

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061418\
 Data File : VD058136.D
 Acq On : 14 Jun 2018 15:27
 Operator : VA/AP
 Sample : J3420-05RE
 Misc : 4.66g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 15 06:04:17 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	1245627	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.70	114	1532296	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.70	117	1220229	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	587460	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	424444	34.08	ug/l	0.00
Spiked Amount						
			Recovery	=	68.16%	
35) Dibromofluoromethane	5.55	113	517630	43.66	ug/l	0.00
Spiked Amount						
			Recovery	=	87.32%	
50) Toluene-d8	8.71	98	1197691	42.49	ug/l	0.00
Spiked Amount						
			Recovery	=	84.98%	
62) 4-Bromofluorobenzene	11.94	95	467922	38.06	ug/l	0.00
Spiked Amount						
			Recovery	=	76.12%	

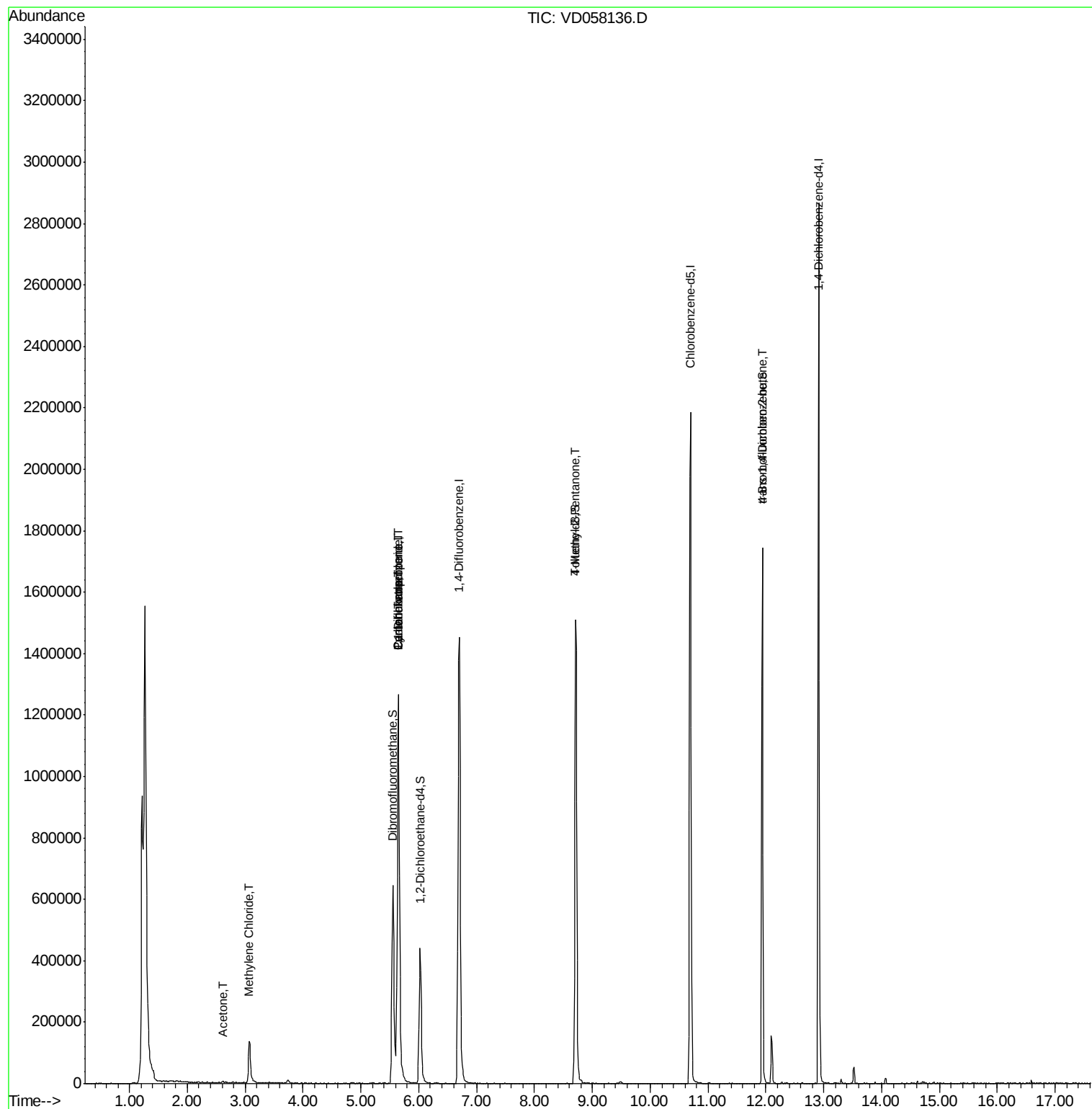
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.62	43	7745	4.317	ug/l	95
20) Methylene Chloride	3.08	84	65295	8.863	ug/l	97
31) Cyclohexane	5.65	56	28905	1.335	ug/l #	1
36) 1,1-Dichloropropene	5.65	75	103351	6.122	ug/l #	52
38) Carbon Tetrachloride	5.65	117	105320	6.330	ug/l #	15
51) 4-Methyl-2-Pentanone	8.72	43	8063	1.042	ug/l #	1
81) trans-1,4-Dichloro-2-buten	11.94	75	234502	107.290	ug/l #	6
82) 4-Chlorotoluene	12.33	91	407	Below Cal	#	50
89) n-Butylbenzene	13.20	91	948	Below Cal	#	30

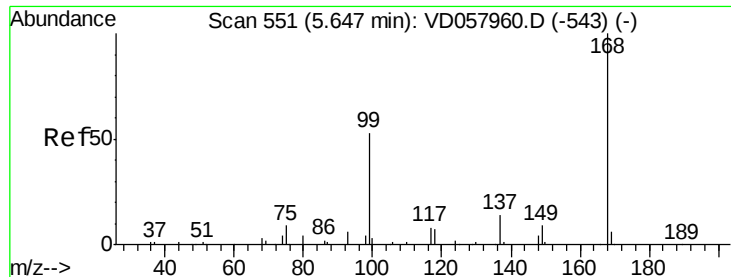
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061418\
Data File : VD058136.D
Acq On : 14 Jun 2018 15:27
Operator : VA/AP
Sample : J3420-05RE
Misc : 4.66µl/5ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jun 15 06:04:17 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: VD058136.D

