

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040119\
 Data File : VD061MB.D
 Acq On : 2 Apr 2019 2:35
 Operator : VA/AP
 Sample : VD0401SBL02
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 02 03:48:20 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

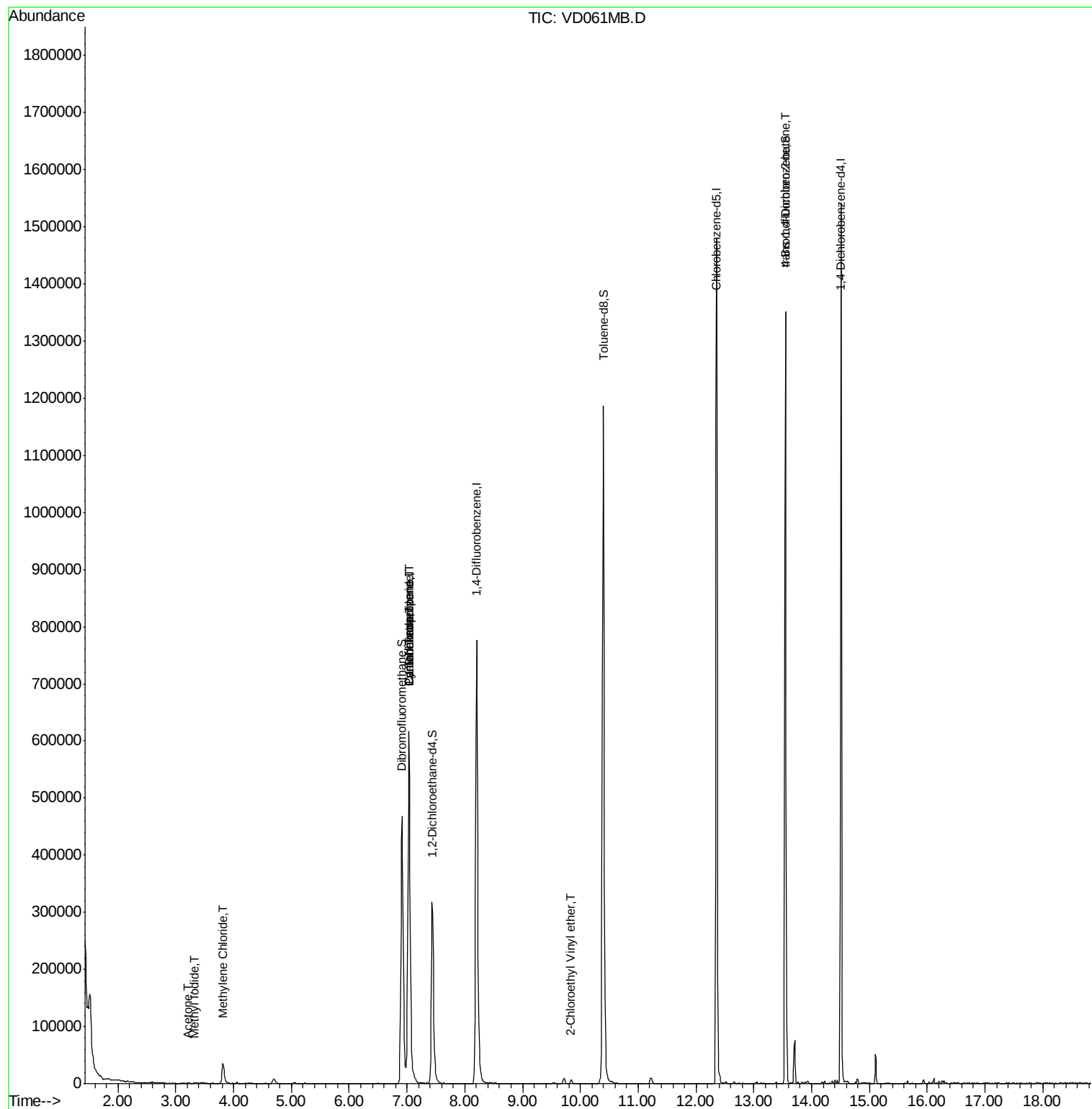
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	631329	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.20	114	994119	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.36	117	894639	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	400017	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	318037	58.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.94%	
35) Dibromofluoromethane	6.91	113	458900	60.41	ug/l	0.01
Spiked Amount 50.000			Recovery	=	120.82%	
50) Toluene-d8	10.40	98	1056478	57.98	ug/l	0.01
Spiked Amount 50.000			Recovery	=	115.96%	
62) 4-Bromofluorobenzene	13.55	95	424910	60.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.62%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	3.32	142	2131	3.631	ug/l #	87
16) Acetone	3.22	43	1395	1.006	ug/l #	48
20) Methylene Chloride	3.81	84	28212	1.781	ug/l	93
31) Cyclohexane	7.03	56	10612	1.142	ug/l #	1
36) 1,1-Dichloropropene	7.03	75	47115	5.430	ug/l #	46
38) Carbon Tetrachloride	7.03	117	59814	5.999	ug/l #	14
58) 2-Chloroethyl Vinyl ether	9.84	63	3576	1.471	ug/l	95
81) trans-1,4-Dichloro-2-buten	13.55	75	158990	90.242	ug/l #	18

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040119\
Data File : VD061MB.D
Acq On : 2 Apr 2019 2:35
Operator : VA/AP
Sample : VD0401SBL02
Misc : 5.00µl/5ml/MSVOA D/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 02 03:48:20 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: 7.03 min Scan# 570

Delta R.T. 0.01 min

Lab File: VD061MB.D

Acq: 2 Apr 2019 2:35

Instrument :

