

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061418\
 Data File : VD058147.D
 Acq On : 14 Jun 2018 20:38
 Operator : VA/AP
 Sample : J3501-07
 Misc : 7.48g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 15 06:06:09 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	5.64	168	704501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.70	114	930529	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	750415	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	414697	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	328690	46.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.34%	
35) Dibromofluoromethane	5.55	113	337788	46.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.84%	
50) Toluene-d8	8.71	98	739478	43.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.40%	
62) 4-Bromofluorobenzene	11.92	95	228222	30.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	61.12%	

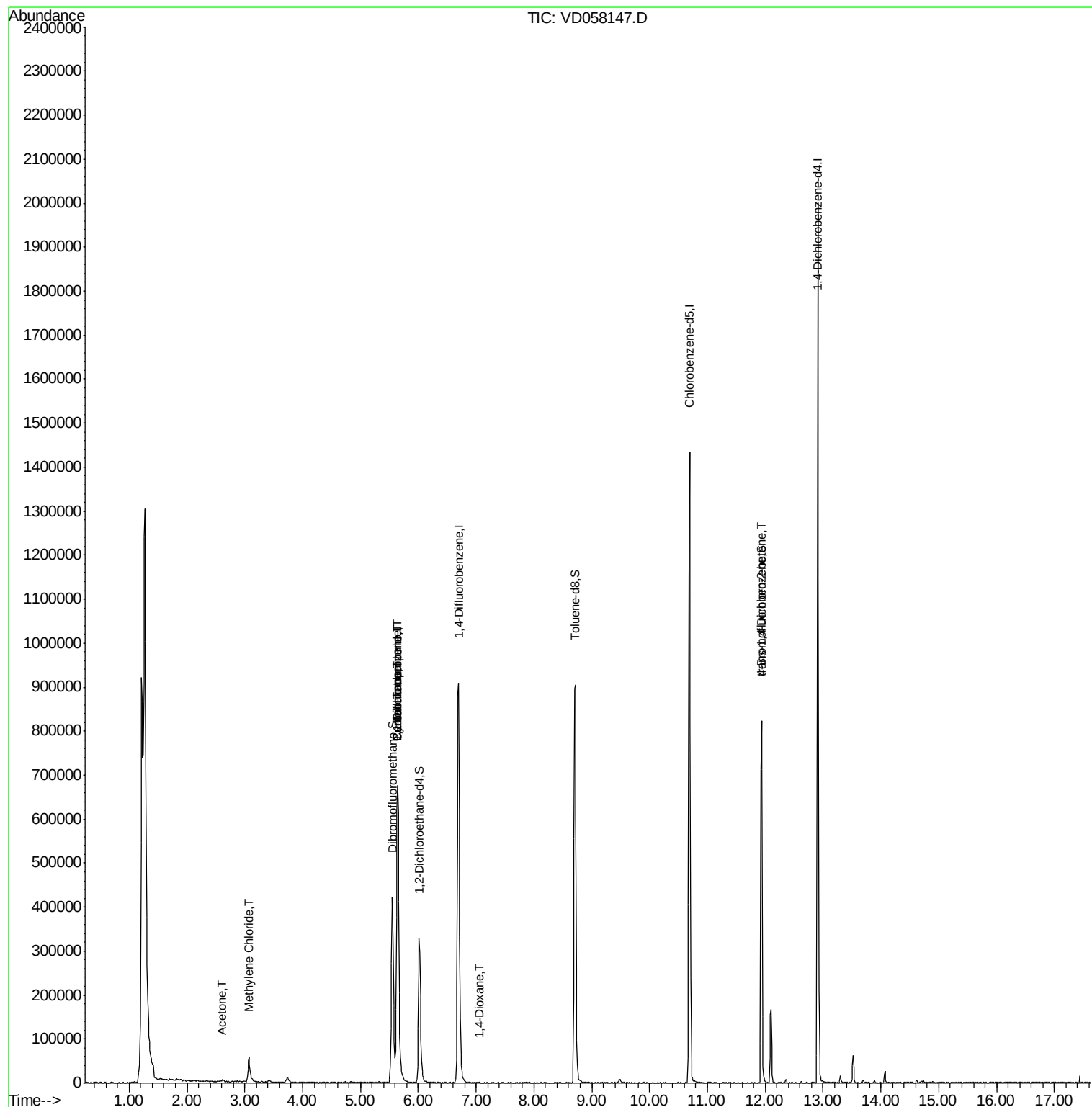
Target Compounds						Qvalue
16) Acetone	2.61	43	10286	10.137	ug/l	92
20) Methylene Chloride	3.07	84	26010	3.277	ug/l #	96
31) Cyclohexane	5.64	56	16340	1.334	ug/l #	1
36) 1,1-Dichloropropene	5.64	75	59250	5.779	ug/l #	50
38) Carbon Tetrachloride	5.64	117	59558	5.895	ug/l #	15
49) 1,4-Dioxane	7.06	88	197	5.273	ug/l #	15
81) trans-1,4-Dichloro-2-buten	11.92	75	122297	79.264	ug/l #	6
82) 4-Chlorotoluene	12.33	91	289	Below Cal	#	50

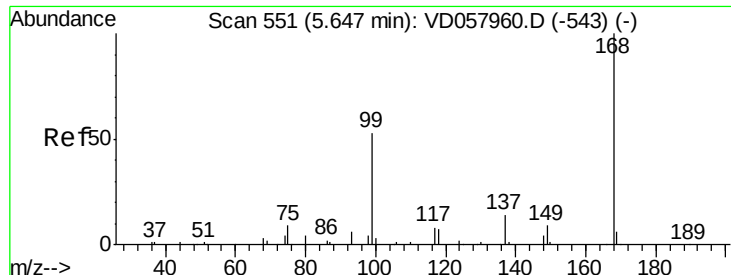
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061418\
Data File : VD058147.D
Acq On : 14 Jun 2018 20:38
Operator : VA/AP
Sample : J3501-07
Misc : 7.48g/5ml/MSVOA D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jun 15 06:06:09 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: 5.64 min Scan# 550

Delta R.T. -0.00 min

Lab File: VD058147.D

Acq: 14 Jun 2018 20:38

Instrument :

