

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040819\
 Data File : VD061669.D
 Acq On : 9 Apr 2019 00:14
 Operator : VA/AP
 Sample : K2240-06RE
 Misc : 5.03g/5ml/MSVOA D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 09 01:24:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

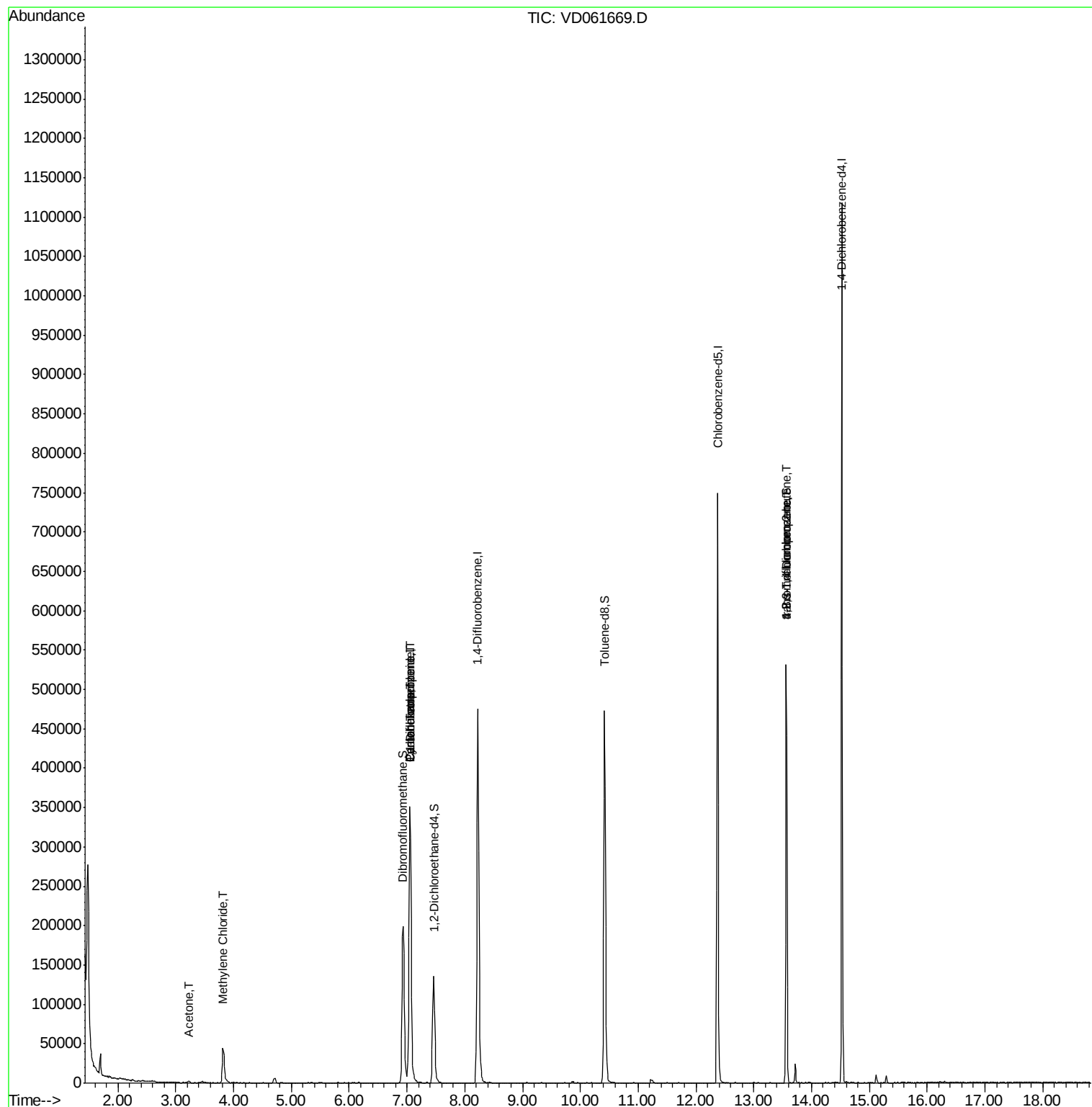
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	361448	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.22	114	574772	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.38	117	474352	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	240669	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	137521	50.19	ug/l	0.01
Spiked Amount 50.000			Recovery	=	100.38%	
35) Dibromofluoromethane	6.93	113	195411	49.08	ug/l	0.01
Spiked Amount 50.000			Recovery	=	98.16%	
50) Toluene-d8	10.42	98	410951	41.08	ug/l	0.01
Spiked Amount 50.000			Recovery	=	82.16%	
62) 4-Bromofluorobenzene	13.56	95	167866	47.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.34%	
Target Compounds						
					Qvalue	
16) Acetone	3.21	43	3389	4.138	ug/l #	51
20) Methylene Chloride	3.81	84	31604	6.800	ug/l #	87
31) Cyclohexane	7.04	56	5774	1.119	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	24977	4.965	ug/l #	47
38) Carbon Tetrachloride	7.05	117	35373	6.000	ug/l #	14
76) 1,2,3-Trichloropropane	13.56	75	53132	16.227	ug/l #	46
81) trans-1,4-Dichloro-2-buten	13.56	75	65431	65.852	ug/l #	20

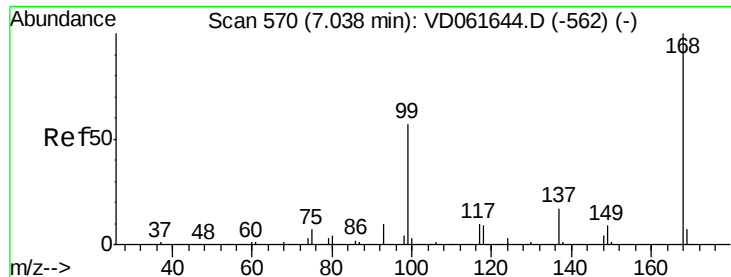
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Apr 08 10:04:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD061669.D

