

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040119\
 Data File : VD061477.D
 Acq On : 1 Apr 2019 19:14
 Operator : VA/AP
 Sample : K2171-01
 Misc : 6.38g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 02 01:19:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

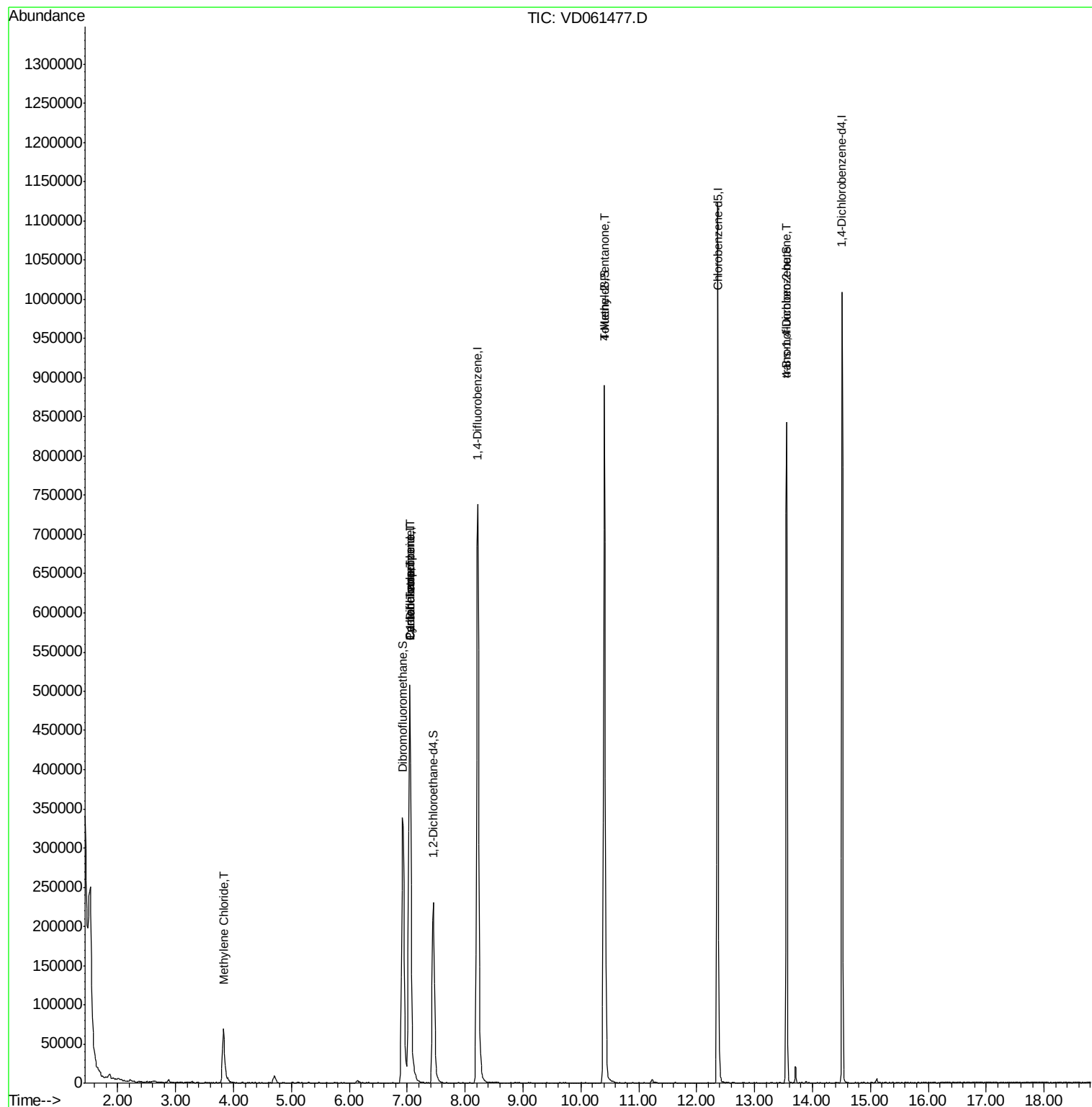
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	538656	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	922359	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.36	117	708478	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	243951	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	240231	52.21	ug/l	0.02
Spiked Amount 50.000			Recovery	=	104.42%	
35) Dibromofluoromethane	6.92	113	344797	48.92	ug/l	0.02
Spiked Amount 50.000			Recovery	=	97.84%	
50) Toluene-d8	10.40	98	772469	45.69	ug/l	0.02
Spiked Amount 50.000			Recovery	=	91.38%	
62) 4-Bromofluorobenzene	13.55	95	280421	43.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.52%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	3.83	84	57000	6.949	ug/l	99
31) Cyclohexane	7.04	56	9470	1.195	ug/l #	1
36) 1,1-Dichloropropene	7.04	75	39943	4.962	ug/l #	45
38) Carbon Tetrachloride	7.05	117	51794	5.599	ug/l #	13
51) 4-Methyl-2-Pentanone	10.40	43	3243	1.064	ug/l #	1
81) trans-1,4-Dichloro-2-buten	13.55	75	105057	97.777	ug/l #	18