MSVOA_D

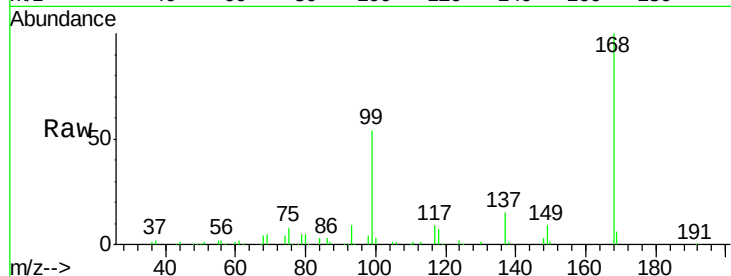
ClientSampleId :

Tot Ion:168 Resp: 704501

Ion Ratio Lower Upper

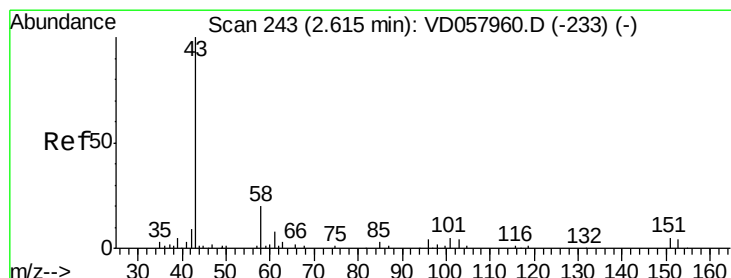
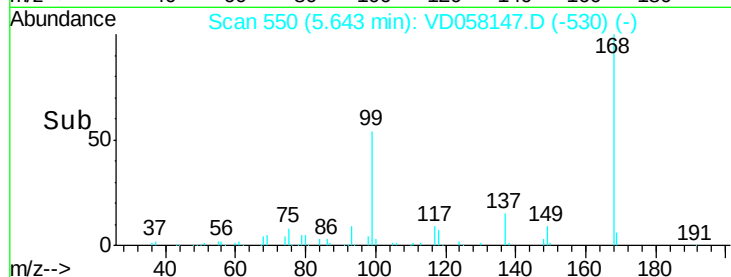
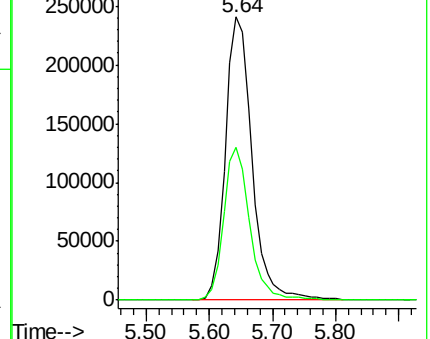
168 100

99 54.0 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 10.137 ug/l

RT: 2.61 min Scan# 242

Delta R.T. -0.00 min

Lab File: VD058147.D

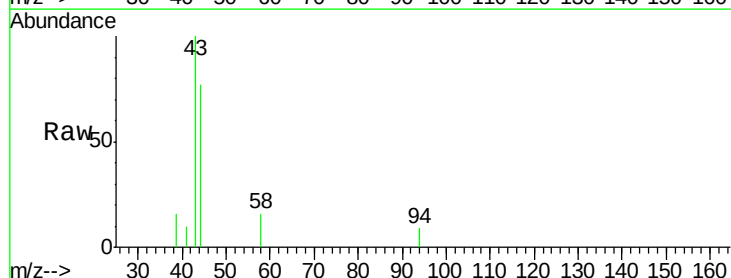
Acq: 14 Jun 2018 20:38

Tgt Ion: 43 Resp: 10286

Ion Ratio Lower Upper

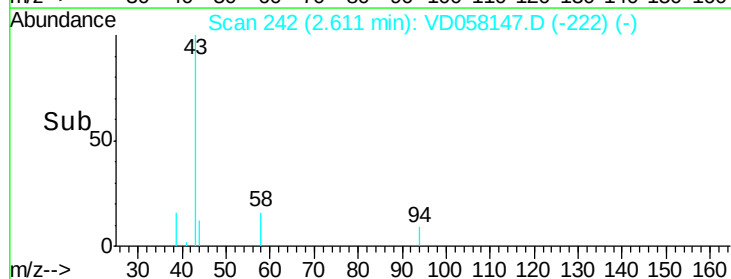
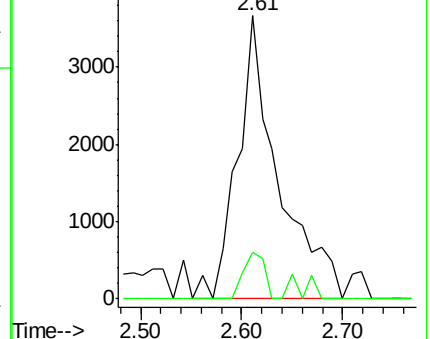
43 100

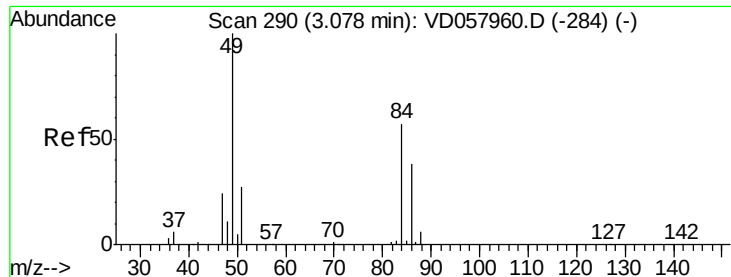
58 16.3 15.8 23.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