Acq: 9 Apr 2019 00:14

Instrument :

MSVOA_D

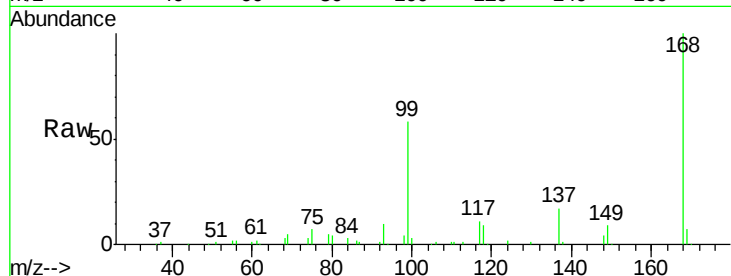
ClientSampleId :

Tot Ion:168 Resp: 361448

Ion Ratio Lower Upper

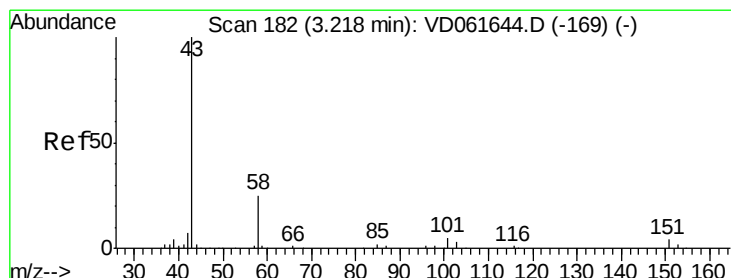
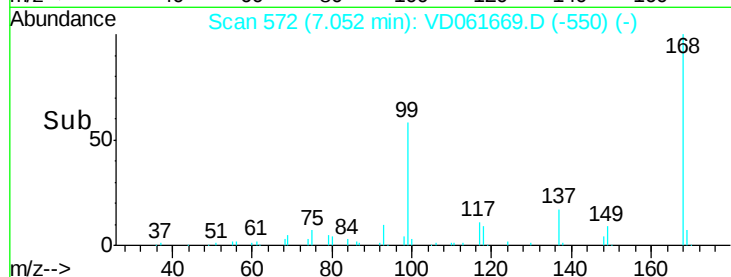
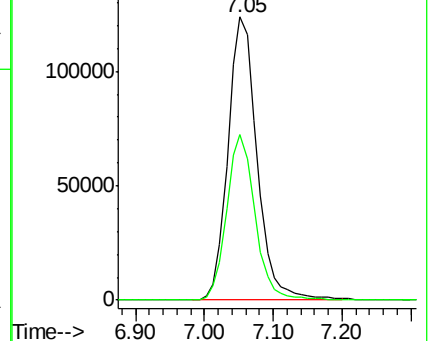
168 100

99 58.4 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: 4.138 ug/l

RT: 3.21 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD061669.D

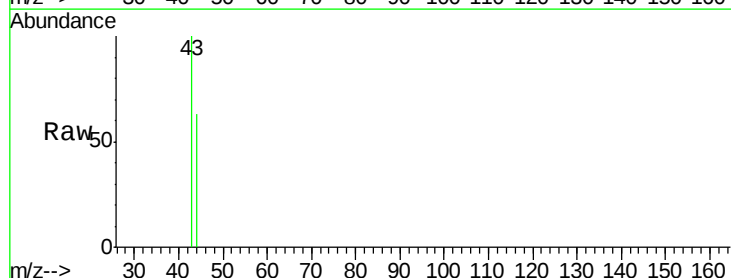
Acq: 9 Apr 2019 00:14

Tgt Ion: 43 Resp: 3389

Ion Ratio Lower Upper

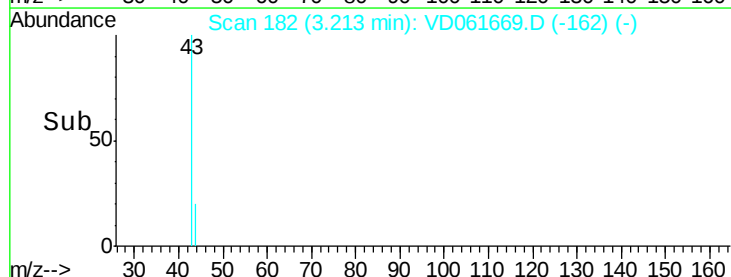
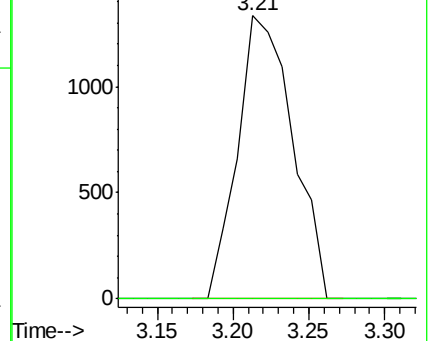
43 100

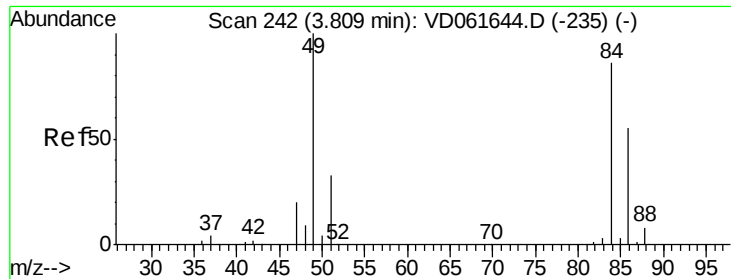
58 0.0 19.7 29.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methvlene Chloride

Concen: 6.800 ug/l

RT: 3.81 min Scan# 243

Delta R.T. 0.01 min

Lab File: VD061669.D

Acq: 9 Apr 2019 00:14

Instrument :

