

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040819\
 Data File : VD061668.D
 Acq On : 8 Apr 2019 23:44
 Operator : VA/AP
 Sample : K2240-05RE
 Misc : 5.08g/5ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 09 01:24:38 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

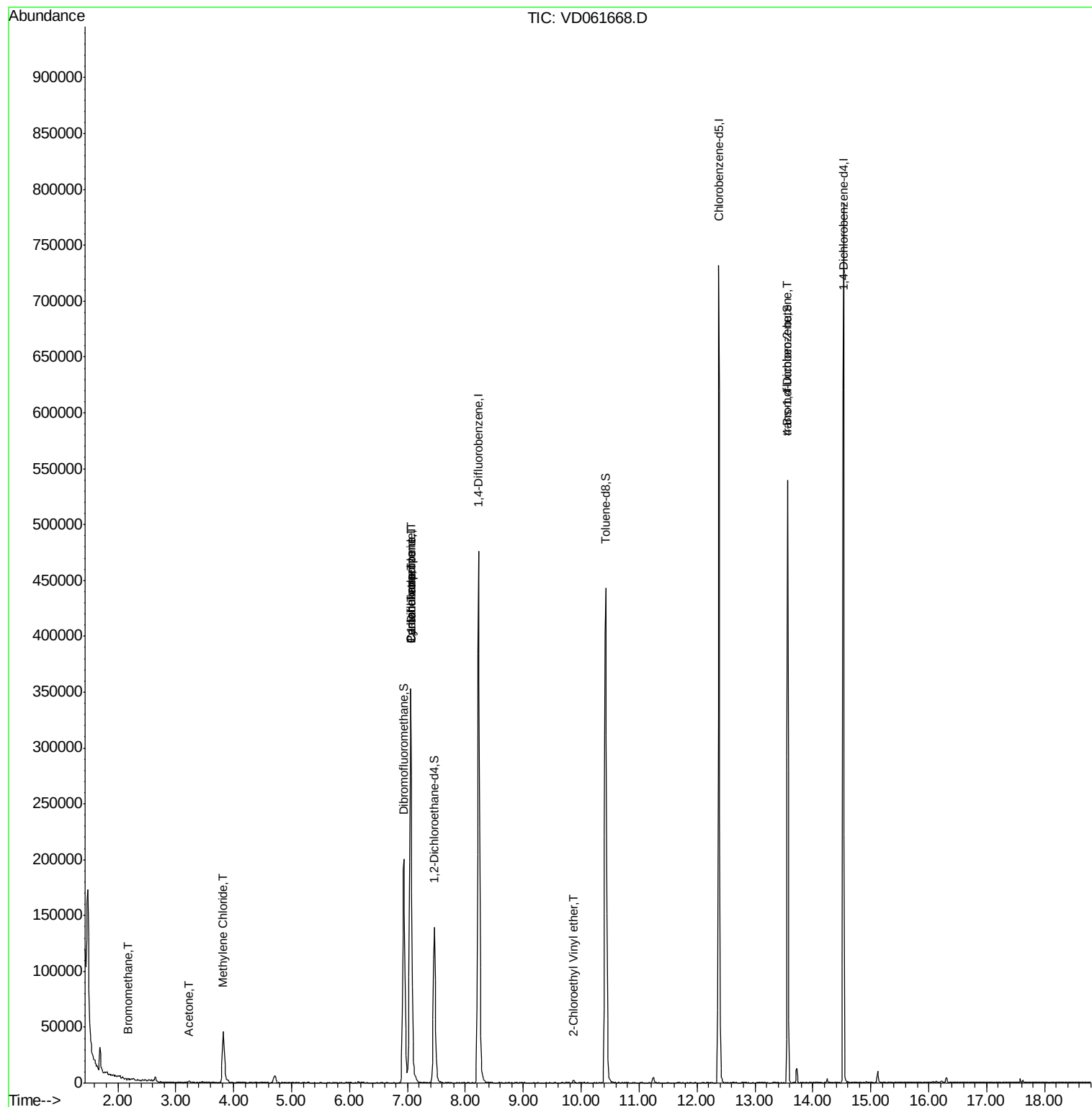
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	349201	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	547966	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	454171	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	186970	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	145216	54.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.72%	
35) Dibromofluoromethane	6.94	113	189839	50.01	ug/l	0.02
Spiked Amount 50.000			Recovery	=	100.02%	
50) Toluene-d8	10.42	98	399079	41.84	ug/l	0.02
Spiked Amount 50.000			Recovery	=	83.68%	
62) 4-Bromofluorobenzene	13.56	95	158915	46.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.52%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.18	94	814	1.236	ug/l #	12
16) Acetone	3.23	43	3063	3.871	ug/l #	51
20) Methylene Chloride	3.82	84	33503	7.462	ug/l	94
31) Cyclohexane	7.06	56	5436	1.091	ug/l #	1
36) 1,1-Dichloropropene	7.06	75	24194	5.045	ug/l #	45
38) Carbon Tetrachloride	7.06	117	33474	5.956	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.86	63	1400	1.154	ug/l #	46
81) trans-1,4-Dichloro-2-buten	13.56	75	61035	79.071	ug/l #	20

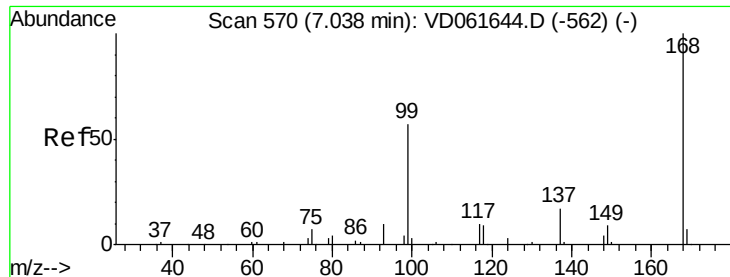
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.06 min Scan# 572

Delta R.T. 0.02 min

Lab File: VD061668.D

Acq: 8 Apr 2019 23:44

Instrument :