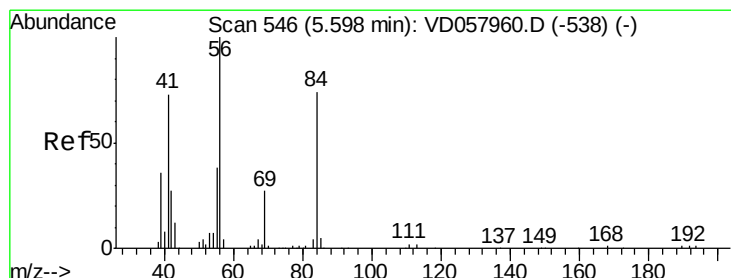
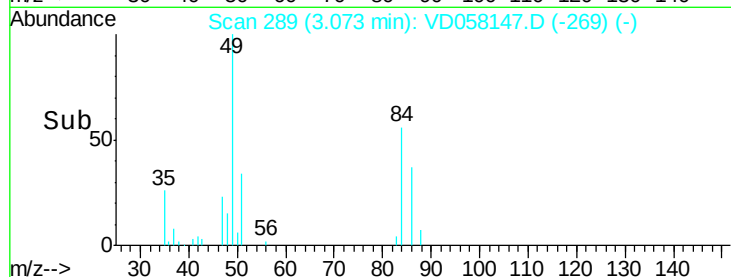
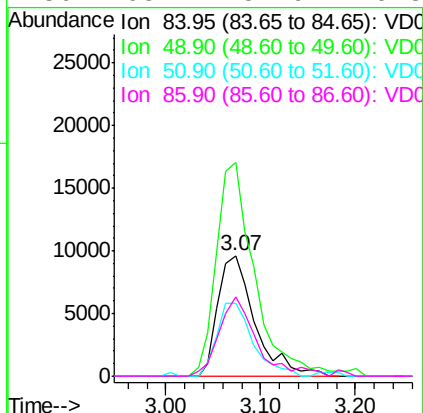
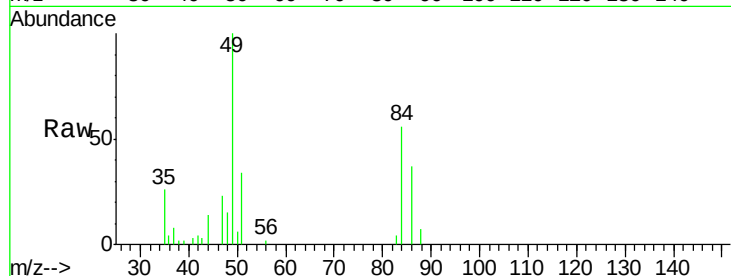




#20
Methvlene Chloride
Concen: 3.277 ug/l
RT: 3.07 min Scan# 289
Delta R.T. -0.00 min
Lab File: VD058147.D
Acq: 14 Jun 2018 20:38

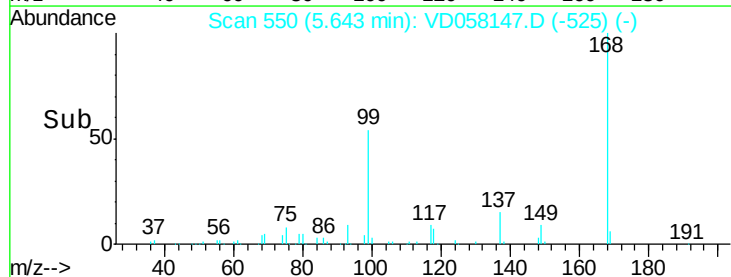
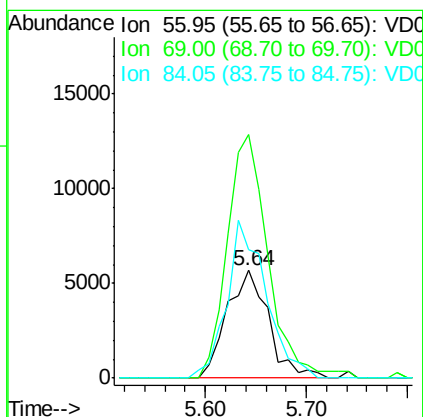
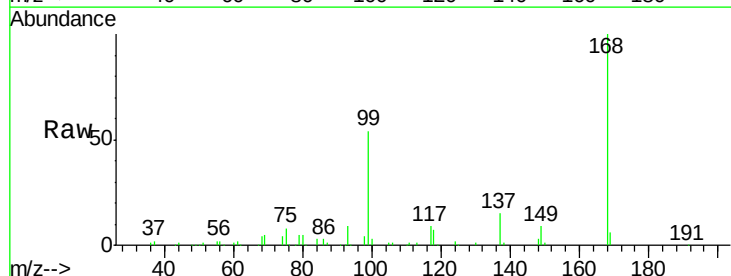
Instrument :
MSVOA_D
ClientSampleId :

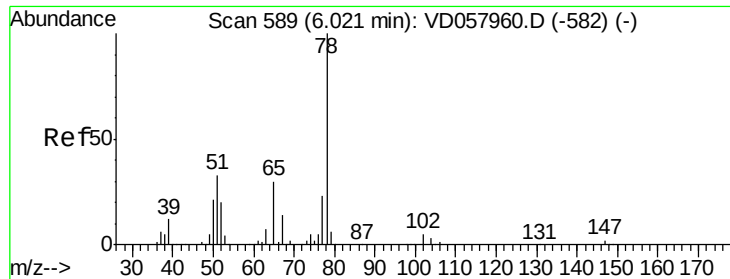
Tot Ion: 84 Resp: 26010
Ion Ratio Lower Upper
84 100
49 177.3 141.4 212.0
51 60.7 38.3 57.5#
86 65.4 52.9 79.3



#31
Cyclohexane
Concen: 1.334 ug/l
RT: 5.64 min Scan# 550
Delta R.T. 0.04 min
Lab File: VD058147.D
Acq: 14 Jun 2018 20:38

Tgt Ion: 56 Resp: 16340
Ion Ratio Lower Upper
56 100
69 225.9 21.5 32.3#
84 119.7 61.0 91.6#