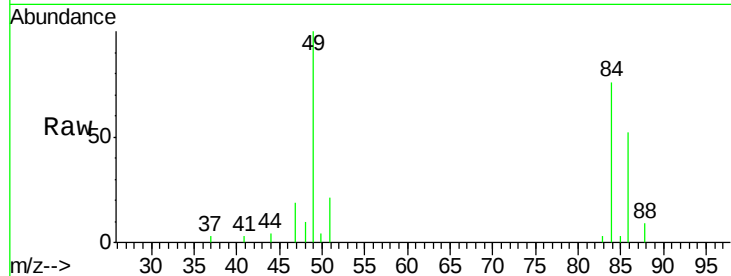
MSVOA_D

ClientSampled :

Tot Ion: 84 Resp: 31604

Ion Ratio Lower Upper

84	100		
49	132.3	93.0	139.4
51	27.9	30.4	45.6#
86	69.3	51.0	76.4

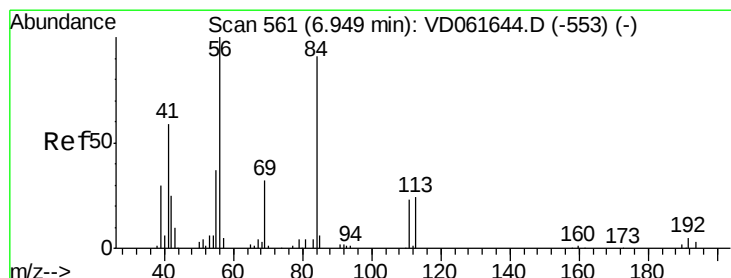
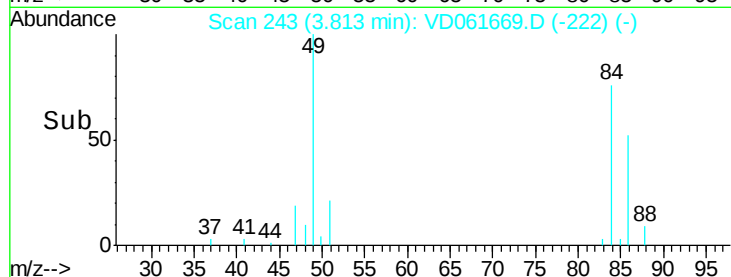
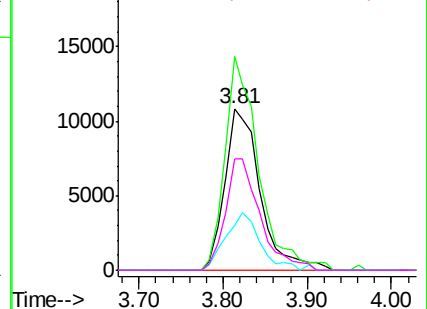


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 1.119 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.09 min

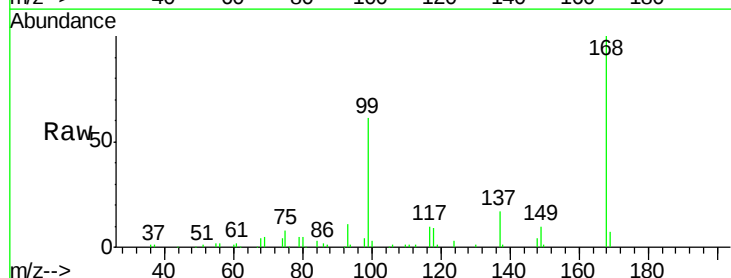
Lab File: VD061669.D

Acq: 9 Apr 2019 00:14

Tgt Ion: 56 Resp: 5774

Ion Ratio Lower Upper

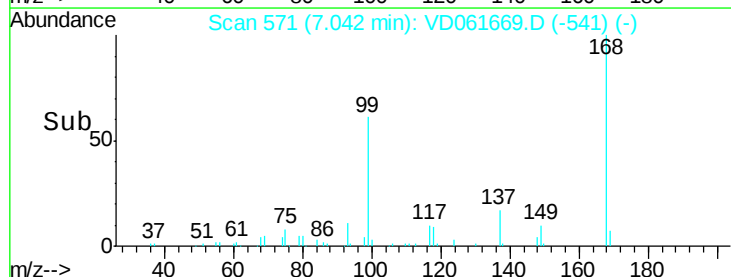
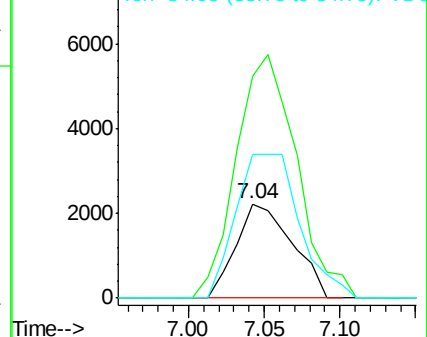
56	100		
69	236.5	25.8	38.6#
84	153.2	74.2	111.2#

