

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031319\
 Data File : VD061056.D
 Acq On : 13 Mar 2019 21:39
 Operator : VA/AP
 Sample : K1897-06
 Misc : 8.76g/5ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

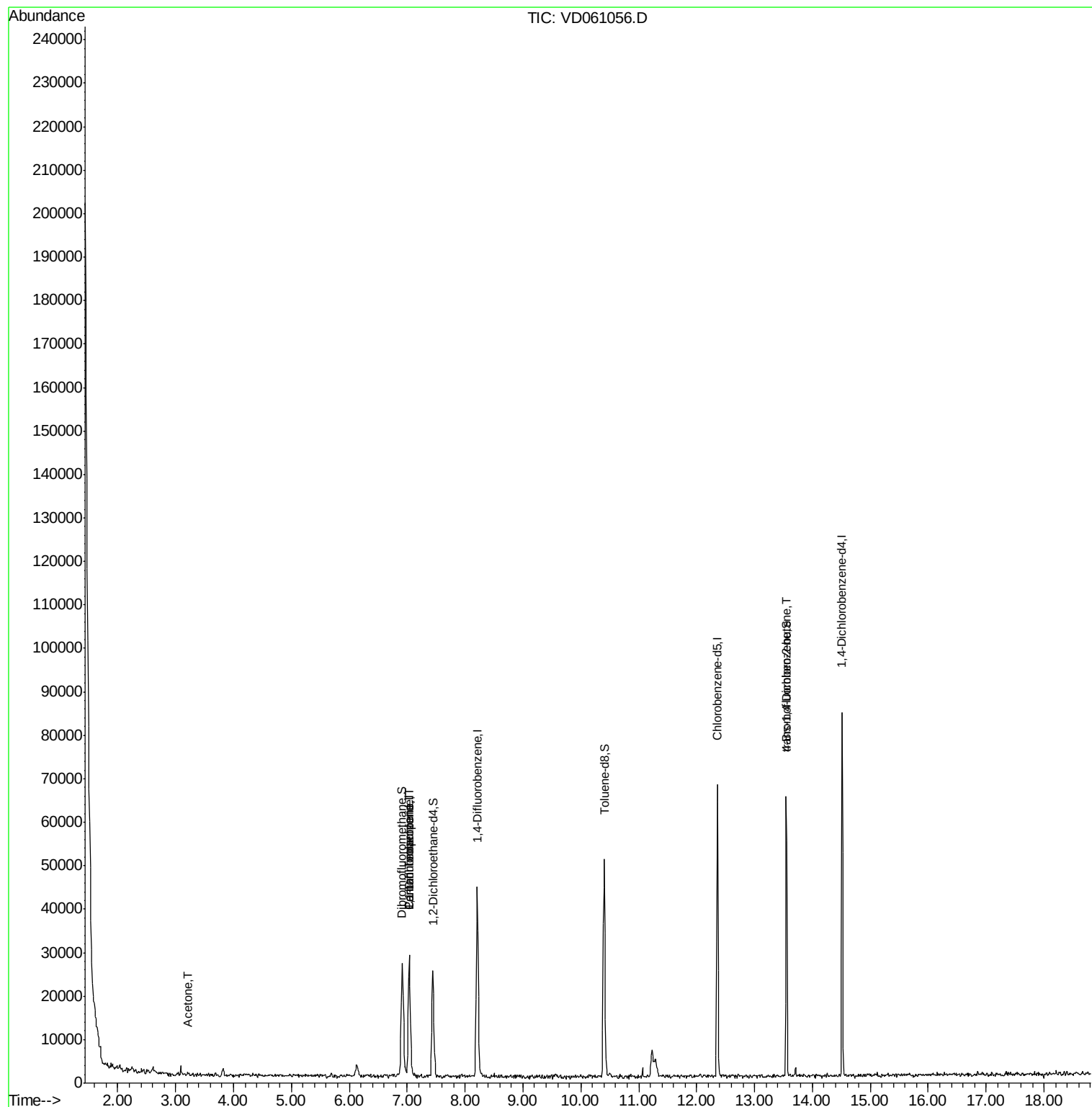
Quant Time: Mar 14 02:03:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