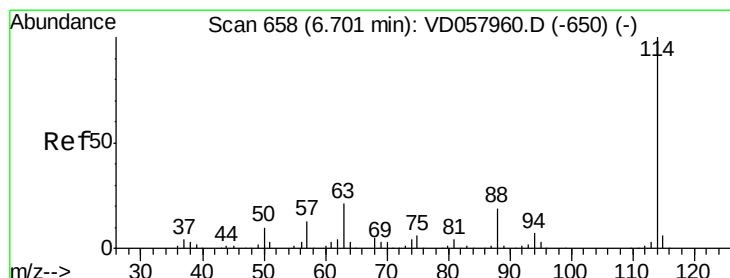
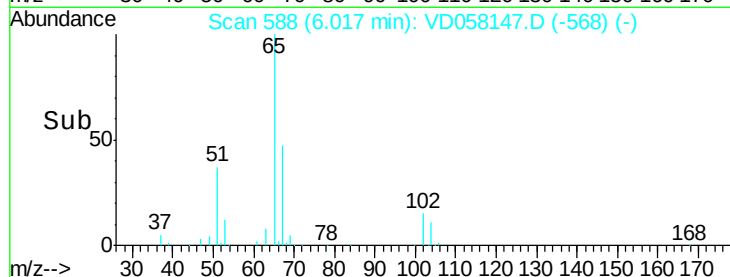
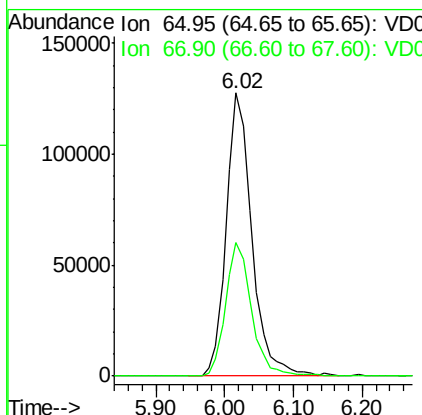
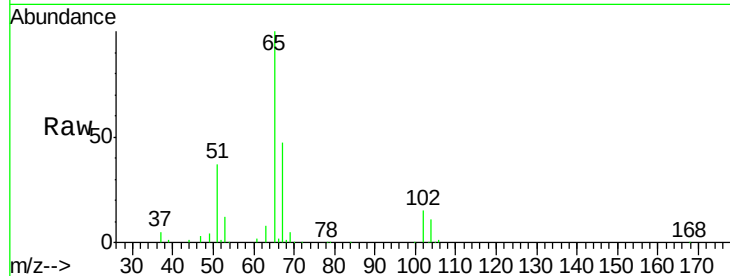




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.02 min Scan# 588
 Delta R.T. -0.00 min
 Lab File: VD058147.D
 Acq: 14 Jun 2018 20:38

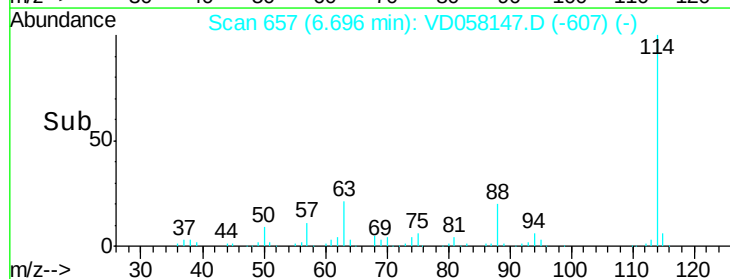
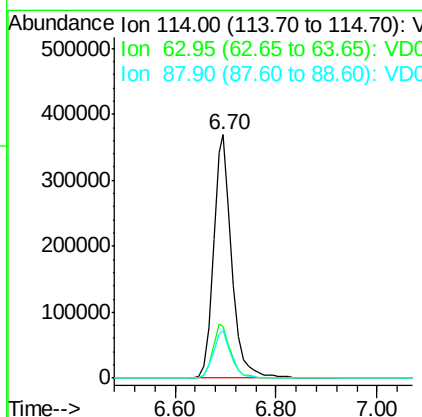
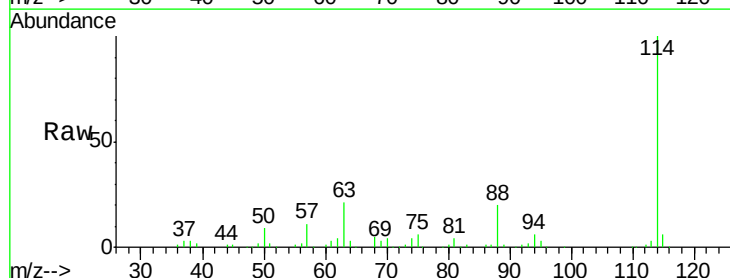
Instrument :
 MSVOA_D
 ClientSampled :

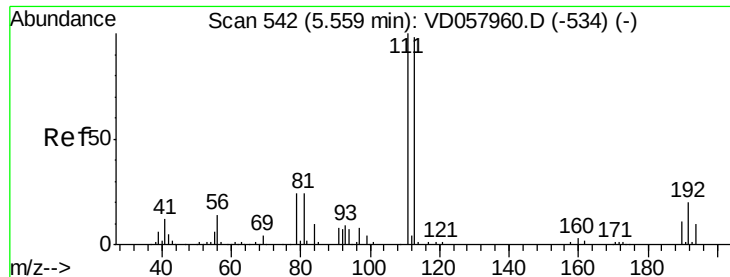
Tot Ion: 65 Resp: 328690
 Ion Ratio Lower Upper
 65 100
 67 47.1 0.0 94.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.70 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: VD058147.D
 Acq: 14 Jun 2018 20:38

Tgt Ion: 114 Resp: 930529
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 42.8
 88 19.6 0.0 37.8

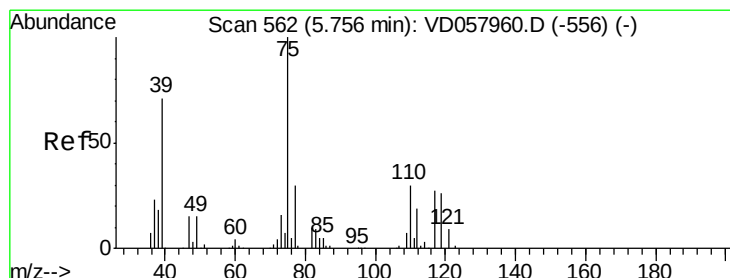
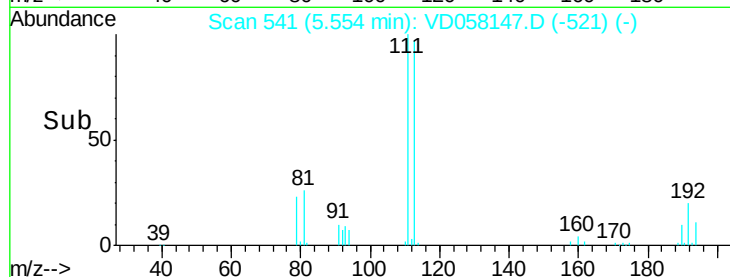
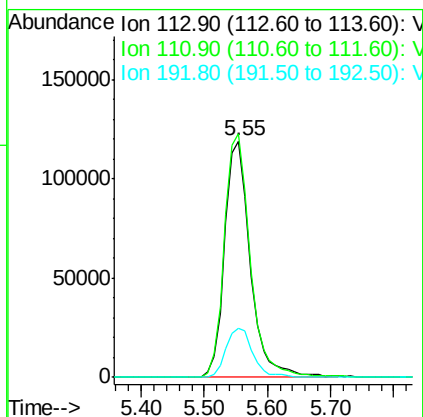
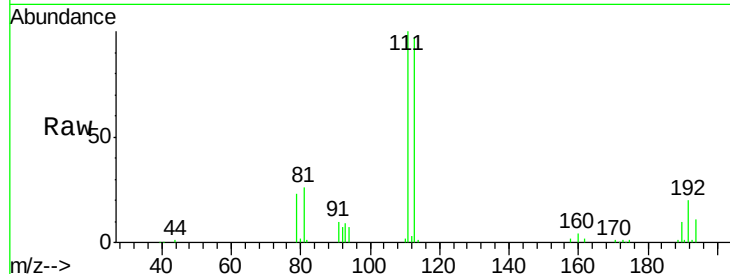