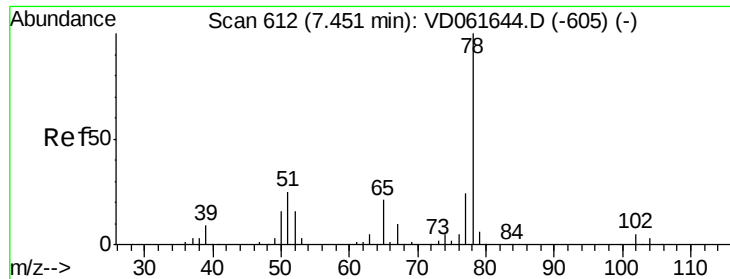


Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC

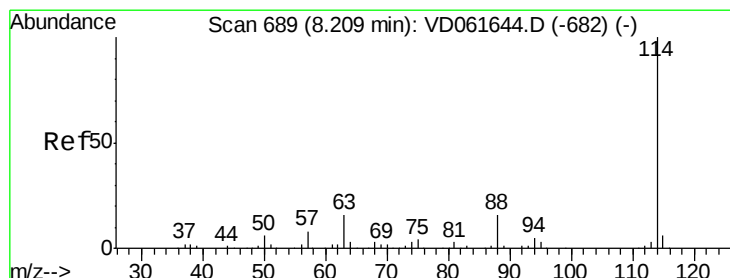
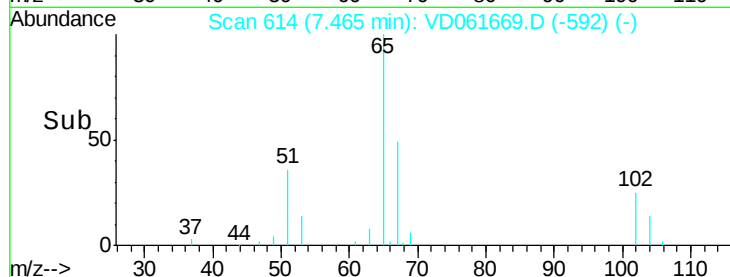
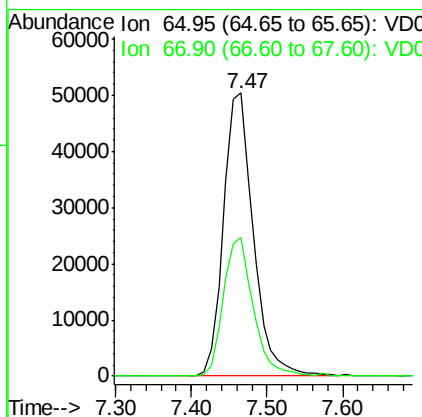
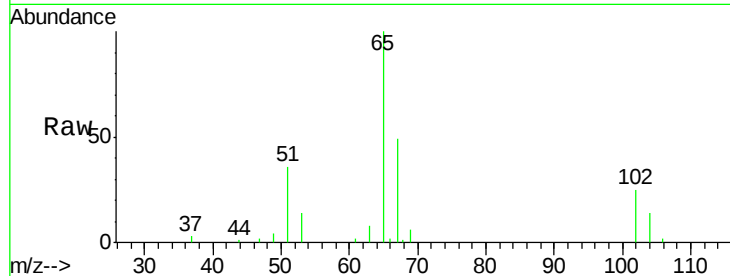




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.47 min Scan# 614
 Delta R.T. 0.01 min
 Lab File: VD061669.D
 Acq: 9 Apr 2019 00:14

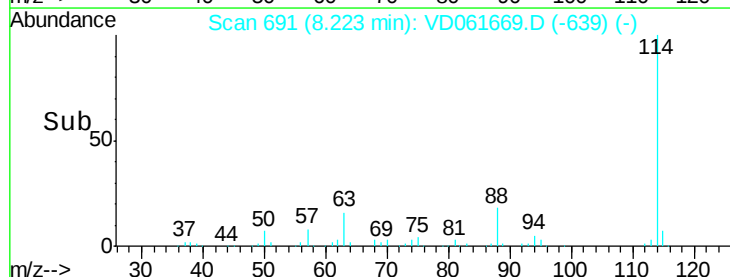
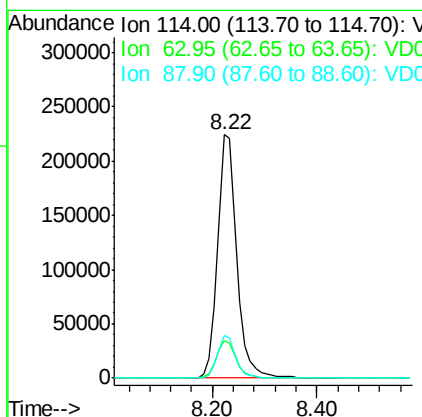
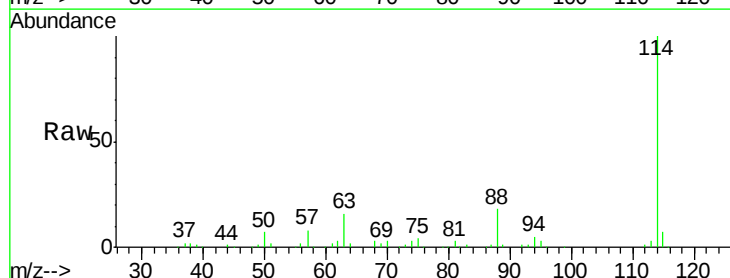
Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion: 65 Resp: 137521
 Ion Ratio Lower Upper
 65 100
 67 49.0 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD061669.D
 Acq: 9 Apr 2019 00:14

Tgt Ion: 114 Resp: 574772
 Ion Ratio Lower Upper
 114 100
 63 15.7 0.0 31.2
 88 17.7 0.0 31.8