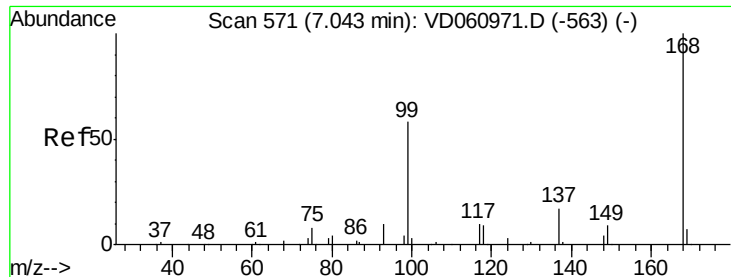
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	28578	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	55873	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	47171	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	19067	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	23162	97.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	194.74%	
35) Dibromofluoromethane	6.92	113	26553	64.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.08%	
50) Toluene-d8	10.40	98	47268	45.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.78%	
62) 4-Bromofluorobenzene	13.55	95	21436	53.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.12%	
Target Compounds						
16) Acetone	3.22	43	996	14.642	ug/l #	48
20) Methylene Chloride	3.83	84	949	Below Cal	#	38
36) 1,1-Dichloropropene	7.04	75	1638	3.401	ug/l #	39
38) Carbon Tetrachloride	7.03	117	2283	4.303	ug/l #	11
81) trans-1,4-Dichloro-2-buten	13.55	75	7589	93.838	ug/l #	17

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.00 min

Lab File: VD061056.D

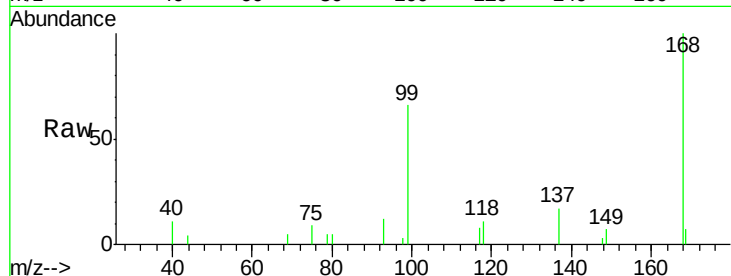
Acq: 13 Mar 2019 21:39

Tot Ion:168 Resp: 28578

Ion Ratio Lower Upper

168 100

99 66.2 47.3 70.9

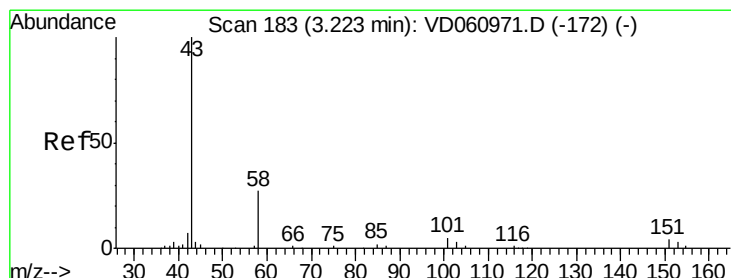
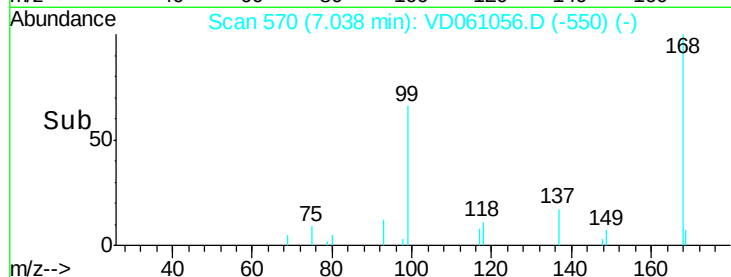


