

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032019\
 Data File : VD061201.D
 Acq On : 20 Mar 2019 11:53
 Operator : VA/AP
 Sample : VD0320SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 22 01:57:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

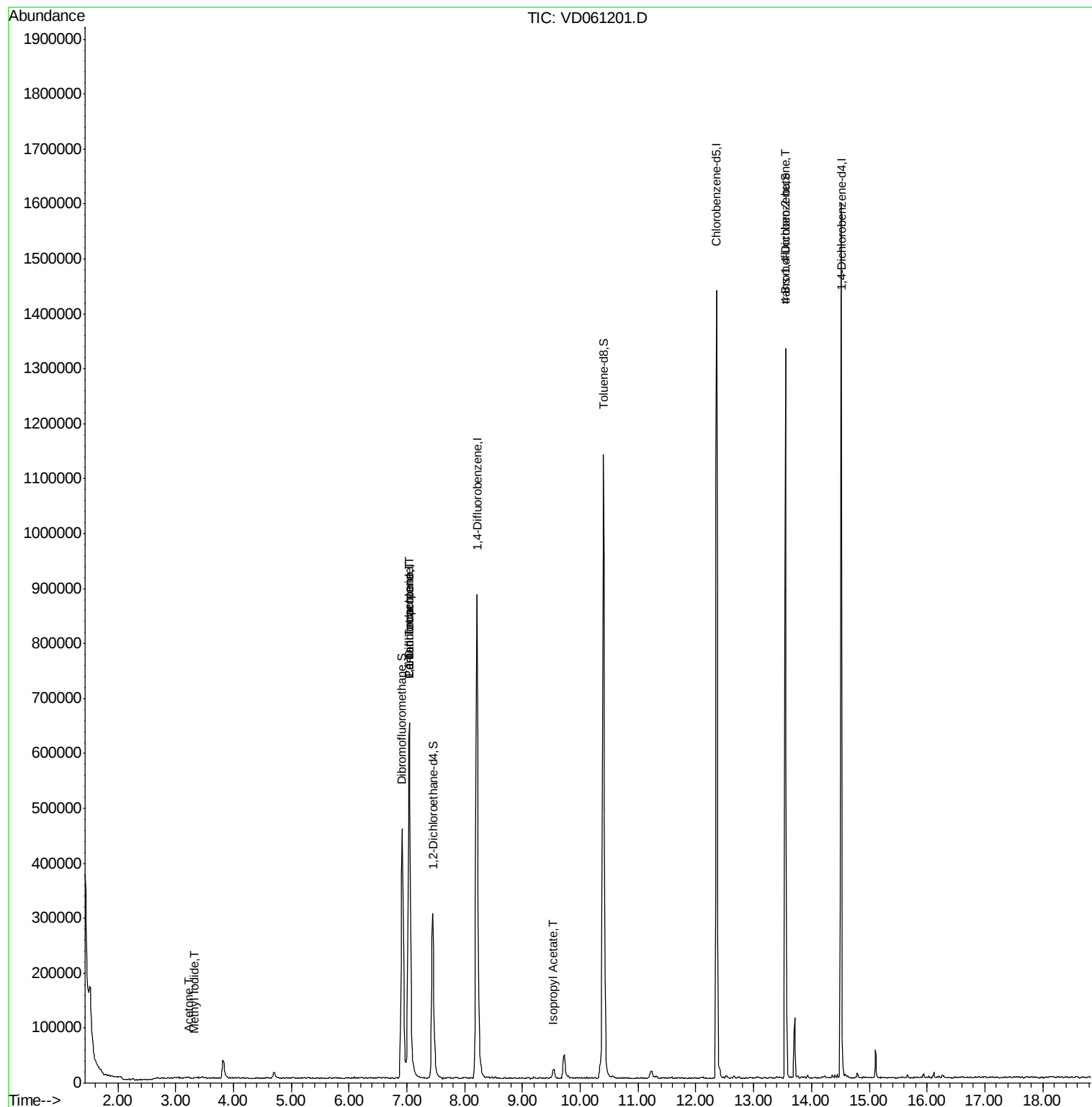
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	704623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1174172	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	930133	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	432892	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	287947	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.18%	
35) Dibromofluoromethane	6.91	113	451164	51.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.56%	
50) Toluene-d8	10.40	98	1040865	47.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.14%	
62) 4-Bromofluorobenzene	13.55	95	415058	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.76%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	3.33	142	4293	3.274	ug/l #	83
16) Acetone	3.23	43	1878	1.120	ug/l #	48
20) Methylene Chloride	3.81	84	27461	Below Cal	#	85
36) 1,1-Dichloropropene	7.03	75	51251	5.064	ug/l #	47
38) Carbon Tetrachloride	7.04	117	68599	6.153	ug/l #	15
43) Isopropyl Acetate	9.54	43	13572	2.063	ug/l #	43
81) trans-1,4-Dichloro-2-buten	13.55	75	155049	84.444	ug/l #	17

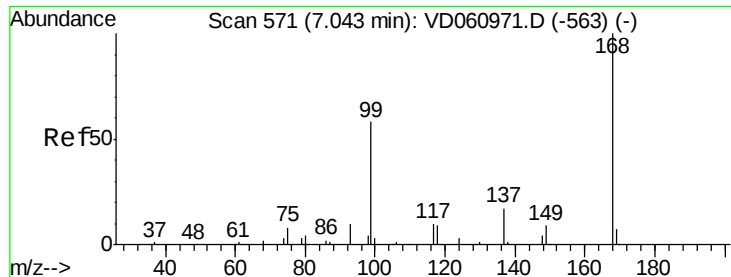
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032019\
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Acq On : 20 Mar 2019 11:53
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Misc : 5.00µl/5ml/MSVOA D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Mar 22 01:57:54 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.00 min