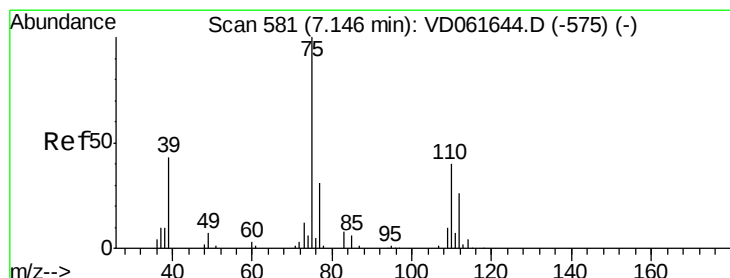
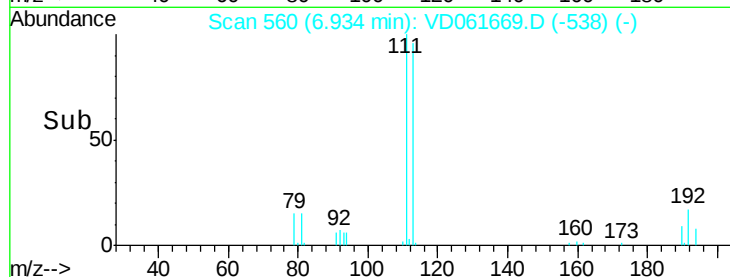
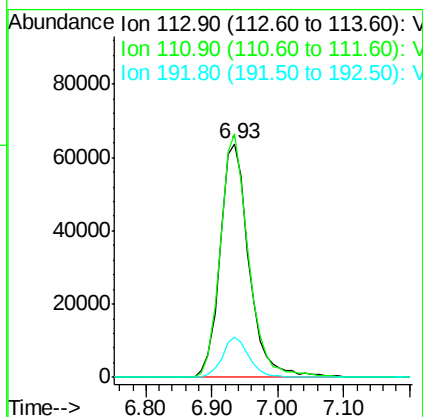
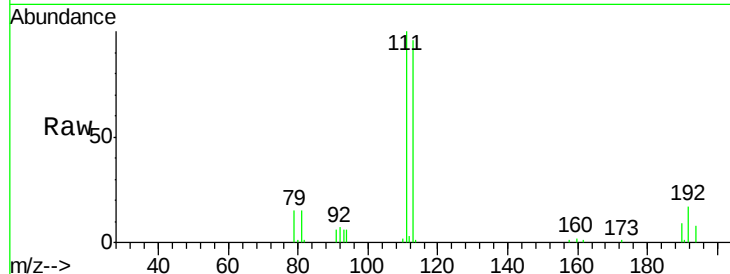




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 560
 Delta R.T. 0.01 min
 Lab File: VD061669.D
 Acq: 9 Apr 2019 00:14

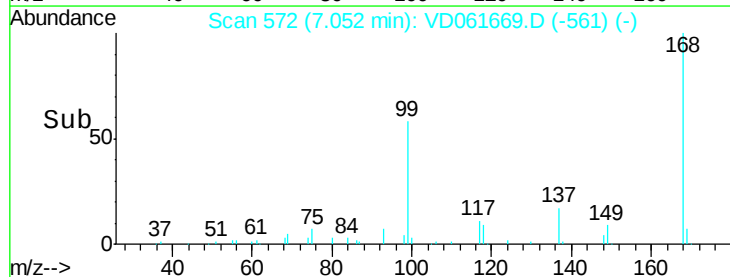
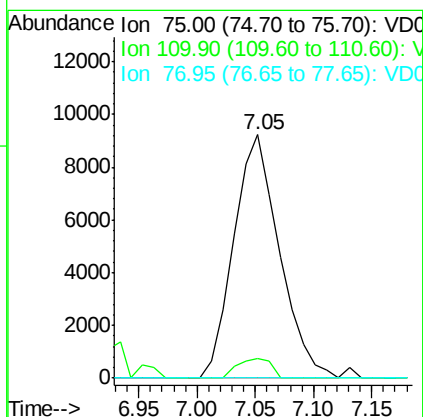
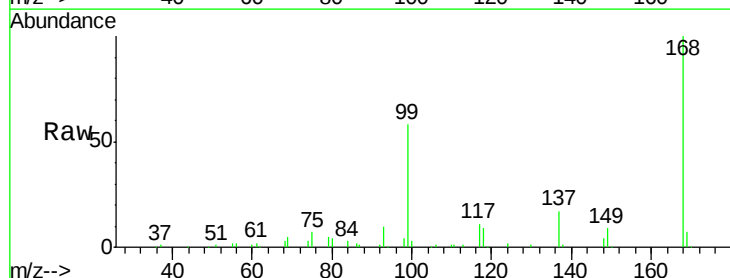
Instrument :
 MSVOA_D
 ClientSampleId :

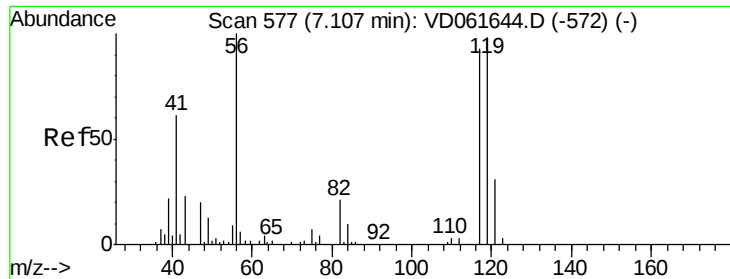
Tot Ion:113 Resp: 195411
 Ion Ratio Lower Upper
 113 100
 111 104.1 79.3 118.9
 192 17.3 12.3 18.5



#36
 1,1-Dichloropropene
 Concen: 4.965 ug/l
 RT: 7.05 min Scan# 572
 Delta R.T. -0.09 min
 Lab File: VD061669.D
 Acq: 9 Apr 2019 00:14

Tgt Ion: 75 Resp: 24977
 Ion Ratio Lower Upper
 75 100
 110 7.9 19.7 59.0#
 77 0.0 24.8 37.2#