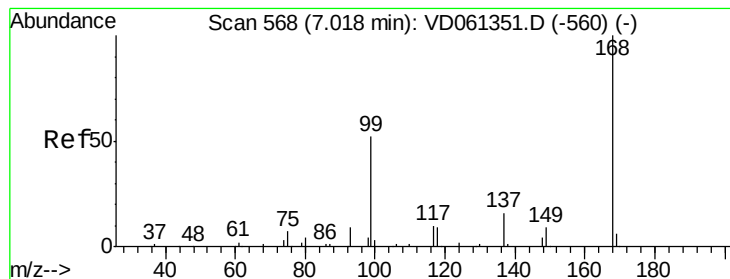
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040119\
Data File : VD061477.D
Acq On : 1 Apr 2019 19:14
Operator : VA/AP
Sample : K2171-01
Misc : 6.38g/5ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 02 01:19:58 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.03 min

Lab File: VD061477.D

Acq: 1 Apr 2019 19:14

Instrument :

MSVOA_D

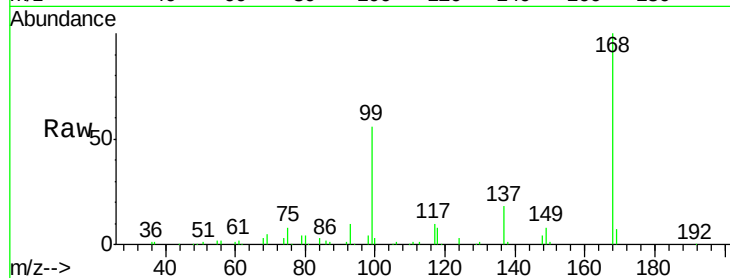
ClientSampleId :

Tot Ion:168 Resp: 538656

Ion Ratio Lower Upper

168 100

99 55.5 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

200000

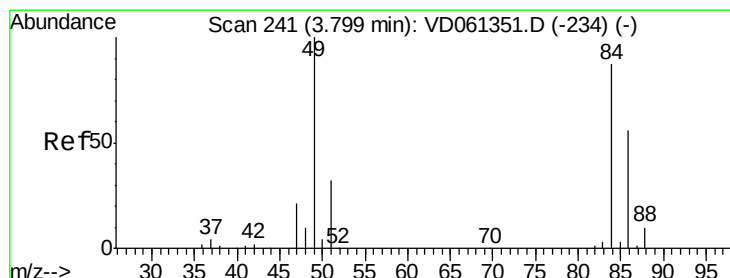
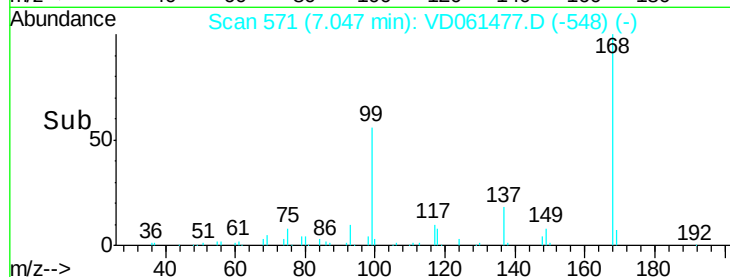
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#20

