

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031419\
 Data File : VD061059.D
 Acq On : 14 Mar 2019 12:28
 Operator : VA/AP
 Sample : VD0314SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0314SBL01

Quant Time: Mar 15 02:10:12 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

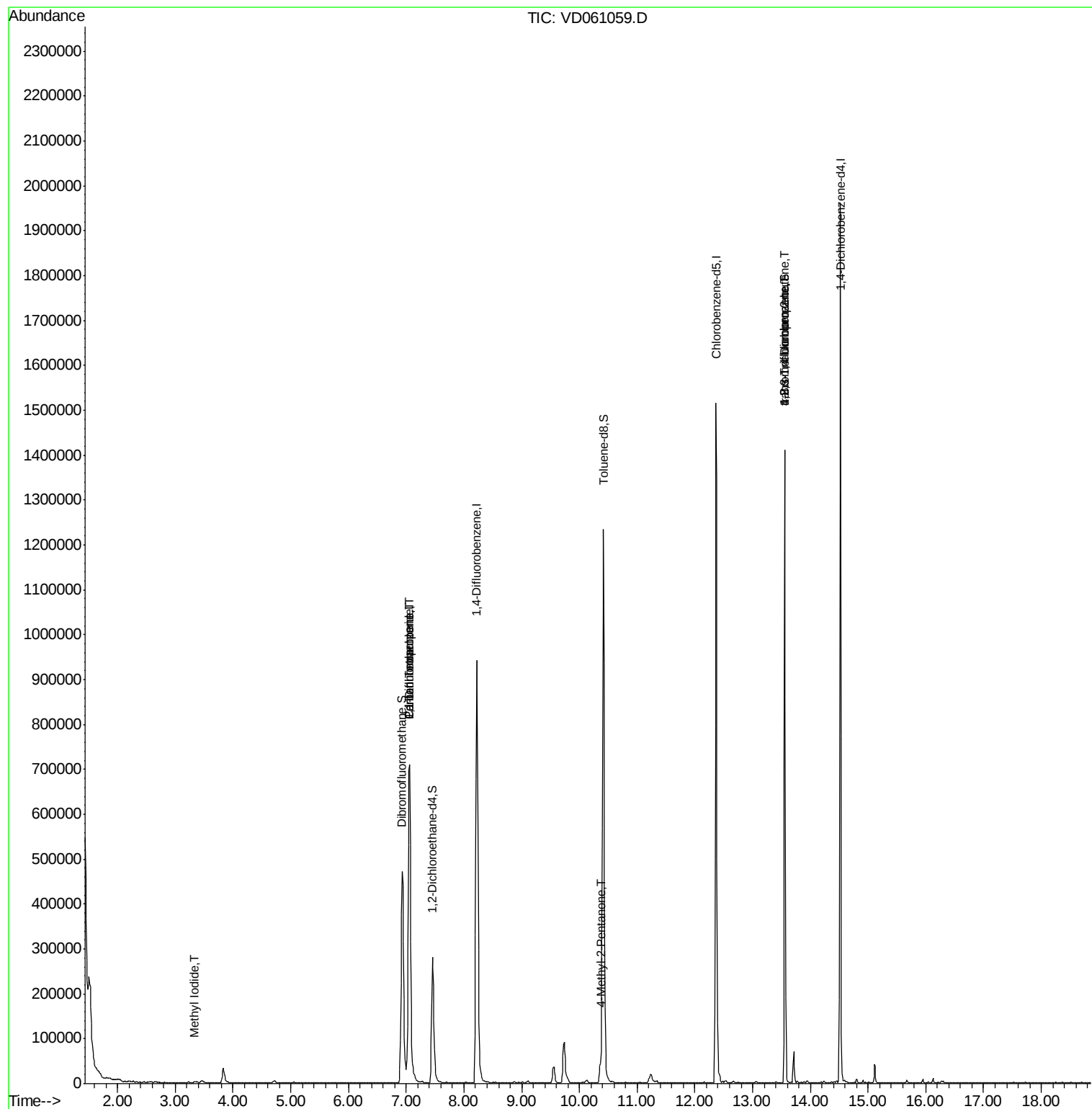
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	764550	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	1210125	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1014937	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	458916	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	276651	43.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.94%	
35) Dibromofluoromethane	6.93	113	470198	52.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.72%	
50) Toluene-d8	10.41	98	1098832	48.72	ug/l	0.02
Spiked Amount	50.000		Recovery	=	97.44%	
62) 4-Bromofluorobenzene	13.56	95	440450	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	3.34	142	4684	3.276	ug/l #	88
20) Methylene Chloride	3.83	84	24064	Below Cal		97
36) 1,1-Dichloropropene	7.05	75	55524	5.323	ug/l #	45
38) Carbon Tetrachloride	7.05	117	71398	6.214	ug/l #	15
51) 4-Methyl-2-Pentanone	10.37	43	7008	1.687	ug/l	88
76) 1,2,3-Trichloropropane	13.56	75	112829	17.089	ug/l #	44
81) trans-1,4-Dichloro-2-buten	13.56	75	160943	82.683	ug/l #	17

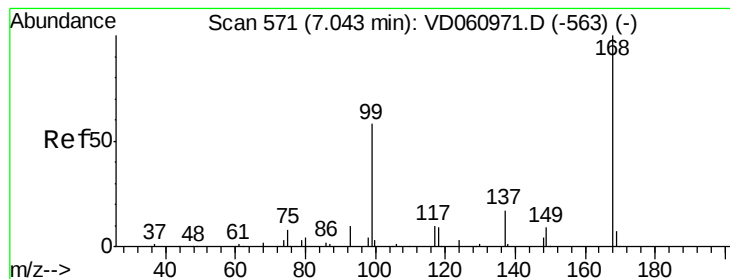
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD031419\
Data File : VD061059.D
Acq On : 14 Mar 2019 12:28
Operator : VA/AP
Sample : VD0314SBL01
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0314SBL01