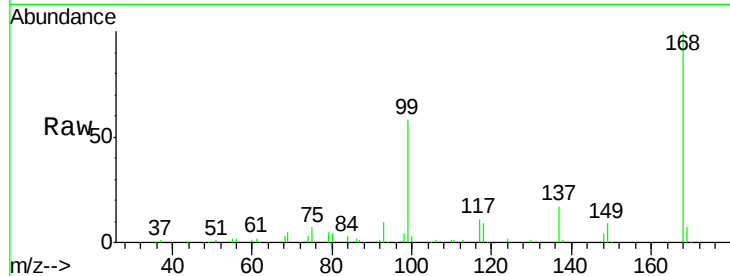




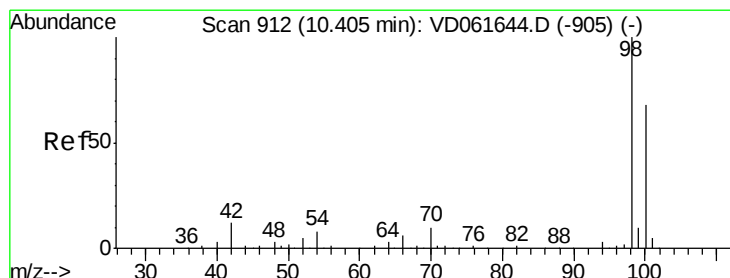
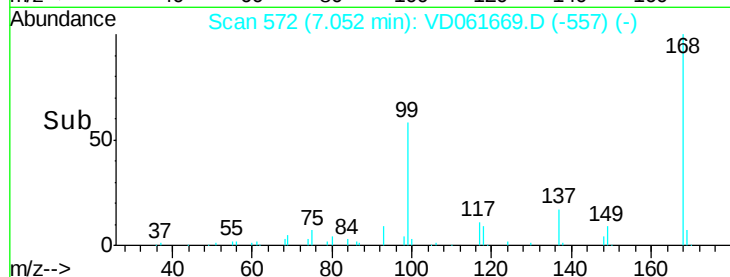
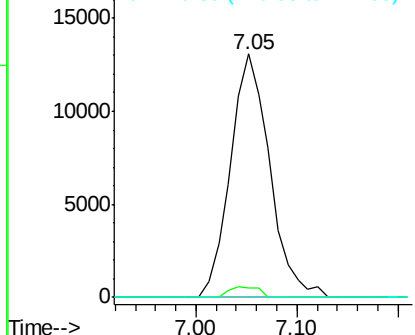
#38
Carbon Tetrachloride
Concen: 6.000 ug/l
RT: 7.05 min Scan# 572
Delta R.T. -0.05 min
Lab File: VD061669.D
Acq: 9 Apr 2019 00:14

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 35373
Ion Ratio Lower Upper
117 100
119 4.0 77.9 116.9#
121 0.0 24.7 37.1#

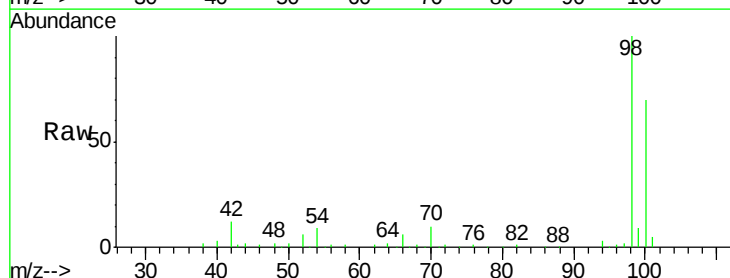


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

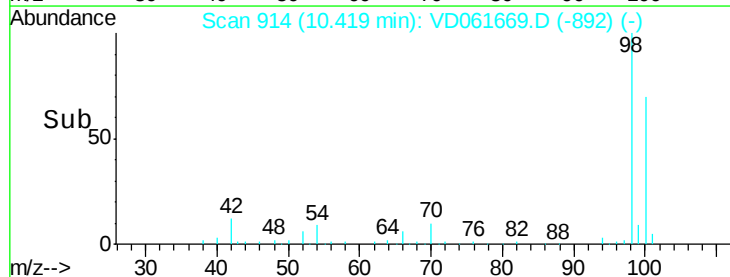
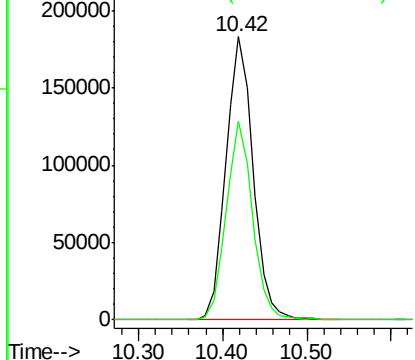


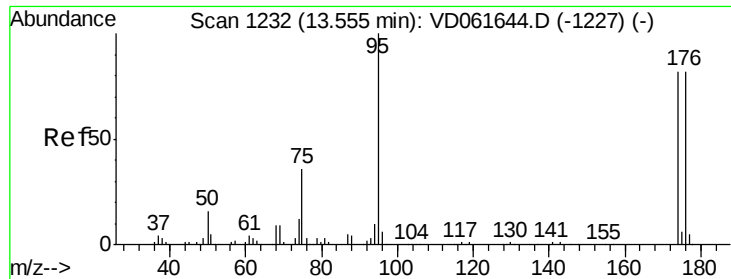
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD061669.D
Acq: 9 Apr 2019 00:14

Tgt Ion: 98 Resp: 410951
Ion Ratio Lower Upper
98 100
100 70.0 55.4 83.0



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





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD061669.D

Acq: 9 Apr 2019 00:14

Instrument :

MSVOA_D

ClientSampleId :