Acq: 14 Jun 2018 15:27

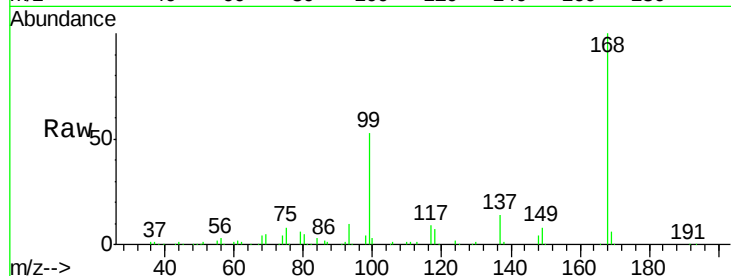
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 1245627

Ion Ratio Lower Upper

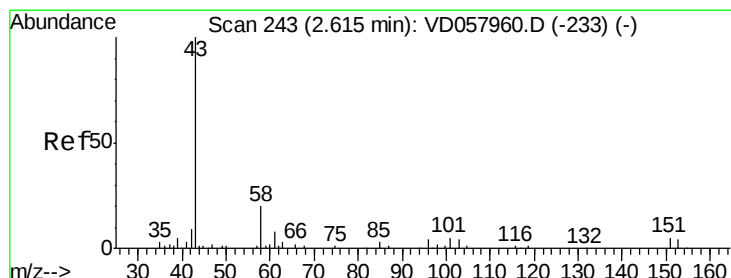
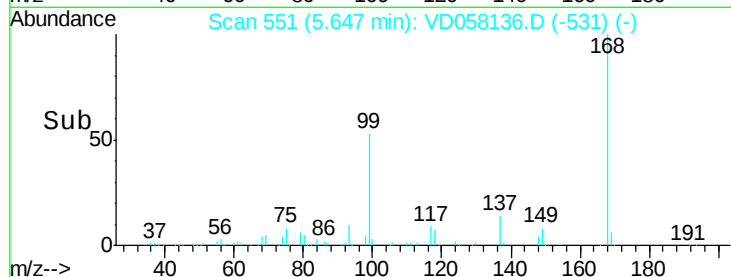
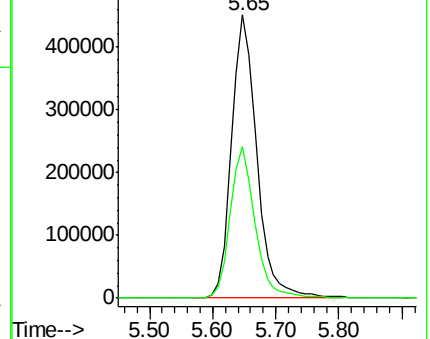
168 100

99 53.4 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: 4.317 ug/l

RT: 2.62 min Scan# 243

Delta R.T. -0.00 min

Lab File: VD058136.D

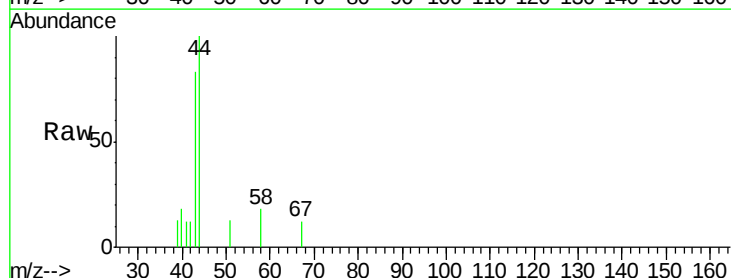
Acq: 14 Jun 2018 15:27

Tgt Ion: 43 Resp: 7745

Ion Ratio Lower Upper

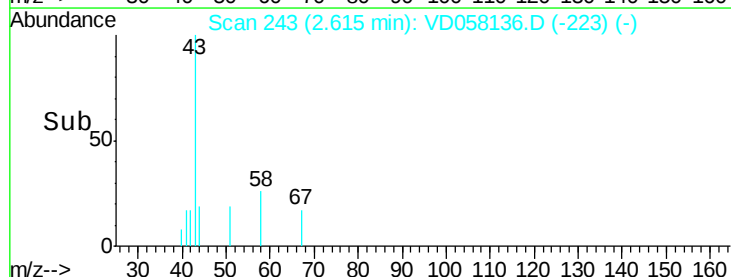
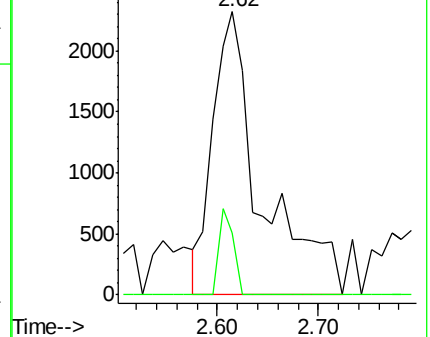
43 100

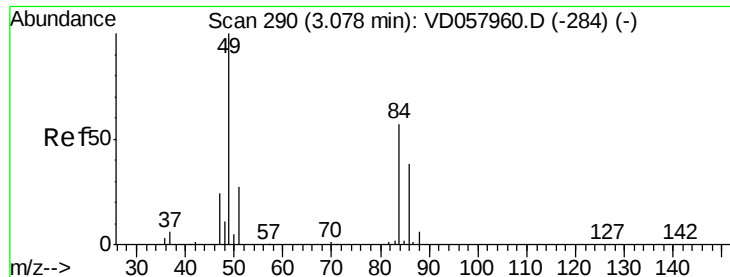
58 21.9 15.8 23.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