Methylene Chloride

Concen: 6.949 ug/l

RT: 3.83 min Scan# 244

Delta R.T. 0.03 min

Lab File: VD061477.D

Acq: 1 Apr 2019 19:14

Tgt Ion: 84 Resp: 57000

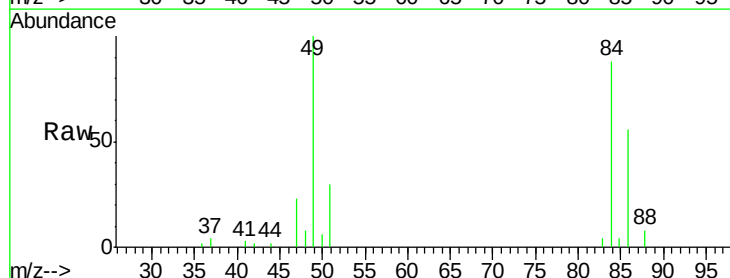
Ion Ratio Lower Upper

84 100

49 114.3 91.8 137.8

51 33.8 29.8 44.8

86 64.1 51.8 77.6



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

30000

25000

20000

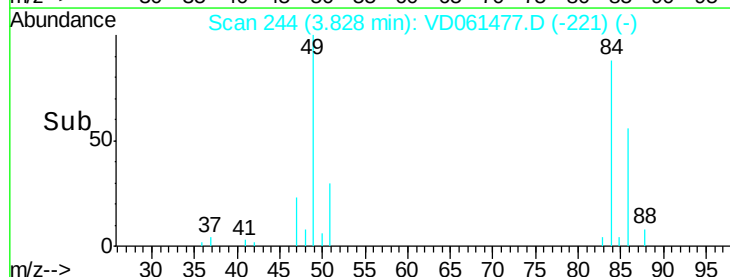
15000

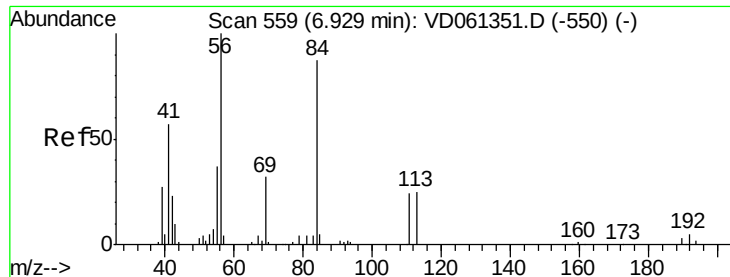
10000

5000

0

Time--> 3.70 3.80 3.90 4.00

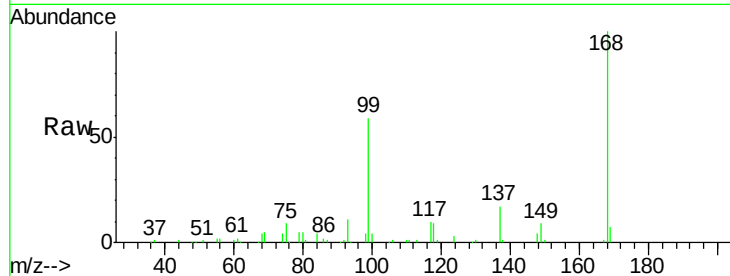




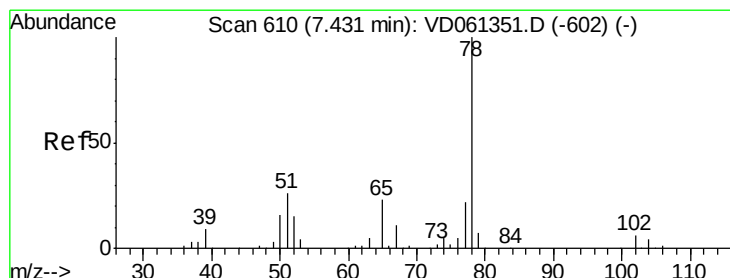
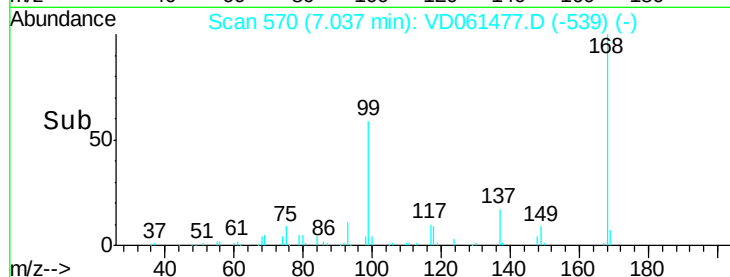
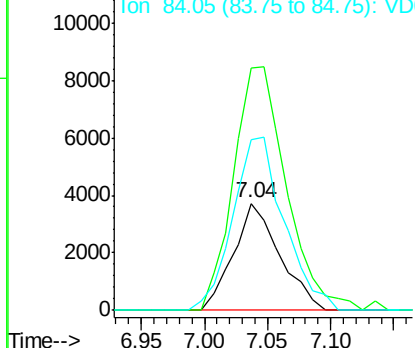
#31
Cyclohexane
Concen: 1.195 ug/l
RT: 7.04 min Scan# 570
Delta R.T. 0.11 min
Lab File: VD061477.D
Acq: 1 Apr 2019 19:14

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 56 Resp: 9470
Ion Ratio Lower Upper
56 100
69 227.8 25.7 38.5#
84 160.6 70.6 105.8#

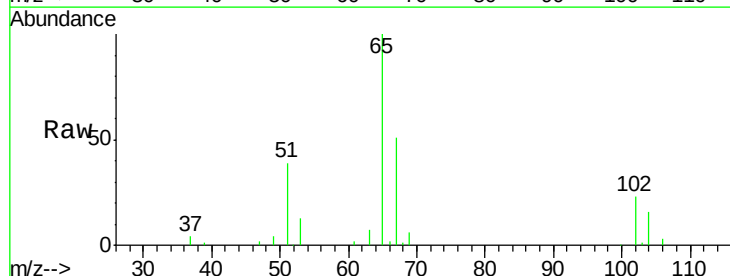


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

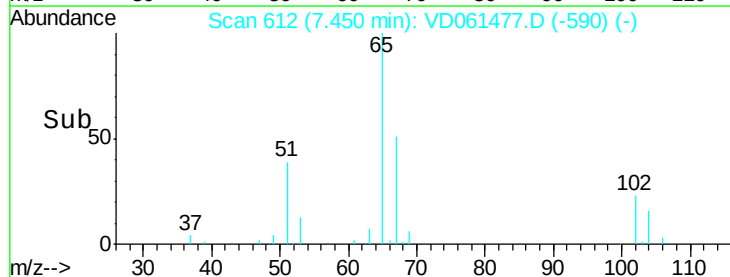
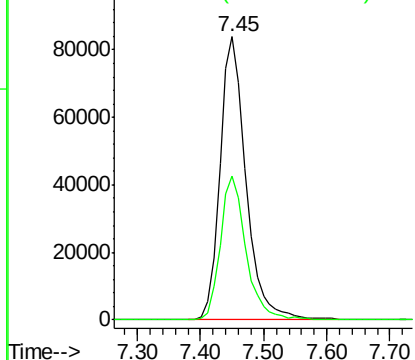


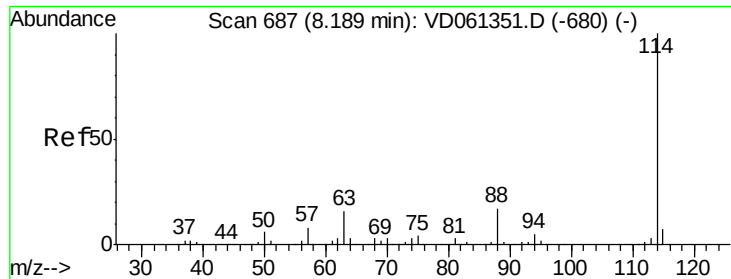
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.02 min
Lab File: VD061477.D
Acq: 1 Apr 2019 19:14