Lab File: VD061201.D

Acq: 20 Mar 2019 11:53

Instrument :

MSVOA_D

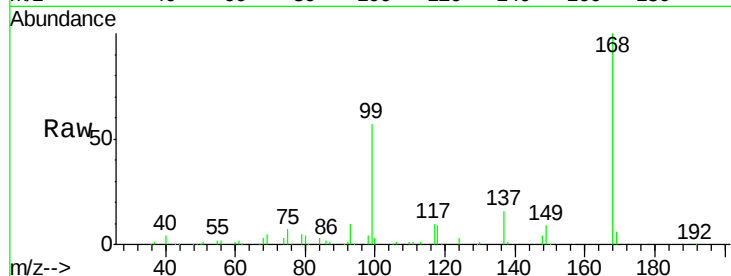
ClientSampleId :

Tot Ion:168 Resp: 704623

Ion Ratio Lower Upper

168 100

99 57.4 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): V

7.04

250000

200000

150000

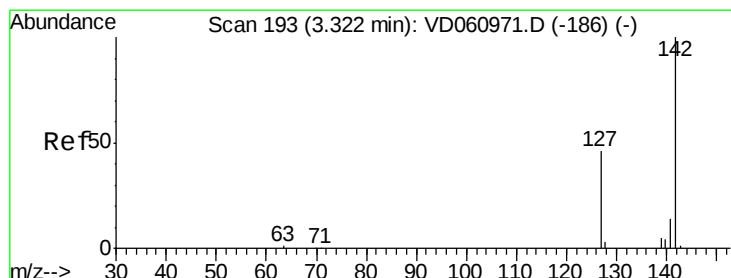
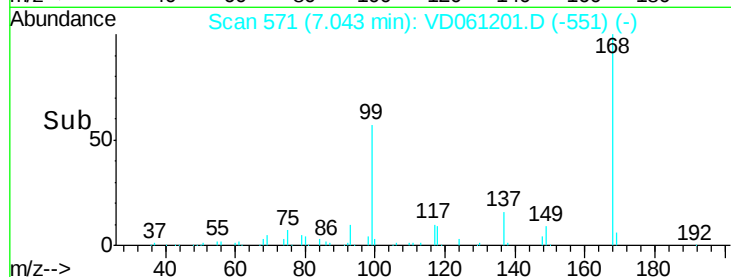
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#10