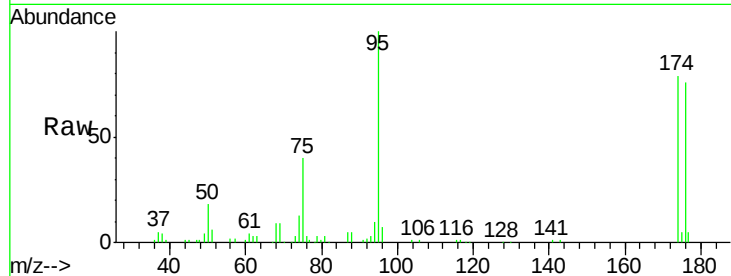
Tot Ion: 95 Resp: 167866

Ion Ratio Lower Upper

95 100

174 79.0 0.0 164.6

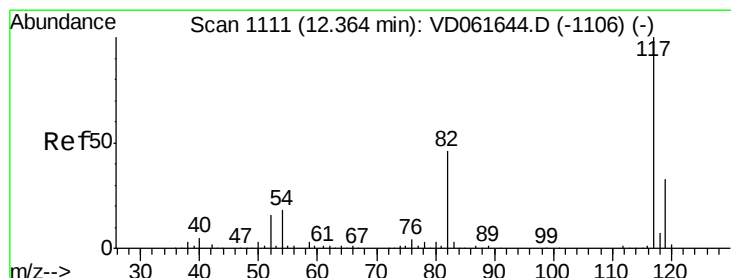
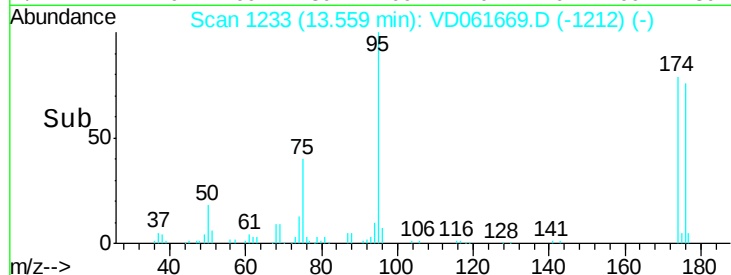
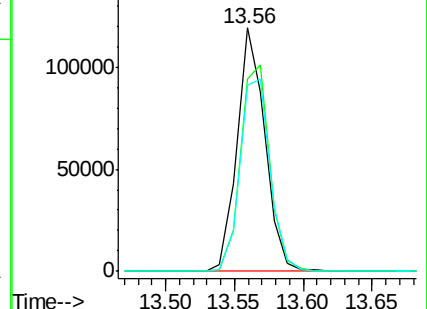
176 76.2 0.0 165.0



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: 12.38 min Scan# 1113

Delta R.T. 0.01 min

Lab File: VD061669.D

Acq: 9 Apr 2019 00:14

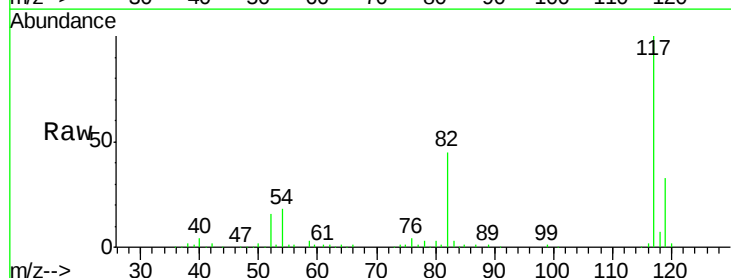
Tgt Ion: 117 Resp: 474352

Ion Ratio Lower Upper

117 100

82 45.5 36.8 55.2

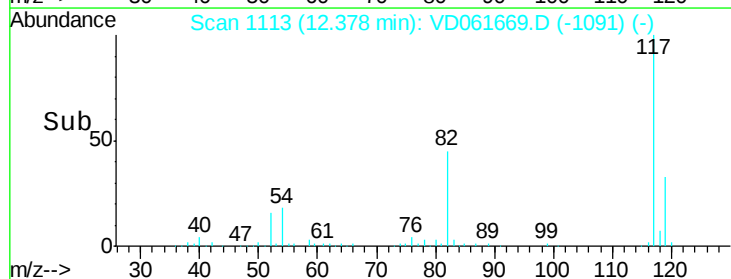
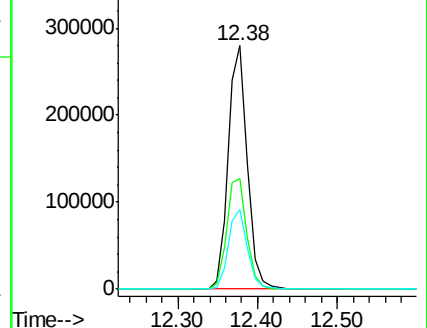
119 33.0 26.1 39.1

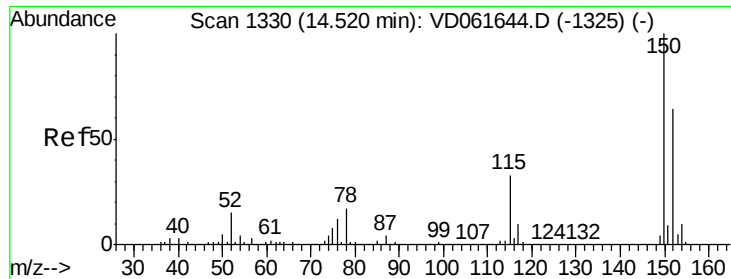


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.52 min Scan# 1331

Delta R.T. 0.00 min

Lab File: VD061669.D

Acq: 9 Apr 2019 00:14

Instrument :

MSVOA_D

ClientSampleId :