Tgt Ion: 65 Resp: 240231
Ion Ratio Lower Upper
65 100
67 50.7 0.0 99.8



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

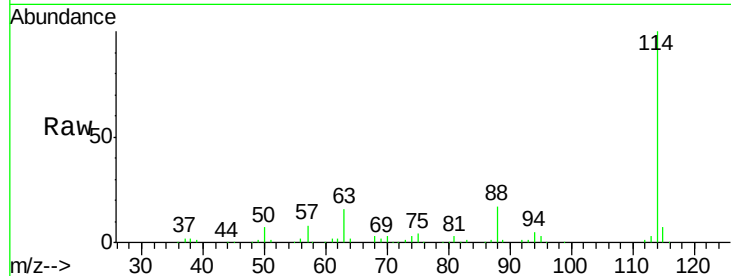




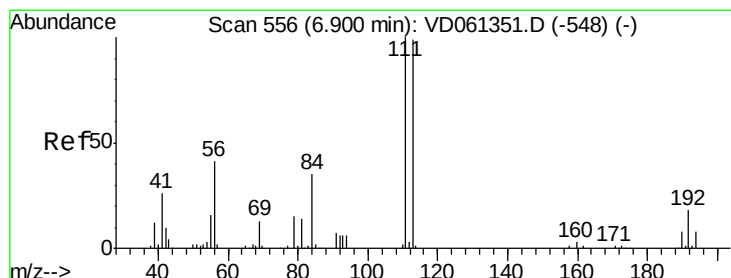
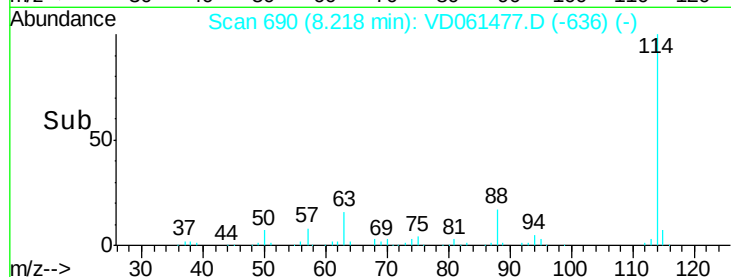
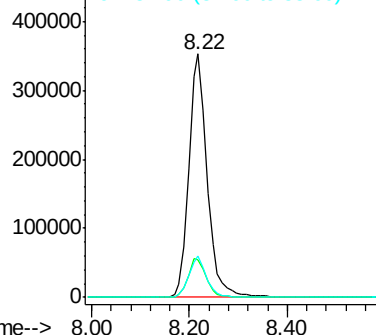
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.03 min
 Lab File: VD061477.D
 Acq: 1 Apr 2019 19:14

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 922359
 Ion Ratio Lower Upper
 114 100
 63 15.6 0.0 31.6
 88 17.1 0.0 33.4

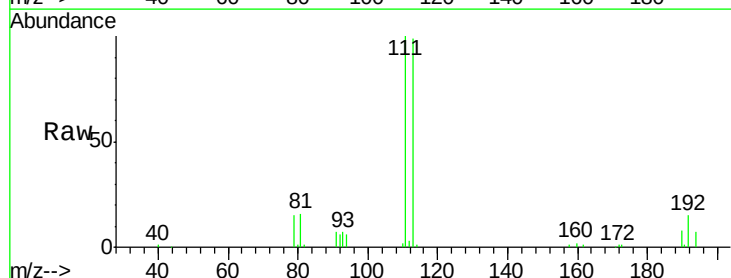


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

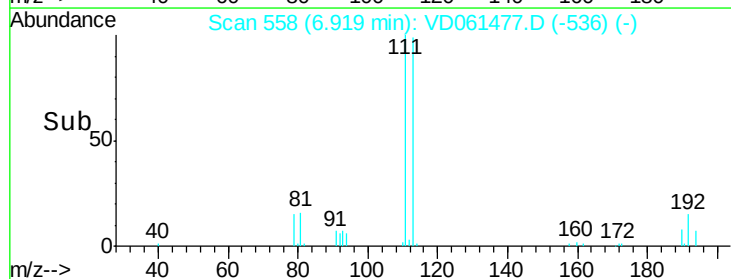
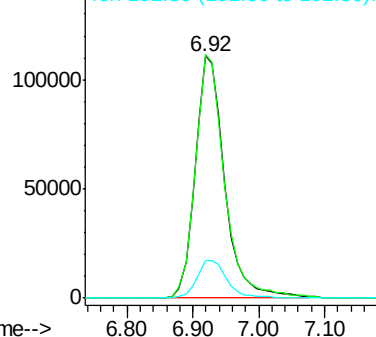


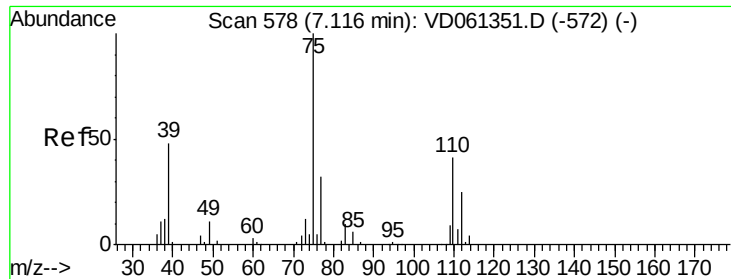
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.02 min
 Lab File: VD061477.D
 Acq: 1 Apr 2019 19:14