Methyl Iodide

Concen: 3.274 ug/l

RT: 3.33 min Scan# 194

Delta R.T. 0.01 min

Lab File: VD061201.D

Acq: 20 Mar 2019 11:53

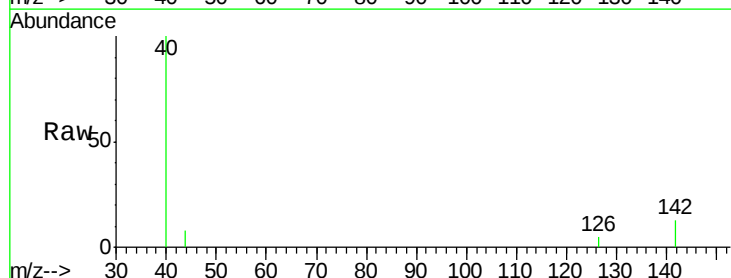
Tgt Ion:142 Resp: 4293

Ion Ratio Lower Upper

142 100

127 38.2 36.8 55.2

141 0.0 11.2 16.8#



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

3.33

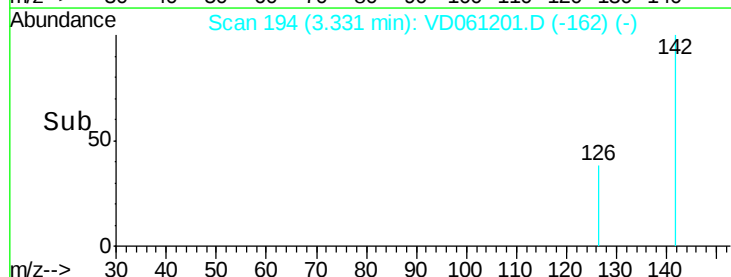
1000

500

0

3.30 3.40

Time-->

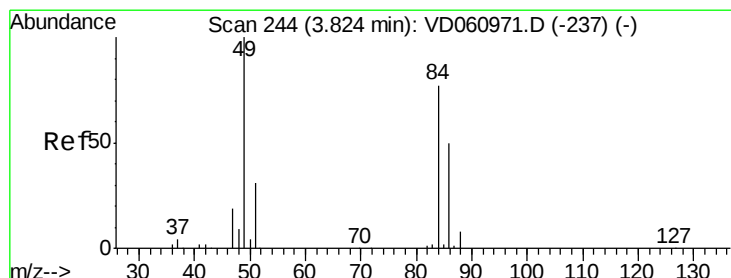
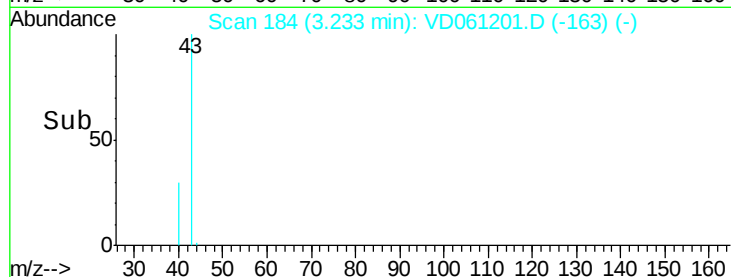
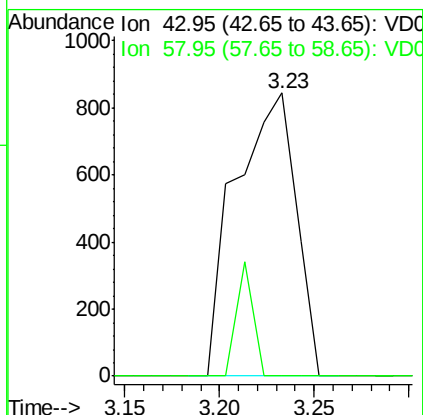
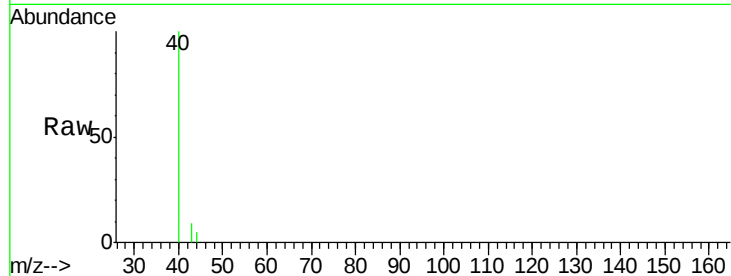




#16
Acetone
Concen: 1.120 ug/l
RT: 3.23 min Scan# 184
Delta R.T. 0.01 min
Lab File: VD061201.D
Acq: 20 Mar 2019 11:53

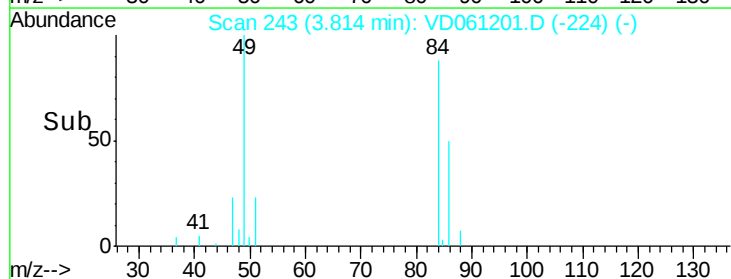
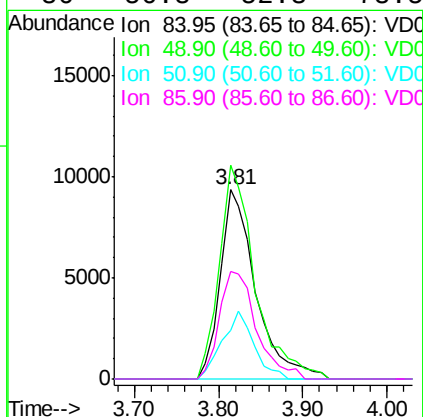
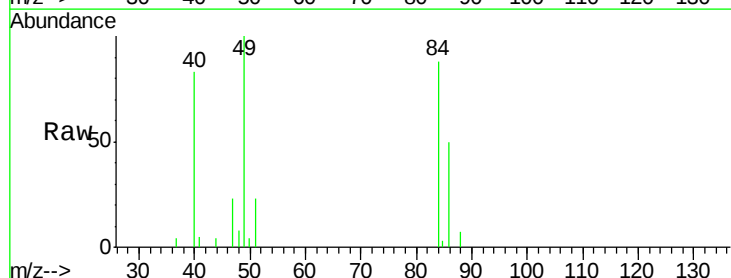
Instrument :
MSVOA_D
ClientSampleId :

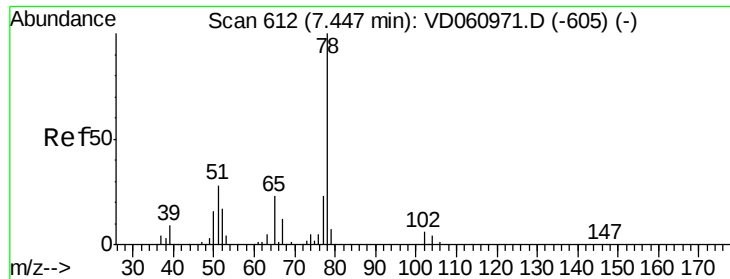
Tot Ion: 43 Resp: 1878
Ion Ratio Lower Upper
43 100
58 0.0 21.6 32.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 3.81 min Scan# 243
Delta R.T. -0.01 min
Lab File: VD061201.D
Acq: 20 Mar 2019 11:53

Tgt Ion: 84 Resp: 27461
Ion Ratio Lower Upper
84 100
49 113.0 104.2 156.2
51 25.9 32.3 48.5#
86 56.8 52.3 78.5





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.00 min

Lab File: VD061201.D

Acq: 20 Mar 2019 11:53

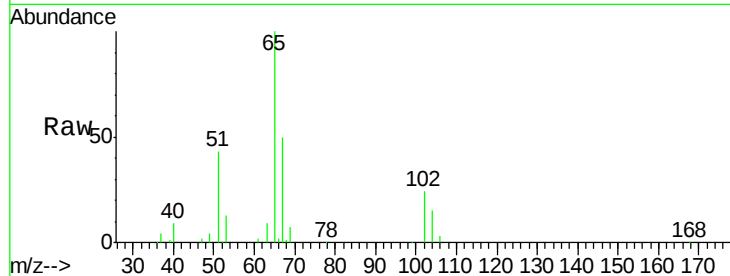
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 65 Resp: 287947