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 5.55 min Scan# 541
Delta R.T. -0.00 min
Lab File: VD058147.D
Acq: 14 Jun 2018 20:38

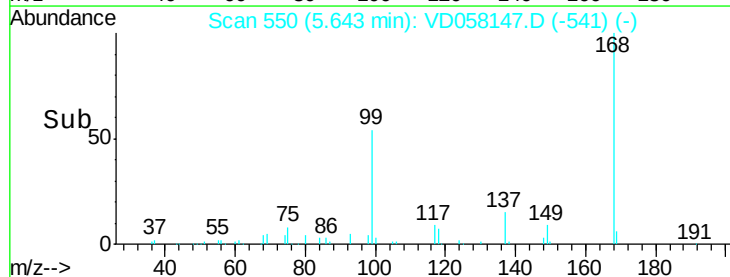
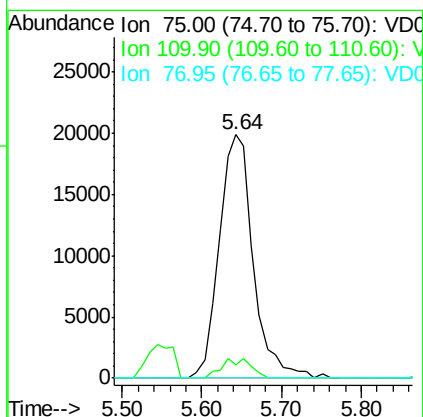
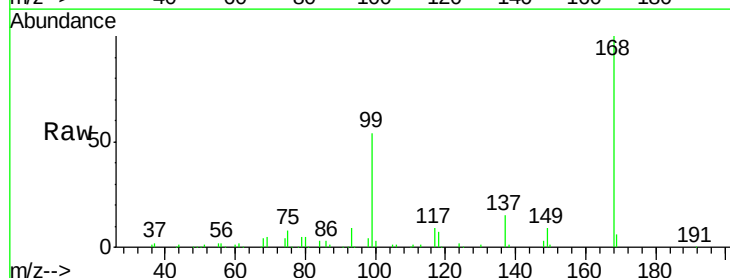
Instrument :
MSVOA_D
ClientSampleId :

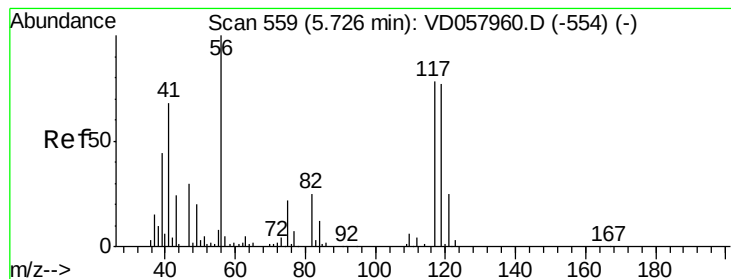
Tot Ion:113 Resp: 337788
Ion Ratio Lower Upper
113 100
111 102.9 81.5 122.3
192 20.8 16.4 24.6



#36
1,1-Dichloropropene
Concen: 5.779 ug/l
RT: 5.64 min Scan# 550
Delta R.T. -0.11 min
Lab File: VD058147.D
Acq: 14 Jun 2018 20:38

Tgt Ion: 75 Resp: 59250
Ion Ratio Lower Upper
75 100
110 5.5 14.8 44.3#
77 0.0 23.9 35.9#





#38

Carbon Tetrachloride

Concen: 5.895 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.08 min

Lab File: VD058147.D

Acq: 14 Jun 2018 20:38

Instrument :

MSVOA_D

ClientSampleId :