Quant Time: Mar 15 02:10:12 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: 7.06 min Scan# 572

Delta R.T. 0.02 min

Lab File: VD061059.D

Acq: 14 Mar 2019 12:28

Instrument :

MSVOA_D

ClientSampleId :

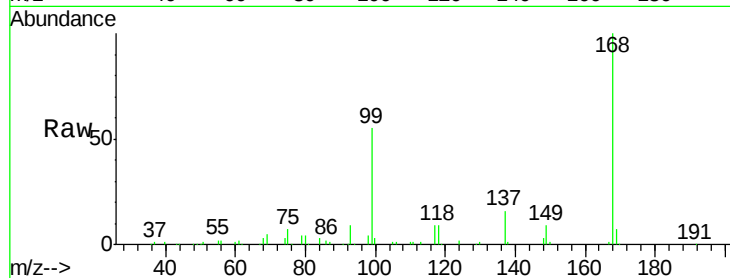
VD0314SBL01

Tot Ion:168 Resp: 764550

Ion Ratio Lower Upper

168 100

99 55.4 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): V

7.06

250000

200000

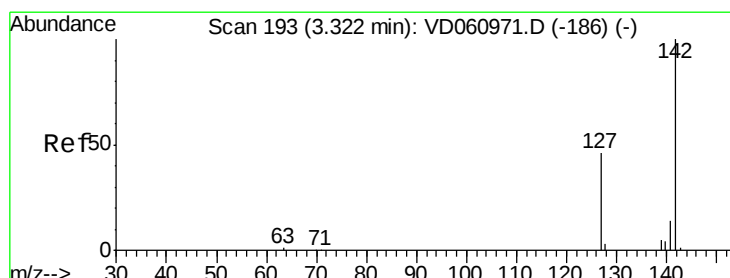
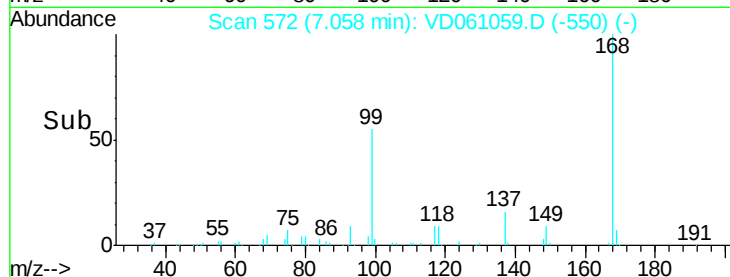
150000