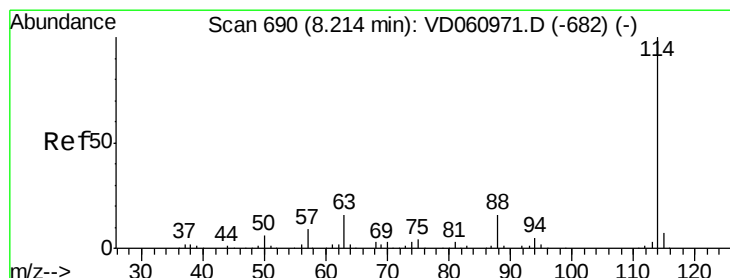
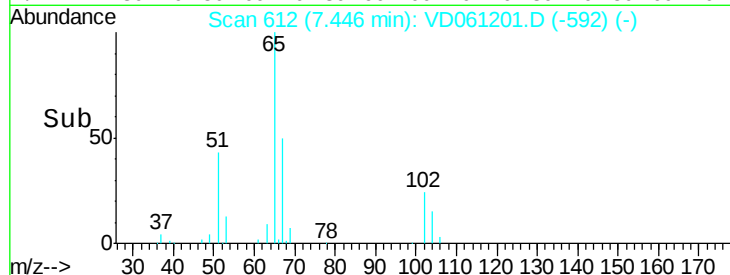
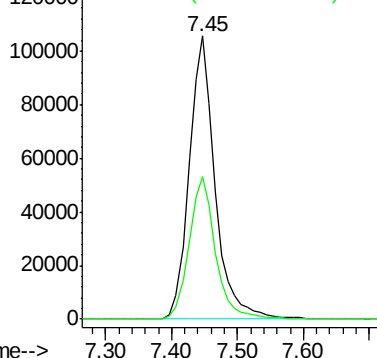
Ion Ratio Lower Upper

65 100

67 50.3 0.0 105.2



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: 8.21 min Scan# 690

Delta R.T. -0.00 min

Lab File: VD061201.D

Acq: 20 Mar 2019 11:53

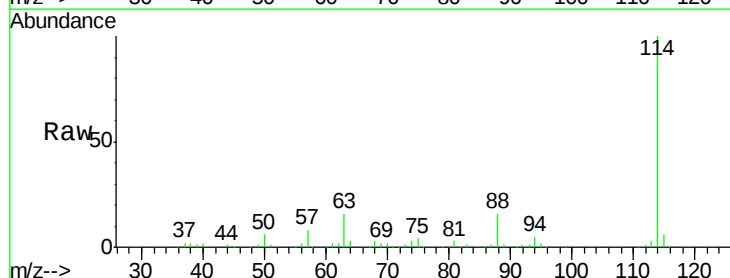
Tgt Ion: 114 Resp: 1174172

Ion Ratio Lower Upper

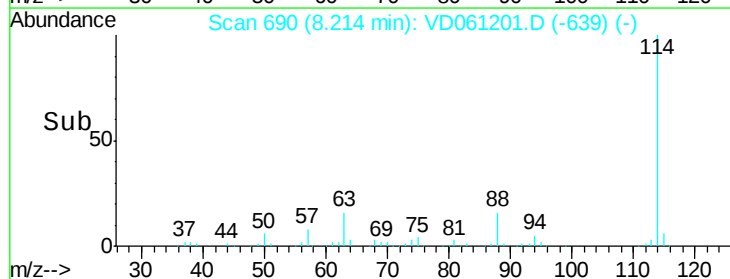
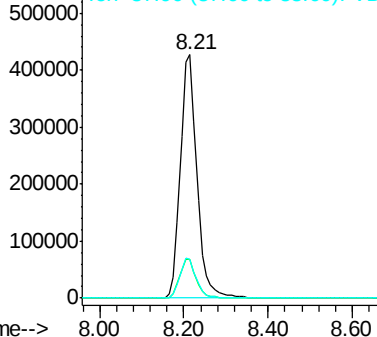
114 100

63 15.8 0.0 31.4

88 16.1 0.0 33.0



Abundance Ion 114.00 (113.70 to 114.70): VDC
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: 6.91 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD061201.D

Acq: 20 Mar 2019 11:53

Instrument :

MSVOA_D

ClientSampleId :