MSVOA_D

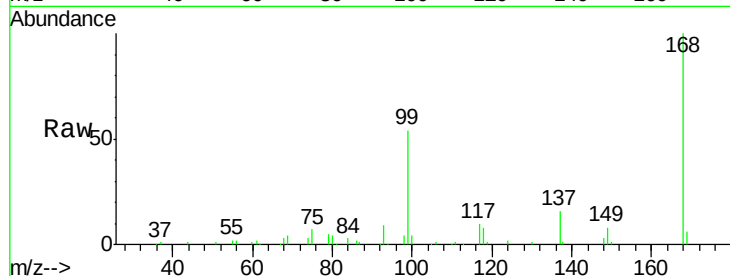
ClientSampleId :

Tot Ion:168 Resp: 349201

Ion Ratio Lower Upper

168 100

99 54.1 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

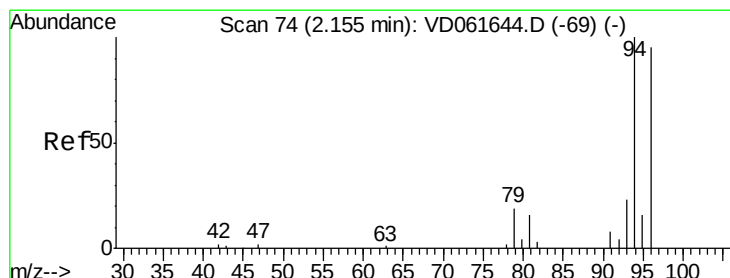
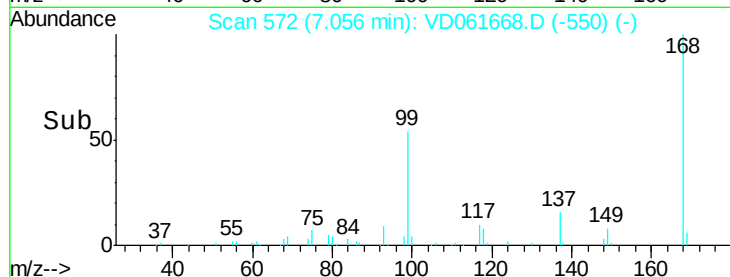
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 1.236 ug/l

RT: 2.18 min Scan# 77

Delta R.T. 0.03 min

Lab File: VD061668.D

Acq: 8 Apr 2019 23:44

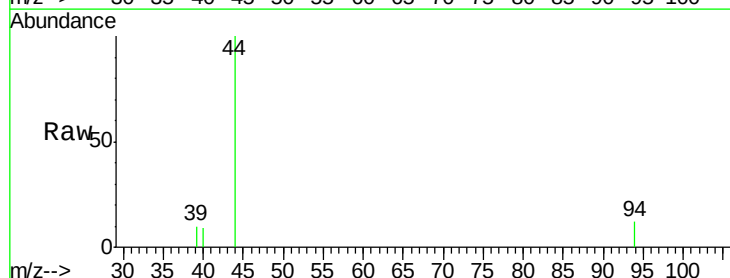
Tgt Ion: 94 Resp: 814

Ion Ratio Lower Upper

94 100

96 0.0 75.8 113.8#

93 0.0 18.6 28.0#



Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC

500

400

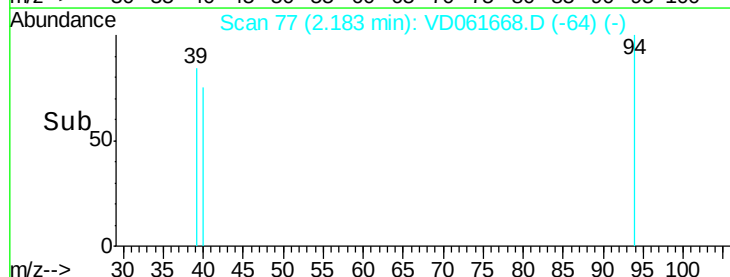
300

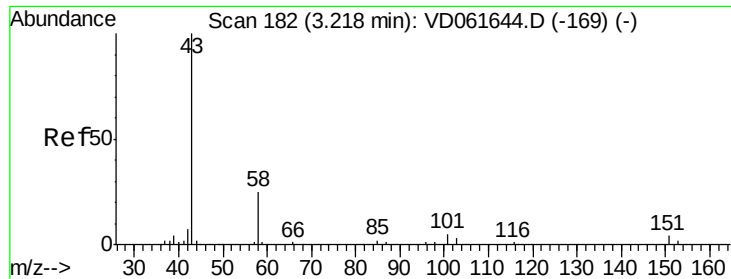
200

100

0

Time-->

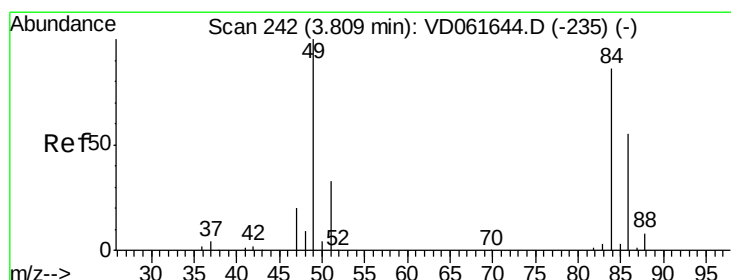
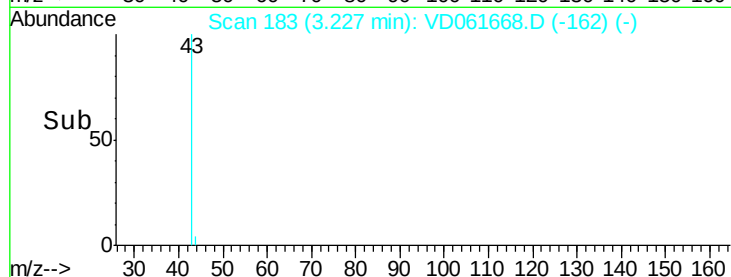
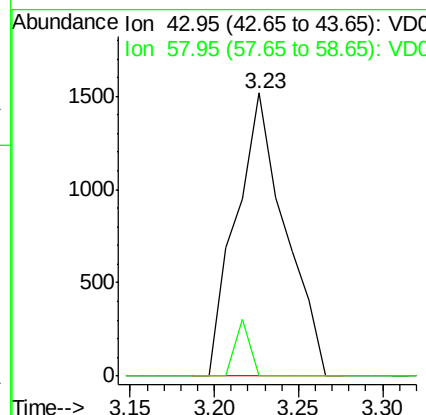
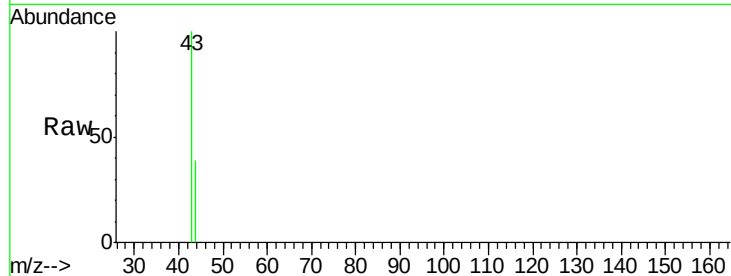




