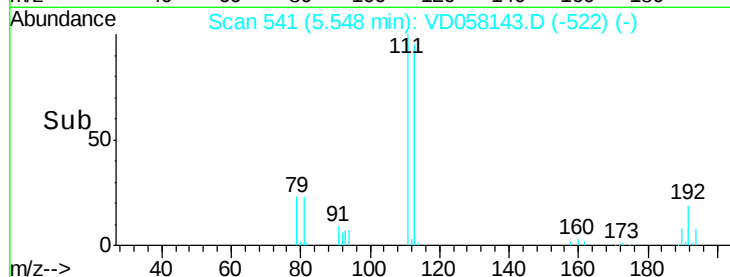
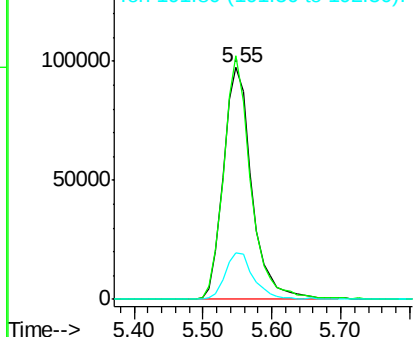
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 5.55 min Scan# 541
Delta R.T. -0.01 min
Lab File: VD058143.D
Acq: 14 Jun 2018 18:45

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:113 Resp: 278858
Ion Ratio Lower Upper
113 100
111 105.1 81.5 122.3
192 19.9 16.4 24.6

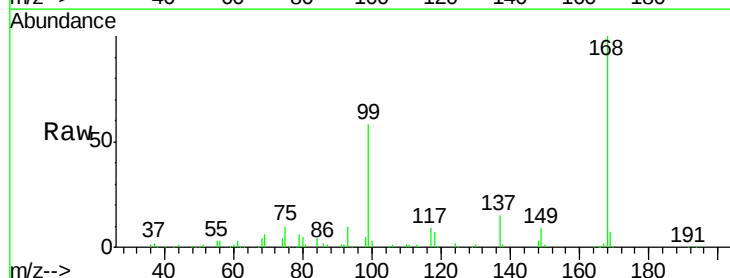


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

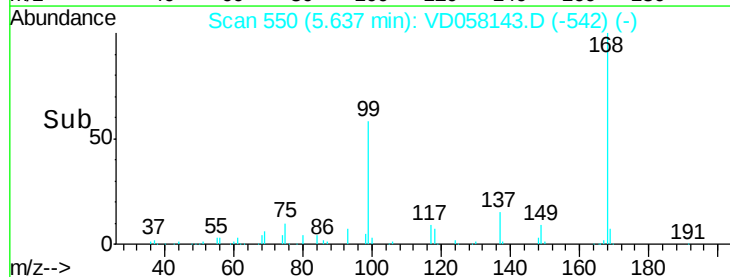
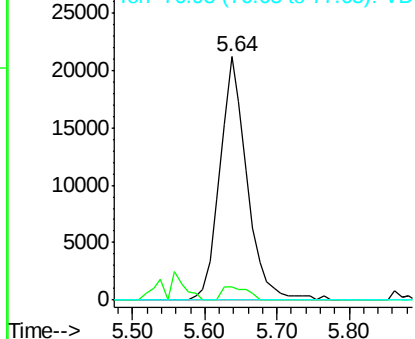


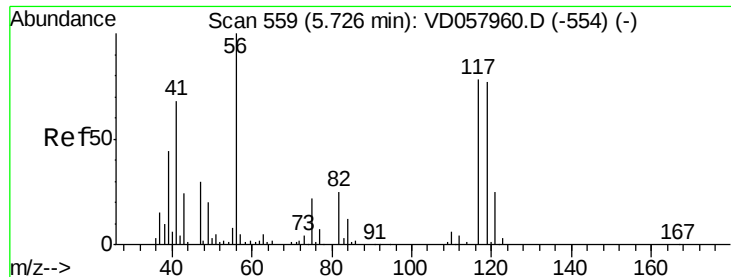
#36
1,1-Dichloropropene
Concen: 5.979 ug/l
RT: 5.64 min Scan# 550
Delta R.T. -0.12 min
Lab File: VD058143.D
Acq: 14 Jun 2018 18:45

Tgt Ion: 75 Resp: 54927
Ion Ratio Lower Upper
75 100
110 5.5 14.8 44.3#
77 0.0 23.9 35.9#



