

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031119\
 Data File : VD061005.D
 Acq On : 11 Mar 2019 15:29
 Operator : VA/AP
 Sample : K1807-27RE
 Misc : 5.04g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-15RE

Quant Time: Mar 12 05:43:06 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	668688	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	1308806	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.38	117	1023549	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	485603	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	369928	66.46	ug/l	0.02
Spiked Amount				50.000		
			Recovery	=	132.92%	
35) Dibromofluoromethane	6.94	113	529121	54.48	ug/l	0.02
Spiked Amount				50.000		
			Recovery	=	108.96%	
50) Toluene-d8	10.42	98	1271445	52.13	ug/l	0.02
Spiked Amount				50.000		
			Recovery	=	104.26%	
62) 4-Bromofluorobenzene	13.56	95	503358	53.18	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.36%	

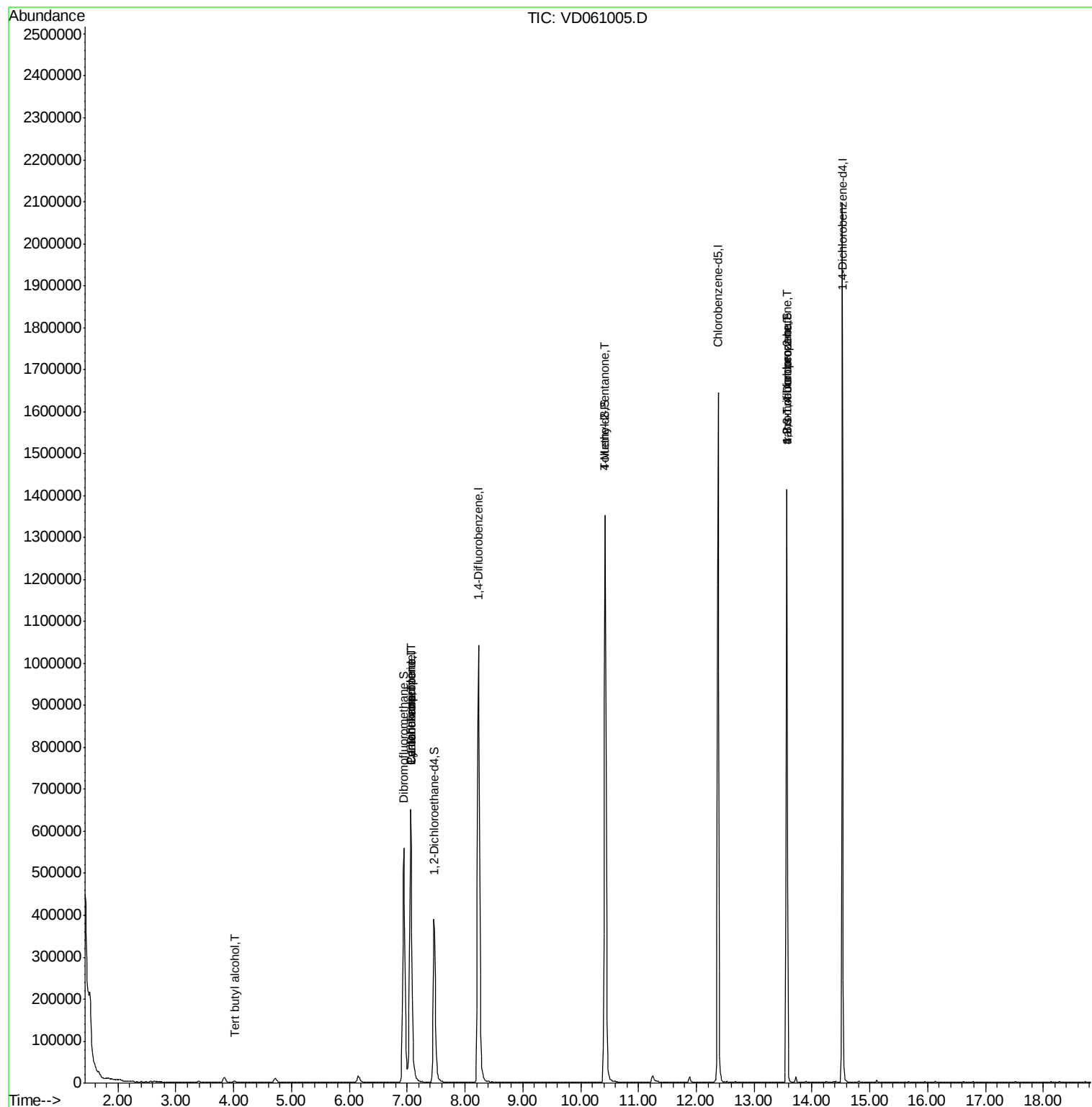
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.01	59	1361	3.841	ug/l #	75
20) Methylene Chloride	3.84	84	9473	Below Cal	#	81
31) Cyclohexane	7.06	56	11314	1.149	ug/l #	1
36) 1,1-Dichloropropene	7.06	75	49299	4.370	ug/l #	45
38) Carbon Tetrachloride	7.06	117	64681	5.205	ug/l #	16
51) 4-Methyl-2-Pentanone	10.42	43	5484	1.221	ug/l #	1
76) 1,2,3-Trichloropropane	13.56	75	155048	22.193	ug/l #	44
81) trans-1,4-Dichloro-2-buten	13.56	75	182079	88.401	ug/l #	17

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

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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# 573

Delta R.T. 0.02 min

Lab File: VD061005.D

Acq: 11 Mar 2019 15:29

Instrument :

MSVOA_D

ClientSampleId :