Tgt Ion:113 Resp: 344797
 Ion Ratio Lower Upper
 113 100
 111 100.7 81.0 121.6
 192 15.5 14.4 21.6



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

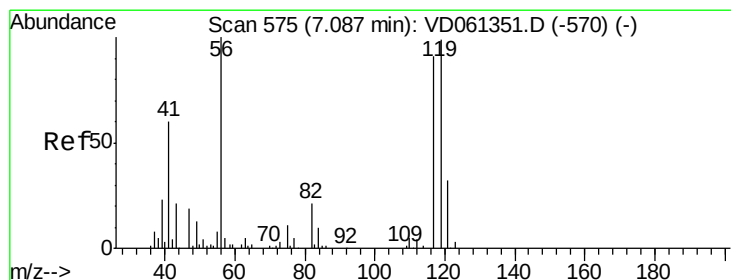
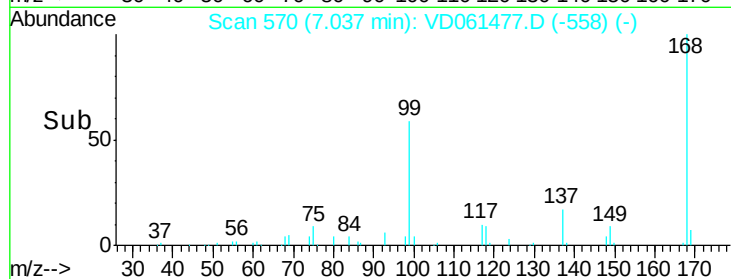
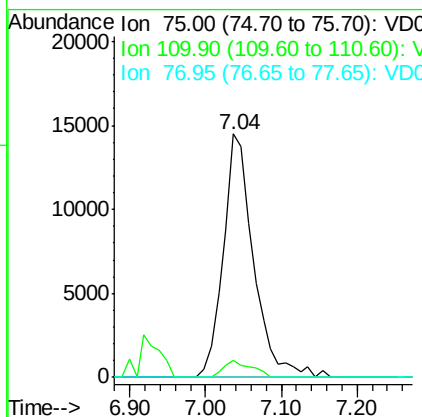
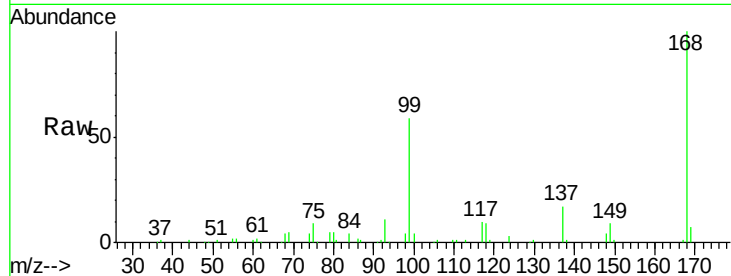




#36
 1,1-Dichloropropene
 Concen: 4.962 ug/l
 RT: 7.04 min Scan# 570
 Delta R.T. -0.08 min
 Lab File: VD061477.D
 Acq: 1 Apr 2019 19:14

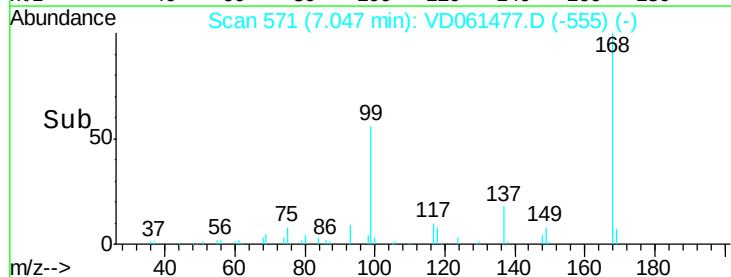
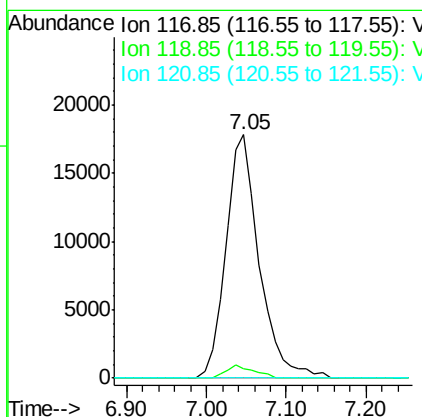
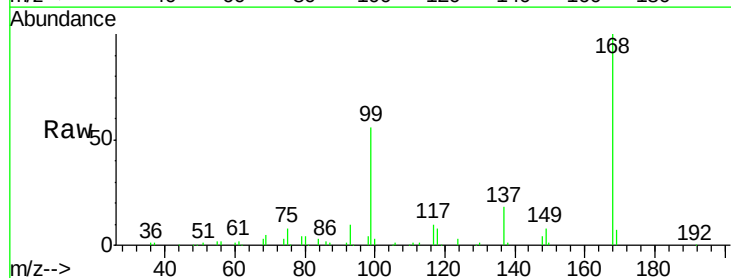
Instrument :
 MSVOA_D
 ClientSampleId :