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: 5.789 ug/l

RT: 5.65 min Scan# 551

Delta R.T. -0.08 min

Lab File: VD058143.D

Acq: 14 Jun 2018 18:45

Instrument :

MSVOA_D

ClientSampleId :

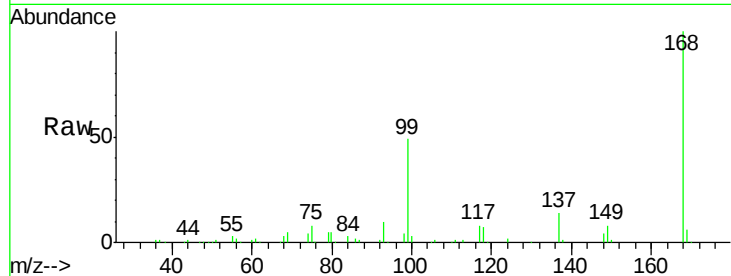
Tot Ion:117 Resp: 52412

Ion Ratio Lower Upper

117 100

119 2.4 76.1 114.1#

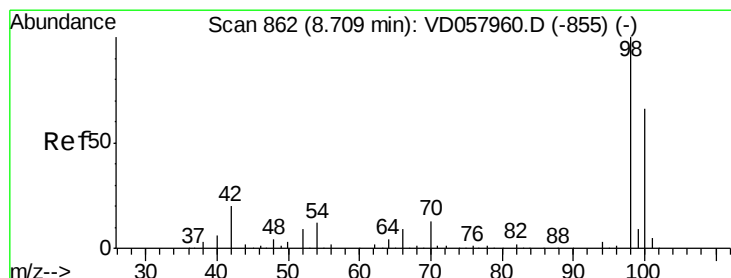
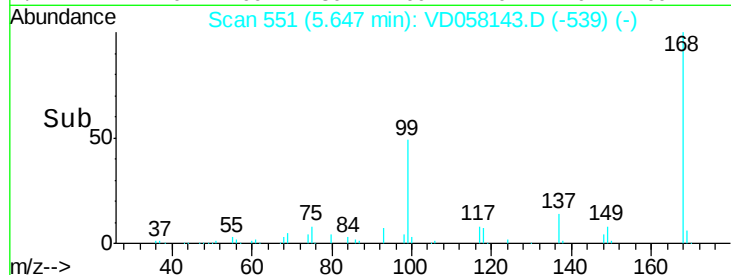
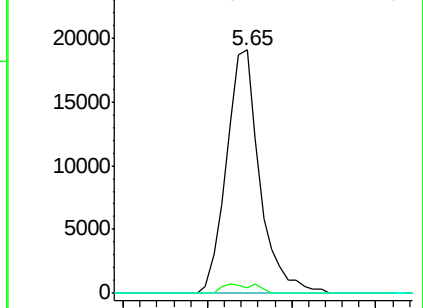
121 0.0 24.9 37.3#



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. -0.00 min

Lab File: VD058143.D

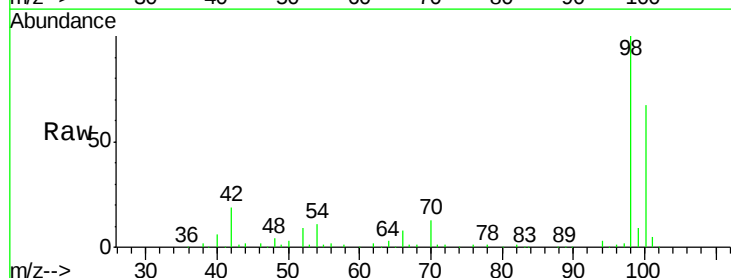
Acq: 14 Jun 2018 18:45

Tgt Ion: 98 Resp: 548384

Ion Ratio Lower Upper

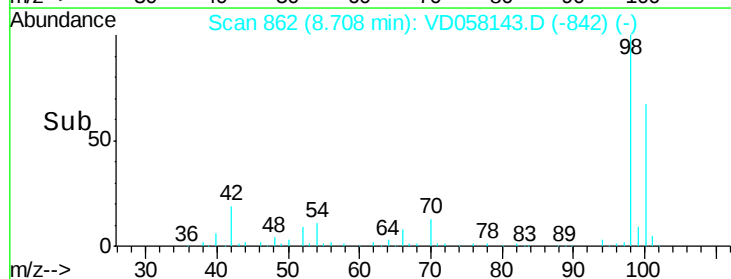
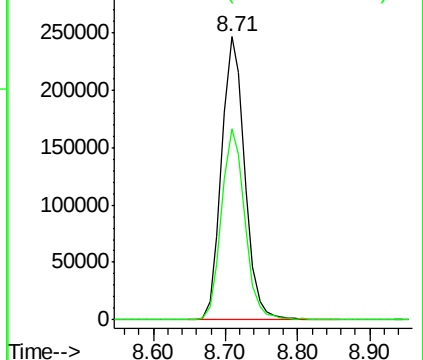
98 100