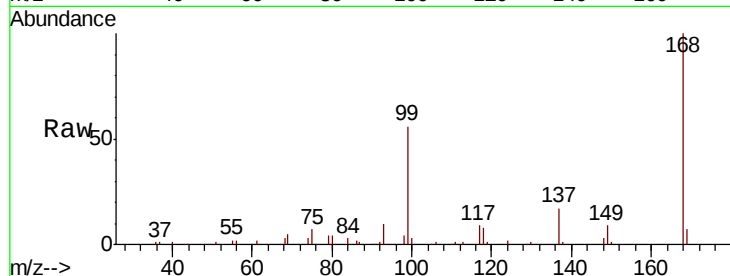
TP-15RE

Tot Ion:168 Resp: 668688

Ion Ratio Lower Upper

168 100

99 56.4 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

250000

200000

150000

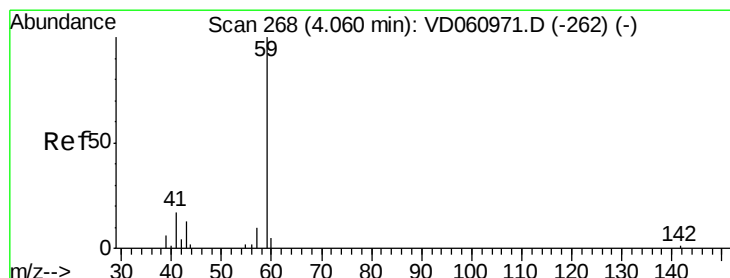
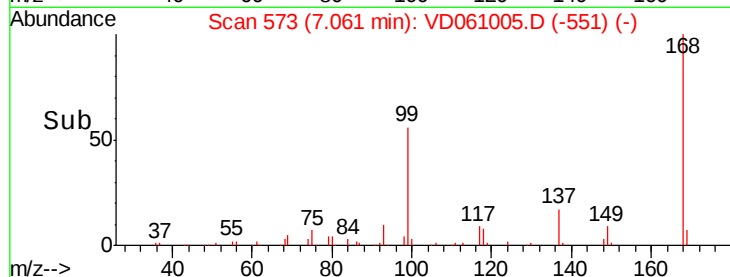
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#11

Tert butyl alcohol

Concen: 3.841 ug/l

RT: 4.01 min Scan# 263

Delta R.T. -0.05 min

Lab File: VD061005.D

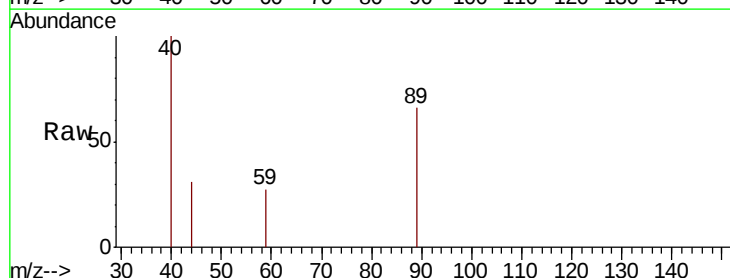
Acq: 11 Mar 2019 15:29

Tgt Ion: 59 Resp: 1361

Ion Ratio Lower Upper

59 100

57 0.0 7.1 10.7#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC

4.01

500

400

300

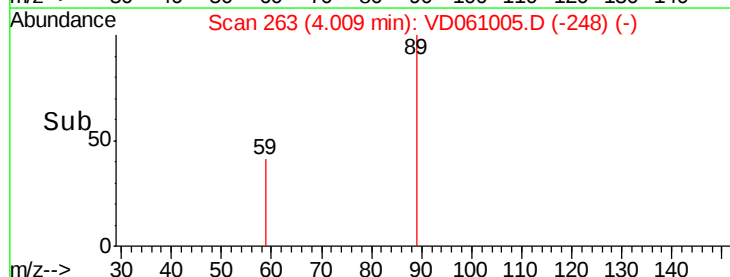
200

100

0

Time-->

3.95 4.00 4.05

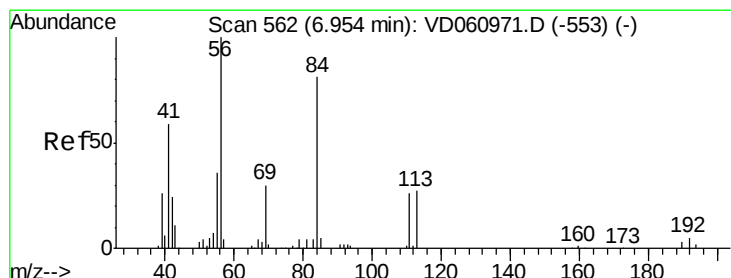
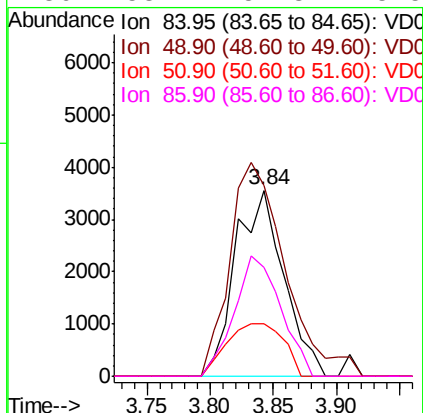
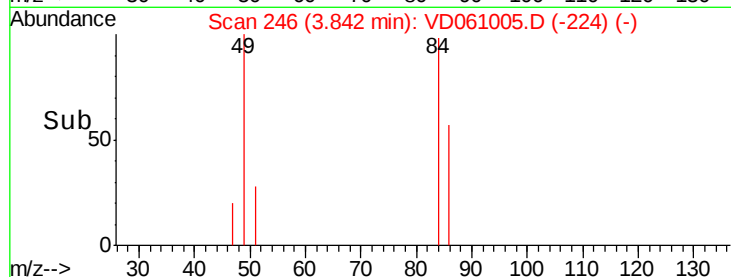
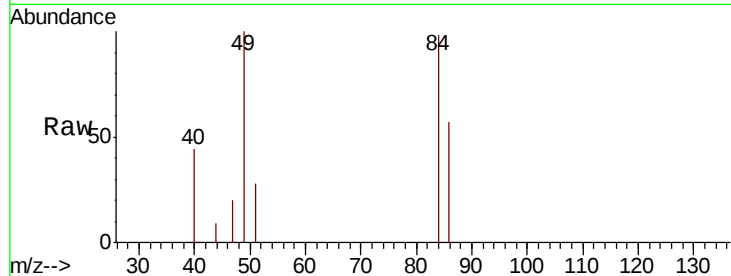