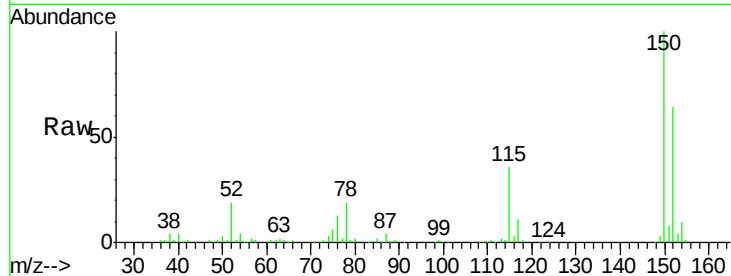
Tot Ion:152 Resp: 240669

Ion Ratio Lower Upper

152 100

115 56.9 26.4 79.2

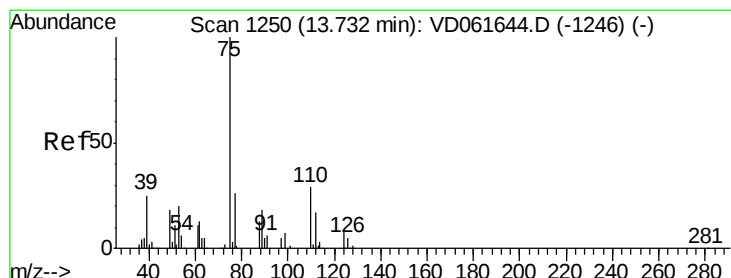
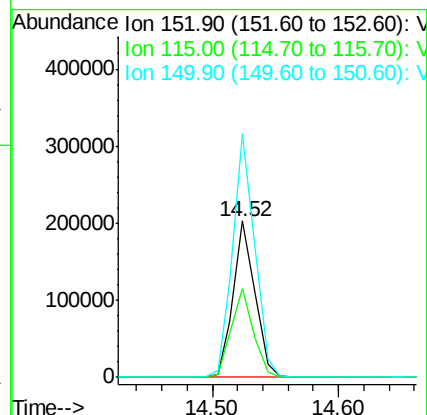
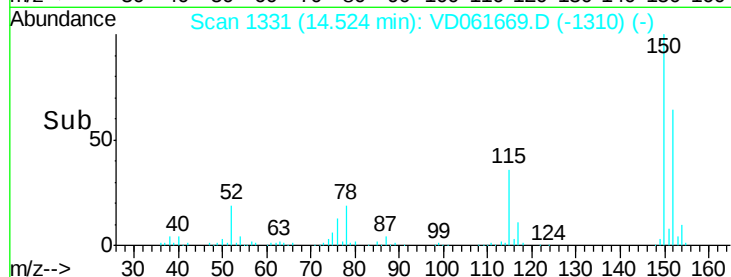
150 155.9 0.0 320.6



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



#76

1,2,3-Trichloropropane

Concen: 16.227 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.17 min

Lab File: VD061669.D

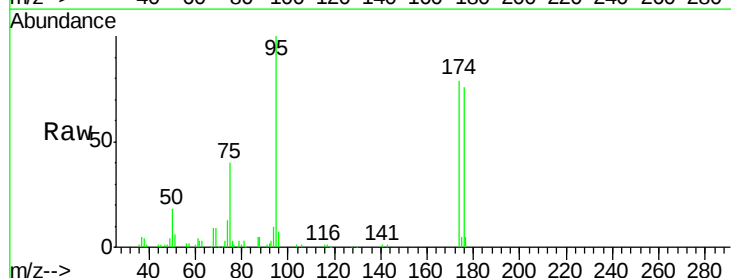
Acq: 9 Apr 2019 00:14

Tgt Ion: 75 Resp: 53132

Ion Ratio Lower Upper

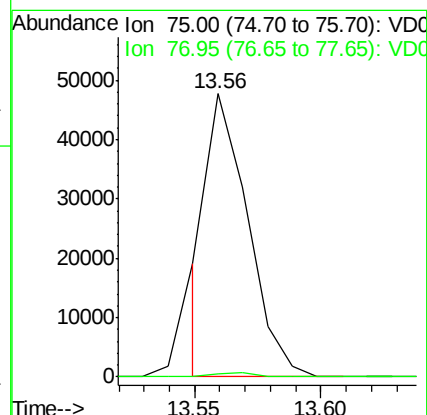
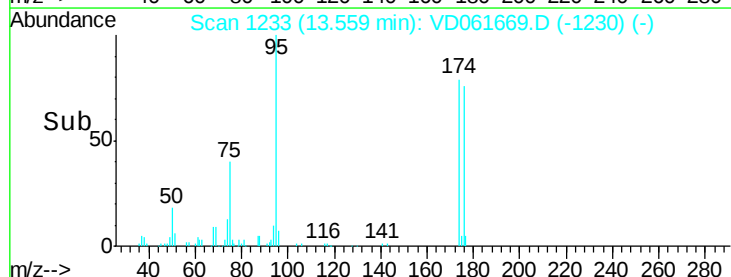
75 100

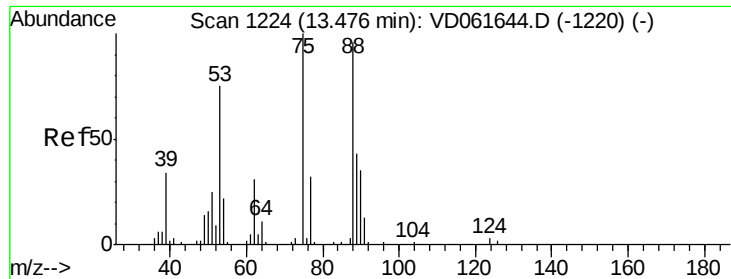
77 1.3 15.7 47.1#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 76.95 (76.65 to 77.65): V





#81

trans-1,4-Dichloro-2-butene

Concen: 65.852 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.08 min

Lab File: VD061669.D

Acq: 9 Apr 2019 00:14

Instrument :

MSVOA_D

ClientSampleId :

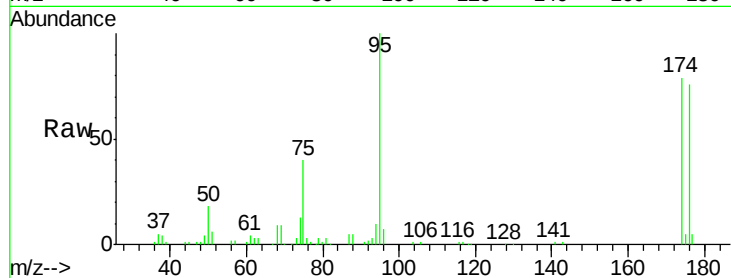
Tot Ion: 75 Resp: 65431

Ion Ratio Lower Upper

75 100

53 0.0 60.2 90.2#

89 0.0 34.2 51.2#



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