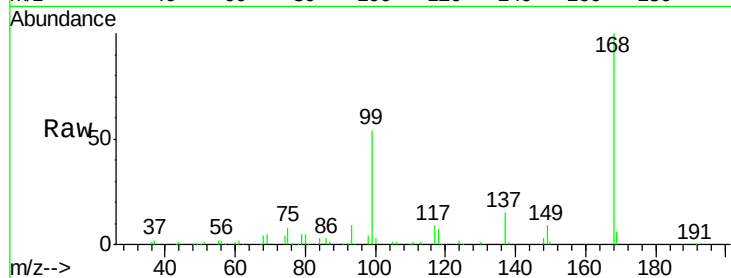
Tot Ion:117 Resp: 59558

Ion Ratio Lower Upper

117 100

119 3.8 76.1 114.1#

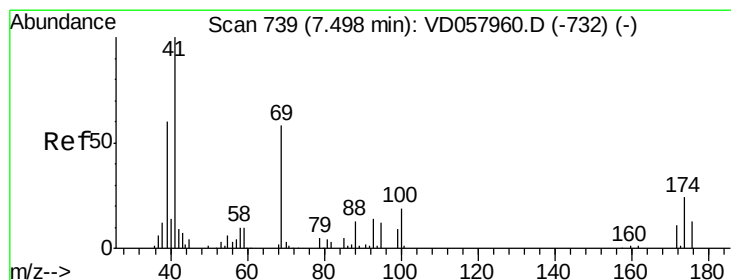
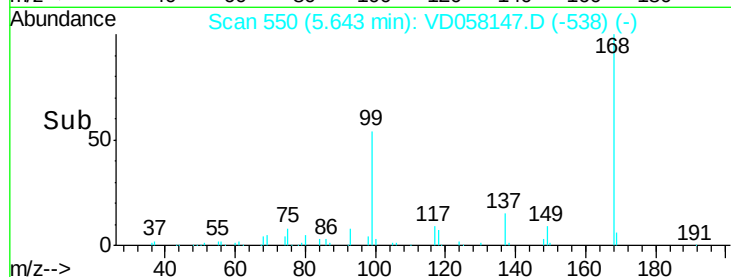
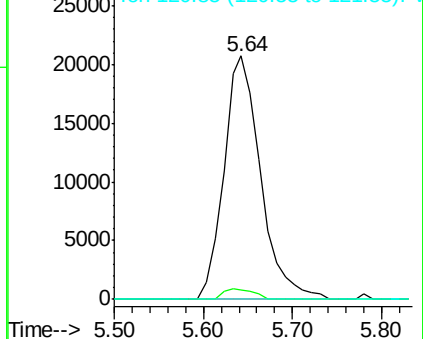
121 0.0 24.9 37.3#



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



#49

1,4-Dioxane

Concen: 5.273 ug/l

RT: 7.06 min Scan# 694

Delta R.T. -0.44 min

Lab File: VD058147.D

Acq: 14 Jun 2018 20:38

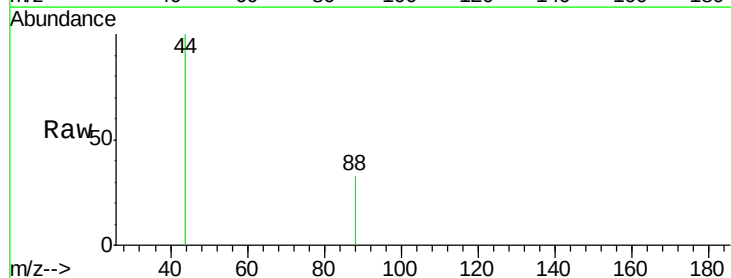
Tgt Ion: 88 Resp: 197

Ion Ratio Lower Upper

88 100

43 0.0 46.6 69.8#

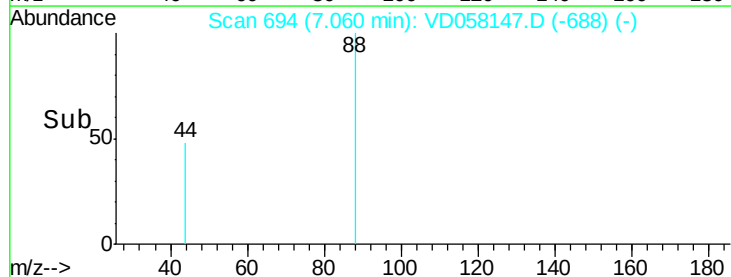
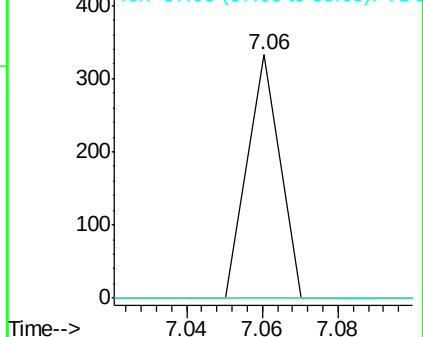
58 0.0 63.6 95.4#

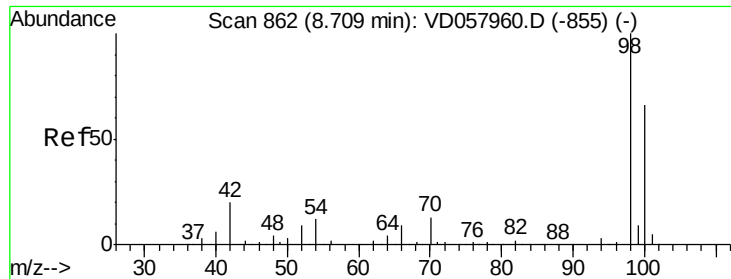


Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 57.95 (57.65 to 58.65): VDC

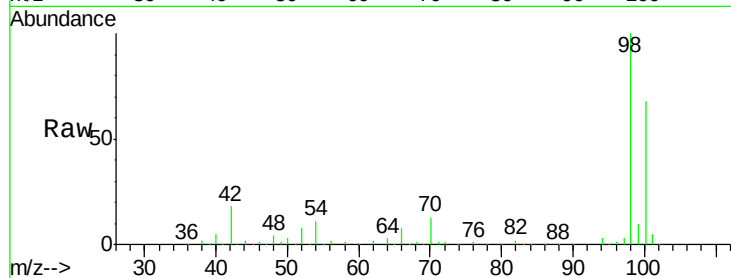




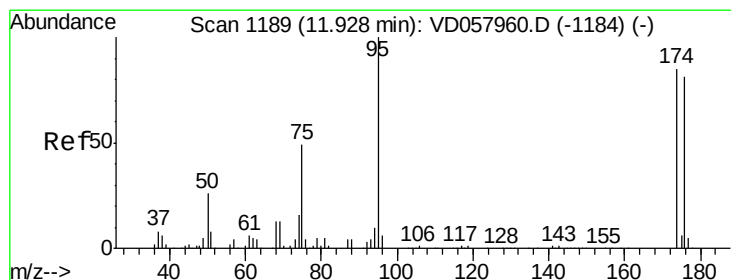
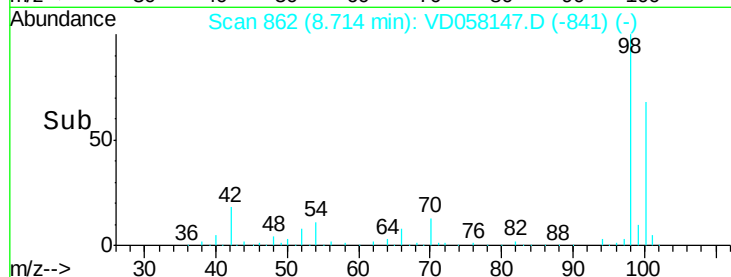
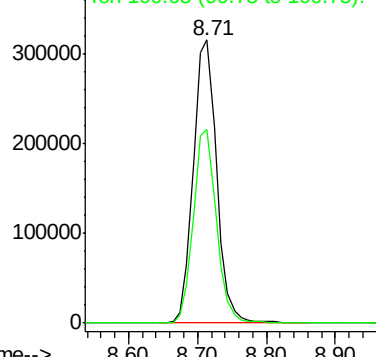
#50
Toluene-d8
Concen: 5.273 ug/l
RT: 8.71 min Scan# 862
Delta R.T. 0.01 min
Lab File: VD058147.D
Acq: 14 Jun 2018 20:38