#20
Methvlene Chloride
Concen: Below Cal
RT: 3.84 min Scan# 246
Delta R.T. 0.02 min
Lab File: VD061005.D
Acq: 11 Mar 2019 15:29

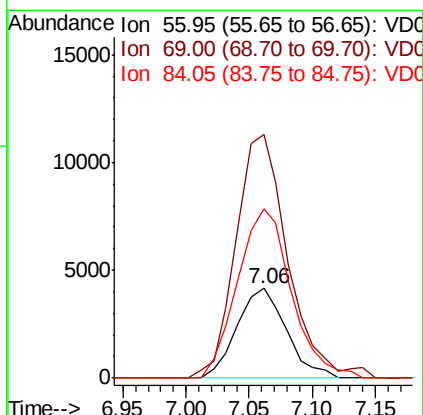
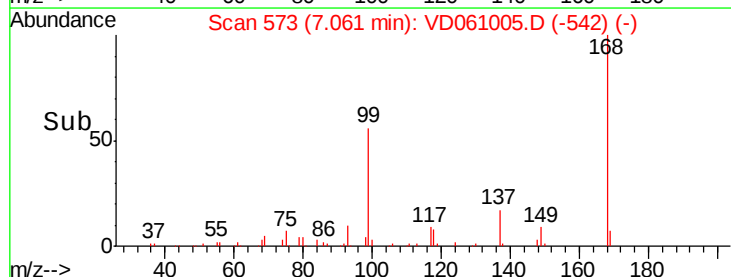
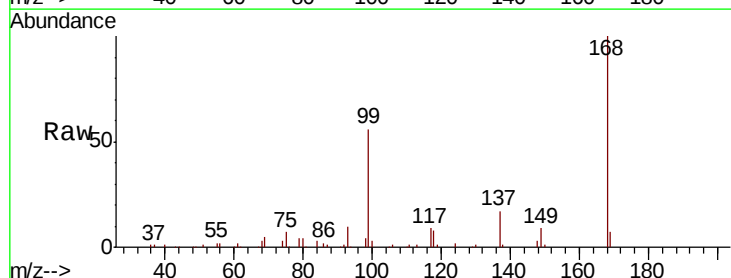
Instrument :
MSVOA_D
ClientSampleId :
TP-15RE

Tot Ion: 84 Resp: 9473
Ion Ratio Lower Upper
84 100
49 102.2 104.2 156.2#
51 28.6 32.3 48.5#
86 58.7 52.3 78.5



#31
Cyclohexane
Concen: 1.149 ug/l
RT: 7.06 min Scan# 573
Delta R.T. 0.11 min
Lab File: VD061005.D
Acq: 11 Mar 2019 15:29

Tgt Ion: 56 Resp: 11314
Ion Ratio Lower Upper
56 100
69 272.3 24.0 36.0#
84 190.1 65.8 98.6#

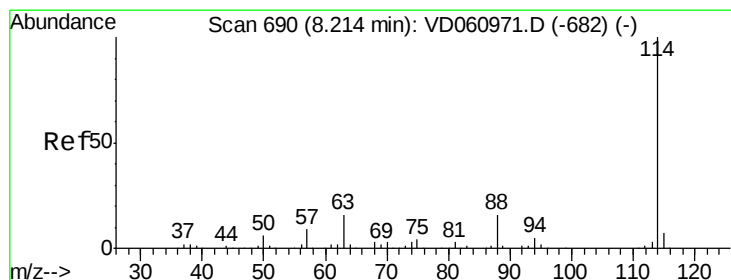
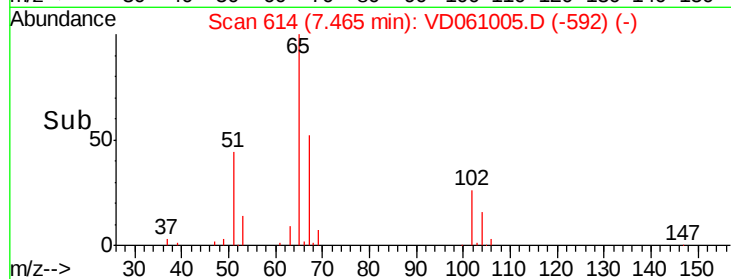
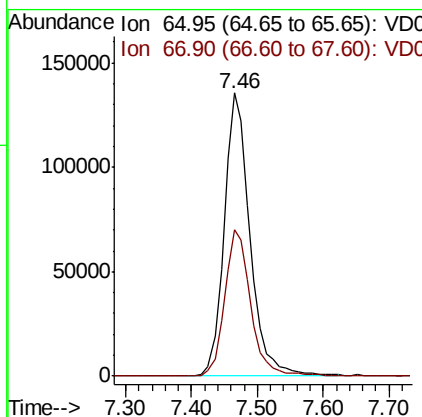
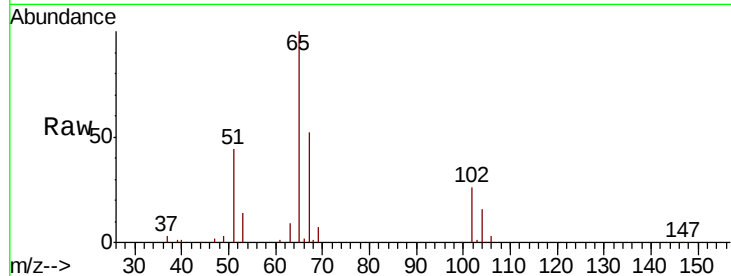