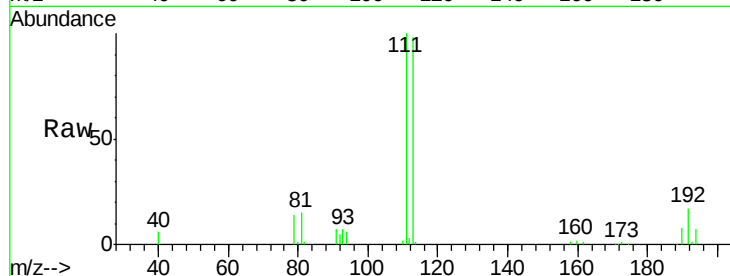
Tot Ion:113 Resp: 451164

Ion Ratio Lower Upper

113 100

111 102.5 84.2 126.4

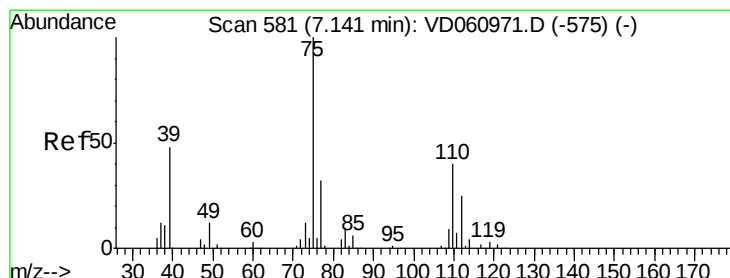
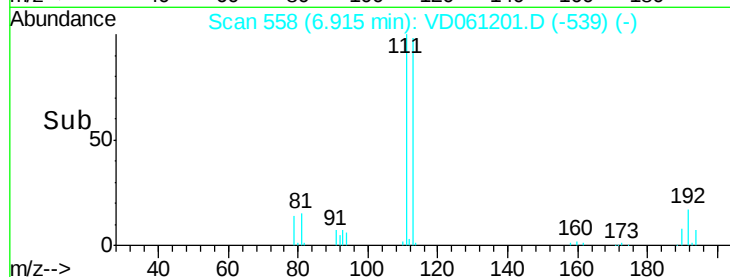
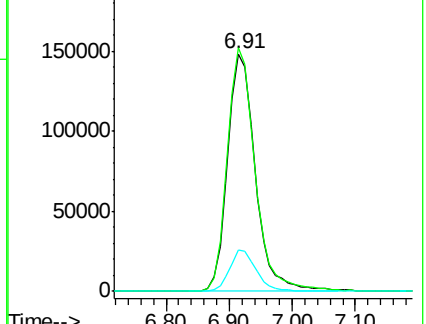
192 17.4 13.1 19.7



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: 5.064 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.11 min

Lab File: VD061201.D

Acq: 20 Mar 2019 11:53

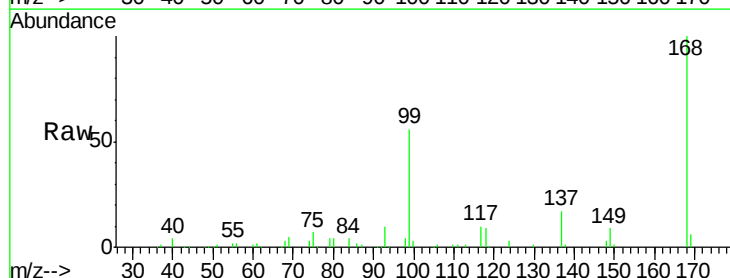
Tgt Ion: 75 Resp: 51251

Ion Ratio Lower Upper

75 100

110 8.3 19.7 59.1#

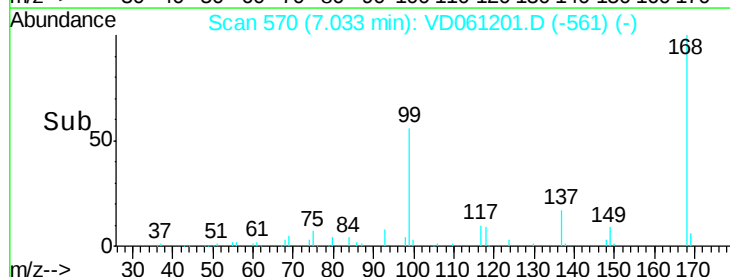
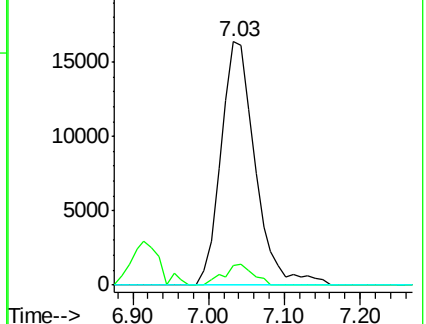
77 0.0 24.7 37.1#

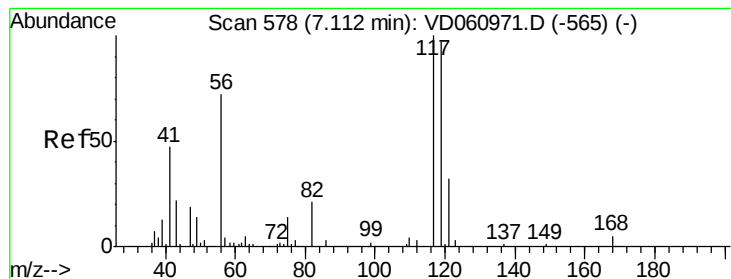


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V





#38

Carbon Tetrachloride

Concen: 6.153 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.07 min

Lab File: VD061201.D

Acq: 20 Mar 2019 11:53

Instrument :

MSVOA_D

ClientSampleId :