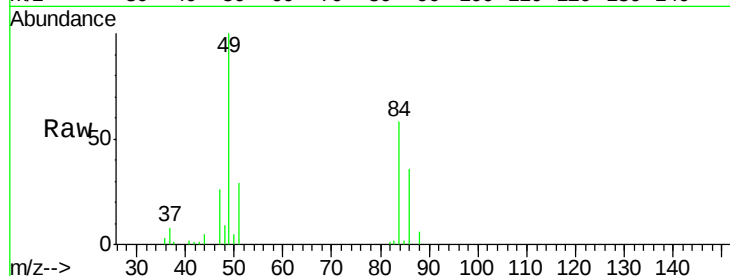




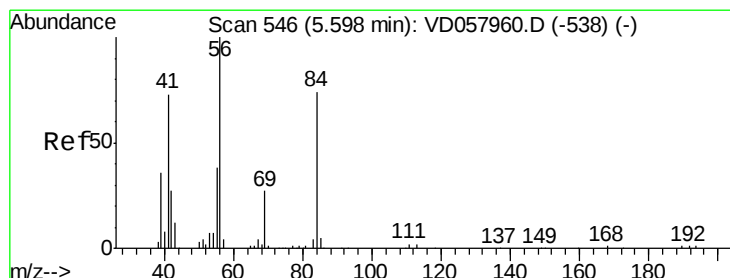
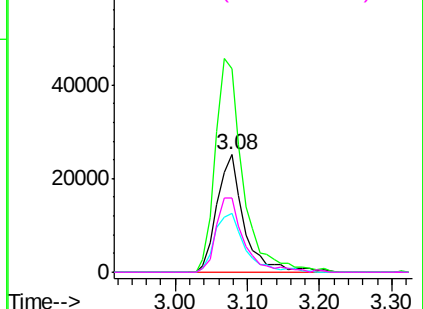
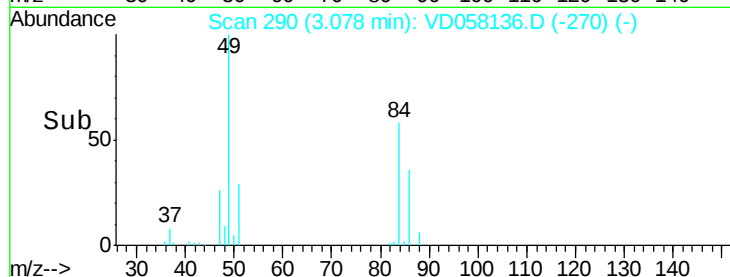
#20
Methvlene Chloride
Concen: 8.863 ug/l
RT: 3.08 min Scan# 290
Delta R.T. 0.00 min
Lab File: VD058136.D
Acq: 14 Jun 2018 15:27

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 65295
Ion Ratio Lower Upper
84 100
49 173.7 141.4 212.0
51 50.7 38.3 57.5
86 62.9 52.9 79.3

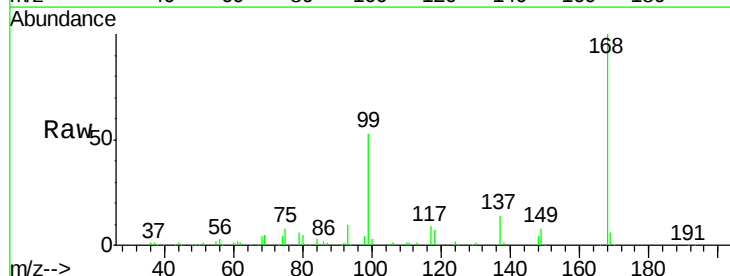


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

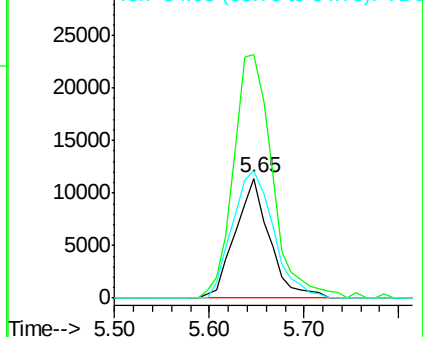
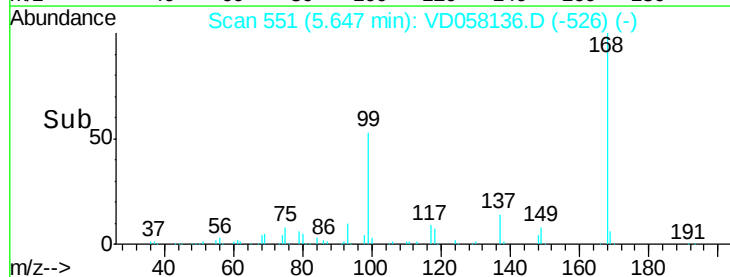


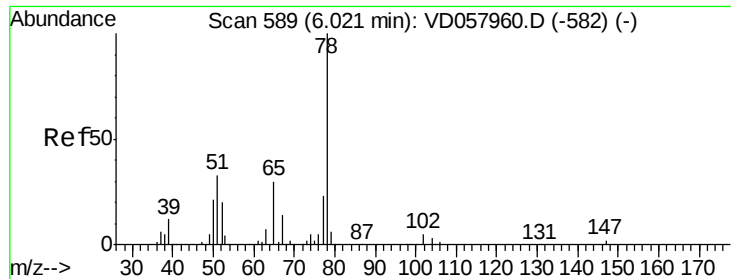
#31
Cyclohexane
Concen: 1.335 ug/l
RT: 5.65 min Scan# 551
Delta R.T. 0.05 min
Lab File: VD058136.D
Acq: 14 Jun 2018 15:27

Tgt Ion: 56 Resp: 28905
Ion Ratio Lower Upper
56 100
69 203.7 21.5 32.3#
84 106.6 61.0 91.6#



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

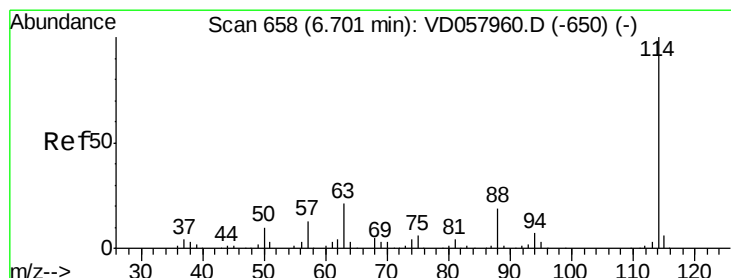
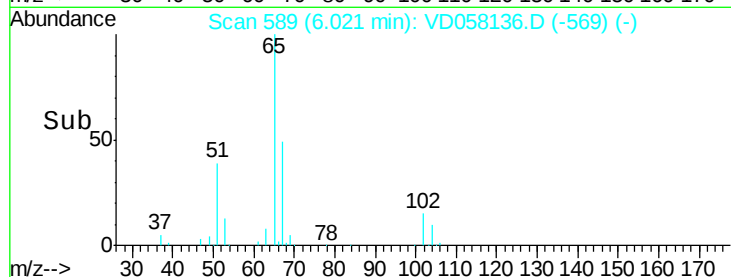
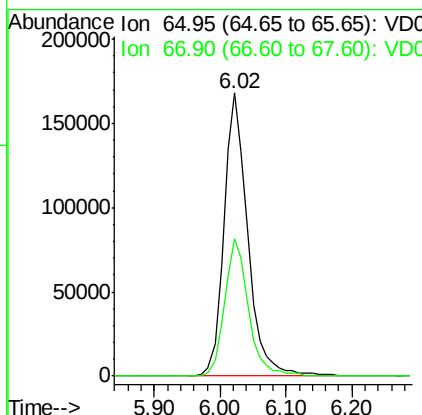
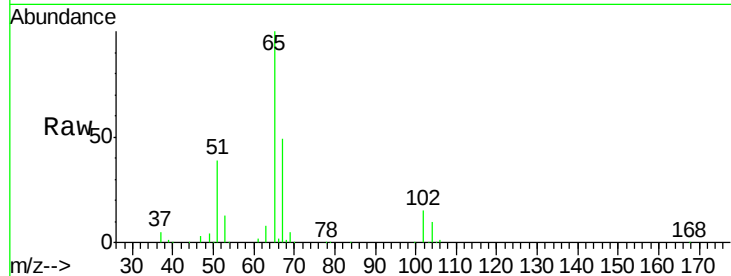