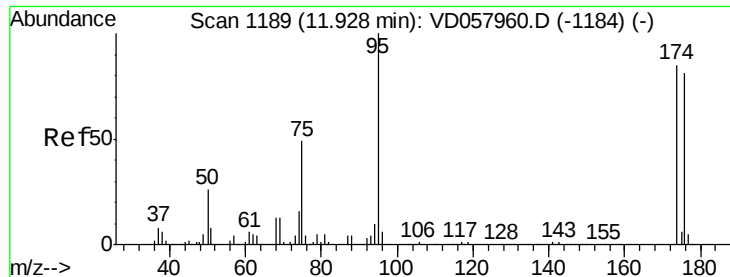
100 67.4 53.4 80.0



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: 11.94 min Scan# 1190

Delta R.T. 0.01 min

Lab File: VD058143.D

Acq: 14 Jun 2018 18:45

Instrument :

MSVOA_D

ClientSampleId :

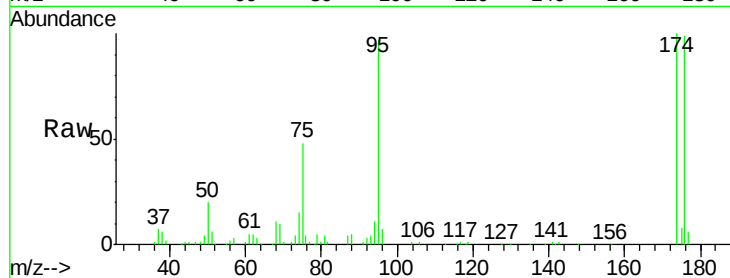
Tot Ion: 95 Resp: 214282

Ion Ratio Lower Upper

95 100

174 102.7 0.0 169.4

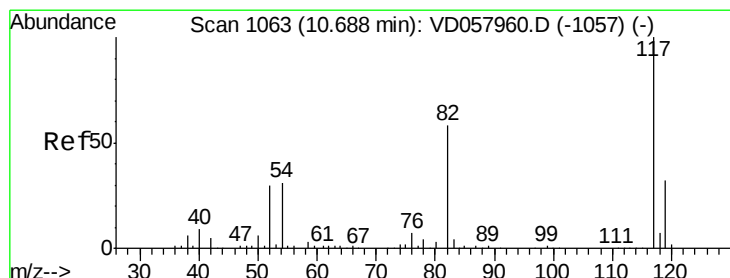
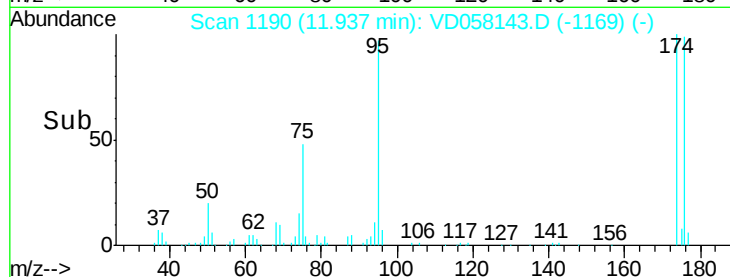
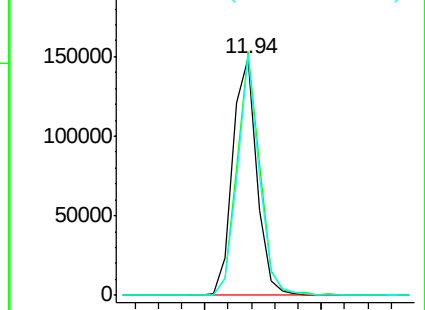
176 101.9 0.0 162.6