100000

50000

0

Time-->



#10

Methyl Iodide

Concen: 3.276 ug/l

RT: 3.34 min Scan# 194

Delta R.T. 0.02 min

Lab File: VD061059.D

Acq: 14 Mar 2019 12:28

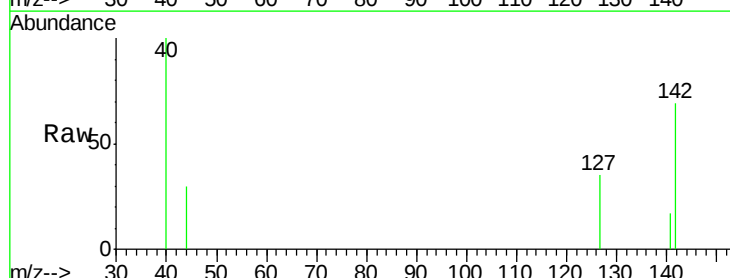
Tgt Ion:142 Resp: 4684

Ion Ratio Lower Upper

142 100

127 51.0 36.8 55.2

141 24.0 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

3.34

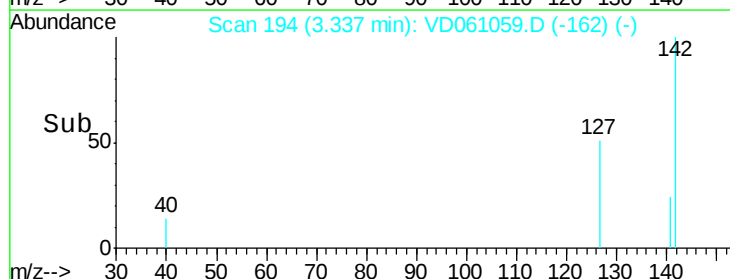
1500

1000

500

0

Time-->

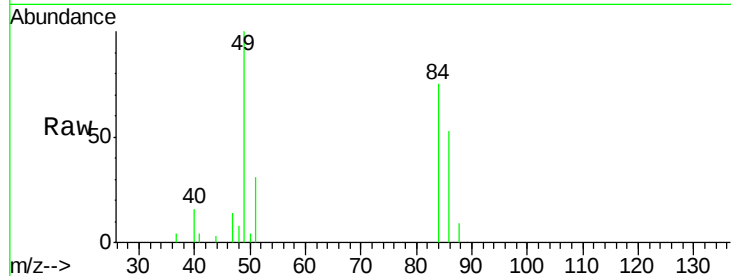




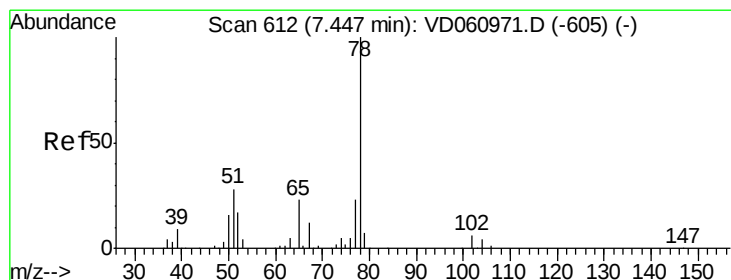
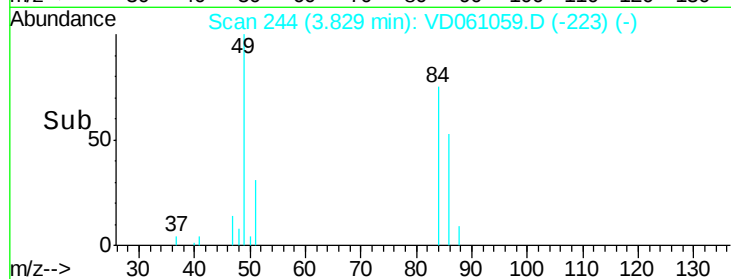
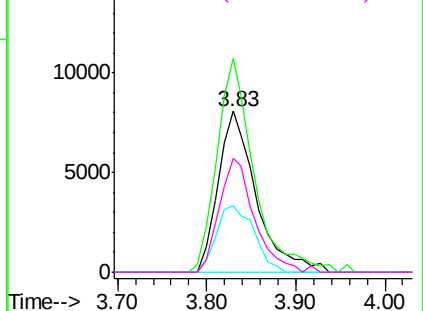
#20
Methylene Chloride
Concen: Below Cal
RT: 3.83 min Scan# 244
Delta R.T. 0.01 min
Lab File: VD061059.D
Acq: 14 Mar 2019 12:28

Instrument :
MSVOA_D
ClientSampleId :
VD0314SBL01

Tot Ion: 84 Resp: 24064
Ion Ratio Lower Upper
84 100
49 132.8 104.2 156.2
51 41.3 32.3 48.5
86 70.8 52.3 78.5

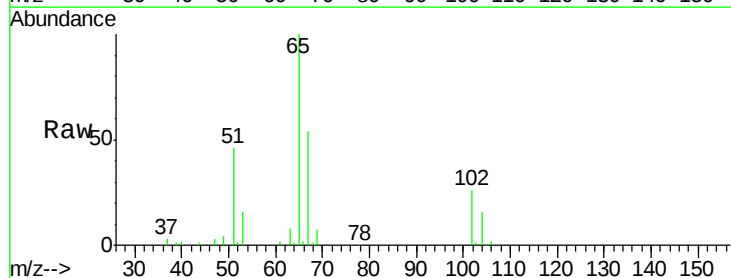


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

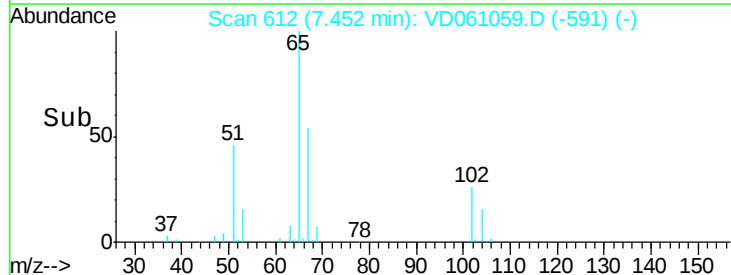
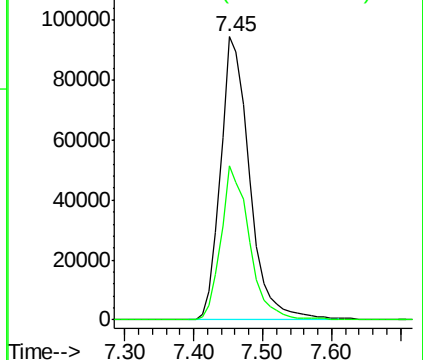


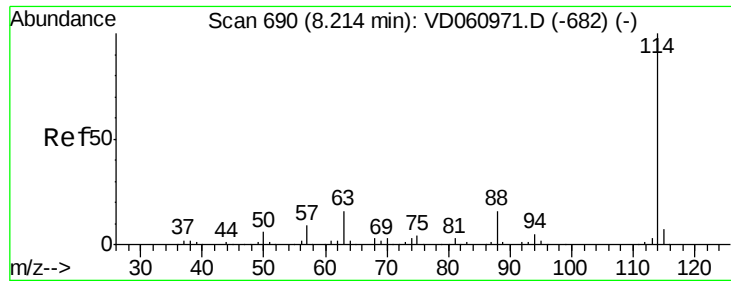
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.01 min
Lab File: VD061059.D
Acq: 14 Mar 2019 12:28