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 98 Resp: 739478
Ion Ratio Lower Upper
98 100
100 68.3 53.4 80.0

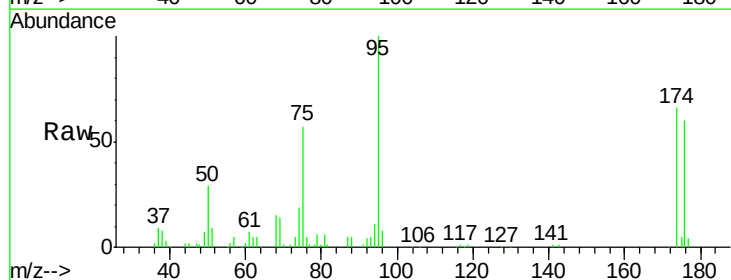


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

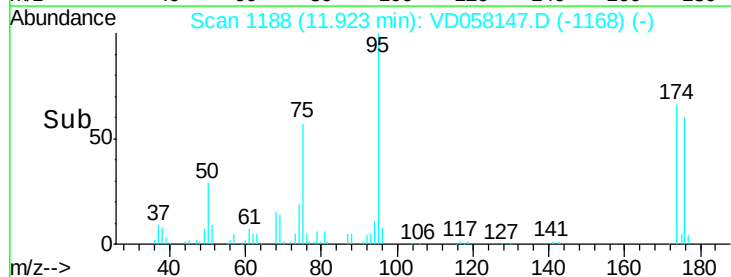
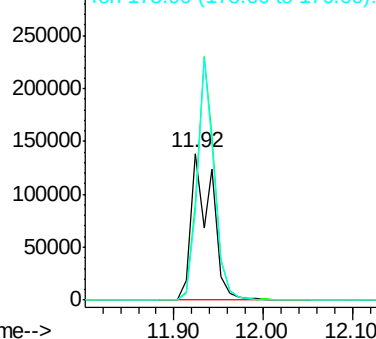


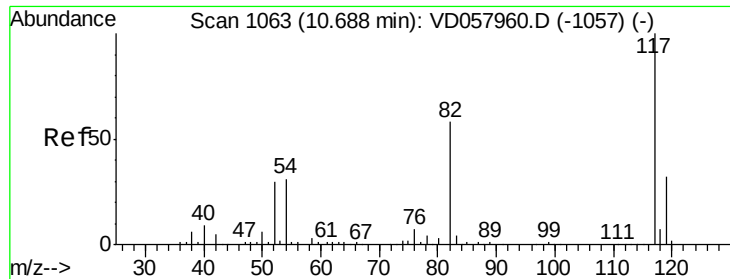
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1188
Delta R.T. -0.00 min
Lab File: VD058147.D
Acq: 14 Jun 2018 20:38

Tgt Ion: 95 Resp: 228222
Ion Ratio Lower Upper
95 100
174 65.6 0.0 169.4
176 60.1 0.0 162.6



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

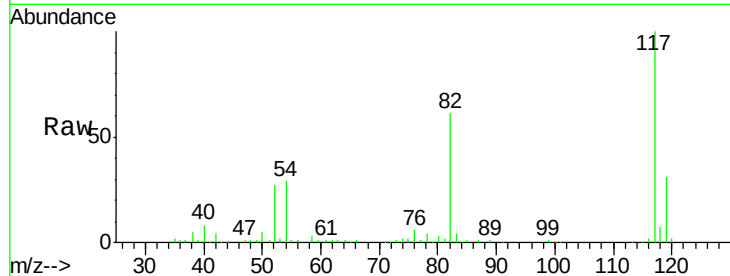




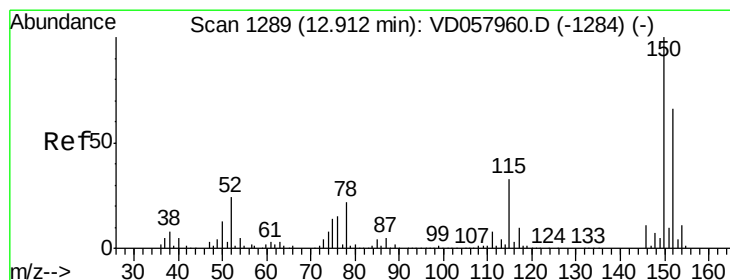
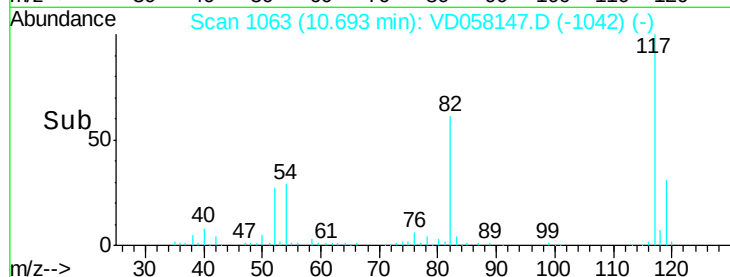
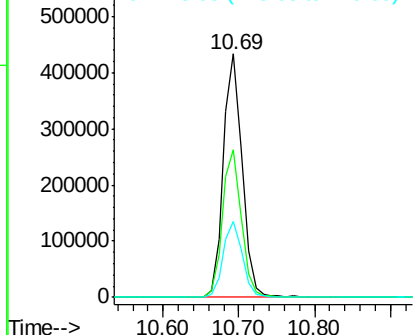
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. 0.01 min
Lab File: VD058147.D
Acq: 14 Jun 2018 20:38

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 750415
Ion Ratio Lower Upper
117 100
82 60.8 46.8 70.2
119 31.3 25.8 38.6