MSVOA_D

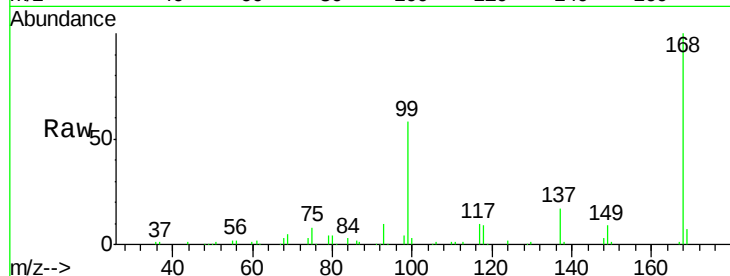
ClientSampleId :

Tot Ion:168 Resp: 631329

Ion Ratio Lower Upper

168 100

99 58.1 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

250000

200000

150000

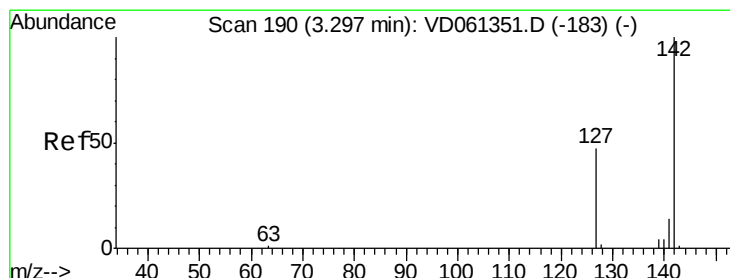
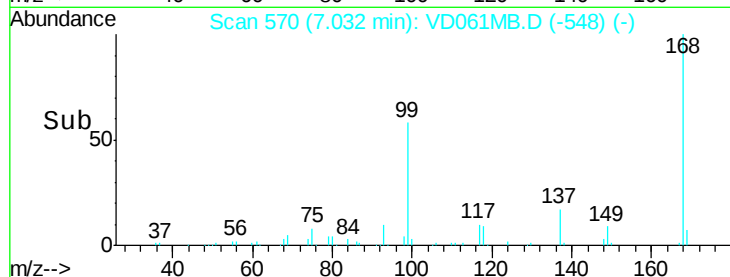
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#10

Methyl Iodide

Concen: 3.631 ug/l

RT: 3.32 min Scan# 193

Delta R.T. 0.02 min

Lab File: VD061MB.D

Acq: 2 Apr 2019 2:35

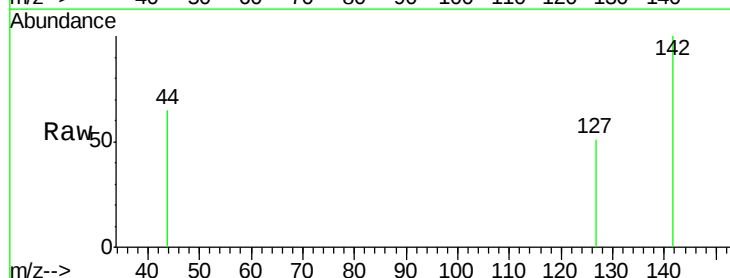
Tgt Ion:142 Resp: 2131

Ion Ratio Lower Upper

142 100

127 51.1 37.7 56.5

141 0.0 11.5 17.3#



Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

3.32

1000

800

600

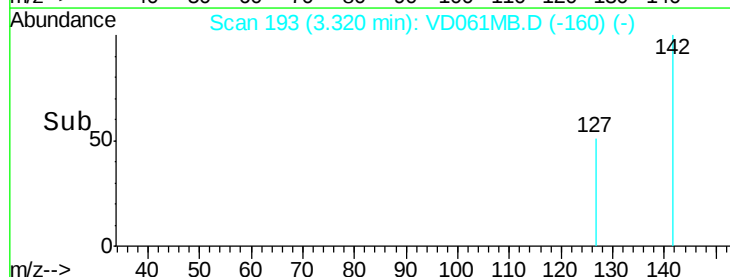
400

200

0

Time-->

3.25 3.30 3.35 3.40





#16

Acetone

Concen: 1.006 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.02 min

Lab File: VD061MB.D

Acq: 2 Apr 2019 2:35

Instrument :

MSVOA_D

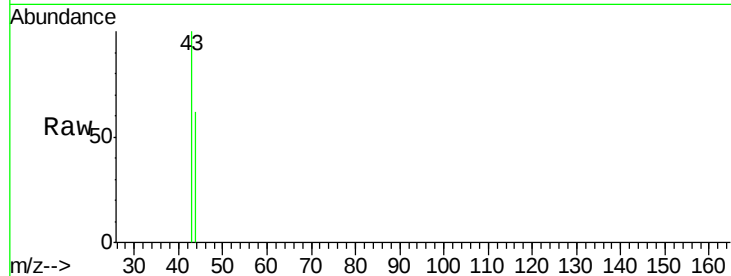
ClientSampleId :

Tot Ion: 43 Resp: 1395

Ion Ratio Lower Upper

43 100

58 0.0 21.5 32.3#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

800

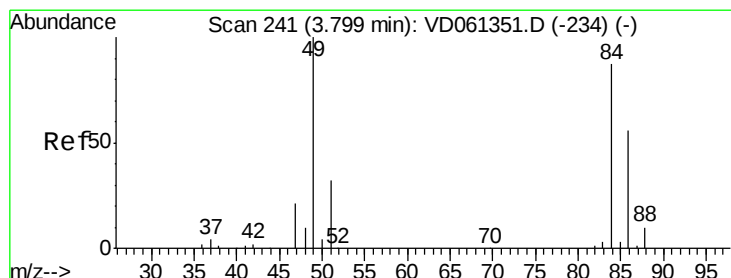
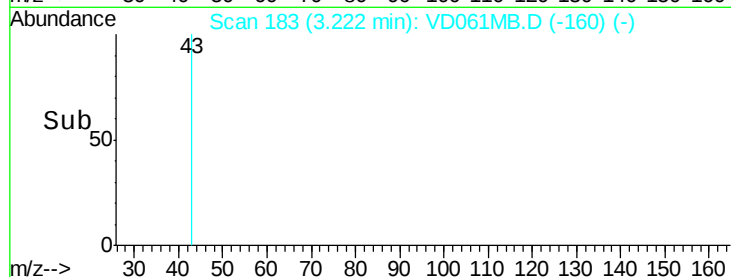
600