#16
Acetone
Concen: 3.871 ug/l
RT: 3.23 min Scan# 183
Delta R.T. 0.01 min
Lab File: VD061668.D
Acq: 8 Apr 2019 23:44

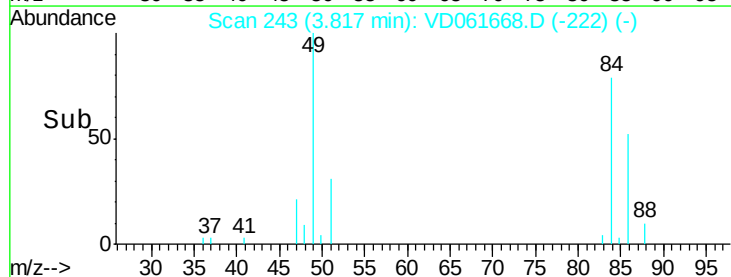
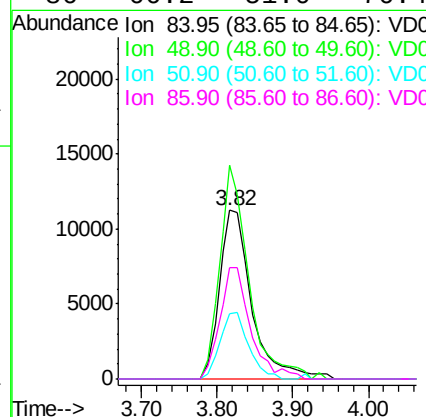
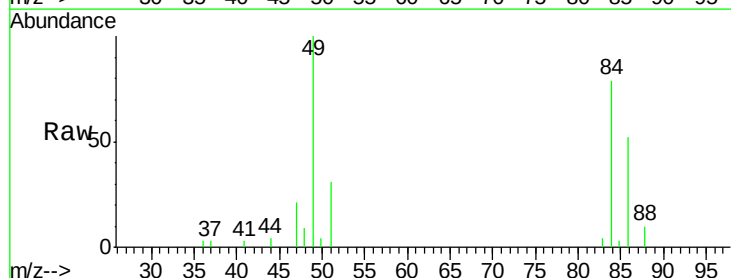
Instrument :
MSVOA_D
ClientSampleId :

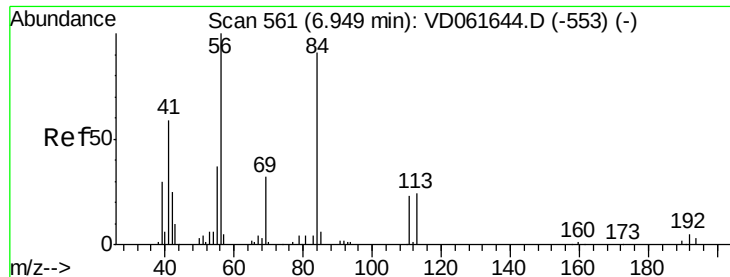
Tot Ion: 43 Resp: 3063
Ion Ratio Lower Upper
43 100
58 0.0 19.7 29.5#



#20
Methylene Chloride
Concen: 7.462 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.01 min
Lab File: VD061668.D
Acq: 8 Apr 2019 23:44

Tgt Ion: 84 Resp: 33503
Ion Ratio Lower Upper
84 100
49 126.5 93.0 139.4
51 38.7 30.4 45.6
86 66.2 51.0 76.4

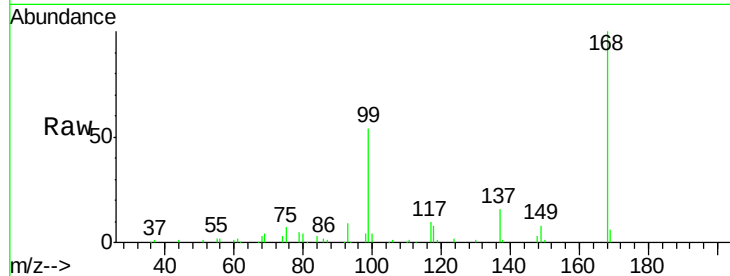




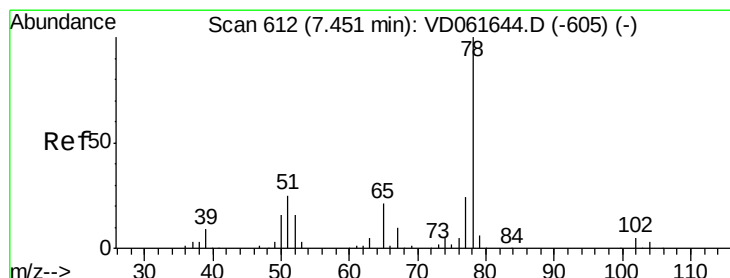
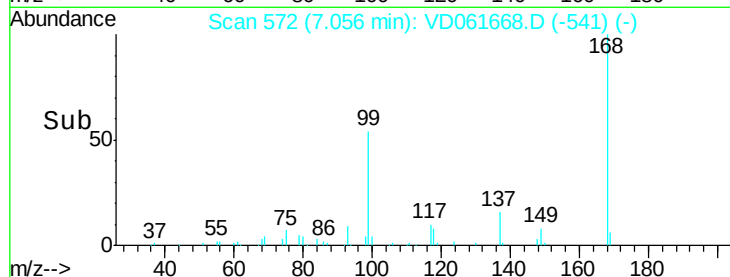
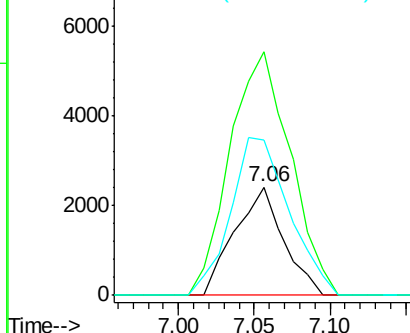
#31
Cyclohexane
Concen: 1.091 ug/l
RT: 7.06 min Scan# 572
Delta R.T. 0.11 min
Lab File: VD061668.D
Acq: 8 Apr 2019 23:44