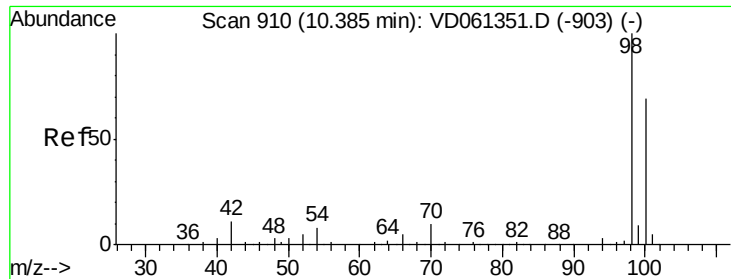
Tot Ion	75	Resp	39943
Ion Ratio	Lower	Upper	
75	100		
110	6.8	20.4	61.3#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 5.599 ug/l
 RT: 7.05 min Scan# 571
 Delta R.T. -0.04 min
 Lab File: VD061477.D
 Acq: 1 Apr 2019 19:14

Tgt Ion	117	Resp	51794
Ion Ratio	Lower	Upper	
117	100		
119	3.9	80.1	120.1#
121	0.0	25.6	38.4#

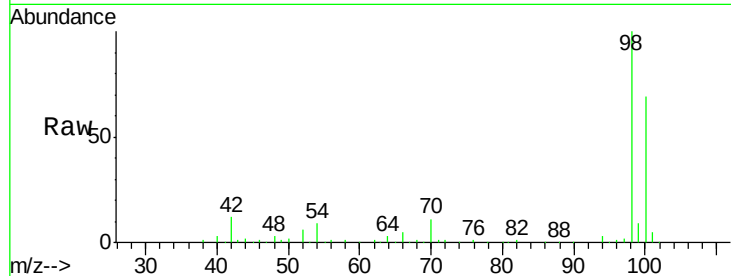




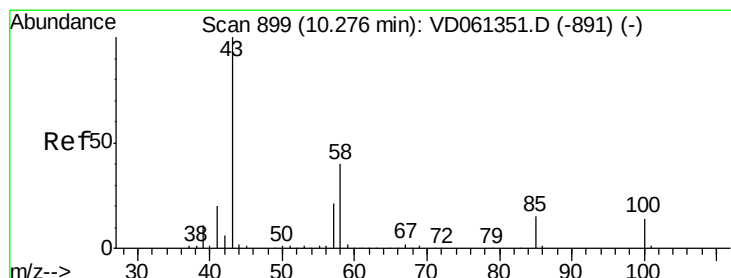
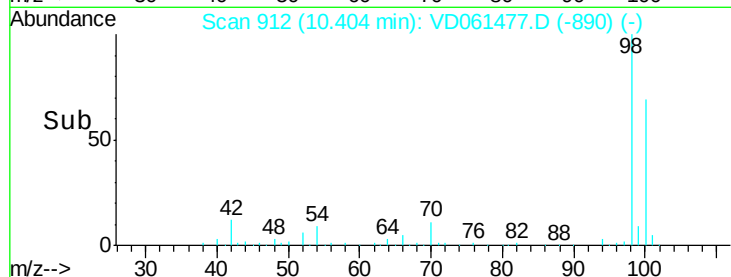
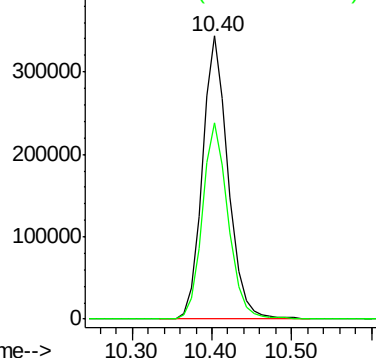
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.02 min
Lab File: VD061477.D
Acq: 1 Apr 2019 19:14

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 98 Resp: 772469
Ion Ratio Lower Upper
98 100
100 69.4 56.2 84.2

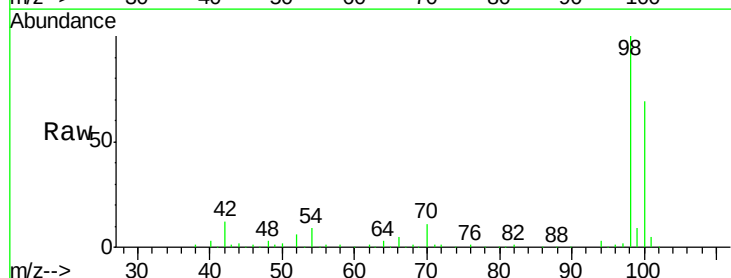


Abundance Ion 98.05 (97.75 to 98.75): VD061351.D (-903) (-)
Ion 100.05 (99.75 to 100.75): VD061351.D (-903) (-)

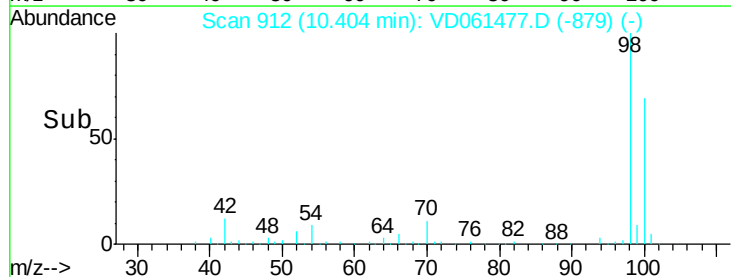
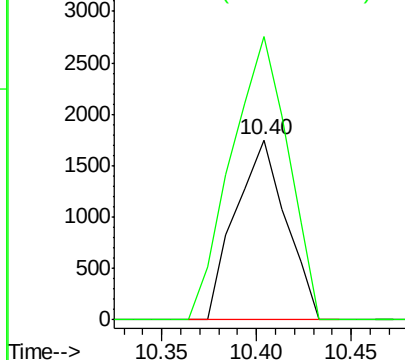