400

200

0

Time-->



#20

Methylene Chloride

Concen: 1.781 ug/l

RT: 3.81 min Scan# 243

Delta R.T. 0.01 min

Lab File: VD061MB.D

Acq: 2 Apr 2019 2:35

Tgt Ion: 84 Resp: 28212

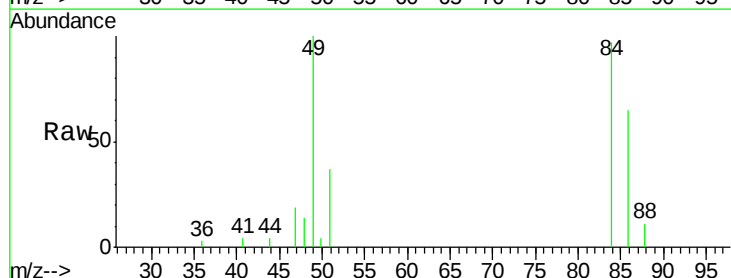
Ion Ratio Lower Upper

84 100

49 102.7 91.8 137.8

51 38.3 29.8 44.8

86 66.9 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

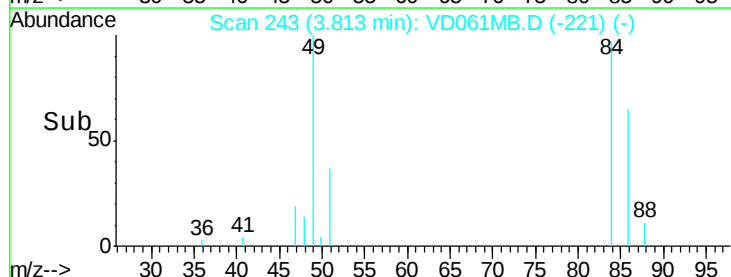
15000

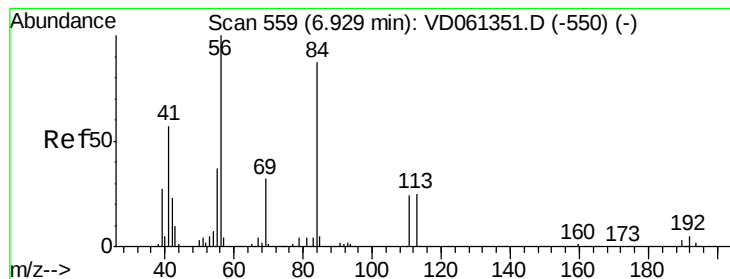
10000

5000

0

Time-->





#31

Cyclohexane

Concen: 1.142 ug/l

RT: 7.03 min Scan# 570

Delta R.T. 0.10 min

Lab File: VD061MB.D

Acq: 2 Apr 2019 2:35

Instrument :

MSVOA_D

ClientSampleId :

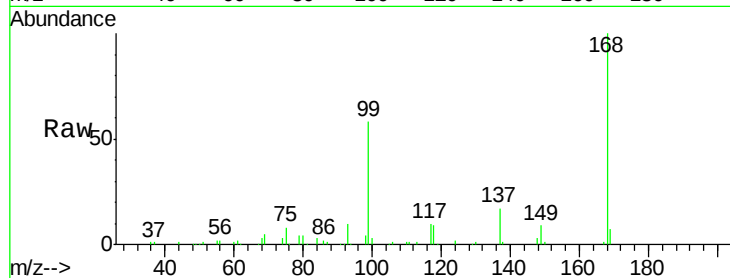
Tot Ion: 56 Resp: 10612

Ion Ratio Lower Upper

56 100

69 254.3 25.7 38.5#

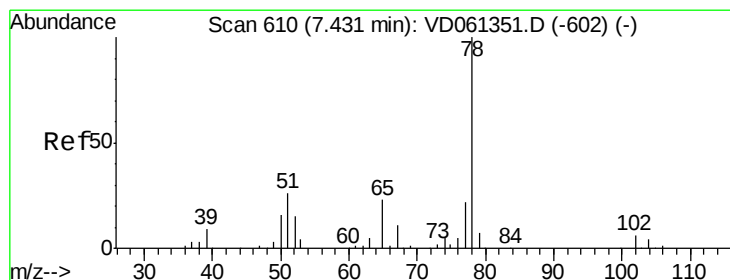
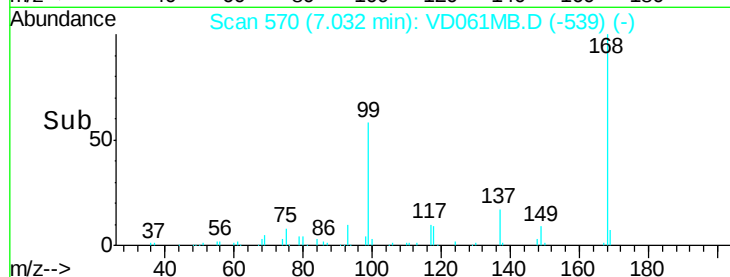
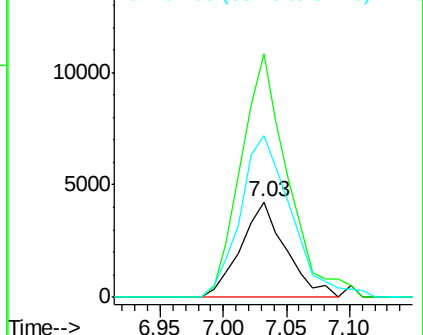
84 168.9 70.6 105.8#