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 5436
Ion Ratio Lower Upper
56 100
69 224.8 25.8 38.6#
84 143.5 74.2 111.2#

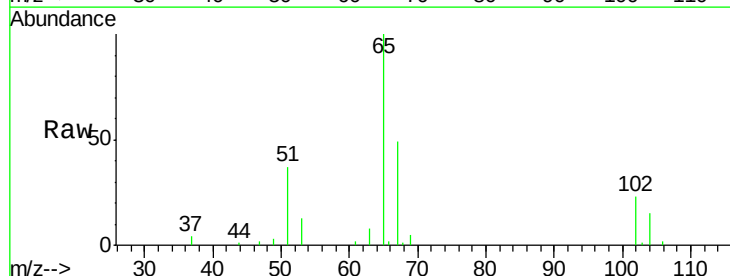


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

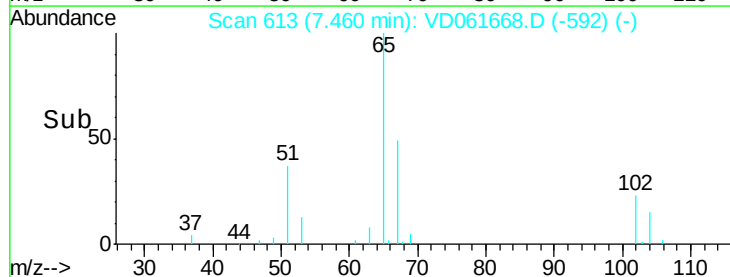
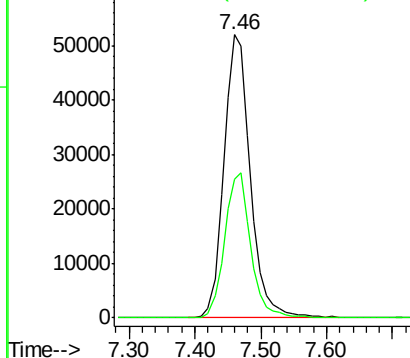


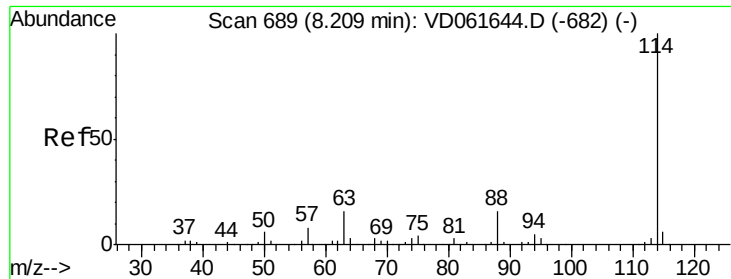
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.01 min
Lab File: VD061668.D
Acq: 8 Apr 2019 23:44

Tgt Ion: 65 Resp: 145216
Ion Ratio Lower Upper
65 100
67 49.0 0.0 99.4



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

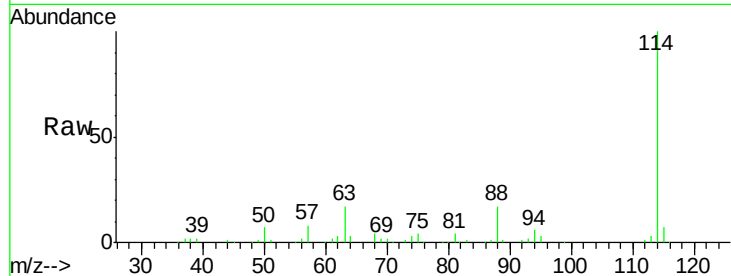




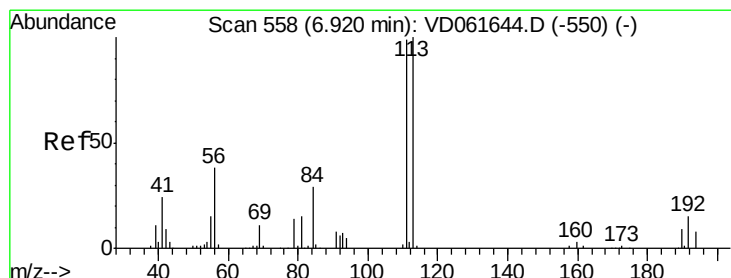
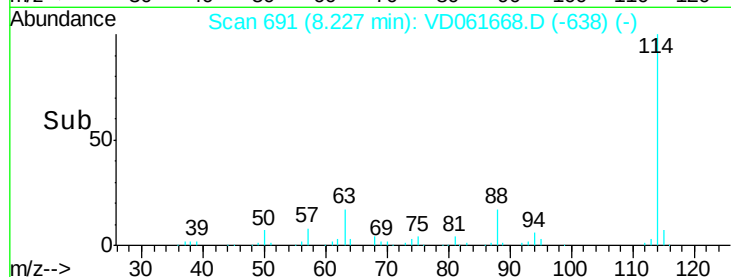
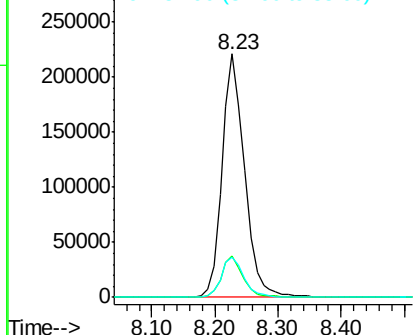
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.02 min
 Lab File: VD061668.D
 Acq: 8 Apr 2019 23:44