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

Time-->



#16

Acetone

Concen: 14.642 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.00 min

Lab File: VD061056.D

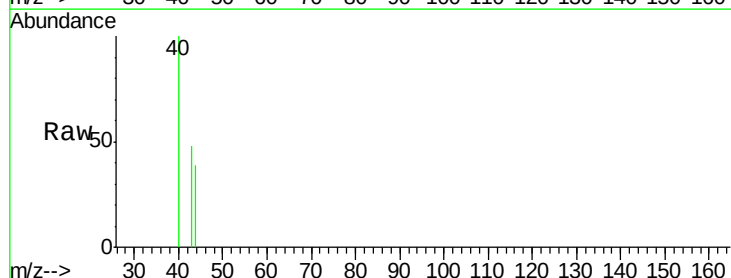
Acq: 13 Mar 2019 21:39

Tgt Ion: 43 Resp: 996

Ion Ratio Lower Upper

43 100

58 0.0 21.6 32.4#

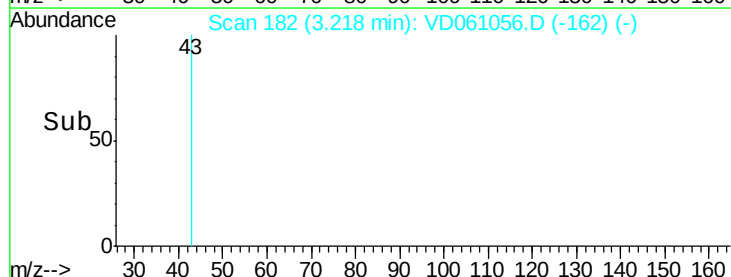


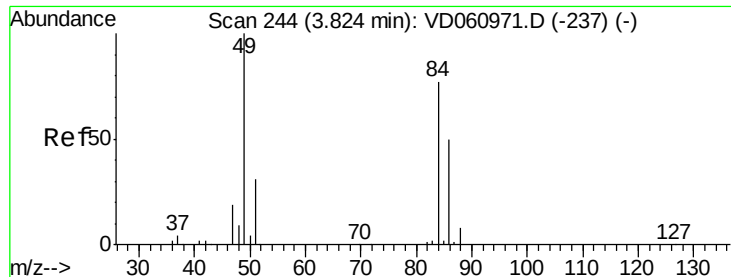
Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

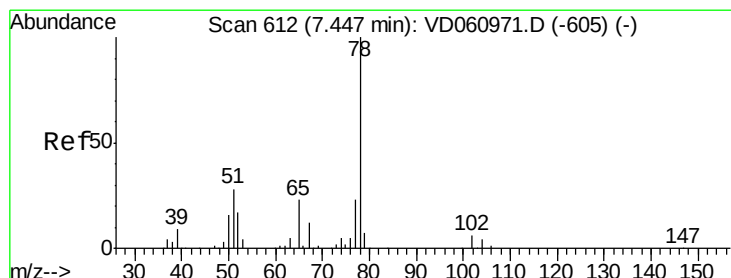
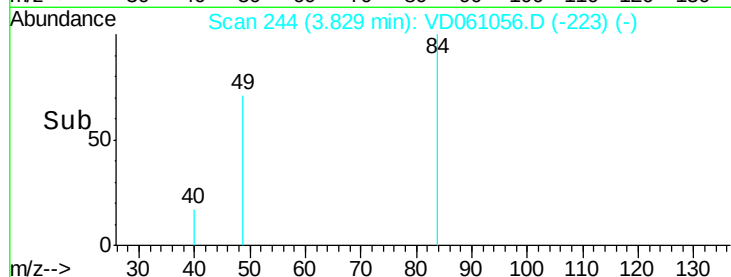
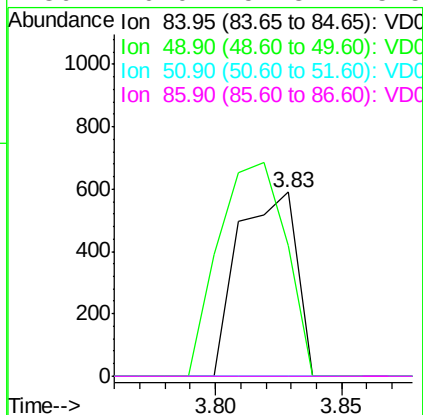
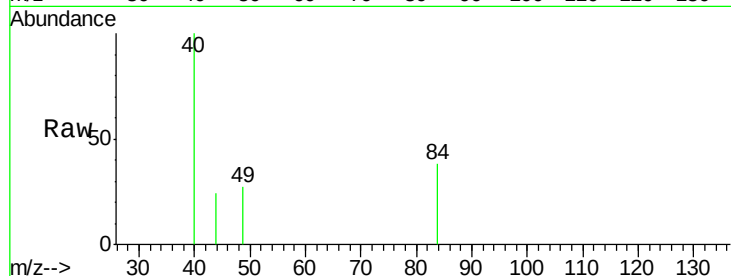
Time-->