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: 7.44 min Scan# 611

Delta R.T. 0.00 min

Lab File: VD061MB.D

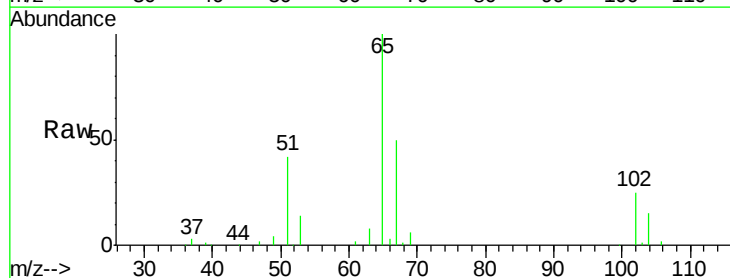
Acq: 2 Apr 2019 2:35

Tgt Ion: 65 Resp: 318037

Ion Ratio Lower Upper

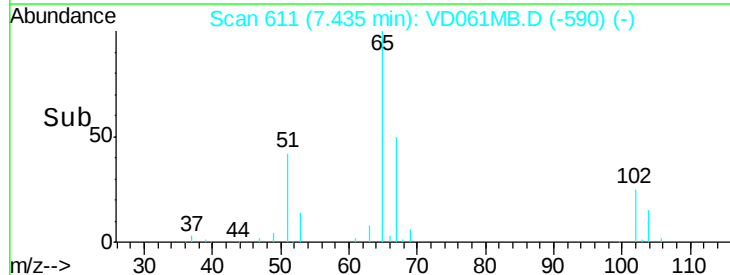
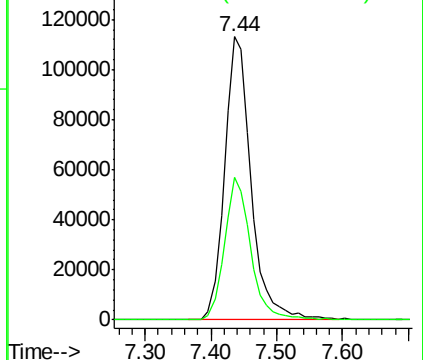
65 100

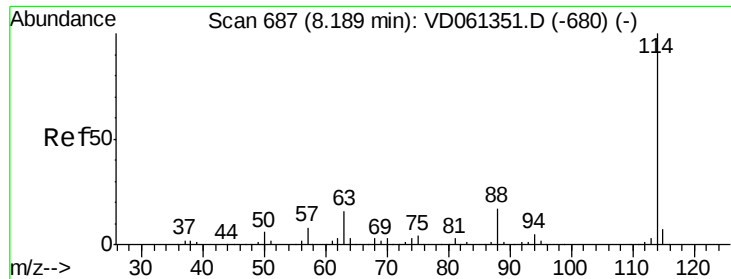
67 50.3 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

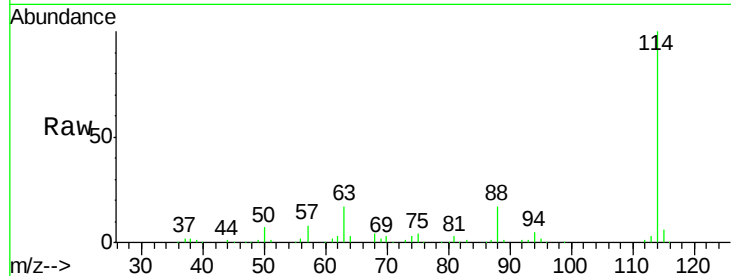




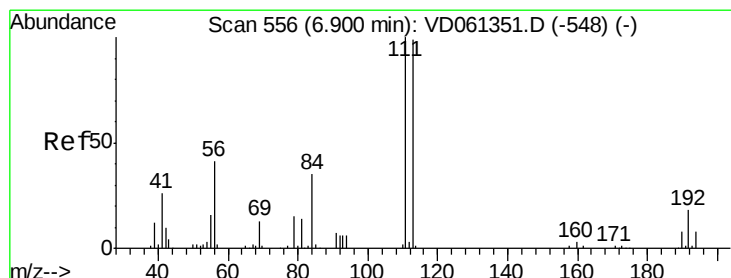
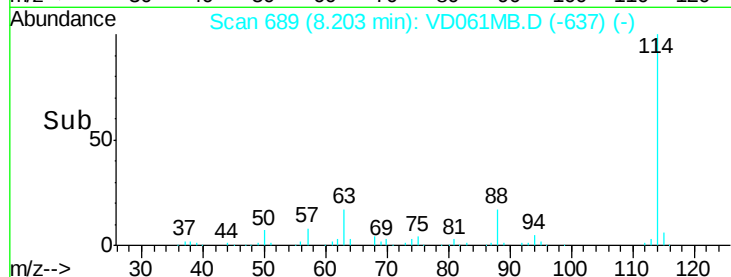
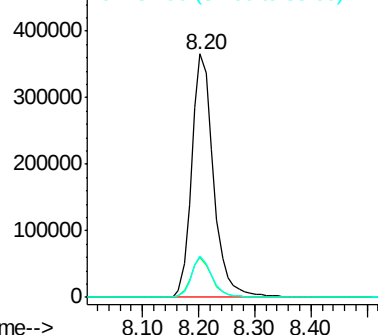
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 689
 Delta R.T. 0.01 min
 Lab File: VD061MB.D
 Acq: 2 Apr 2019 2:35

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 994119
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 31.6
 88 17.1 0.0 33.4