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 547966
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 31.2
 88 16.7 0.0 31.8

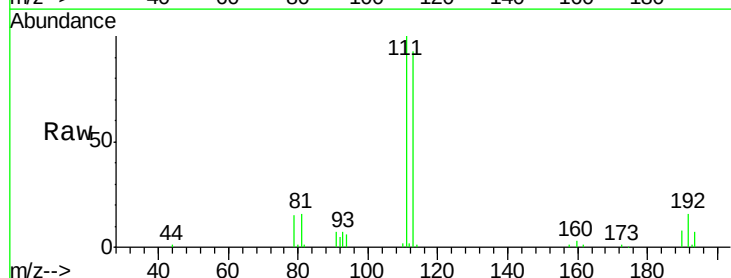


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

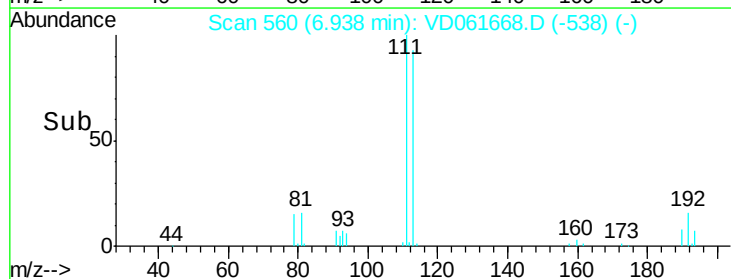
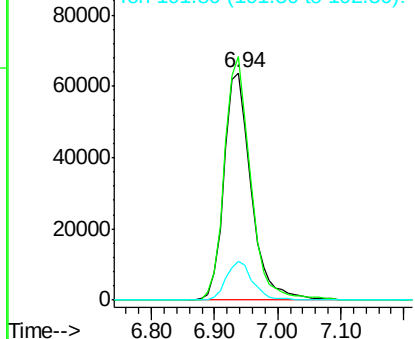


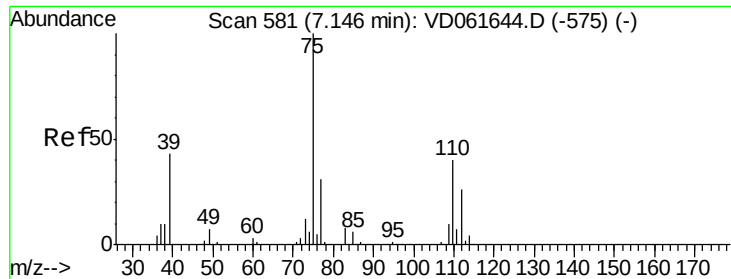
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.02 min
 Lab File: VD061668.D
 Acq: 8 Apr 2019 23:44

Tgt Ion:113 Resp: 189839
 Ion Ratio Lower Upper
 113 100
 111 107.2 79.3 118.9
 192 17.0 12.3 18.5



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

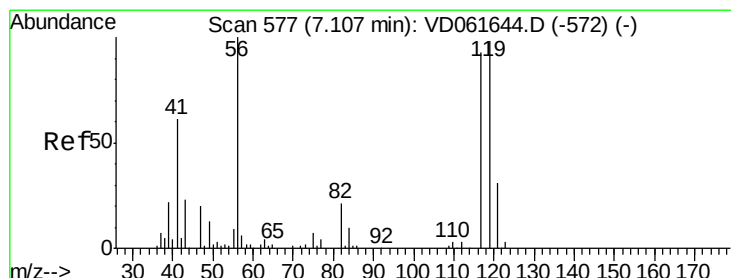
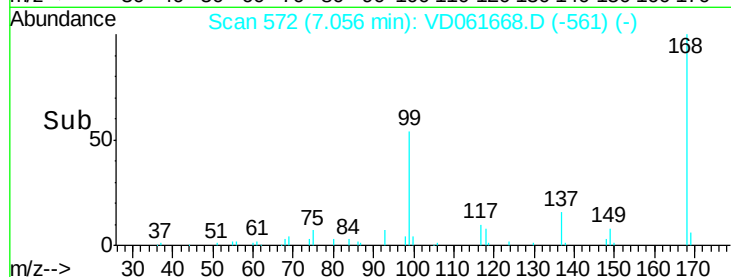
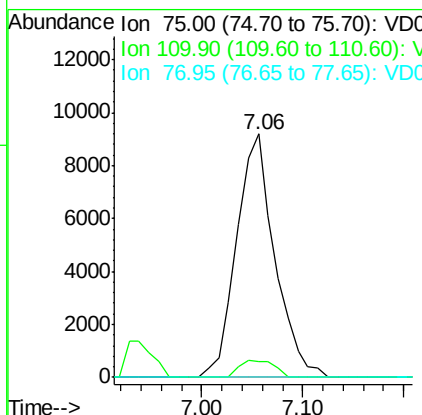
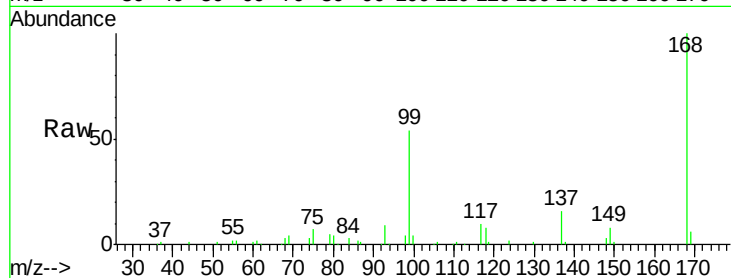




#36
 1,1-Dichloropropene
 Concen: 5.045 ug/l
 RT: 7.06 min Scan# 572
 Delta R.T. -0.09 min
 Lab File: VD061668.D
 Acq: 8 Apr 2019 23:44