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.02 min Scan# 589
 Delta R.T. -0.00 min
 Lab File: VD058136.D
 Acq: 14 Jun 2018 15:27

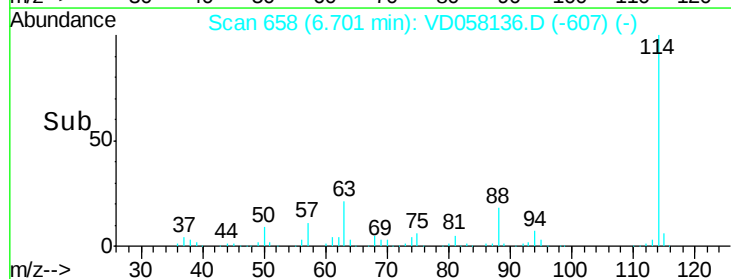
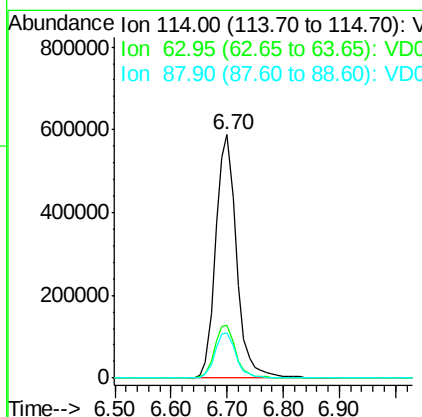
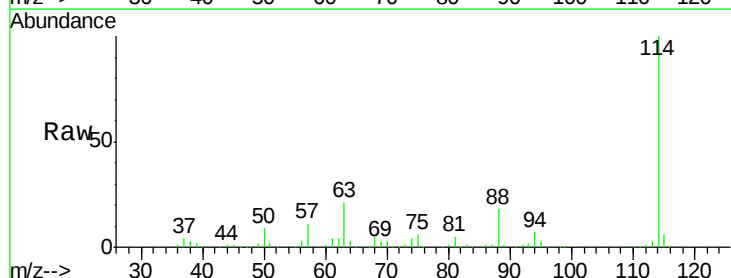
Instrument :
 MSVOA_D
 ClientSampleId :

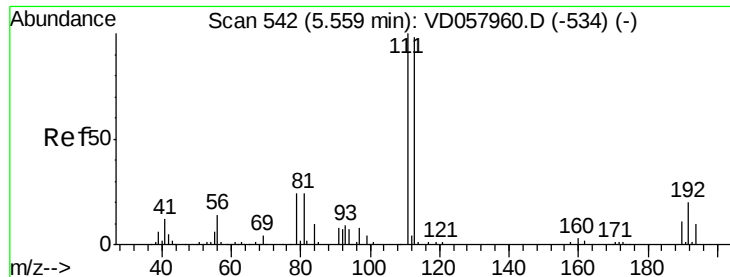
Tot Ion: 65 Resp: 424444
 Ion Ratio Lower Upper
 65 100
 67 48.6 0.0 94.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.70 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: VD058136.D
 Acq: 14 Jun 2018 15:27

Tgt Ion: 114 Resp: 1532296
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 42.8
 88 18.4 0.0 37.8

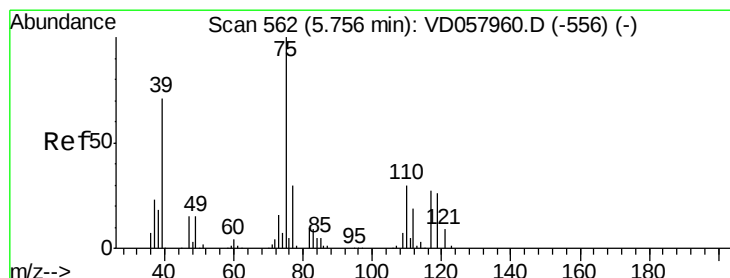
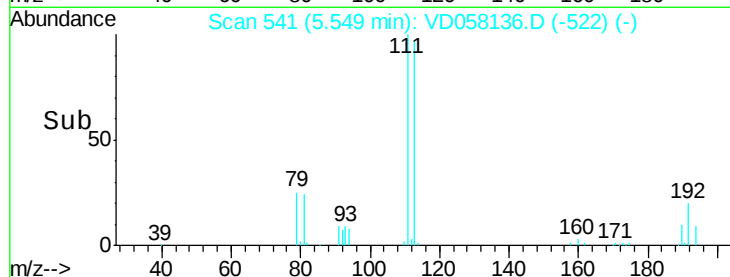
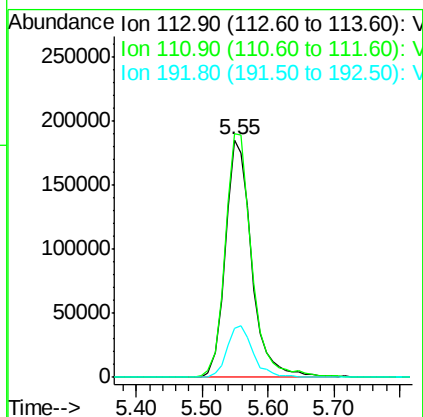
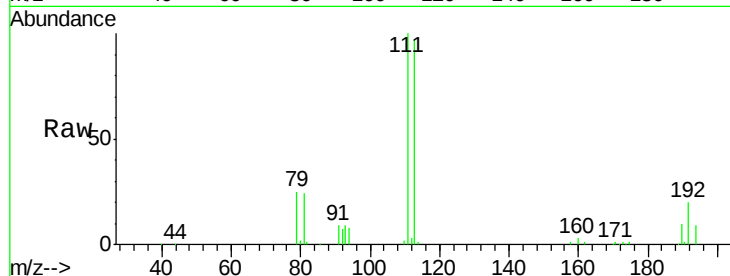