Tgt Ion: 65 Resp: 276651
Ion Ratio Lower Upper
65 100
67 54.4 0.0 105.2



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

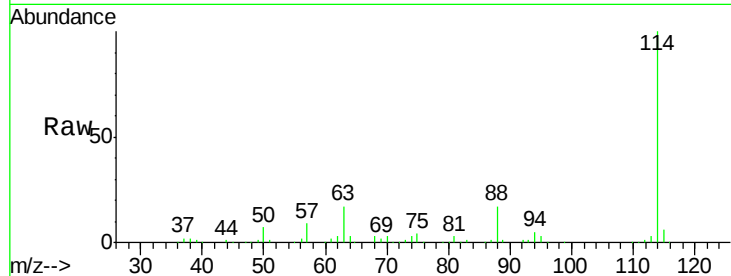




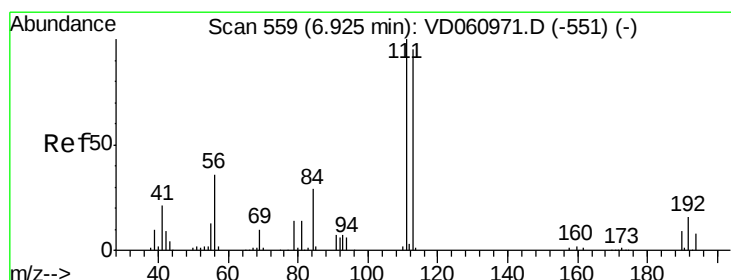
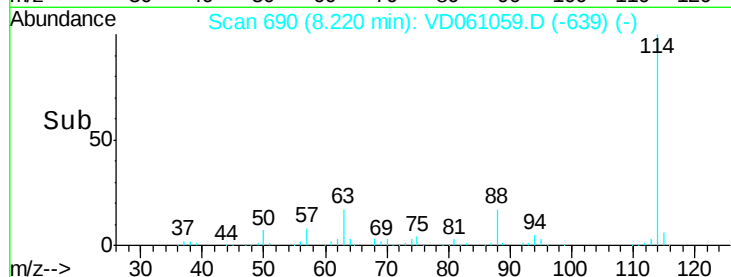
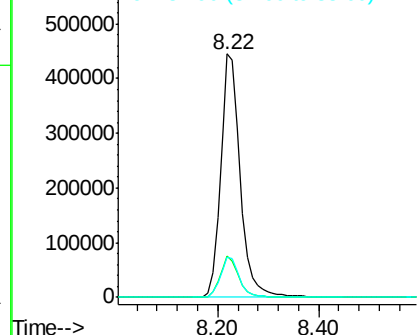
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.01 min
 Lab File: VD061059.D
 Acq: 14 Mar 2019 12:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0314SBL01

Tot Ion:114 Resp: 1210125
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 31.4
 88 16.6 0.0 33.0

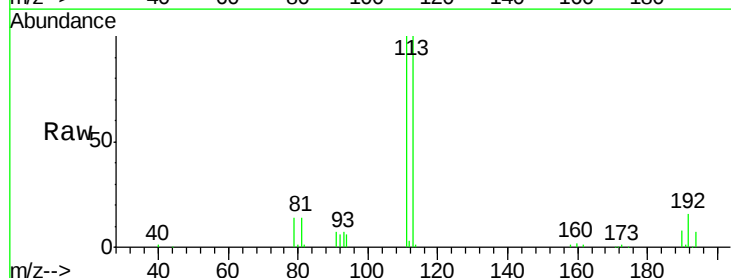


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

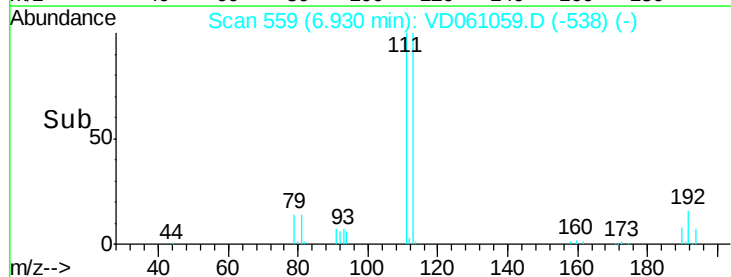
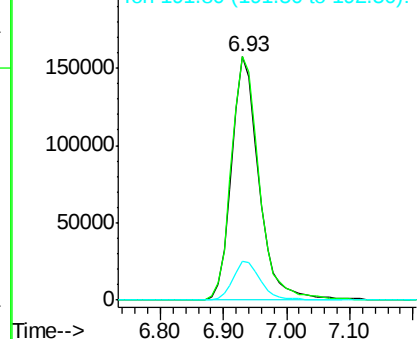


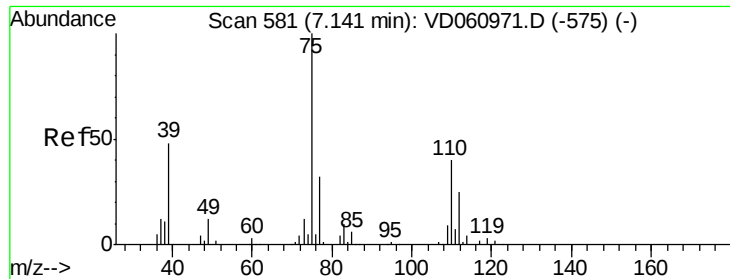
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.01 min
 Lab File: VD061059.D
 Acq: 14 Mar 2019 12:28

Tgt Ion:113 Resp: 470198
 Ion Ratio Lower Upper
 113 100
 111 100.1 84.2 126.4
 192 15.9 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: 5.323 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.09 min

Lab File: VD061059.D

Acq: 14 Mar 2019 12:28

Instrument :

MSVOA_D

ClientSampleId :