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.46 min Scan# 614
 Delta R.T. 0.02 min
 Lab File: VD061005.D
 Acq: 11 Mar 2019 15:29

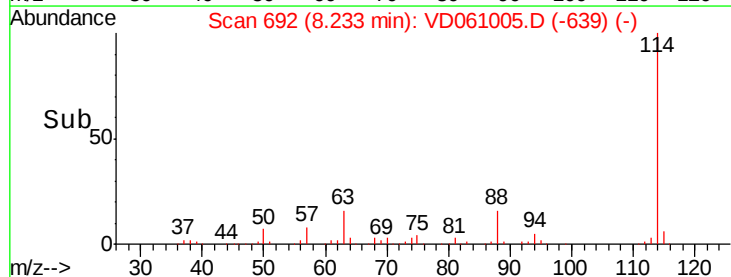
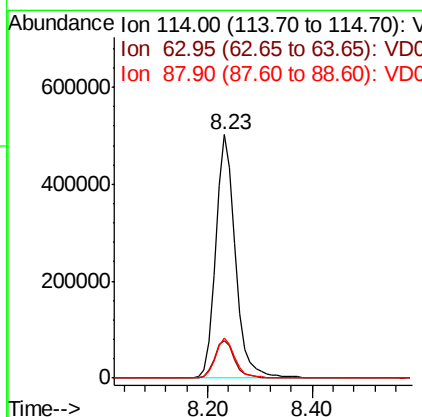
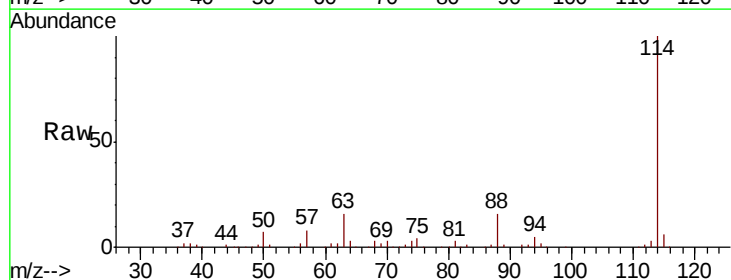
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-15RE

Tot Ion: 65 Resp: 369928
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.02 min
 Lab File: VD061005.D
 Acq: 11 Mar 2019 15:29

Tgt Ion: 114 Resp: 1308806
 Ion Ratio Lower Upper
 114 100
 63 15.6 0.0 31.4
 88 16.3 0.0 33.0

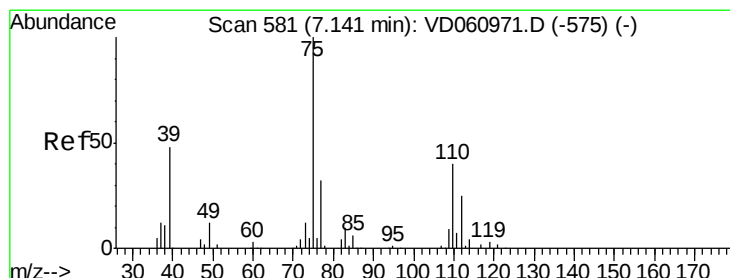
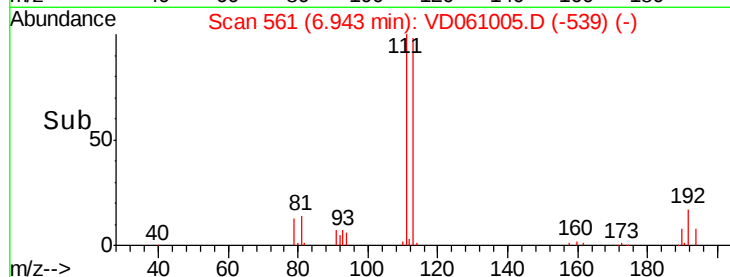
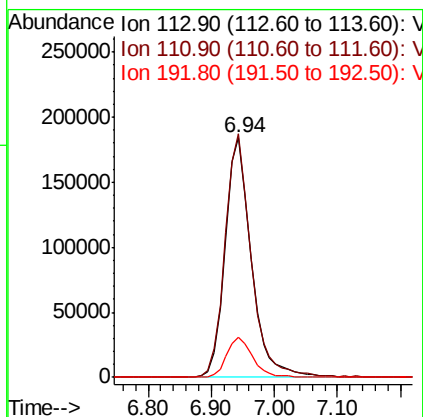
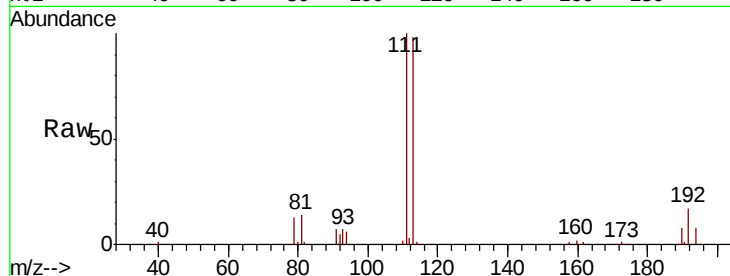




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.94 min Scan# 561
 Delta R.T. 0.02 min
 Lab File: VD061005.D
 Acq: 11 Mar 2019 15:29