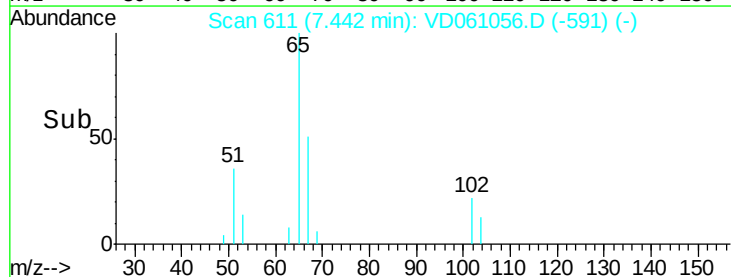
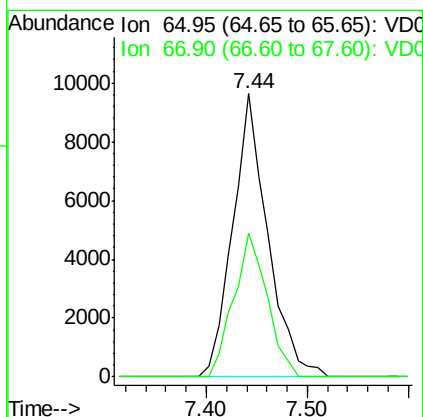
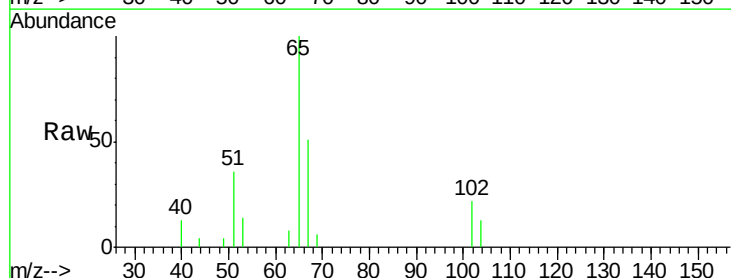
#20
Methylene Chloride
Concen: Below Cal
RT: 3.83 min Scan# 244
Delta R.T. 0.01 min
Lab File: VD061056.D
Acq: 13 Mar 2019 21:39

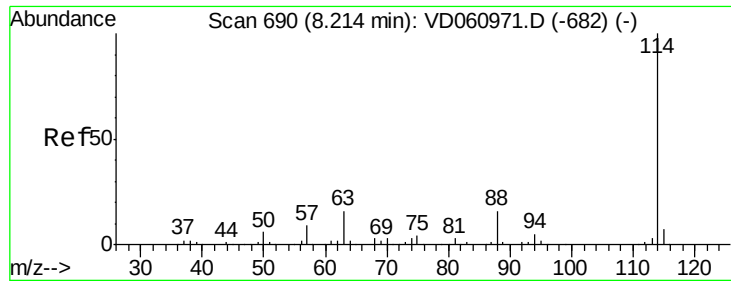
Tot Ion: 84 Resp: 949
Ion Ratio Lower Upper
84 100
49 70.8 104.2 156.2#
51 0.0 32.3 48.5#
86 0.0 52.3 78.5#



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.00 min
Lab File: VD061056.D
Acq: 13 Mar 2019 21:39

Tgt Ion: 65 Resp: 23162
Ion Ratio Lower Upper
65 100
67 50.7 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.00 min