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.55 min Scan# 541
 Delta R.T. -0.01 min
 Lab File: VD058136.D
 Acq: 14 Jun 2018 15:27

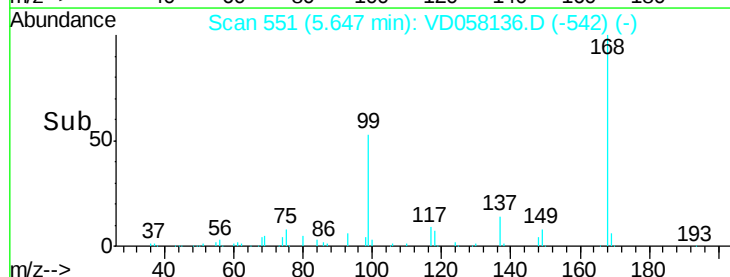
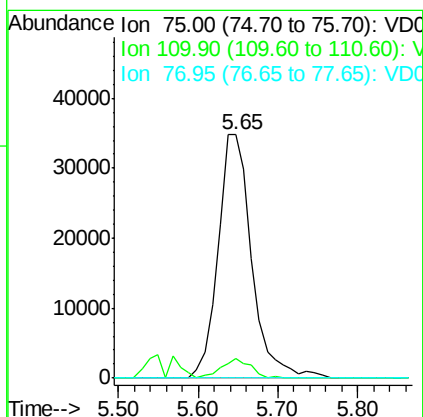
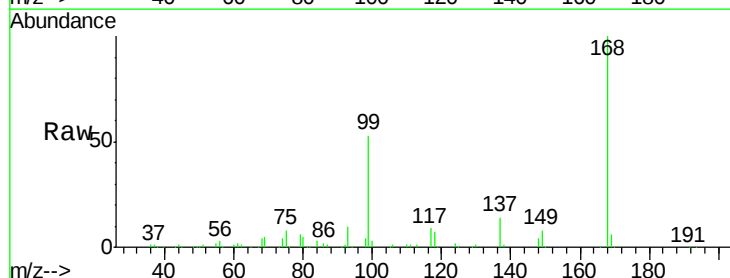
Instrument :
 MSVOA_D
 ClientSampleId :

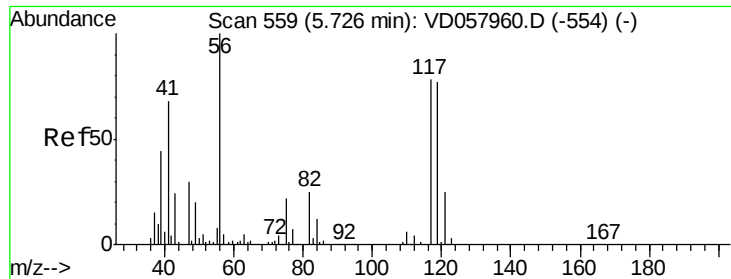
Tot Ion:113 Resp: 517630
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.5 122.3
 192 20.6 16.4 24.6



#36
 1,1-Dichloropropene
 Concen: 6.122 ug/l
 RT: 5.65 min Scan# 551
 Delta R.T. -0.11 min
 Lab File: VD058136.D
 Acq: 14 Jun 2018 15:27

Tgt Ion: 75 Resp: 103351
 Ion Ratio Lower Upper
 75 100
 110 8.0 14.8 44.3#
 77 0.0 23.9 35.9#

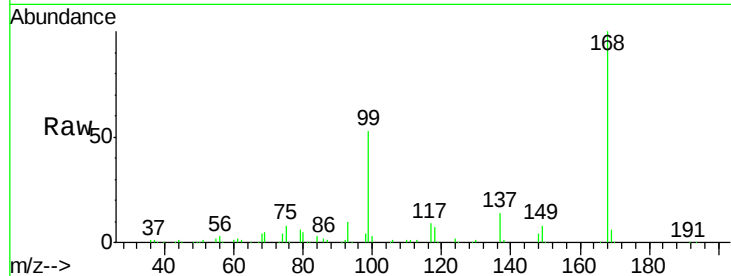




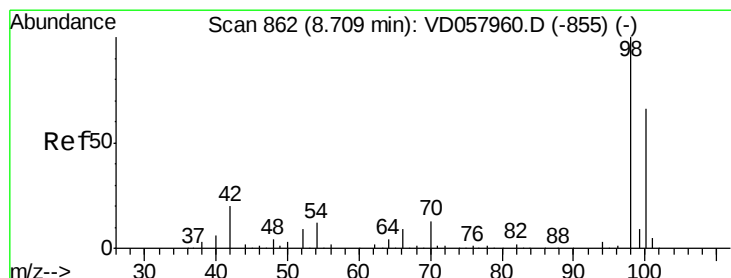
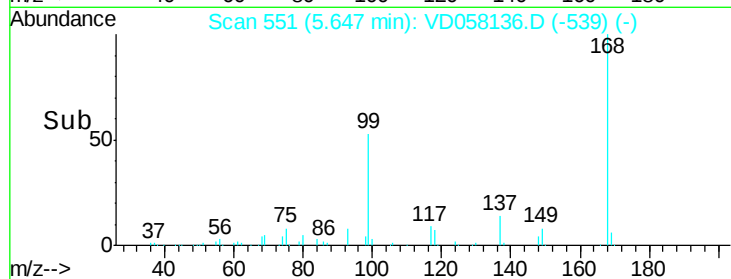
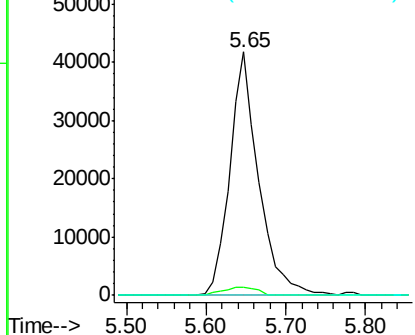
#38
Carbon Tetrachloride
Concen: 6.330 ug/l
RT: 5.65 min Scan# 551
Delta R.T. -0.08 min
Lab File: VD058136.D
Acq: 14 Jun 2018 15:27

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 105320
Ion Ratio Lower Upper
117 100
119 3.4 76.1 114.1#
121 0.0 24.9 37.3#