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: 10.70 min Scan# 1064

Delta R.T. 0.01 min

Lab File: VD058143.D

Acq: 14 Jun 2018 18:45

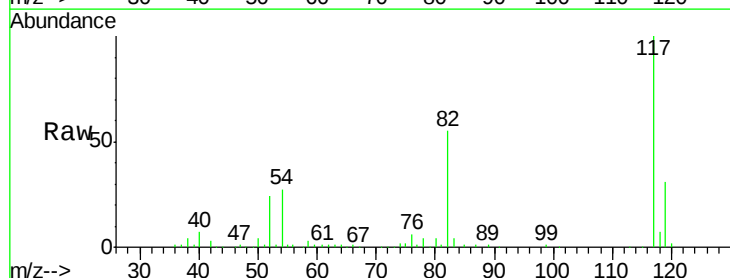
Tgt Ion: 117 Resp: 633201

Ion Ratio Lower Upper

117 100

82 55.4 46.8 70.2

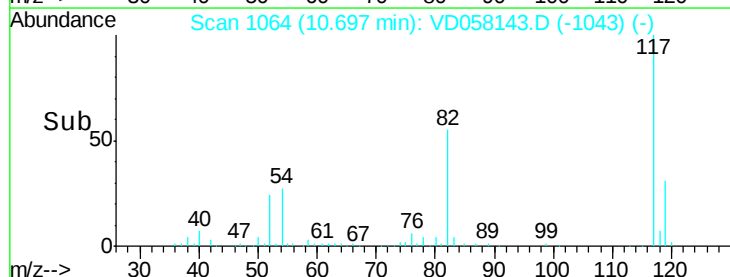
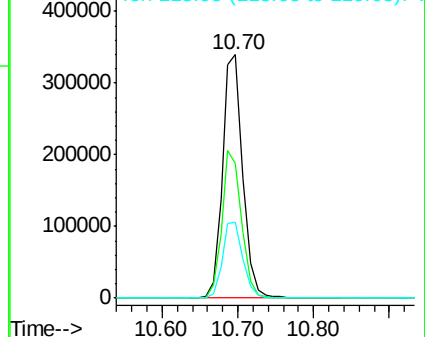
119 31.0 25.8 38.6

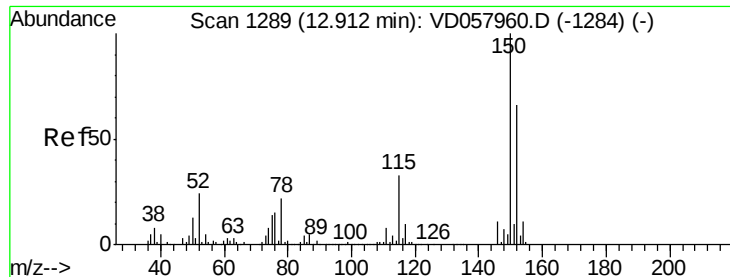


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD058143.D

Acq: 14 Jun 2018 18:45

Instrument :

MSVOA_D

ClientSampleId :