VD0314SBL01

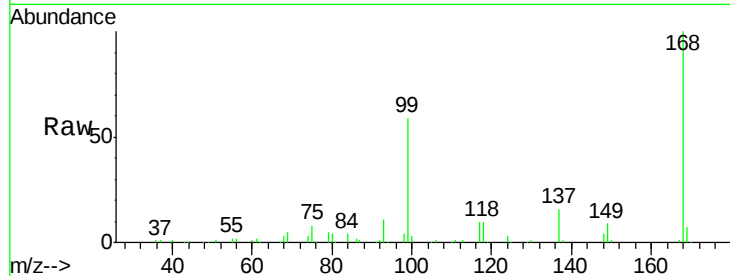
Tot Ion: 75 Resp: 55524

Ion Ratio Lower Upper

75 100

110 6.5 19.7 59.1#

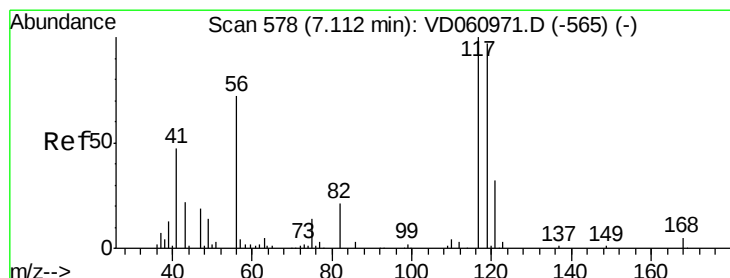
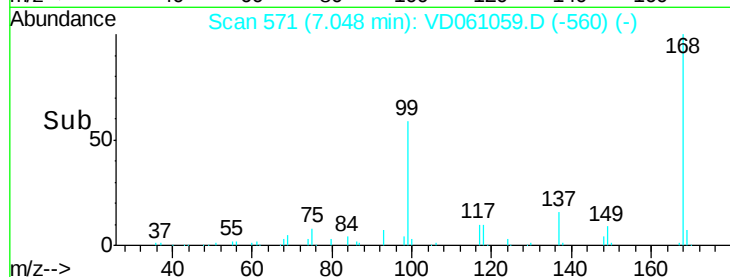
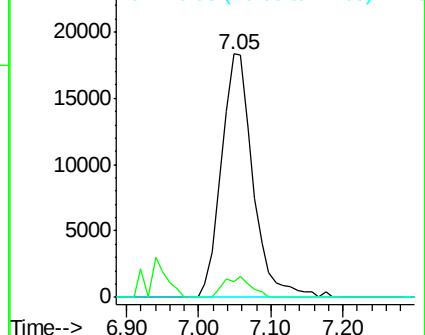
77 0.0 24.7 37.1#



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: 6.214 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.06 min

Lab File: VD061059.D

Acq: 14 Mar 2019 12:28

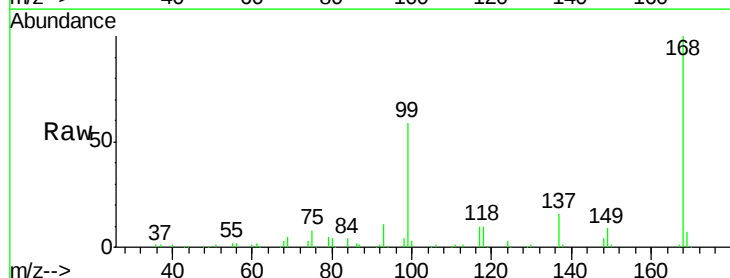
Tgt Ion: 117 Resp: 71398

Ion Ratio Lower Upper

117 100

119 4.5 77.8 116.8#

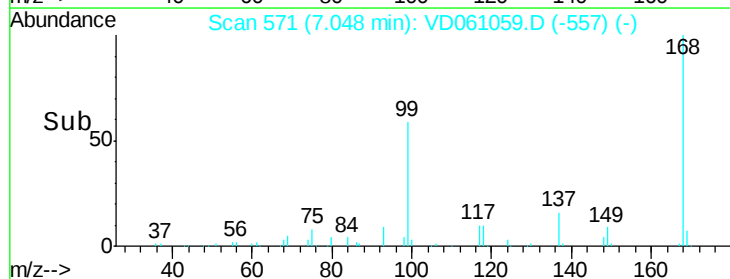
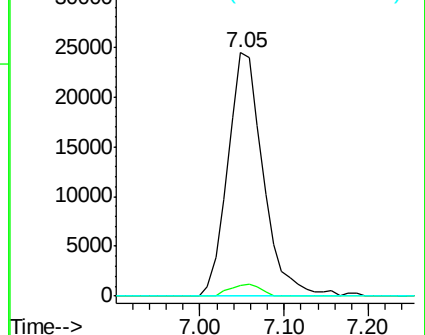
121 0.0 25.3 37.9#