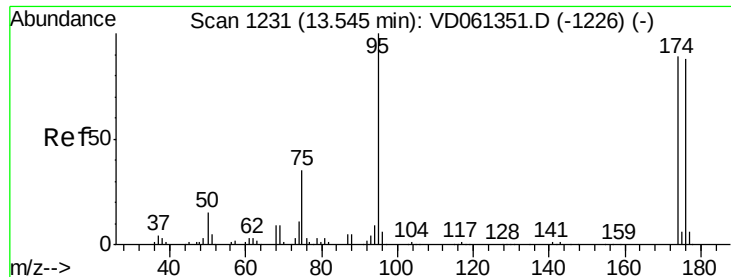
#51
4-Methyl-2-Pentanone
Concen: 1.064 ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.13 min
Lab File: VD061477.D
Acq: 1 Apr 2019 19:14

Tgt Ion: 43 Resp: 3243
Ion Ratio Lower Upper
43 100
58 157.4 31.8 47.8#



Abundance Ion 42.95 (42.65 to 43.65): VD061351.D (-891) (-)
Ion 57.95 (57.65 to 58.65): VD061351.D (-891) (-)

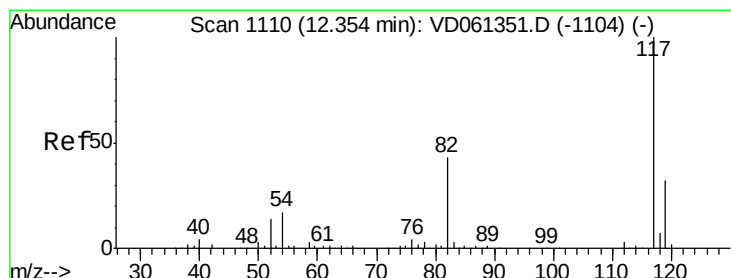
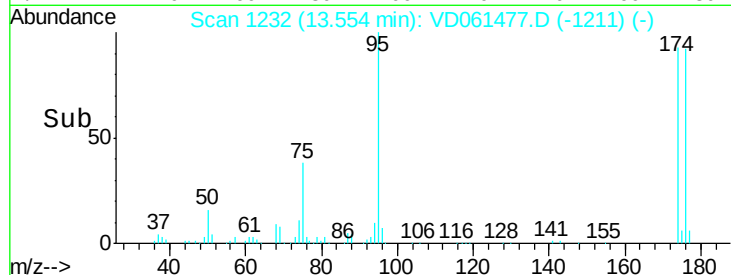
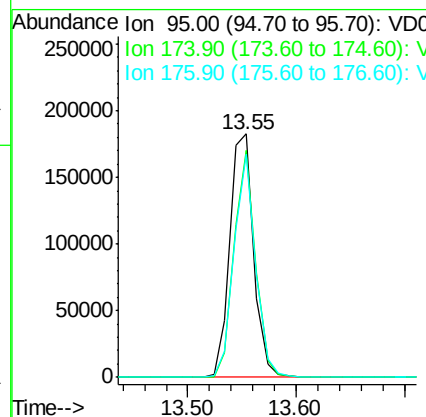
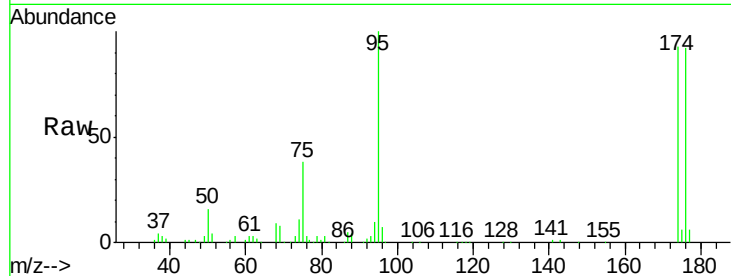




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD061477.D
Acq: 1 Apr 2019 19:14

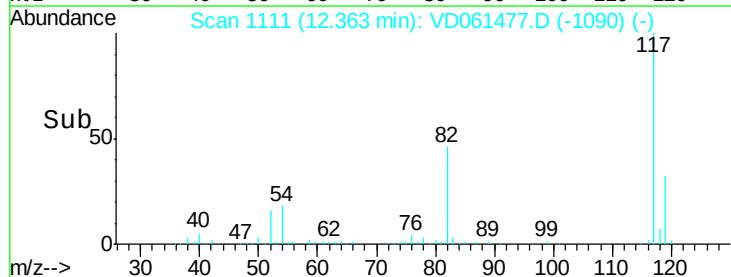
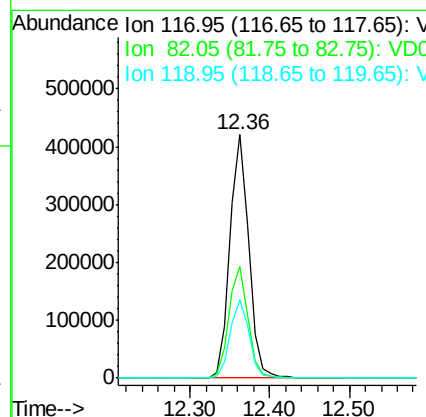
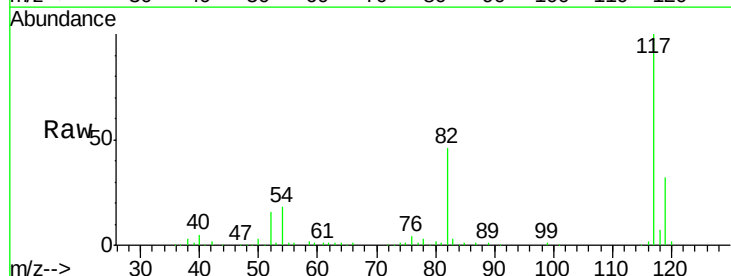
Instrument :
MSVOA_D
ClientSampleId :