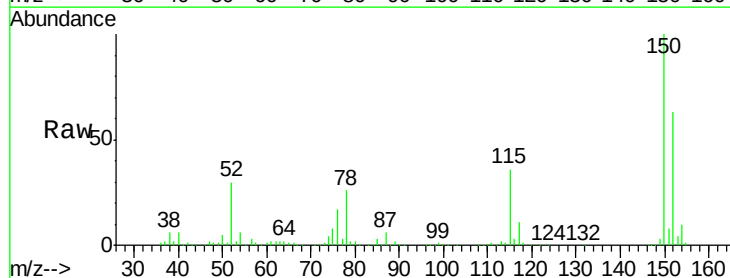


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

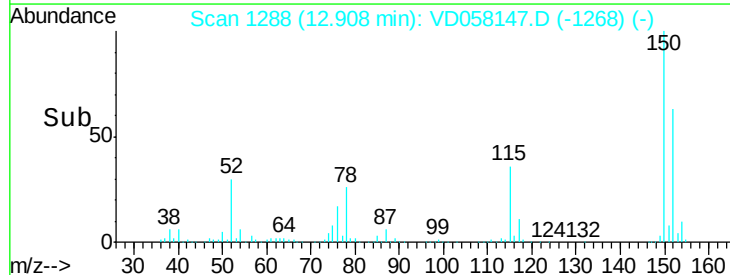
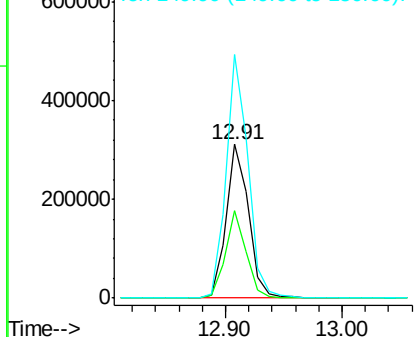


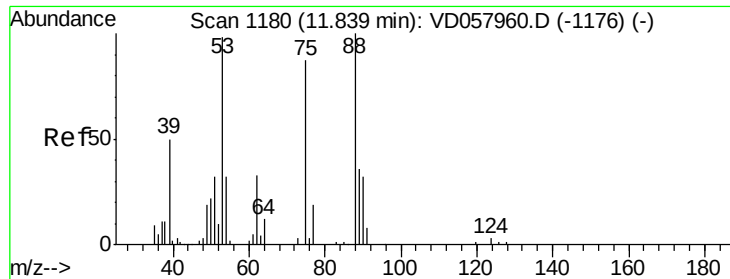
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VD058147.D
Acq: 14 Jun 2018 20:38

Tgt Ion:152 Resp: 414697
Ion Ratio Lower Upper
152 100
115 56.6 25.6 76.6
150 158.3 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: 79.264 ug/l

RT: 11.92 min Scan# 1188

Delta R.T. 0.08 min

Lab File: VD058147.D

Acq: 14 Jun 2018 20:38

Instrument :

MSVOA_D

ClientSampleId :

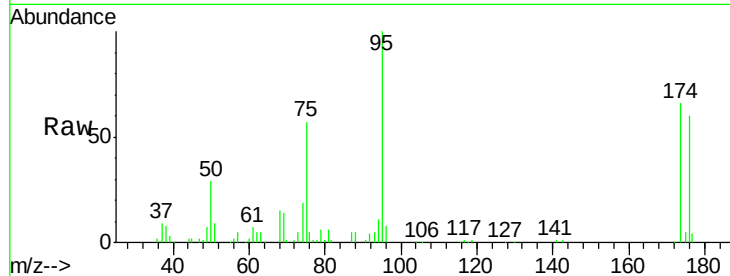
Tot Ion: 75 Resp: 122297

Ion Ratio Lower Upper

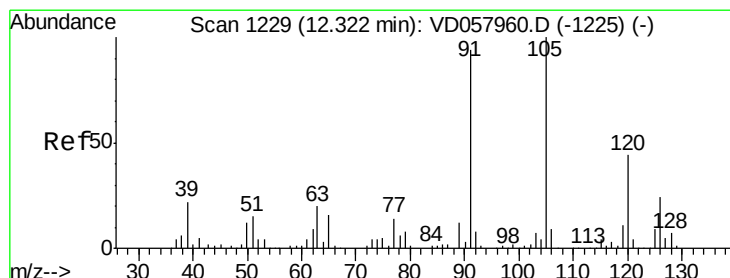
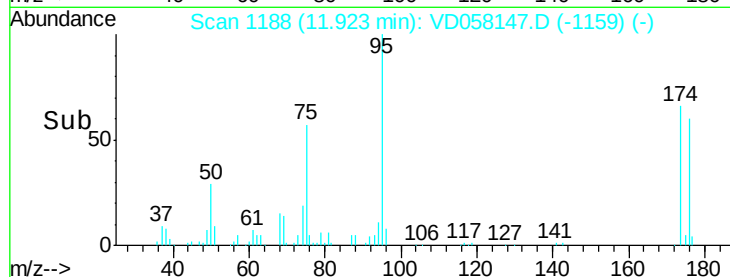
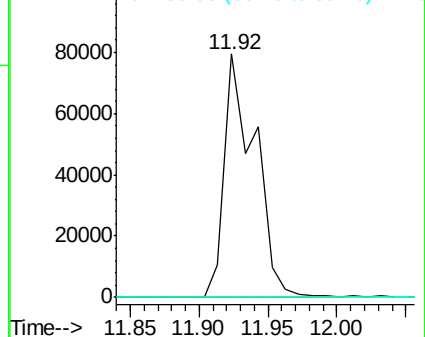
75 100

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: 12.33 min Scan# 1229

Delta R.T. 0.01 min

Lab File: VD058147.D

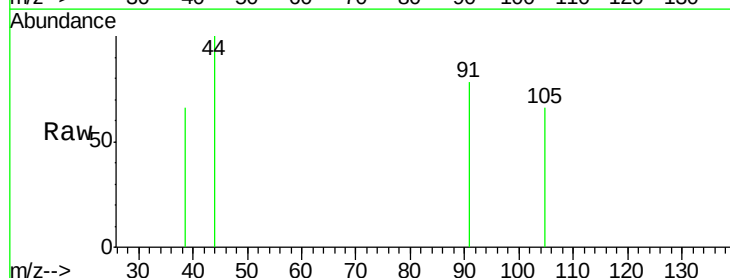
Acq: 14 Jun 2018 20:38

Tgt Ion: 91 Resp: 289

Ion Ratio Lower Upper

91 100

126 0.0 12.5 37.5#



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 125.95 (125.65 to 126.65): V