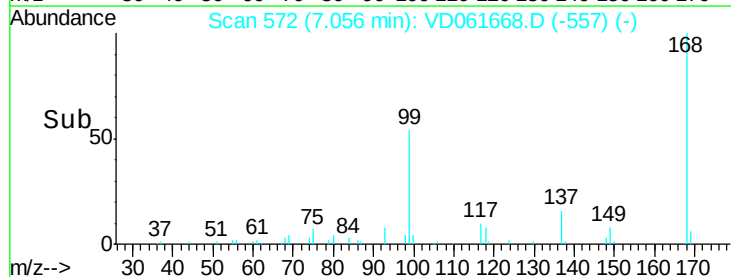
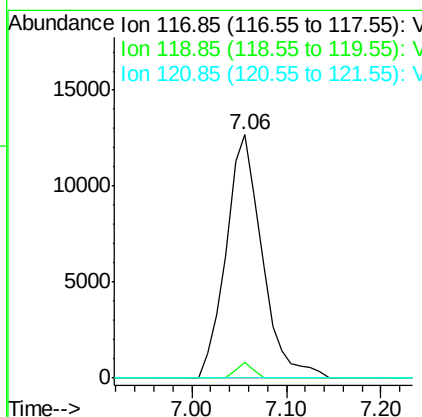
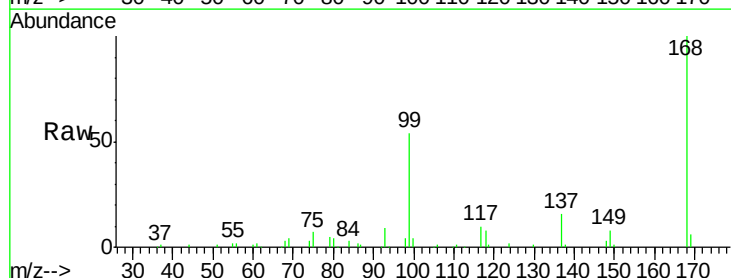
Instrument :
 MSVOA_D
 ClientSampleId :

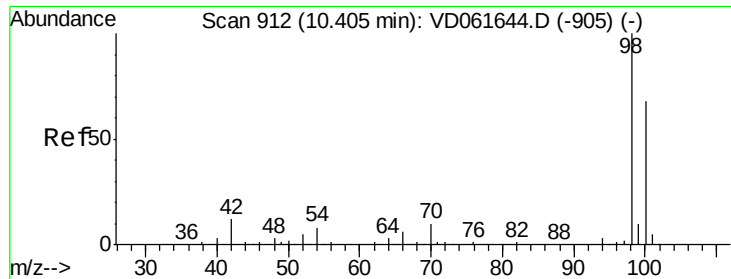
Tot Ion: 75 Resp: 24194
 Ion Ratio Lower Upper
 75 100
 110 6.5 19.7 59.0#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 5.956 ug/l
 RT: 7.06 min Scan# 572
 Delta R.T. -0.05 min
 Lab File: VD061668.D
 Acq: 8 Apr 2019 23:44

Tgt Ion: 117 Resp: 33474
 Ion Ratio Lower Upper
 117 100
 119 6.6 77.9 116.9#
 121 0.0 24.7 37.1#

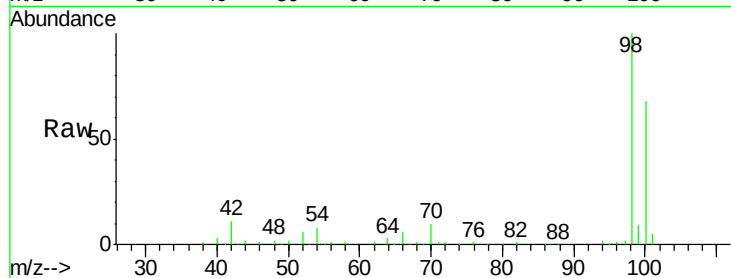




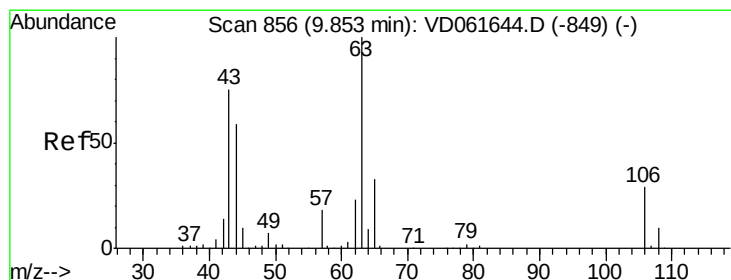
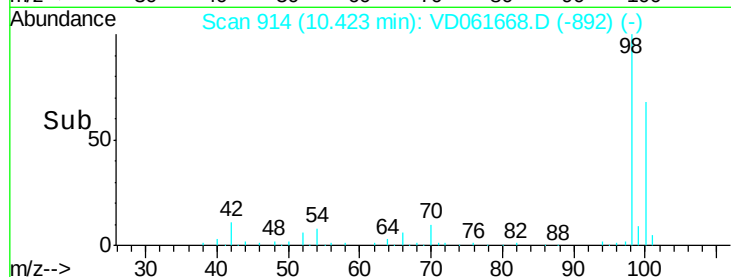
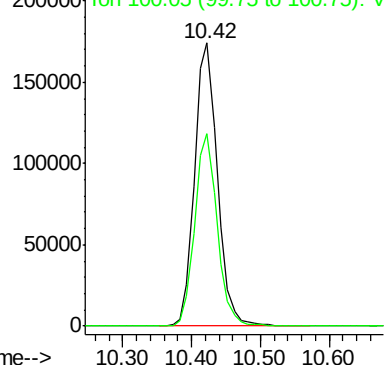
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.02 min
Lab File: VD061668.D
Acq: 8 Apr 2019 23:44

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 98 Resp: 399079
Ion Ratio Lower Upper
98 100
100 67.9 55.4 83.0