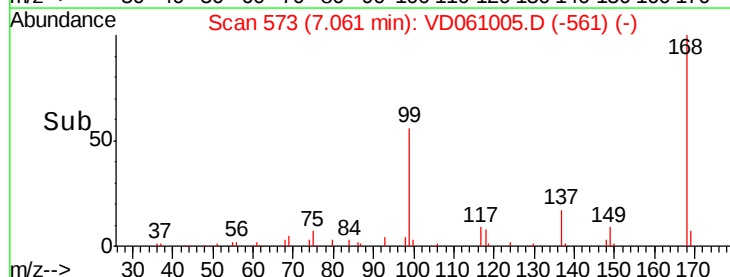
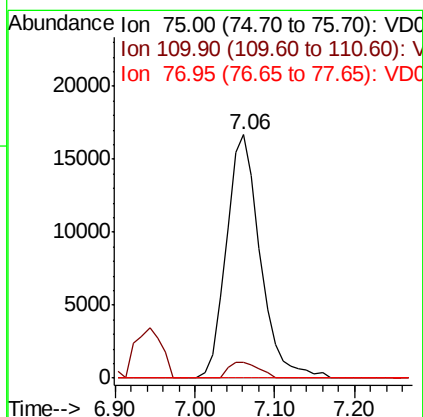
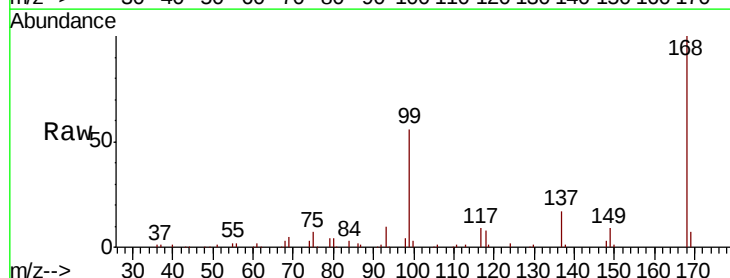
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-15RE

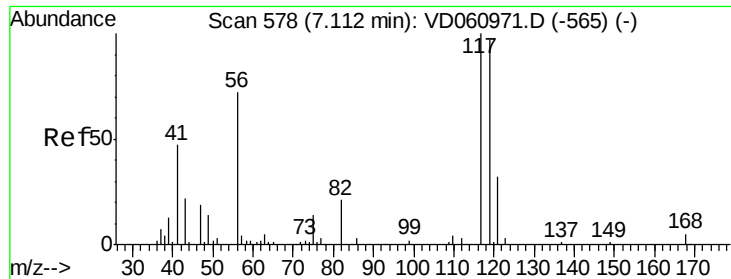
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	84.2	126.4
192	16.8	13.1	19.7



#36
 1,1-Dichloropropene
 Concen: 4.370 ug/l
 RT: 7.06 min Scan# 573
 Delta R.T. -0.08 min
 Lab File: VD061005.D
 Acq: 11 Mar 2019 15:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	6.5	19.7	59.1#
77	0.0	24.7	37.1#

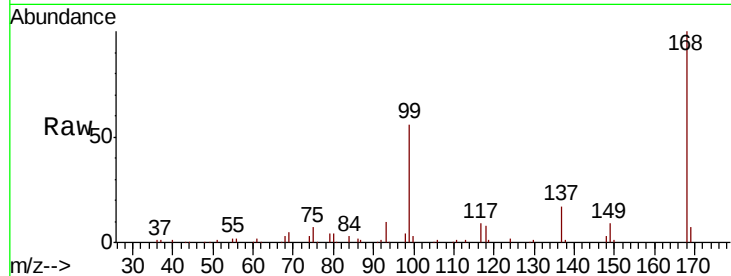




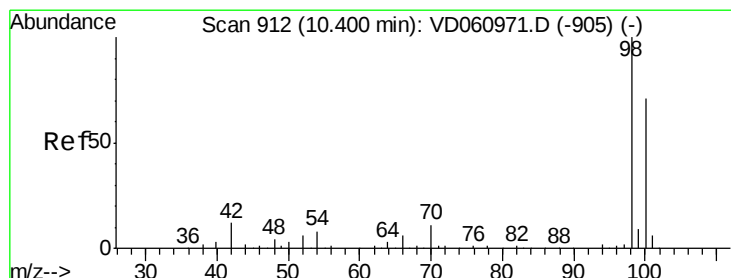
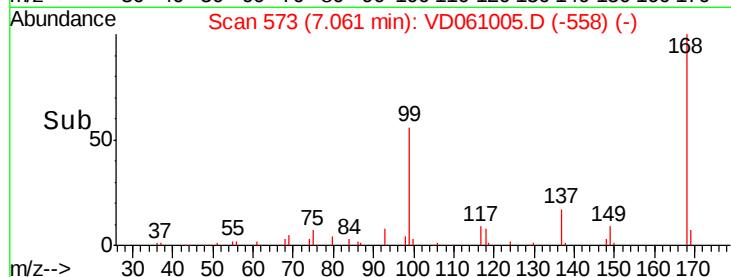
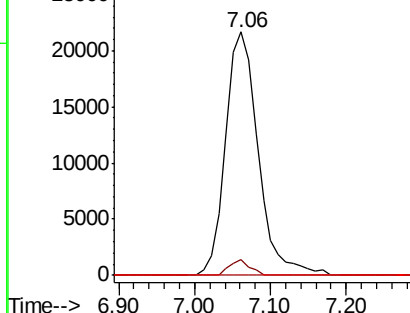
#38
Carbon Tetrachloride
Concen: 5.205 ug/l
RT: 7.06 min Scan# 573
Delta R.T. -0.05 min
Lab File: VD061005.D
Acq: 11 Mar 2019 15:29

Instrument :
MSVOA_D
ClientSampleId :
TP-15RE

Tot Ion:117 Resp: 64681
Ion Ratio Lower Upper
117 100
119 6.3 77.8 116.8#
121 0.0 25.3 37.9#