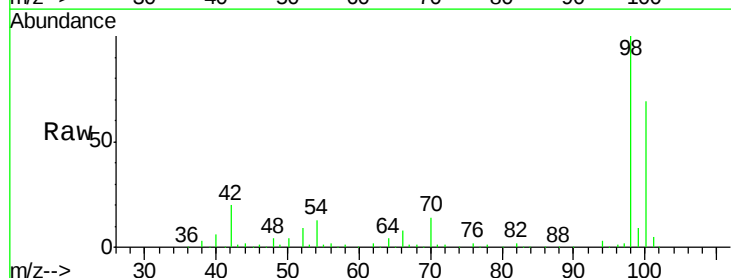


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

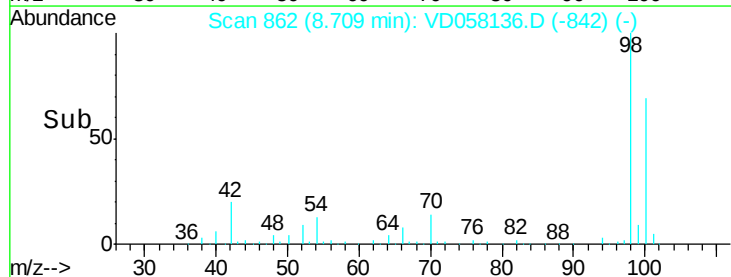
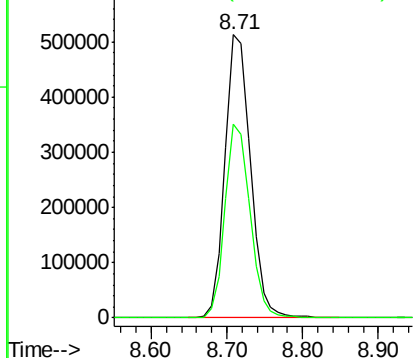


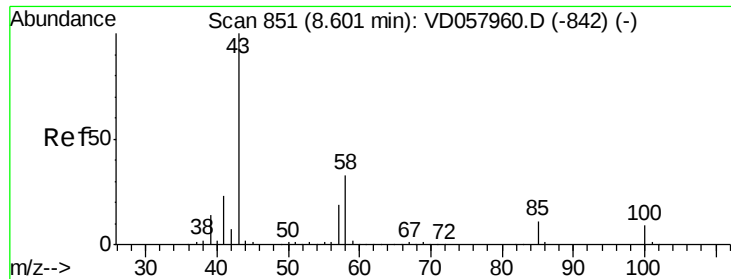
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.71 min Scan# 862
Delta R.T. -0.00 min
Lab File: VD058136.D
Acq: 14 Jun 2018 15:27

Tgt Ion: 98 Resp: 1197691
Ion Ratio Lower Upper
98 100
100 68.6 53.4 80.0



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





#51

4-Methyl-2-Pentanone

Concen: 1.042 ug/l

RT: 8.72 min Scan# 863

Delta R.T. 0.12 min

Lab File: VD058136.D

Acq: 14 Jun 2018 15:27

Instrument :

MSVOA_D

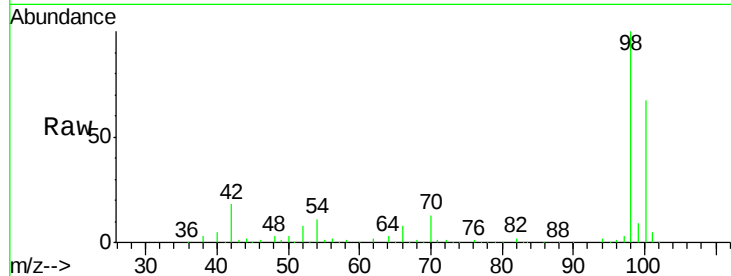
ClientSampleId :

Tot Ion: 43 Resp: 8063

Ion Ratio Lower Upper

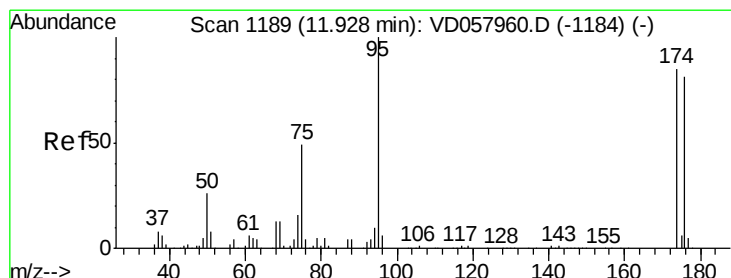
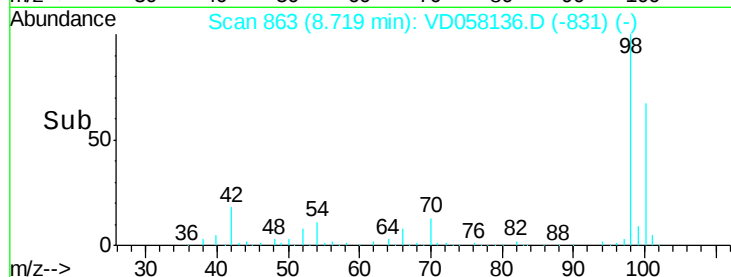
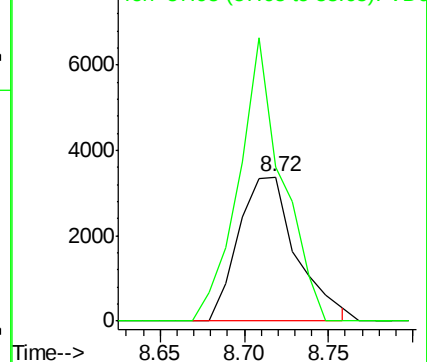
43 100

58 106.8 26.2 39.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.94 min Scan# 1190

Delta R.T. 0.01 min

Lab File: VD058136.D

Acq: 14 Jun 2018 15:27

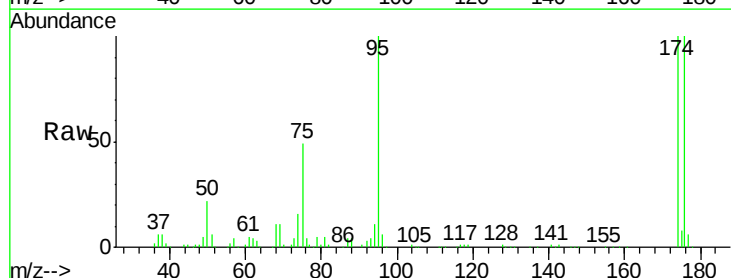
Tgt Ion: 95 Resp: 467922

Ion Ratio Lower Upper

95 100

174 100.5 0.0 169.4

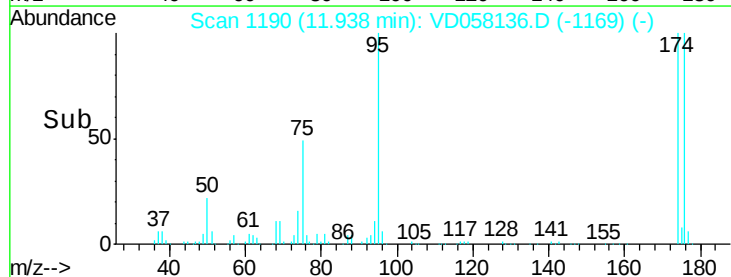
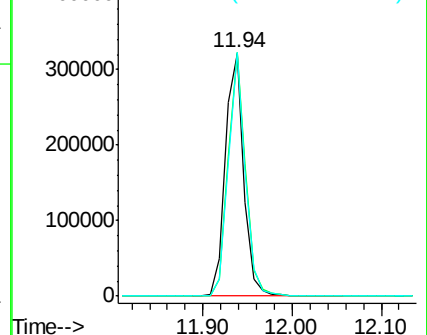
176 100.4 0.0 162.6