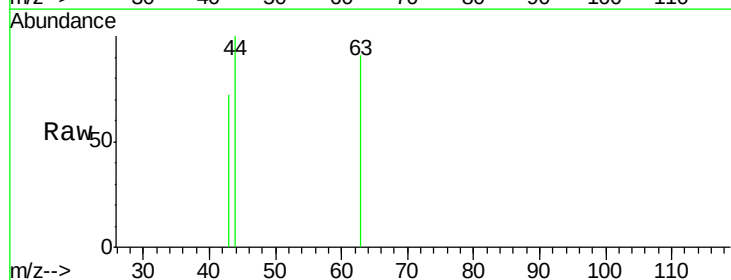


Abundance Ion 98.05 (97.75 to 98.75): VD061644.D (-905) (-)
Ion 100.05 (99.75 to 100.75): VD061644.D (-905) (-)

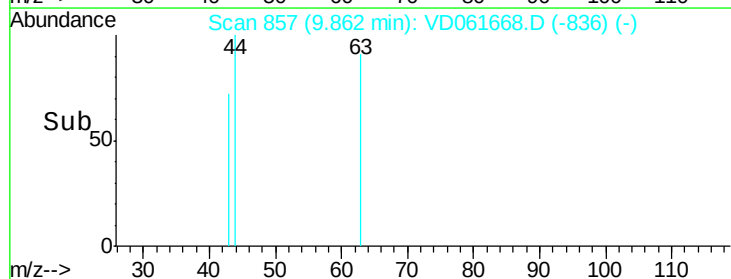
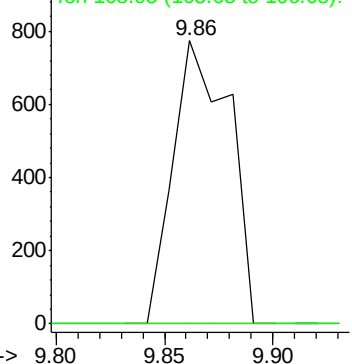


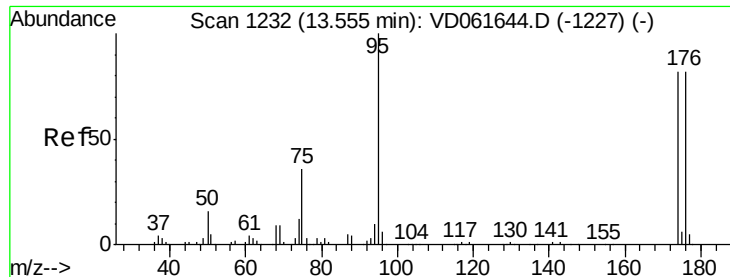
#58
2-Chloroethyl Vinyl ether
Concen: 1.154 ug/l
RT: 9.86 min Scan# 857
Delta R.T. 0.01 min
Lab File: VD061668.D
Acq: 8 Apr 2019 23:44

Tgt Ion: 63 Resp: 1400
Ion Ratio Lower Upper
63 100
106 0.0 23.0 34.6#



Abundance Ion 62.95 (62.65 to 63.65): VD061644.D (-849) (-)
Ion 105.95 (105.65 to 106.65): VD061644.D (-849) (-)





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD061668.D

Acq: 8 Apr 2019 23:44

Instrument :

MSVOA_D

ClientSampleId :

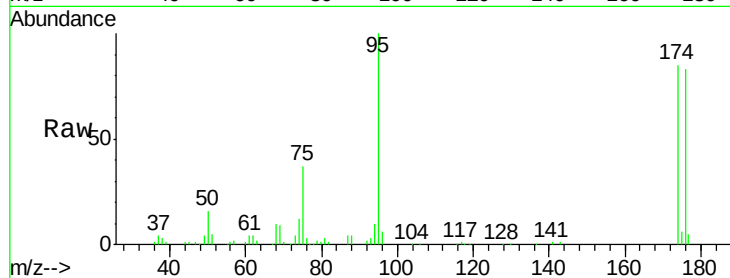
Tot Ion: 95 Resp: 158915

Ion Ratio Lower Upper

95 100

174 85.1 0.0 164.6

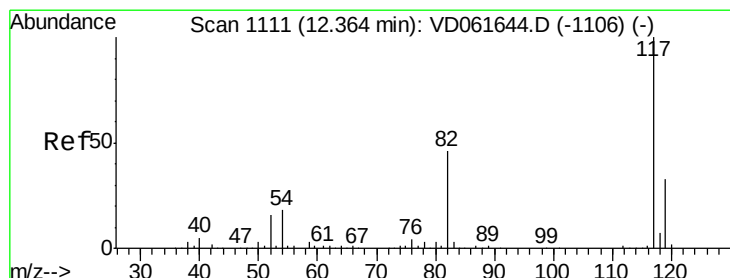
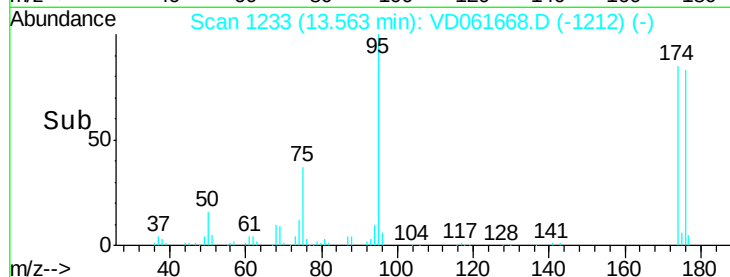
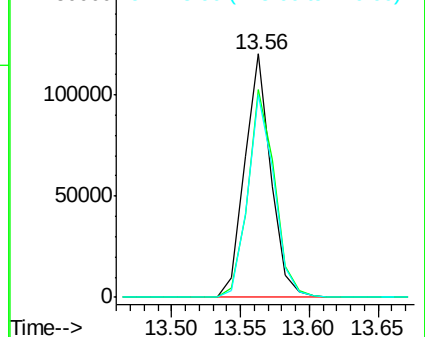
176 83.1 0.0 165.0



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: 12.37 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VD061668.D