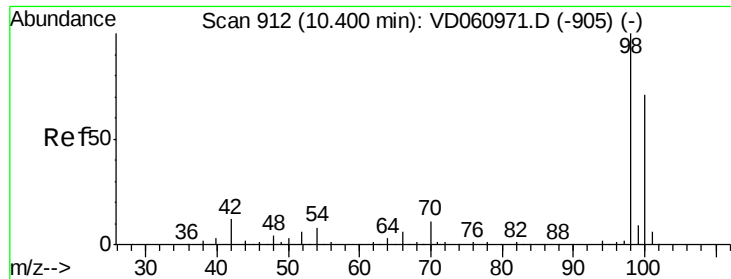


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

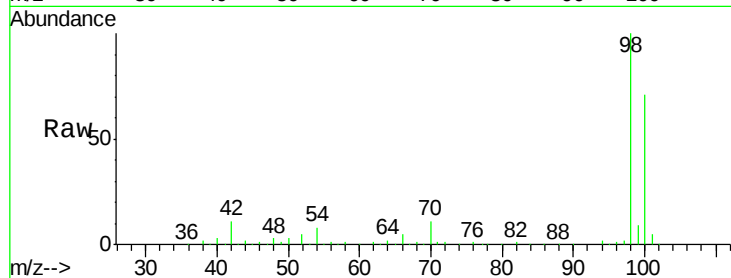




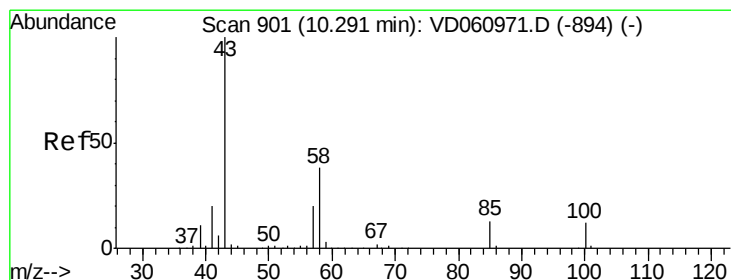
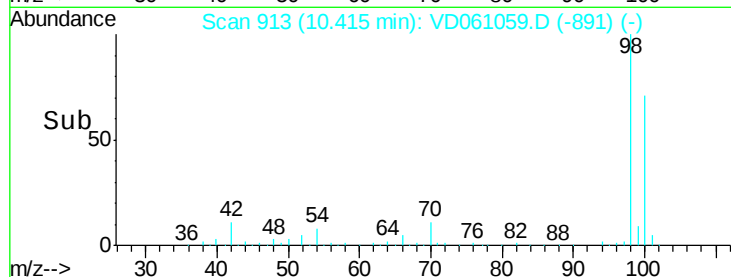
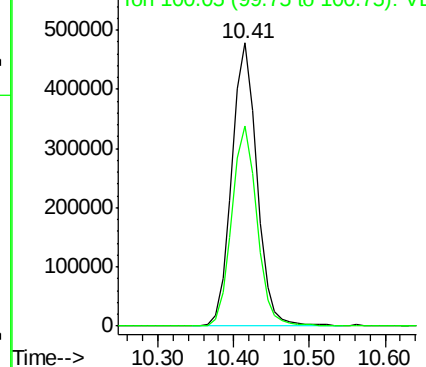
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.02 min
Lab File: VD061059.D
Acq: 14 Mar 2019 12:28

Instrument :
MSVOA_D
ClientSampleId :
VD0314SBL01

Tot Ion: 98 Resp: 1098832
Ion Ratio Lower Upper
98 100
100 70.7 57.4 86.2

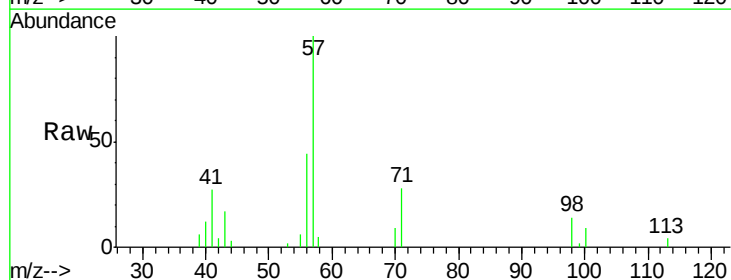


Abundance Ion 98.05 (97.75 to 98.75): VD061059.D (-891) (-)
Ion 100.05 (99.75 to 100.75): VD061059.D (-891) (-)

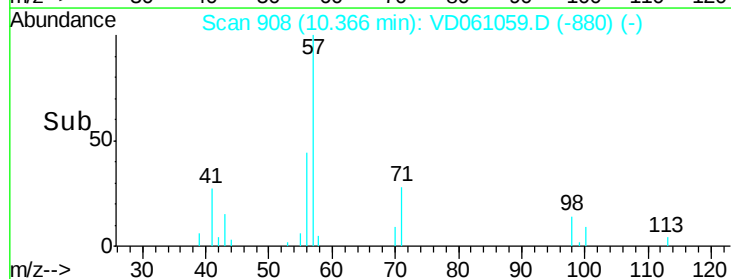
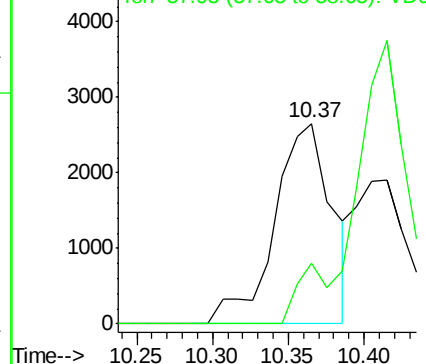


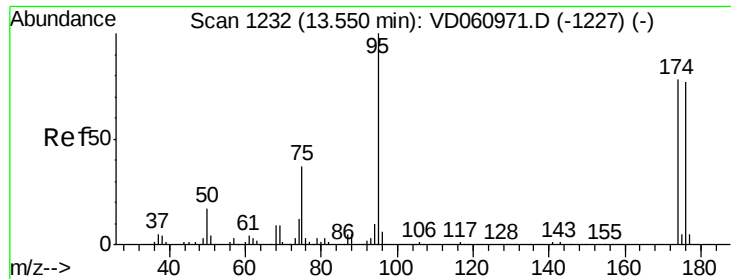
#51
4-Methyl-2-Pentanone
Concen: 1.687 ug/l
RT: 10.37 min Scan# 908
Delta R.T. 0.07 min
Lab File: VD061059.D
Acq: 14 Mar 2019 12:28

Tgt Ion: 43 Resp: 7008
Ion Ratio Lower Upper
43 100
58 30.2 30.2 45.2



Abundance Ion 42.95 (42.65 to 43.65): VD061059.D (-880) (-)
Ion 57.95 (57.65 to 58.65): VD061059.D (-880) (-)





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD061059.D

Acq: 14 Mar 2019 12:28

Instrument :

MSVOA_D

ClientSampleId :