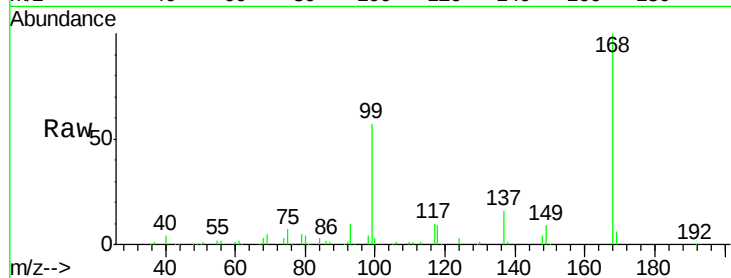
Tot Ion:117 Resp: 68599

Ion Ratio Lower Upper

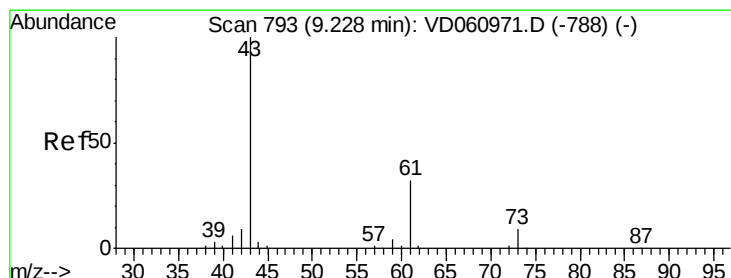
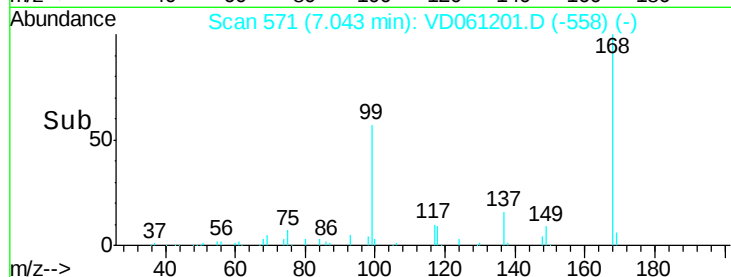
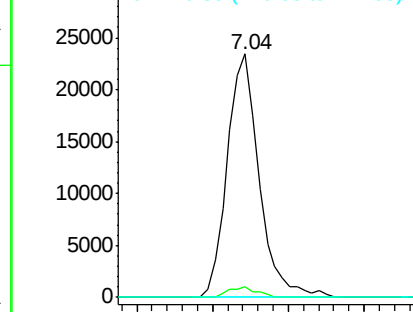
117 100

119 4.3 77.8 116.8#

121 0.0 25.3 37.9#



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



#43

Isopropyl Acetate

Concen: 2.063 ug/l

RT: 9.54 min Scan# 825

Delta R.T. 0.31 min

Lab File: VD061201.D

Acq: 20 Mar 2019 11:53

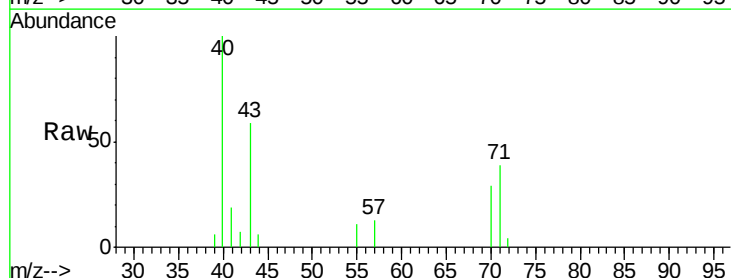
Tgt Ion: 43 Resp: 13572

Ion Ratio Lower Upper

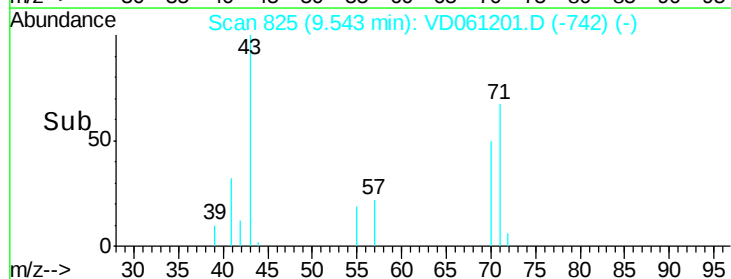
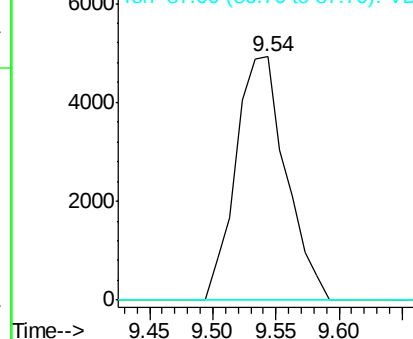
43 100

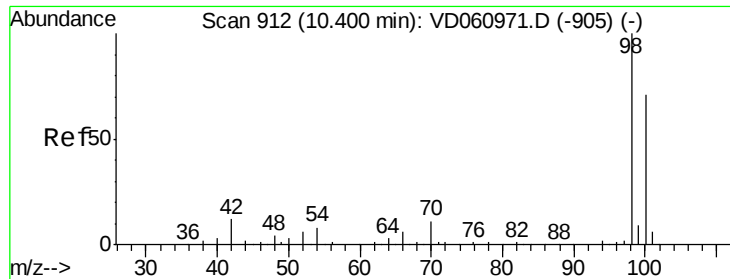
61 0.0 25.6 38.4#

87 0.0 0.2 0.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 87.00 (86.70 to 87.70): VDC