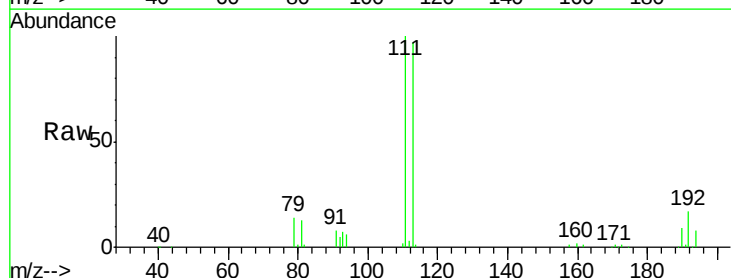


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

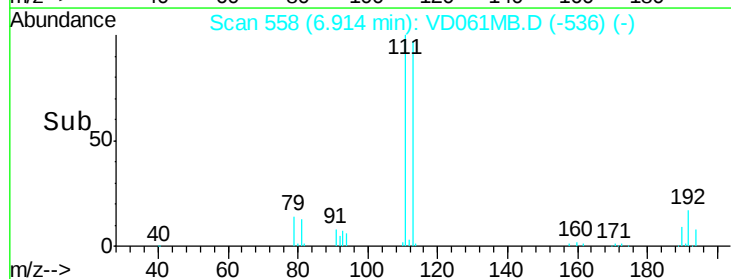
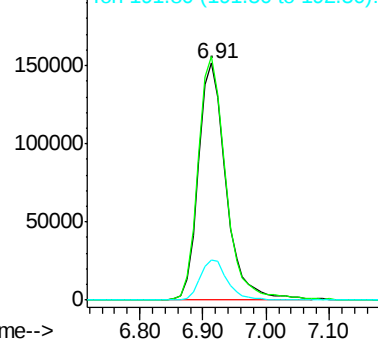


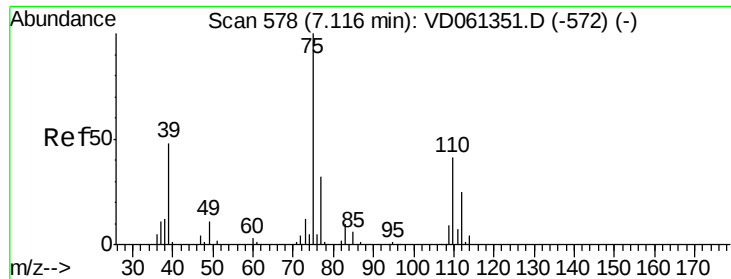
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 558
 Delta R.T. 0.01 min
 Lab File: VD061MB.D
 Acq: 2 Apr 2019 2:35

Tgt Ion:113 Resp: 458900
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.0 121.6
 192 17.1 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

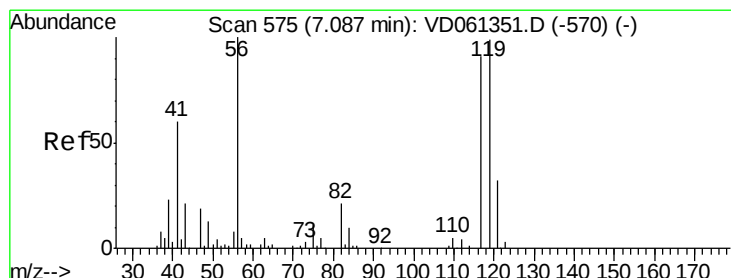
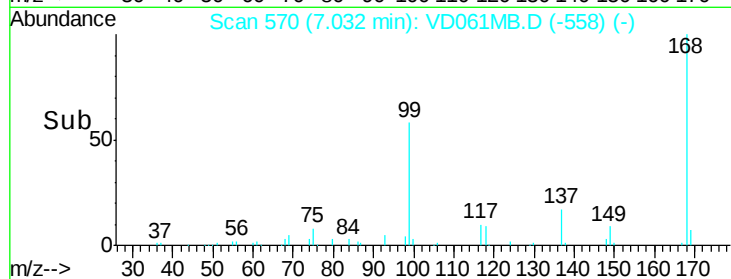
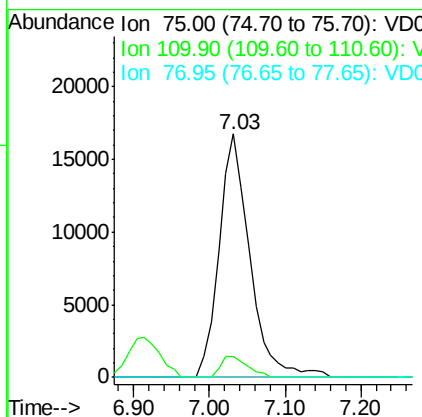
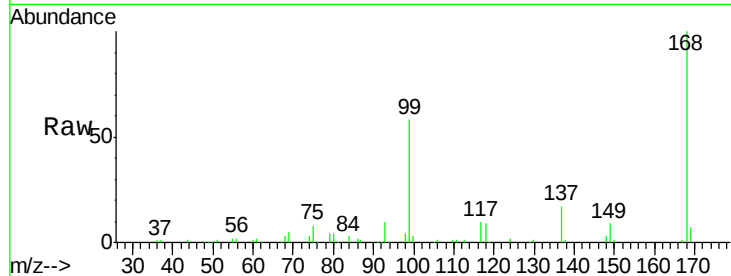




#36
 1,1-Dichloropropene
 Concen: 5.430 ug/l
 RT: 7.03 min Scan# 570
 Delta R.T. -0.08 min
 Lab File: VD061MB.D
 Acq: 2 Apr 2019 2:35