VD0314SBL01

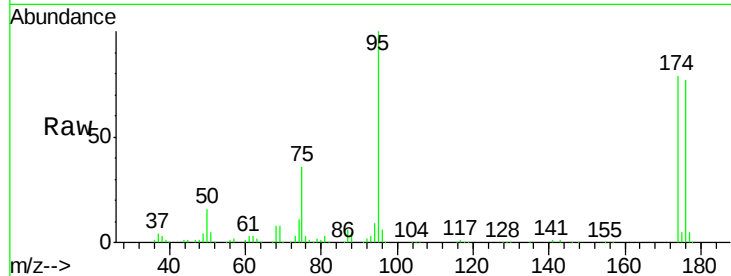
Tot Ion: 95 Resp: 440450

Ion Ratio Lower Upper

95 100

174 78.8 0.0 155.6

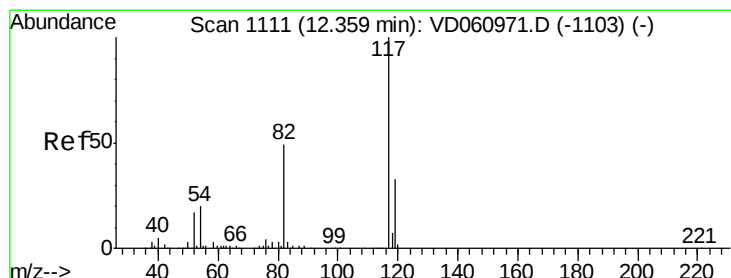
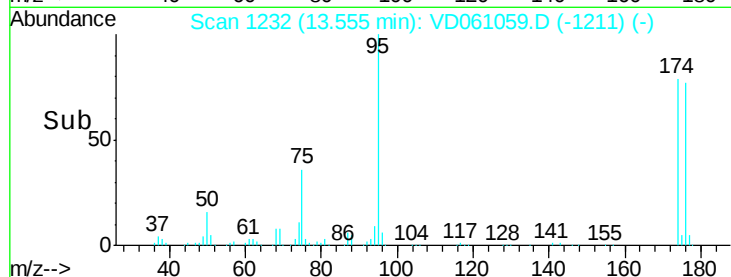
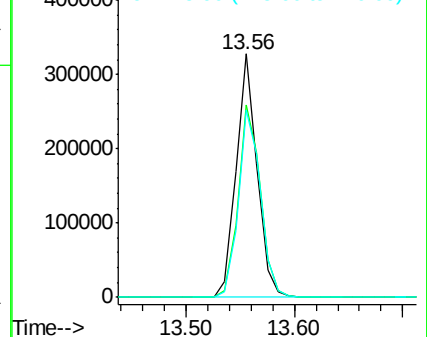
176 76.9 0.0 153.8



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: 12.36 min Scan# 1111

Delta R.T. 0.01 min

Lab File: VD061059.D

Acq: 14 Mar 2019 12:28

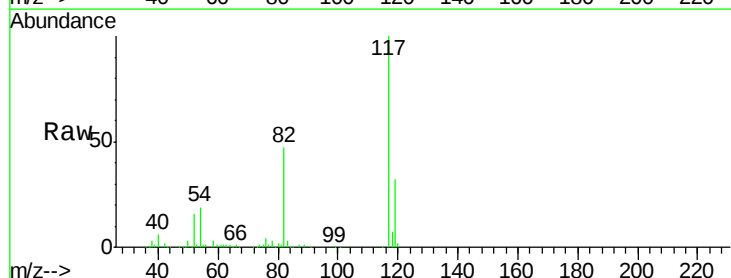
Tgt Ion: 117 Resp: 1014937

Ion Ratio Lower Upper

117 100

82 47.1 38.9 58.3

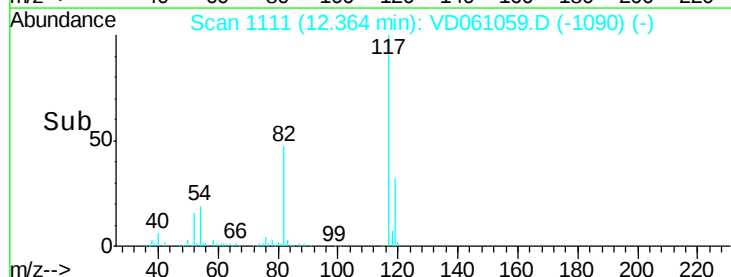
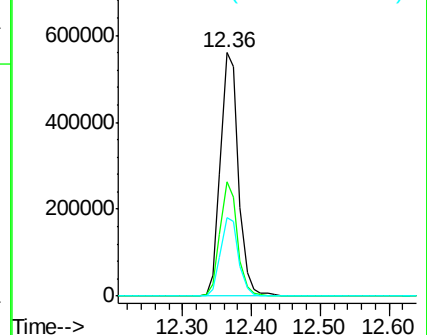
119 32.3 26.6 39.8

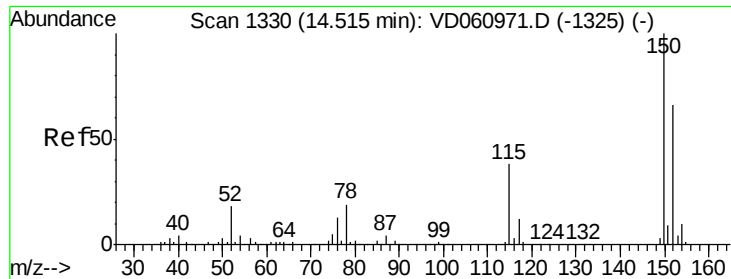


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.52 min Scan# 1330

Delta R.T. 0.01 min

Lab File: VD061059.D

Acq: 14 Mar 2019 12:28

Instrument :

MSVOA_D

ClientSampleId :