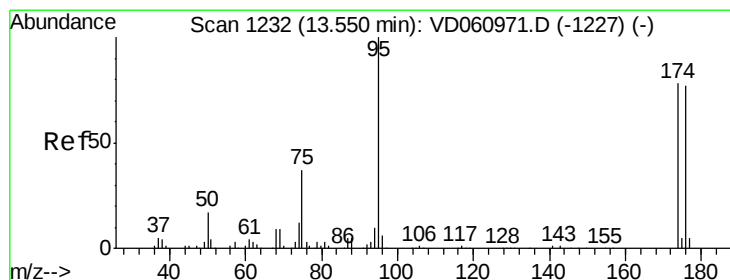
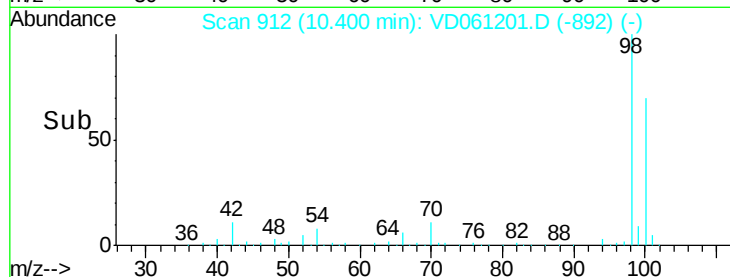
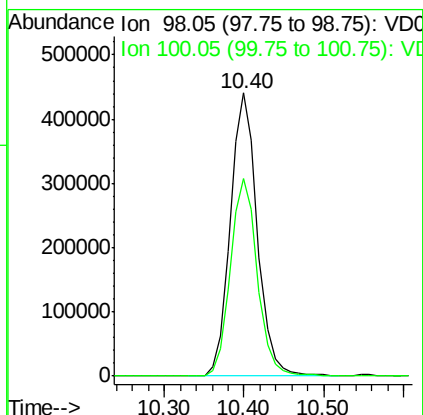
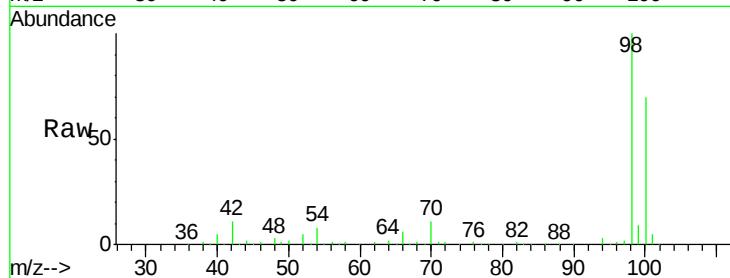




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.00 min
Lab File: VD061201.D
Acq: 20 Mar 2019 11:53

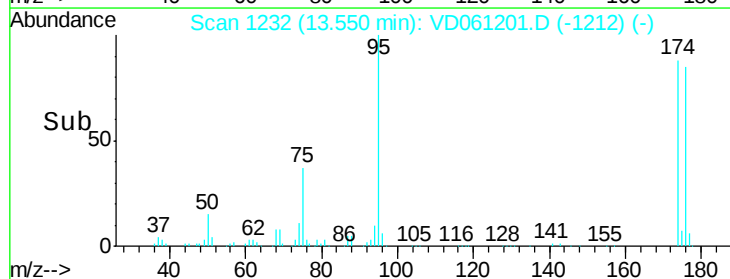
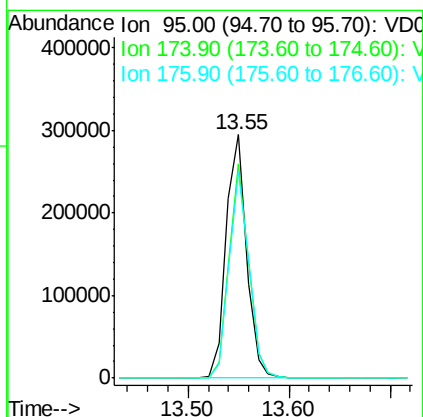
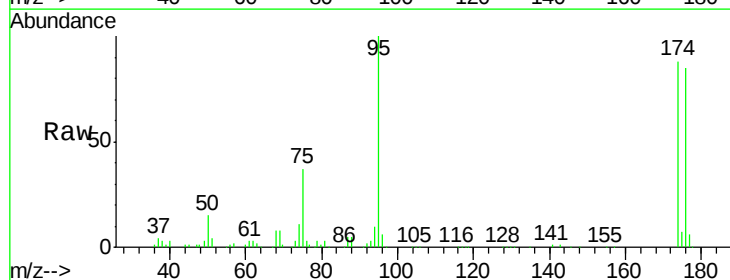
Instrument :
MSVOA_D
ClientSampled :

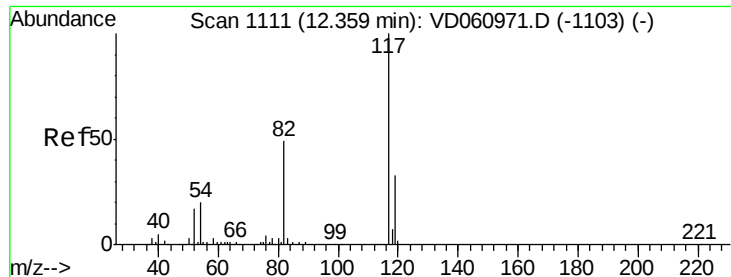
Tot Ion: 98 Resp: 1040865
Ion Ratio Lower Upper
98 100
100 69.8 57.4 86.2



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD061201.D
Acq: 20 Mar 2019 11:53

Tgt Ion: 95 Resp: 415058
Ion Ratio Lower Upper
95 100
174 87.9 0.0 155.6
176 85.0 0.0 153.8