Lab File: VD061056.D

Acq: 13 Mar 2019 21:39

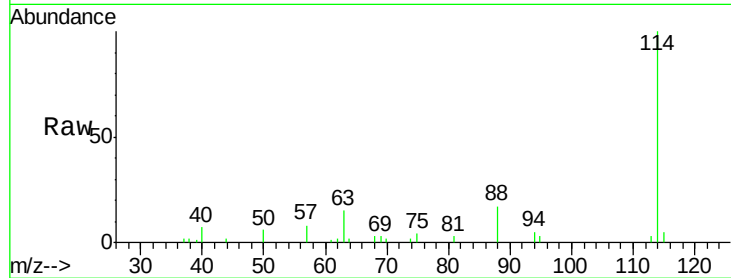
Tot Ion:114 Resp: 55873

Ion Ratio Lower Upper

114 100

63 14.5 0.0 31.4

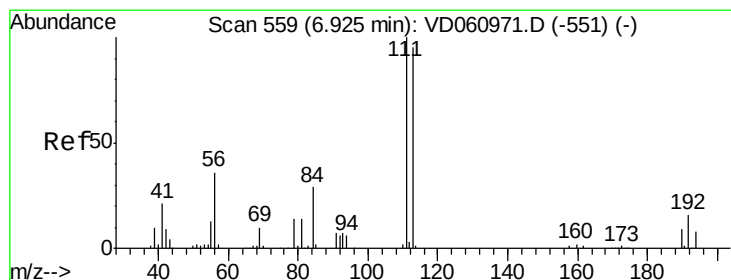
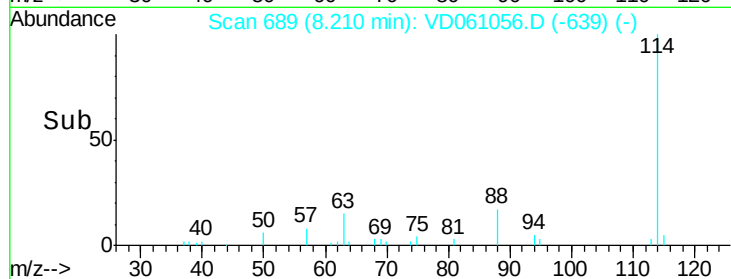
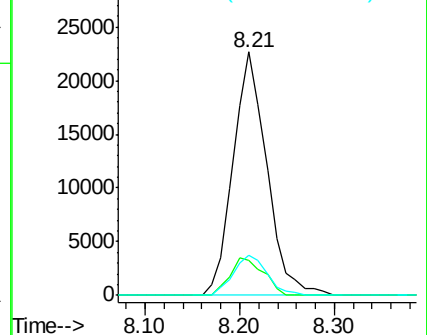
88 16.6 0.0 33.0