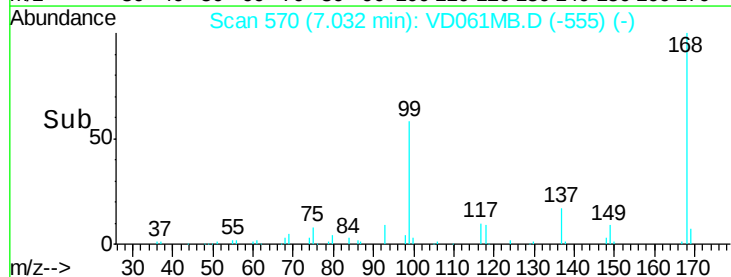
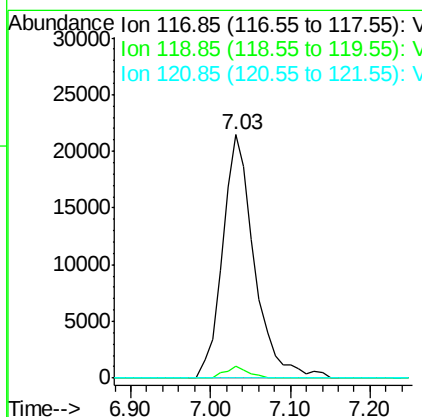
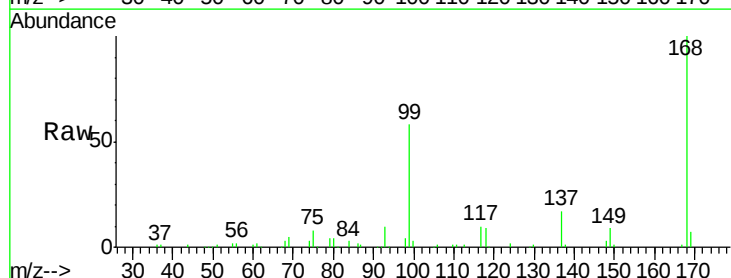
Instrument :
 MSVOA_D
 ClientSampleId :

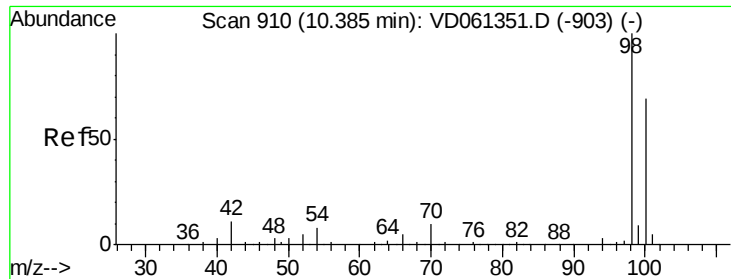
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.8	20.4	61.3#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 5.999 ug/l
 RT: 7.03 min Scan# 570
 Delta R.T. -0.06 min
 Lab File: VD061MB.D
 Acq: 2 Apr 2019 2:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.9	80.1	120.1#
121	0.0	25.6	38.4#

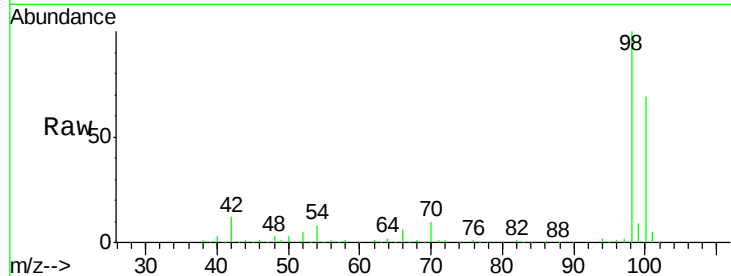




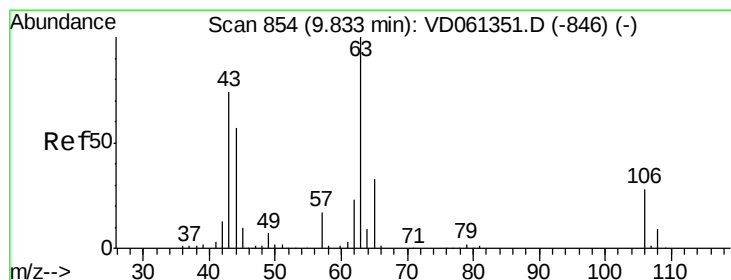
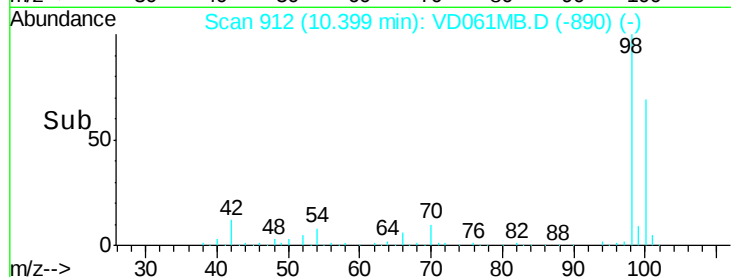
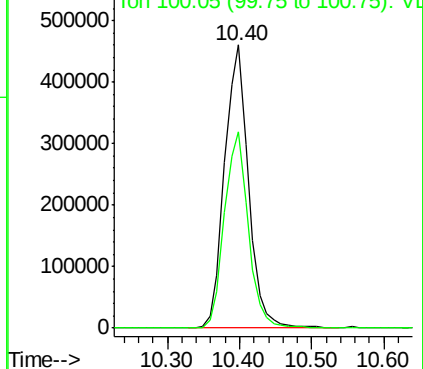
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.01 min
Lab File: VD061MB.D
Acq: 2 Apr 2019 2:35

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 98 Resp: 1056478
Ion Ratio Lower Upper
98 100
100 69.2 56.2 84.2