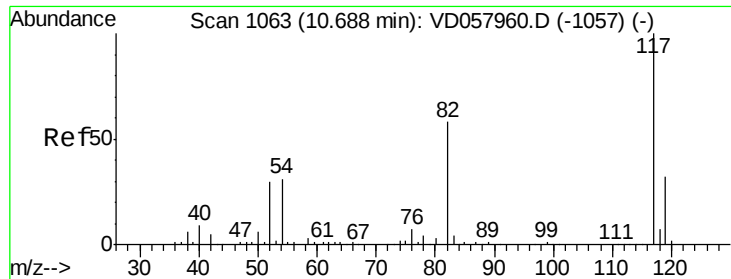


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

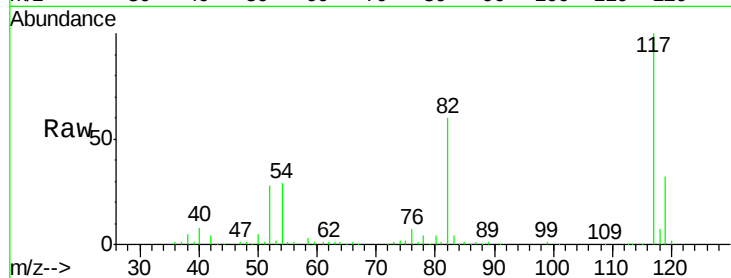




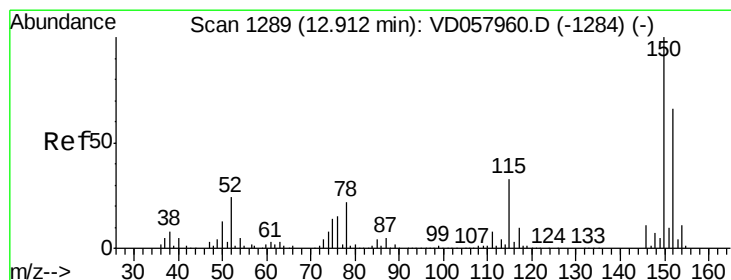
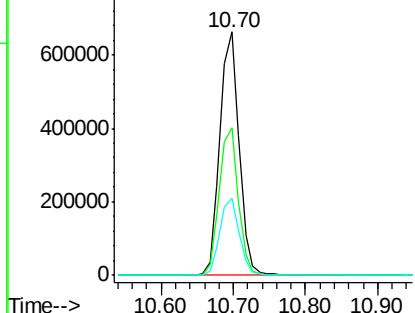
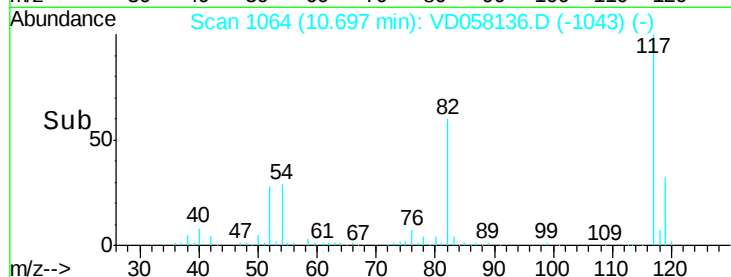
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.70 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VD058136.D
Acq: 14 Jun 2018 15:27

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 1220229
Ion Ratio Lower Upper
117 100
82 60.4 46.8 70.2
119 31.9 25.8 38.6

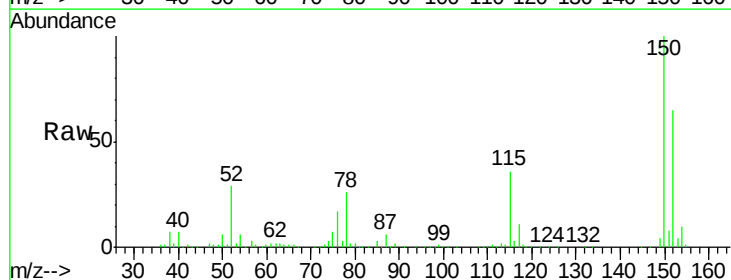


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

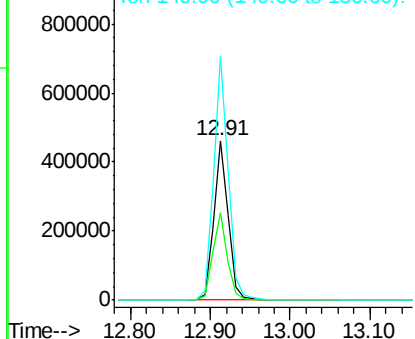
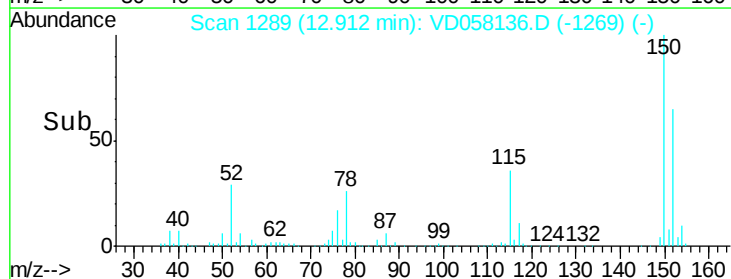


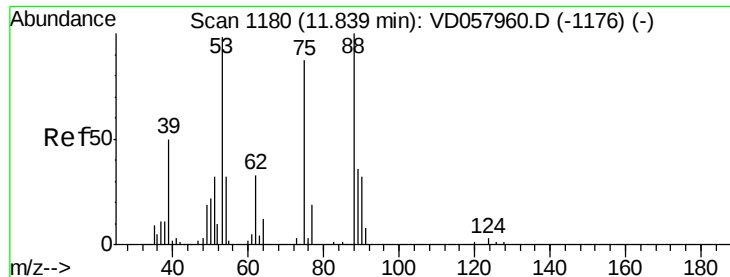
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.91 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VD058136.D
Acq: 14 Jun 2018 15:27