Acq: 8 Apr 2019 23:44

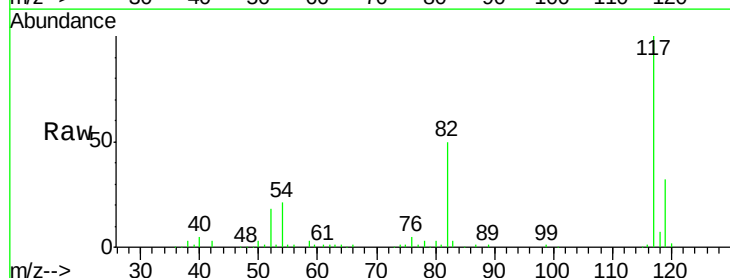
Tgt Ion: 117 Resp: 454171

Ion Ratio Lower Upper

117 100

82 49.5 36.8 55.2

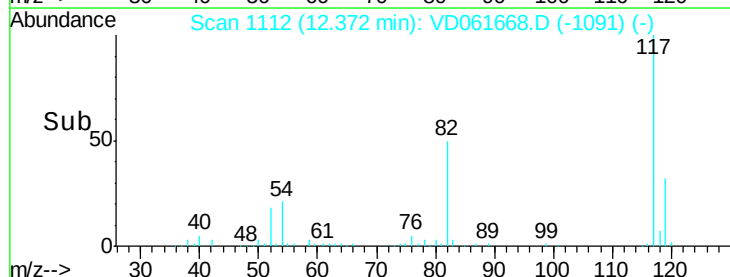
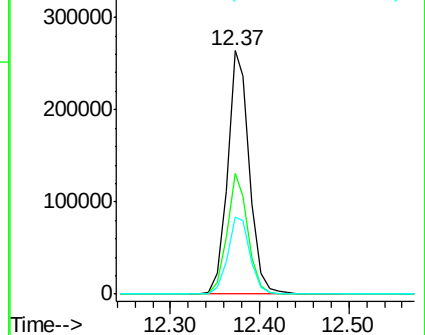
119 31.8 26.1 39.1

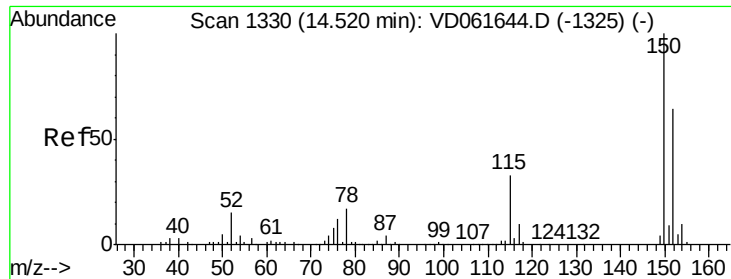


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.53 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VD061668.D

Acq: 8 Apr 2019 23:44

Instrument :

MSVOA_D

ClientSampleId :

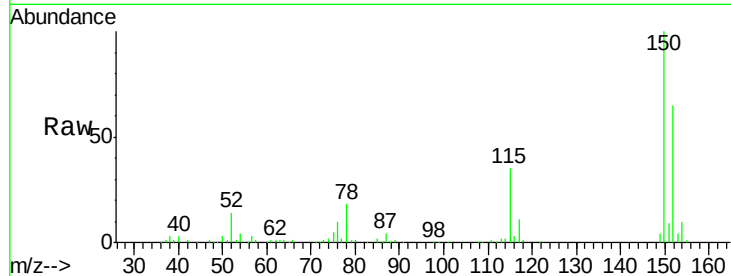
Tot Ion:152 Resp: 186970

Ion Ratio Lower Upper

152 100

115 53.9 26.4 79.2

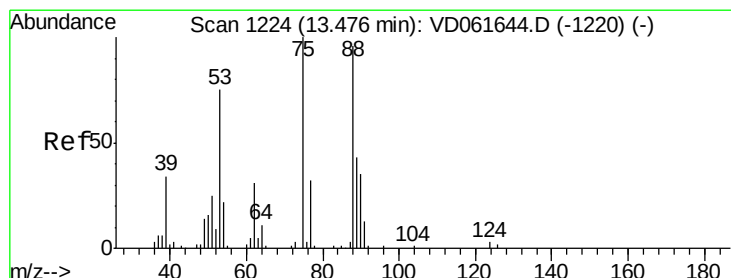
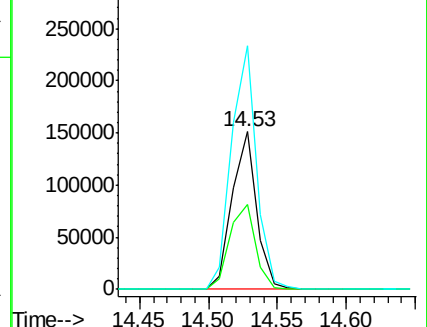
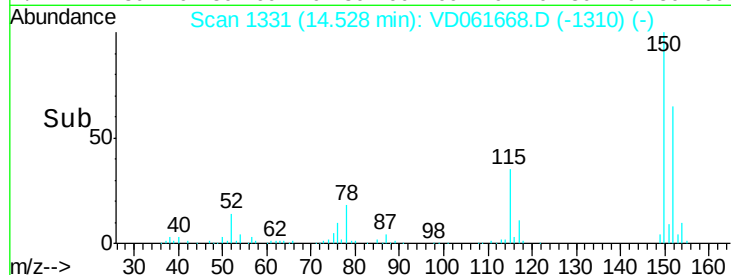
150 154.5 0.0 320.6



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



#81

trans-1,4-Dichloro-2-butene

Concen: 79.071 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.09 min

Lab File: VD061668.D

Acq: 8 Apr 2019 23:44

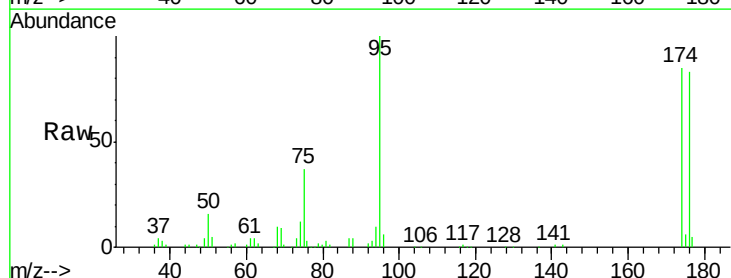
Tgt Ion: 75 Resp: 61035

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