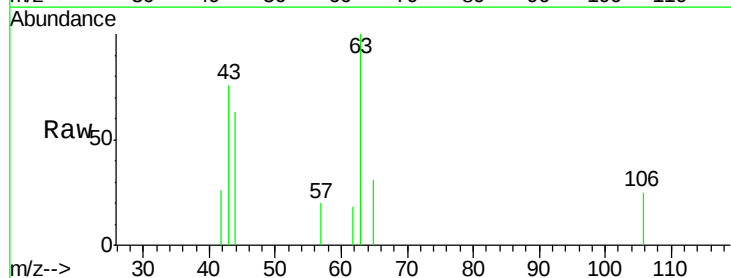


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

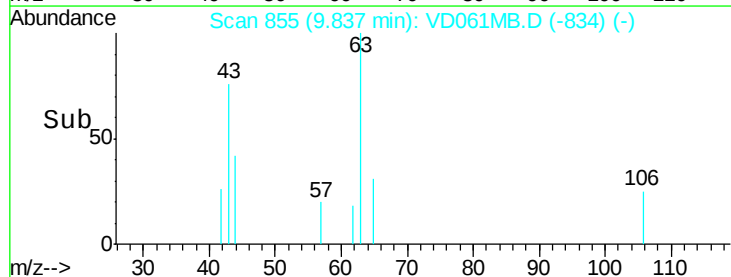
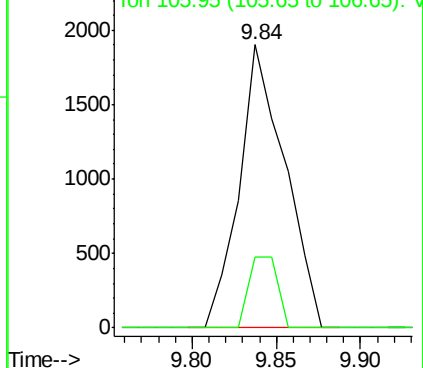


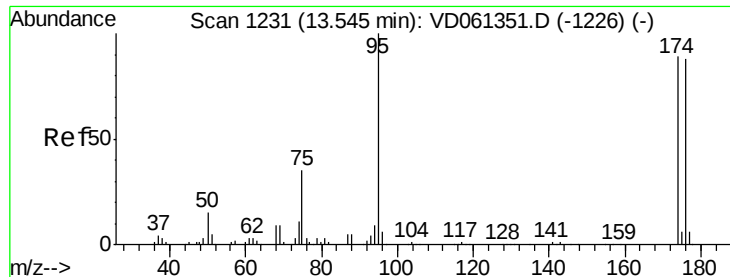
#58
2-Chloroethyl Vinyl ether
Concen: 1.471 ug/l
RT: 9.84 min Scan# 855
Delta R.T. 0.00 min
Lab File: VD061MB.D
Acq: 2 Apr 2019 2:35

Tgt Ion: 63 Resp: 3576
Ion Ratio Lower Upper
63 100
106 25.2 22.4 33.6



Abundance Ion 62.95 (62.65 to 63.65): VD0
Ion 105.95 (105.65 to 106.65): V

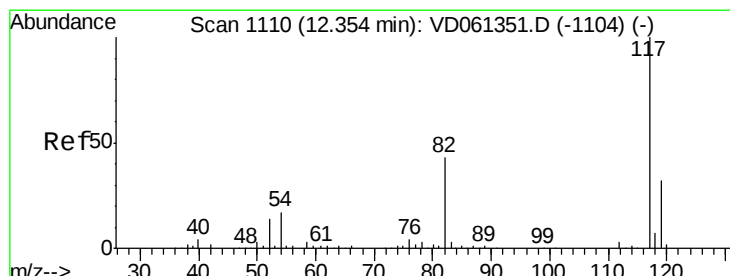
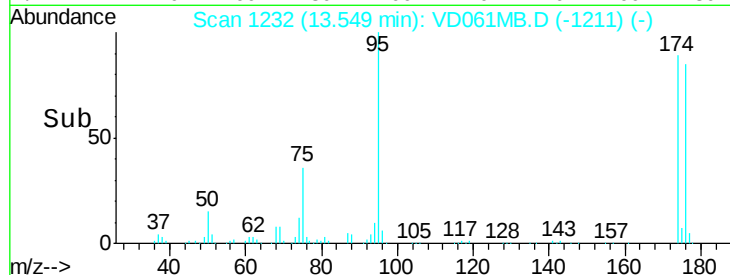
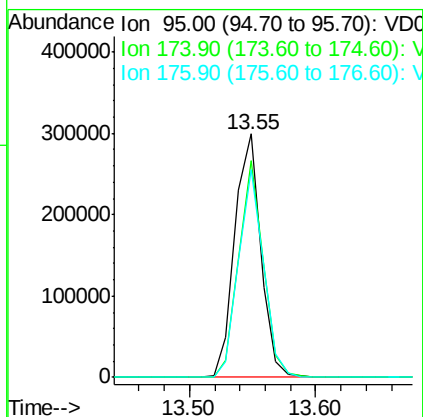
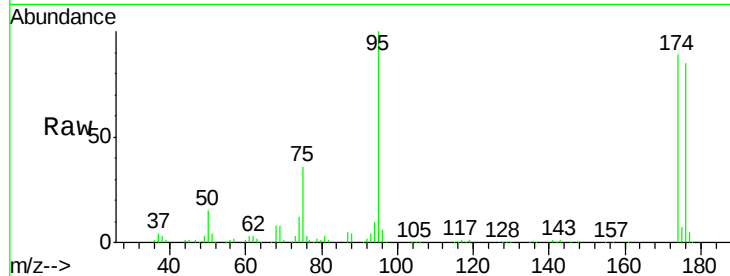




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD061MB.D
Acq: 2 Apr 2019 2:35