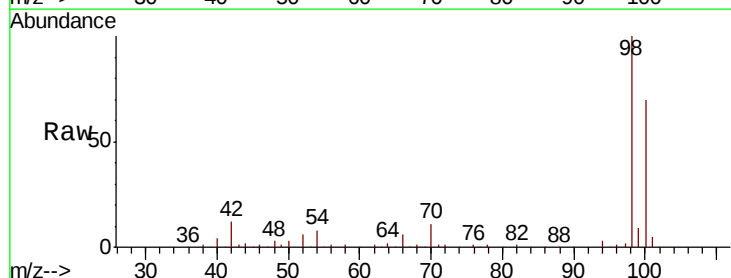


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

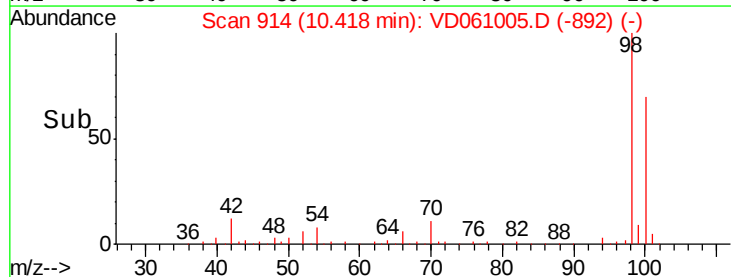
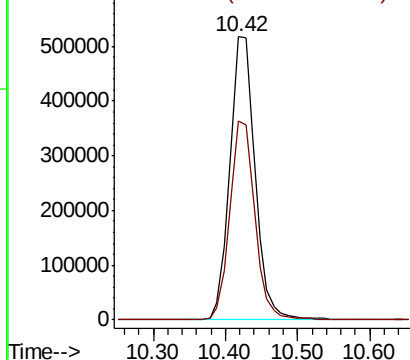


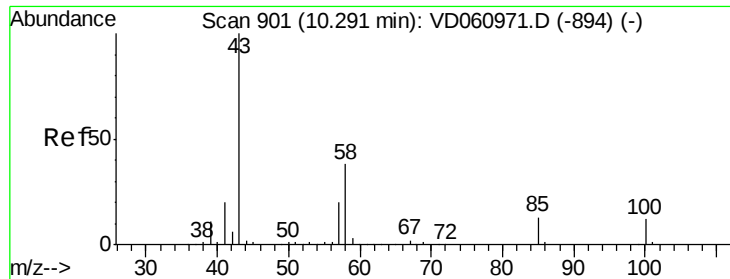
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.02 min
Lab File: VD061005.D
Acq: 11 Mar 2019 15:29

Tgt Ion: 98 Resp: 1271445
Ion Ratio Lower Upper
98 100
100 70.3 57.4 86.2



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

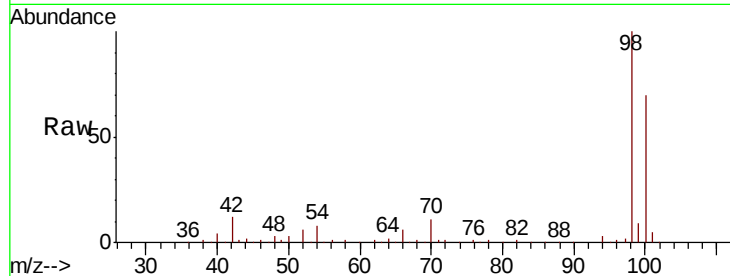




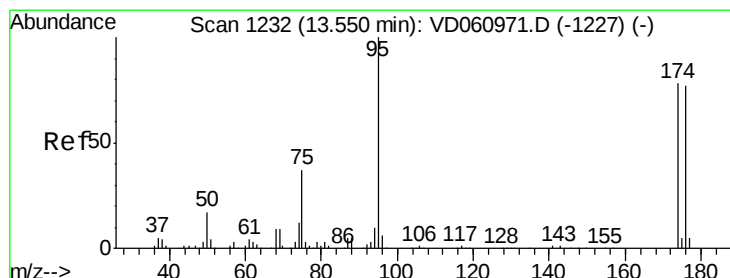
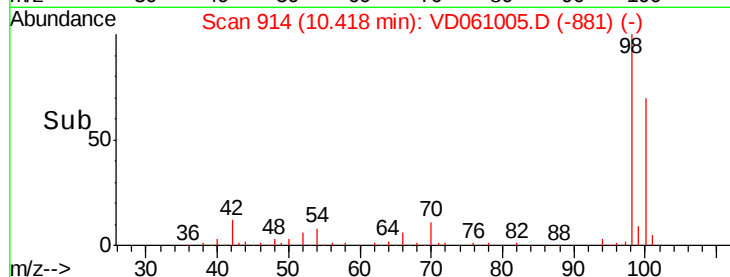
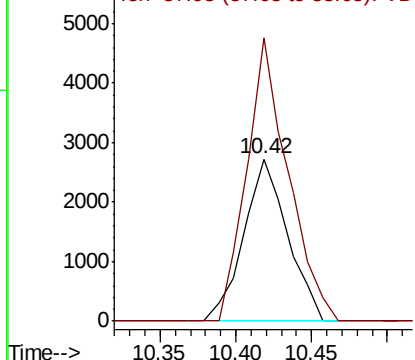
#51
4-Methyl-2-Pentanone
Concen: 1.221 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.13 min
Lab File: VD061005.D
Acq: 11 Mar 2019 15:29