Tgt Ion:152 Resp: 587460
Ion Ratio Lower Upper
152 100
115 54.6 25.6 76.6
150 152.7 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: 107.290 ug/l

RT: 11.94 min Scan# 1190

Delta R.T. 0.10 min

Lab File: VD058136.D

Acq: 14 Jun 2018 15:27

Instrument :

MSVOA_D

ClientSampleId :

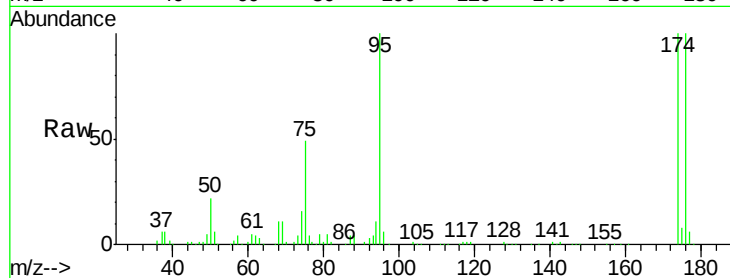
Tot Ion: 75 Resp: 234502

Ion Ratio Lower Upper

75 100

53 0.0 89.3 133.9#

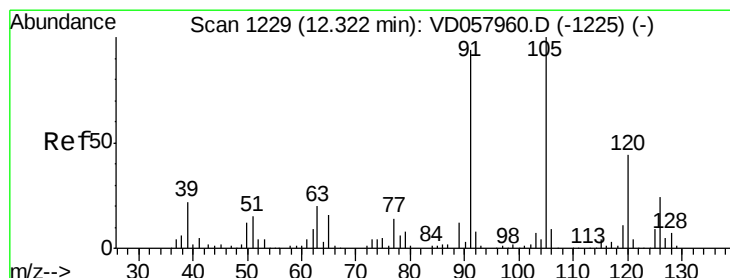
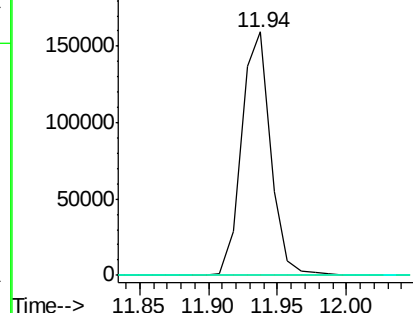
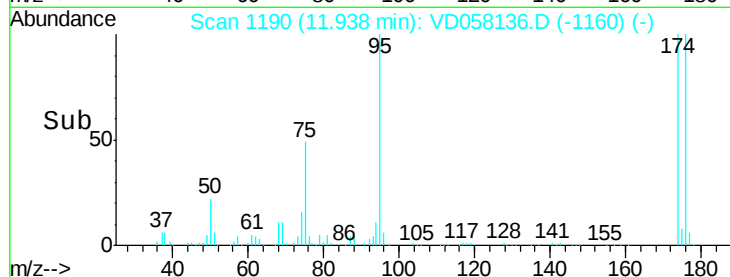
89 0.0 33.3 49.9#



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# 1230

Delta R.T. 0.01 min

Lab File: VD058136.D

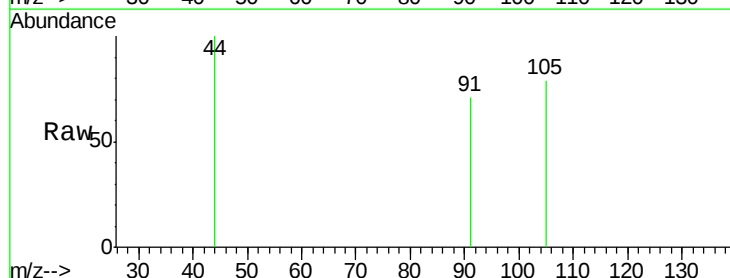
Acq: 14 Jun 2018 15:27

Tgt Ion: 91 Resp: 407

Ion Ratio Lower Upper

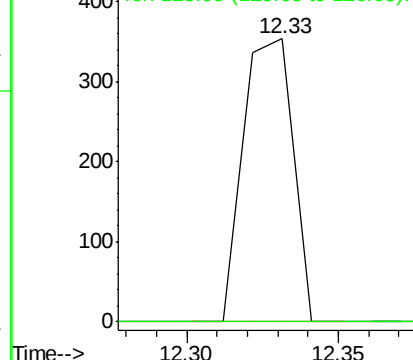
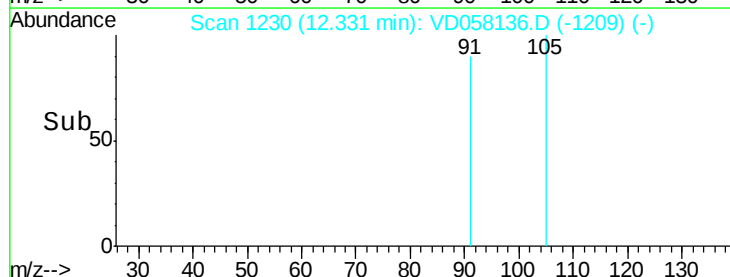
91 100

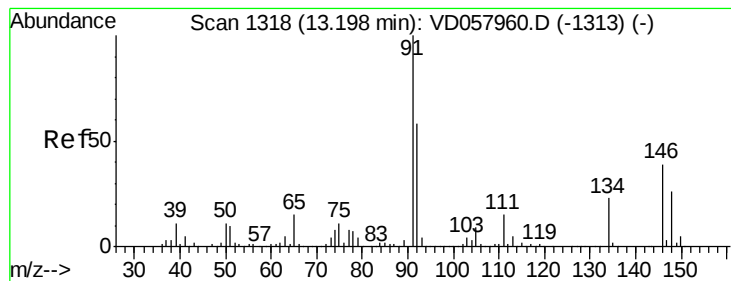
126 0.0 12.5 37.5#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): V





#89
 n-Butylbenzene
 Concen: Below Cal
 RT: 13.20 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: VD058136.D
 Acq: 14 Jun 2018 15:27

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 91 Resp: 948
 Ion Ratio Lower Upper
 91 100
 92 0.0 29.2 87.6#
 134 0.0 11.3 33.9#