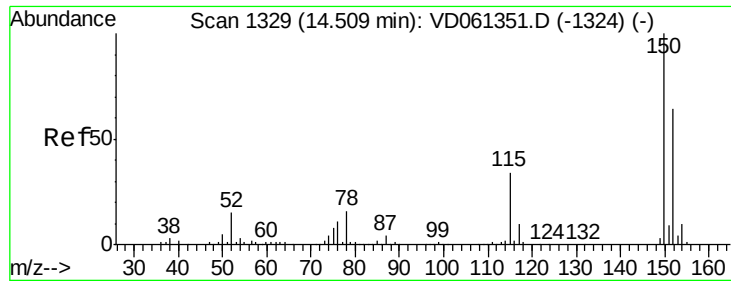
Tot Ion: 95 Resp: 280421
Ion Ratio Lower Upper
95 100
174 93.0 0.0 178.0
176 91.9 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061477.D
Acq: 1 Apr 2019 19:14

Tgt Ion: 117 Resp: 708478
Ion Ratio Lower Upper
117 100
82 45.8 34.4 51.6
119 32.4 25.8 38.6



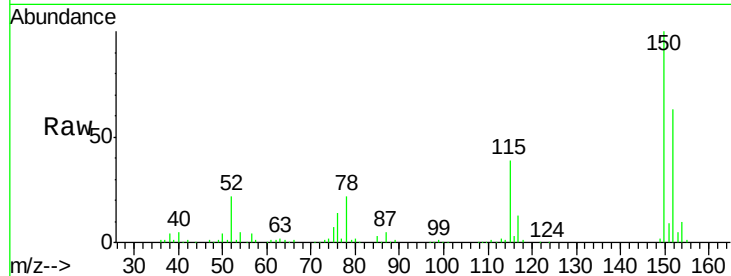


#72

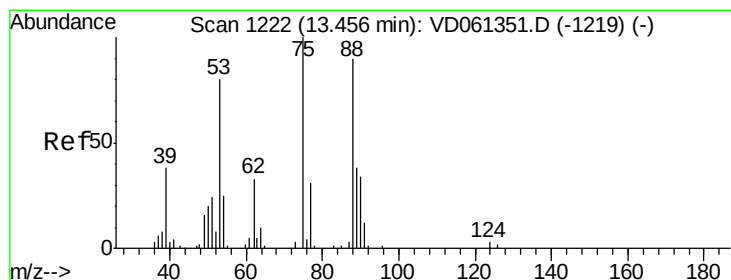
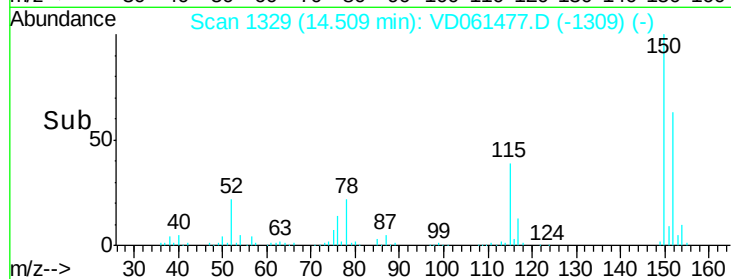
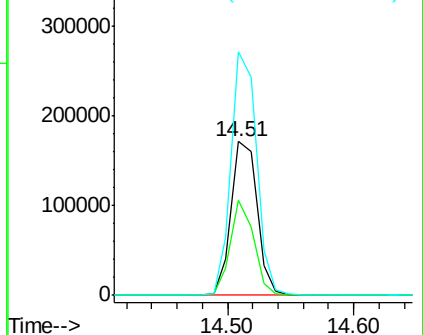
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD061477.D
Acq: 1 Apr 2019 19:14

Instrument :
MSVOA_D
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
115	61.8	26.9	80.6
150	158.7	0.0	318.0



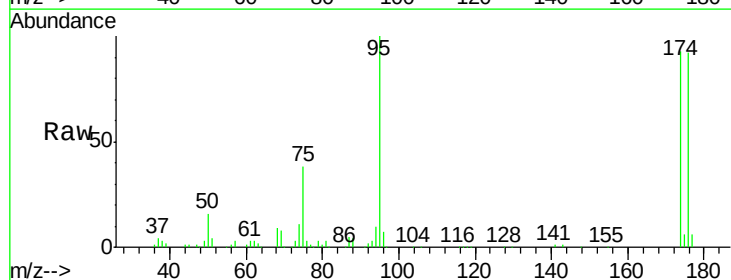
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



#81

trans-1,4-Dichloro-2-butene
Concen: 97.777 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.10 min
Lab File: VD061477.D
Acq: 1 Apr 2019 19:14

Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.8	95.8#
89	0.0	30.5	45.7#



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