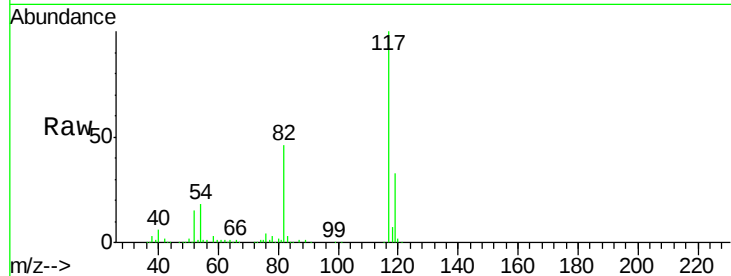




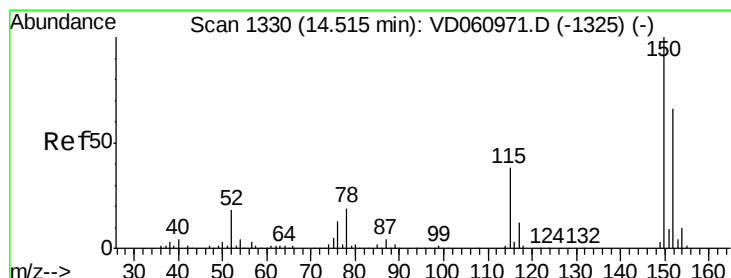
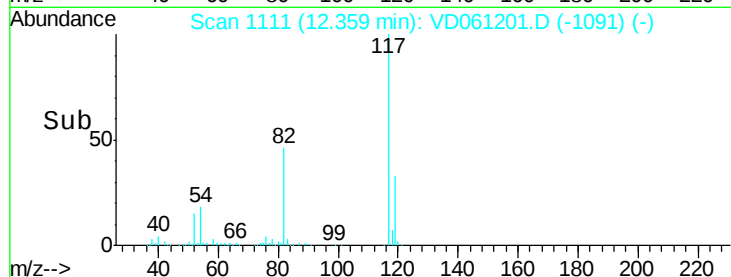
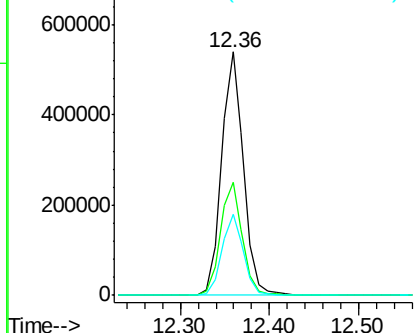
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD061201.D
Acq: 20 Mar 2019 11:53

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 930133
Ion Ratio Lower Upper
117 100
82 46.2 38.9 58.3
119 33.5 26.6 39.8

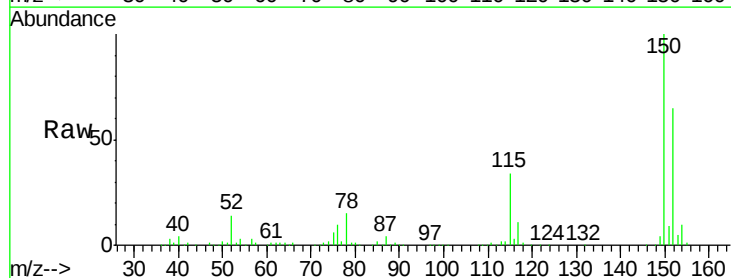


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

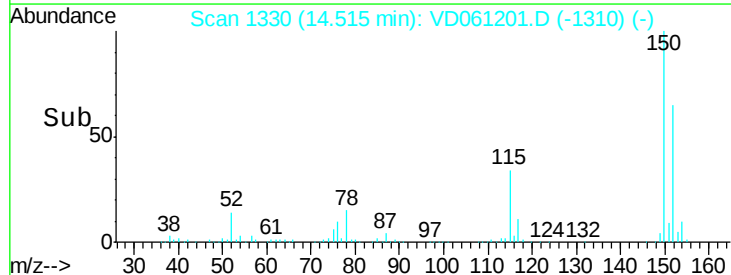
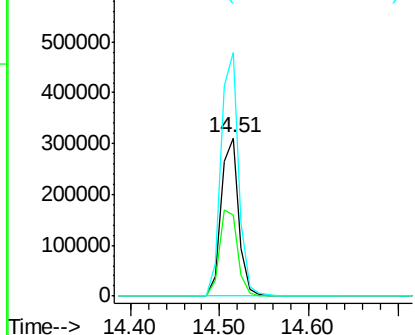


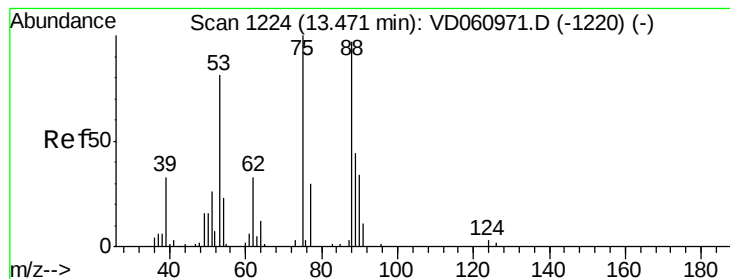
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD061201.D
Acq: 20 Mar 2019 11:53

Tgt Ion:152 Resp: 432892
Ion Ratio Lower Upper
152 100
115 51.6 28.6 85.9
150 154.0 0.0 310.6



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: 84.444 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.08 min

Lab File: VD061201.D

Acq: 20 Mar 2019 11:53

Instrument :

MSVOA_D

ClientSampleId :

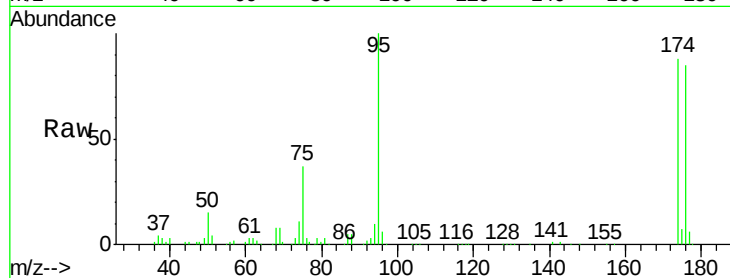
Tot Ion: 75 Resp: 155049

Ion Ratio Lower Upper

75 100

53 0.0 64.4 96.6#

89 0.0 34.8 52.2#



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