Instrument :
MSVOA_D
ClientSampleID :
TP-15RE

Tot Ion: 43 Resp: 5484
Ion Ratio Lower Upper
43 100
58 174.9 30.2 45.2#

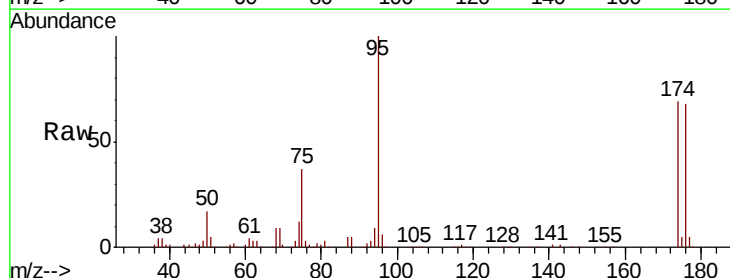


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC

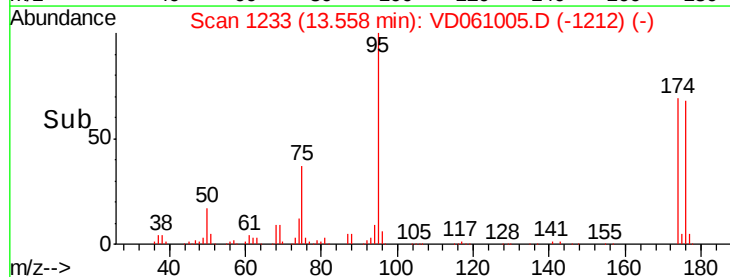
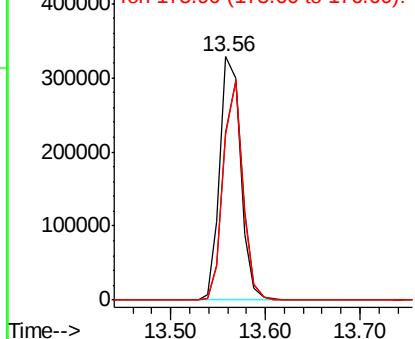


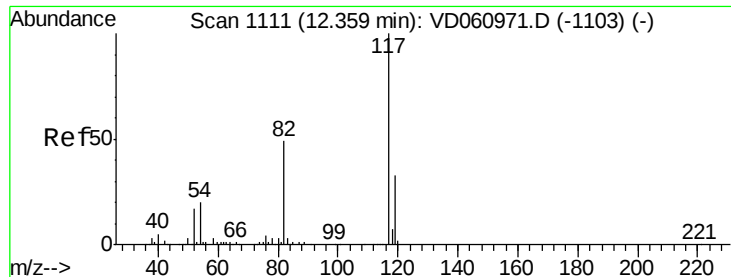
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD061005.D
Acq: 11 Mar 2019 15:29

Tgt Ion: 95 Resp: 503358
Ion Ratio Lower Upper
95 100
174 69.2 0.0 155.6
176 68.0 0.0 153.8



Abundance Ion 95.00 (94.70 to 95.70): VDC
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

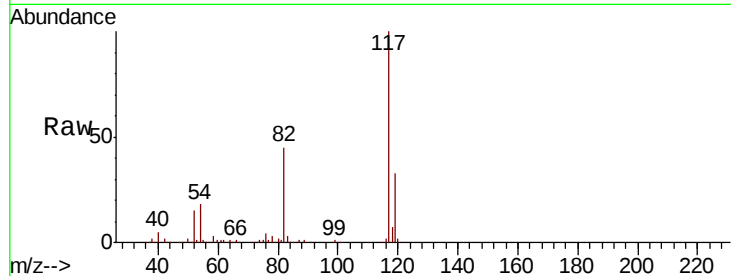




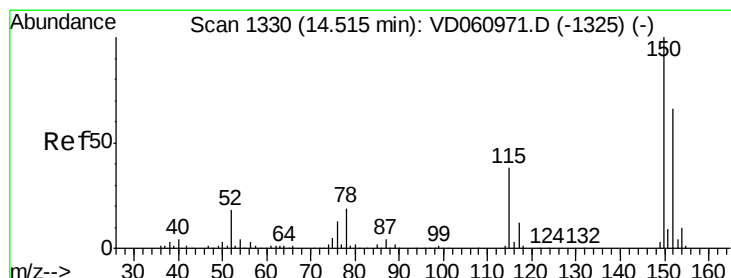
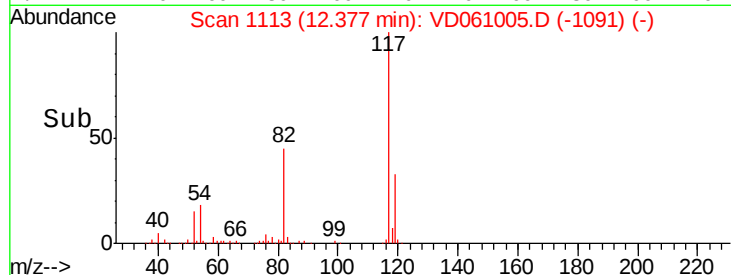
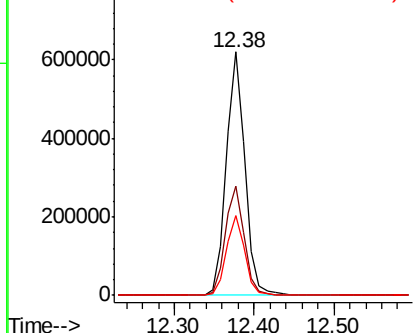
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD061005.D
Acq: 11 Mar 2019 15:29

Instrument :
MSVOA_D
ClientSampleId :
TP-15RE

Tot Ion:117 Resp: 1023549
Ion Ratio Lower Upper
117 100
82 44.8 38.9 58.3
119 32.7 26.6 39.8