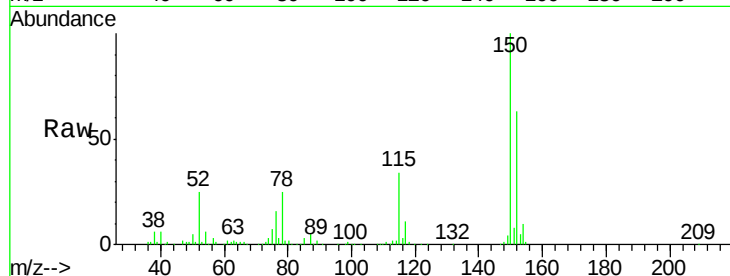
Tot Ion:152 Resp: 269914

Ion Ratio Lower Upper

152 100

115 53.6 25.6 76.6

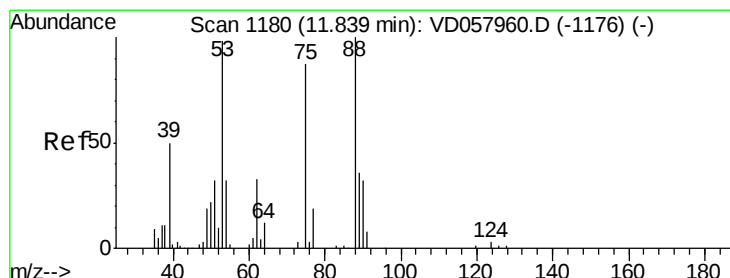
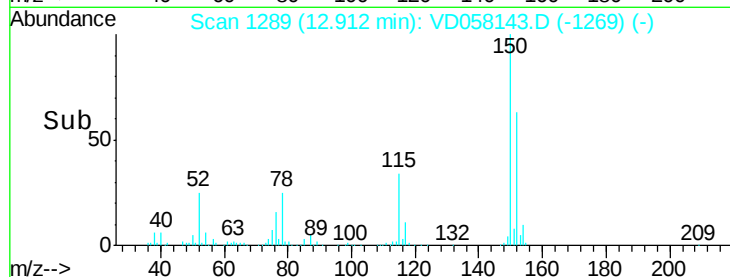
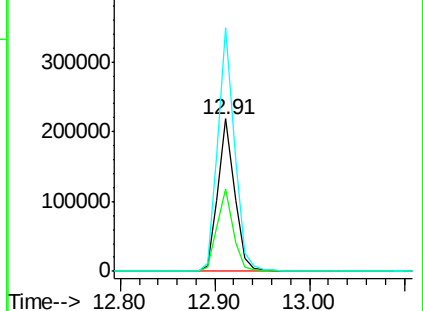
150 159.8 0.0 306.8



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: 105.773 ug/l

RT: 11.94 min Scan# 1190

Delta R.T. 0.10 min

Lab File: VD058143.D

Acq: 14 Jun 2018 18:45

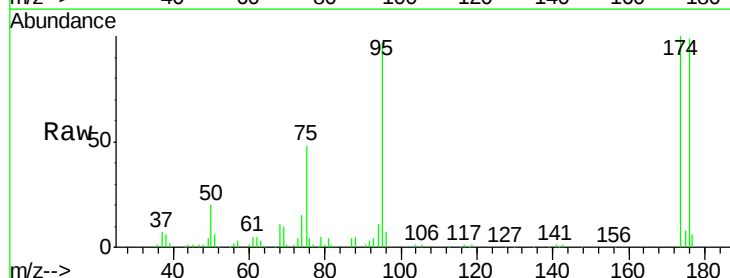
Tgt Ion: 75 Resp: 106221

Ion Ratio Lower Upper

75 100

53 0.0 89.3 133.9#

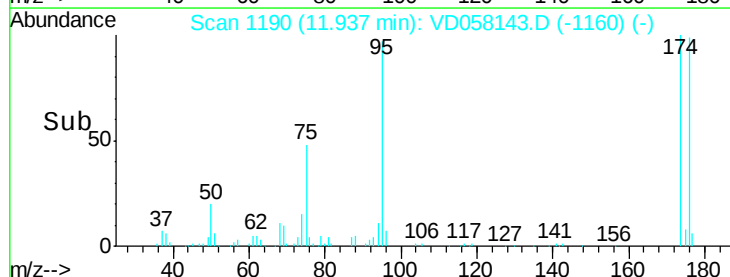
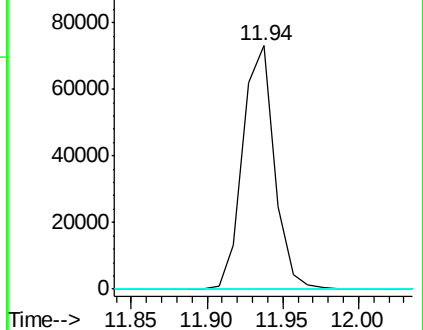
89 0.0 33.3 49.9#

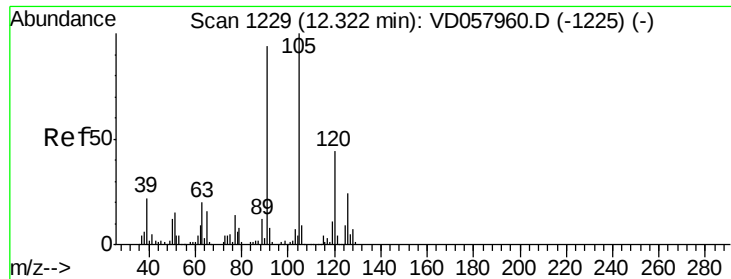


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC





#82
 4-Chlorotoluene
 Concen: Below Cal
 RT: 12.15 min Scan# 1212
 Delta R.T. -0.17 min
 Lab File: VD058143.D
 Acq: 14 Jun 2018 18:45

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 91 Resp: 361
 Ion Ratio Lower Upper
 91 100
 126 0.0 12.5 37.5#