VD0314SBL01

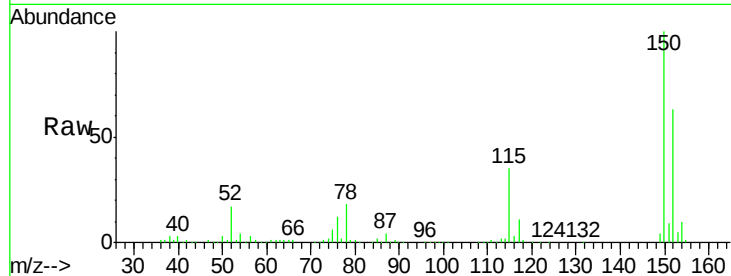
Tot Ion:152 Resp: 458916

Ion Ratio Lower Upper

152 100

115 55.7 28.6 85.9

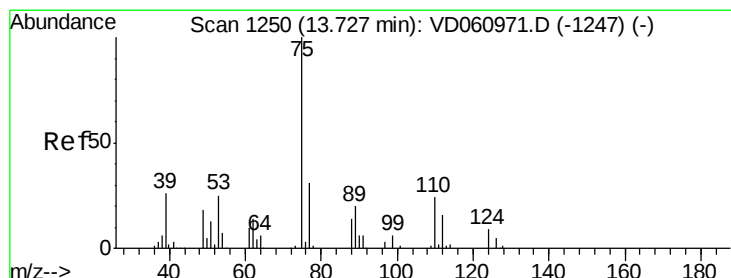
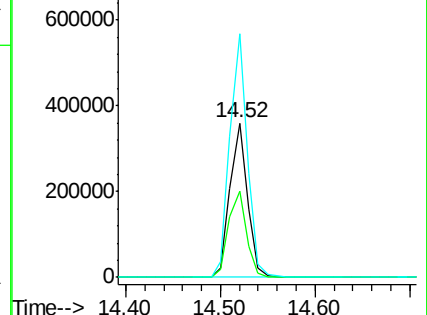
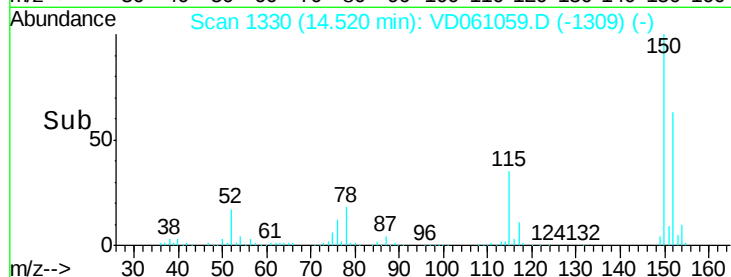
150 157.5 0.0 310.6



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



#76

1,2,3-Trichloropropane

Concen: 17.089 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. -0.17 min

Lab File: VD061059.D

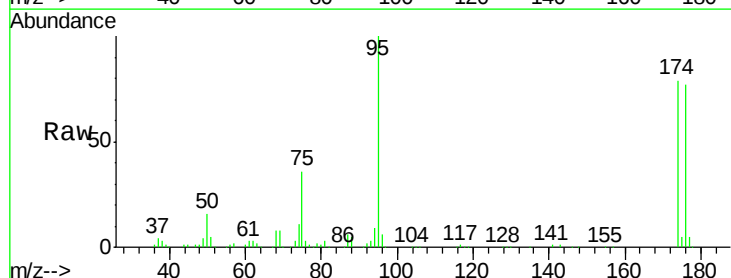
Acq: 14 Mar 2019 12:28

Tgt Ion: 75 Resp: 112829

Ion Ratio Lower Upper

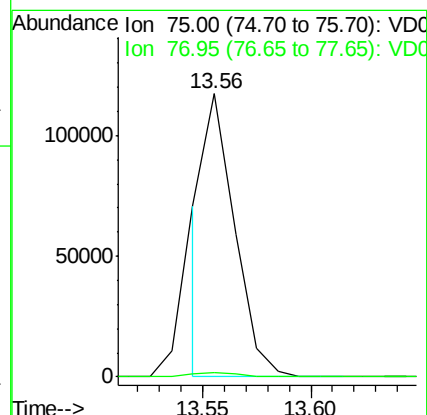
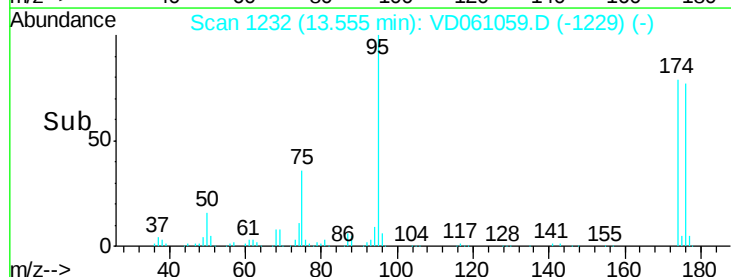
75 100

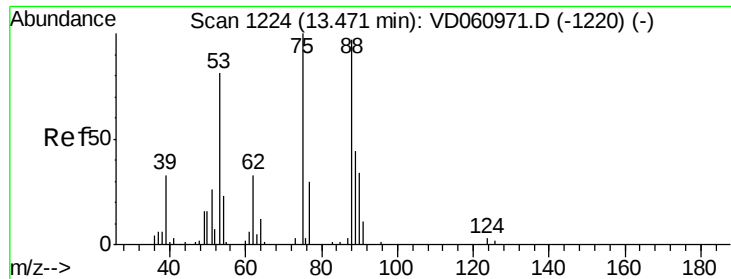
77 1.4 16.6 49.7#



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: 82.683 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.08 min

Lab File: VD061059.D

Acq: 14 Mar 2019 12:28

Instrument :

MSVOA_D

ClientSampleId :

VD0314SBL01

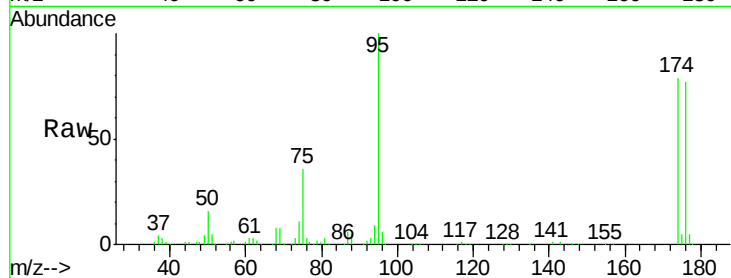
Tot Ion: 75 Resp: 160943

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