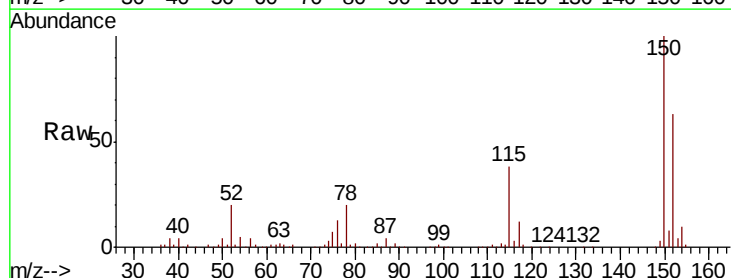


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

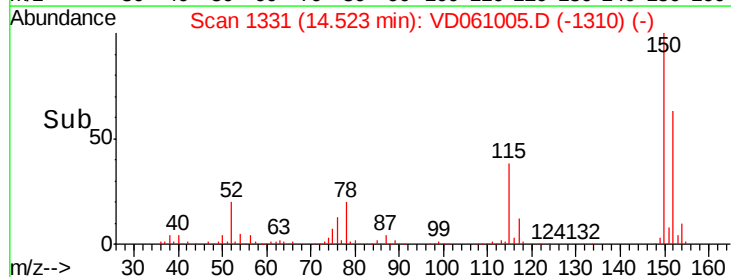
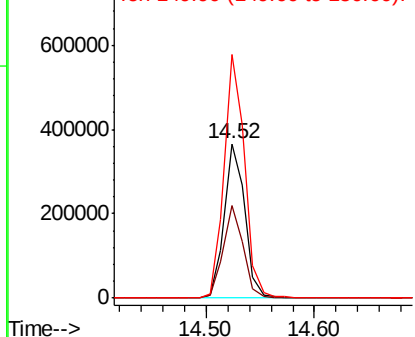


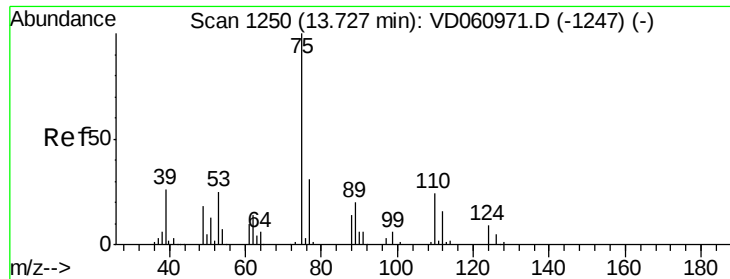
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD061005.D
Acq: 11 Mar 2019 15:29

Tgt Ion:152 Resp: 485603
Ion Ratio Lower Upper
152 100
115 60.0 28.6 85.9
150 157.6 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: 22.193 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.17 min

Lab File: VD061005.D

Acq: 11 Mar 2019 15:29

Instrument :

MSVOA_D

ClientSampleId :

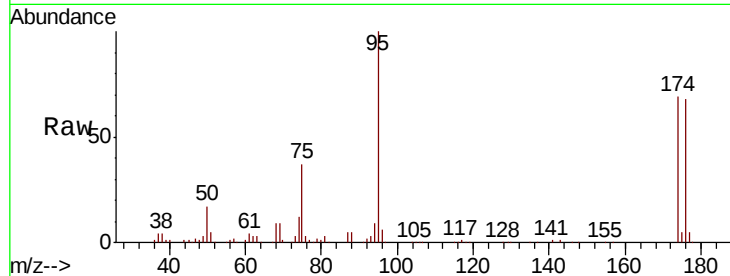
TP-15RE

Tot Ion: 75 Resp: 155048

Ion Ratio Lower Upper

75 100

77 1.6 16.6 49.7#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

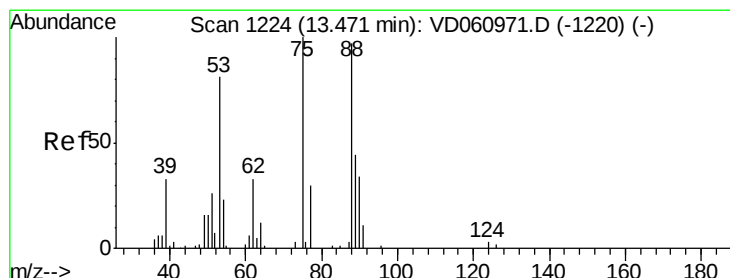
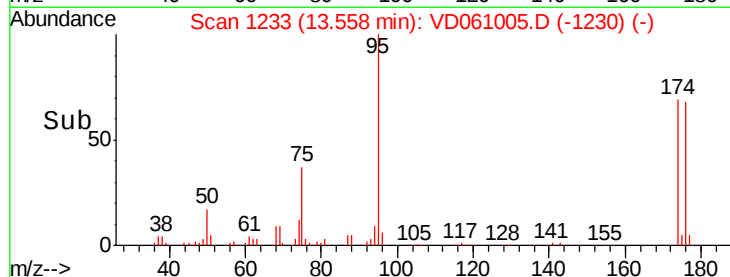
13.56

100000

50000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 88.401 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.09 min

Lab File: VD061005.D

Acq: 11 Mar 2019 15:29

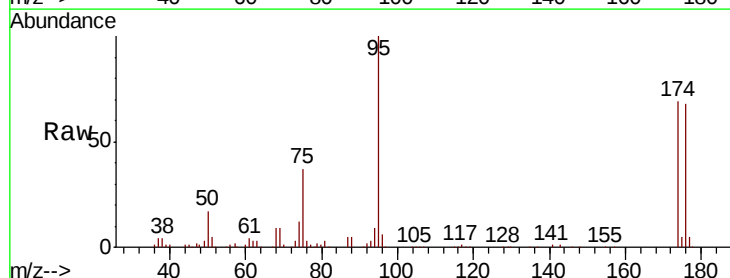
Tgt Ion: 75 Resp: 182079

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

13.56

150000

100000

50000

0

Time-->