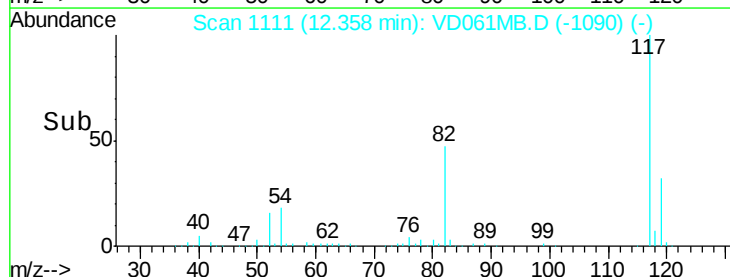
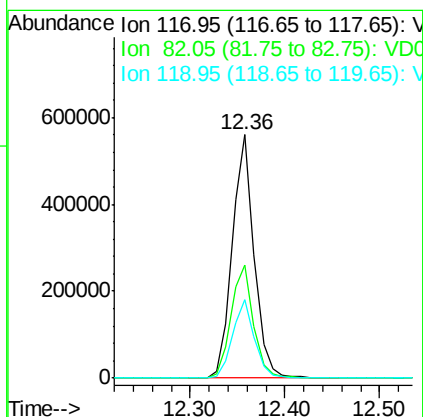
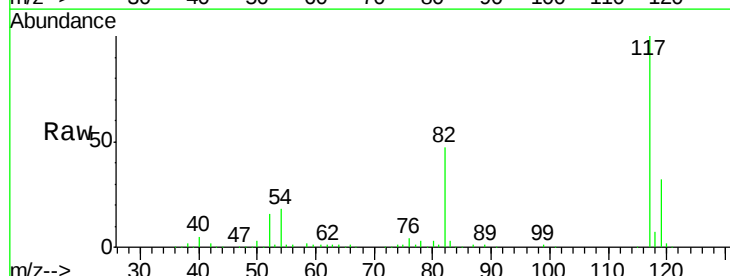
Instrument :
MSVOA_D
ClientSampleId :

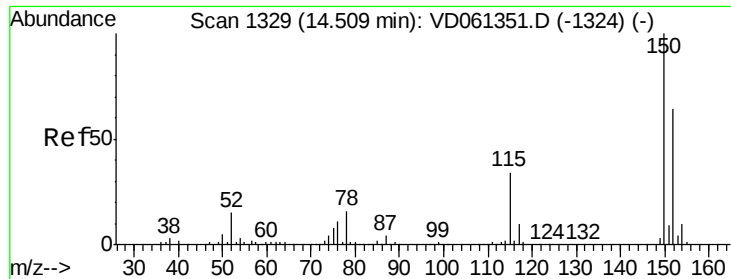
Tot Ion: 95 Resp: 424910
Ion Ratio Lower Upper
95 100
174 88.8 0.0 178.0
176 85.1 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD061MB.D
Acq: 2 Apr 2019 2:35

Tgt Ion: 117 Resp: 894639
Ion Ratio Lower Upper
117 100
82 46.6 34.4 51.6
119 32.2 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VD061MB.D

Acq: 2 Apr 2019 2:35

Instrument :

MSVOA_D

ClientSampleId :

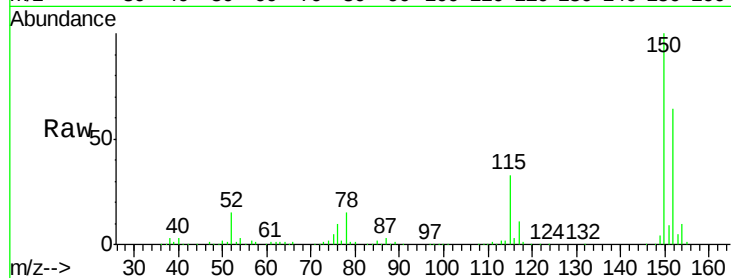
Tot Ion:152 Resp: 400017

Ion Ratio Lower Upper

152 100

115 51.8 26.9 80.6

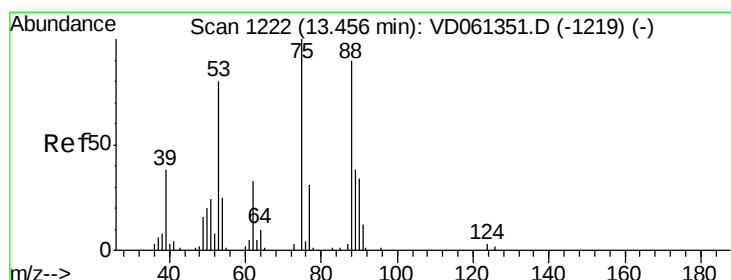
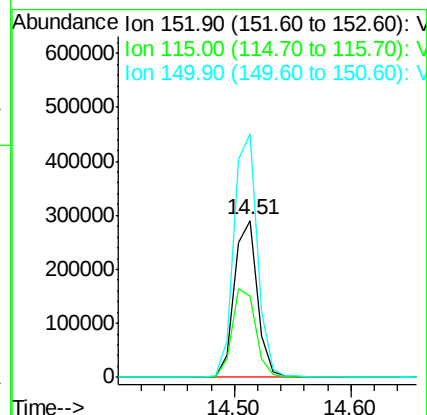
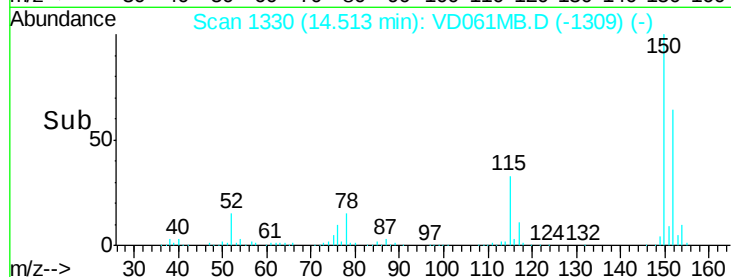
150 155.1 0.0 318.0



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: 90.242 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.09 min

Lab File: VD061MB.D

Acq: 2 Apr 2019 2:35

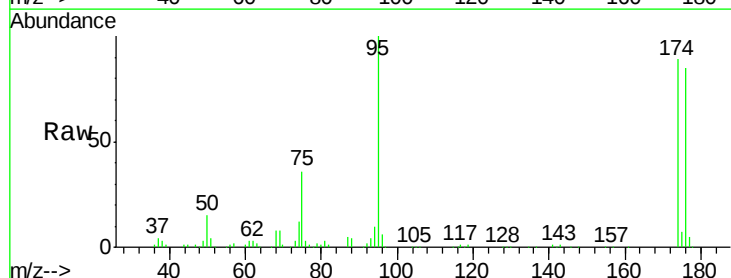
Tgt Ion: 75 Resp: 158990

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