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: 6.92 min Scan# 558

Delta R.T. -0.00 min

Lab File: VD061056.D

Acq: 13 Mar 2019 21:39

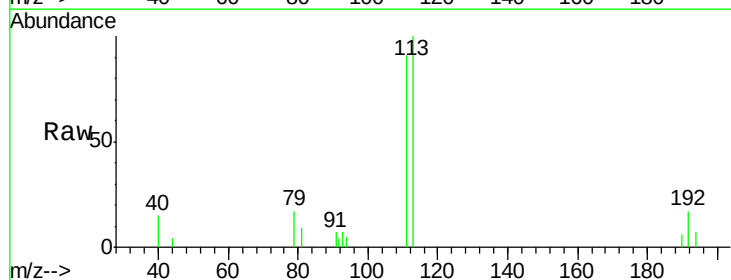
Tgt Ion:113 Resp: 26553

Ion Ratio Lower Upper

113 100

111 90.7 84.2 126.4

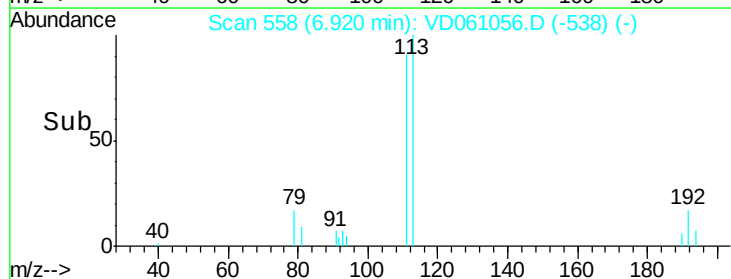
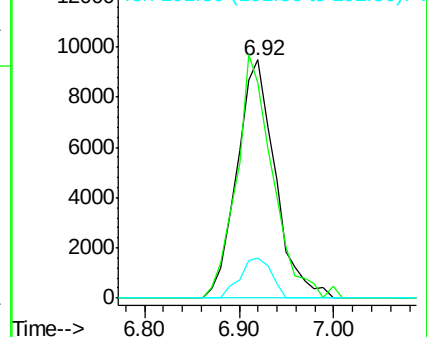
192 16.6 13.1 19.7

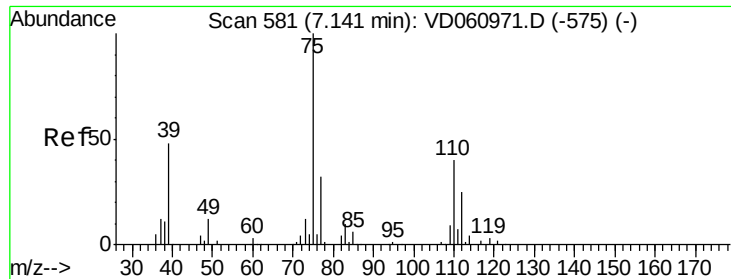


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

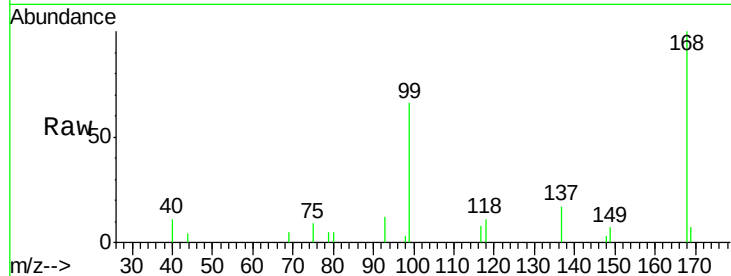
Ion 191.80 (191.50 to 192.50): V



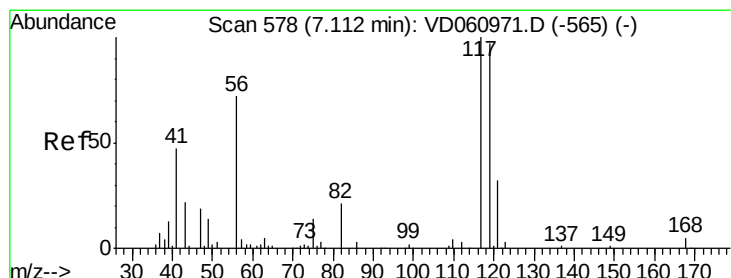
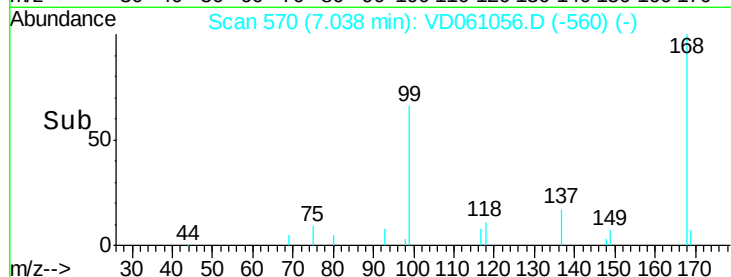
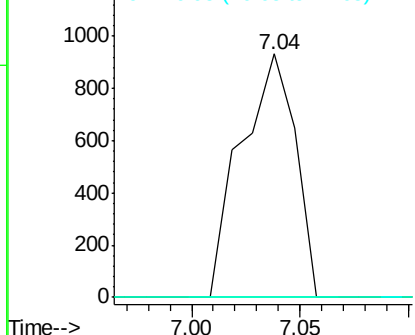


#36
 1,1-Dichloropropene
 Concen: 3.401 ug/l
 RT: 7.04 min Scan# 570
 Delta R.T. -0.10 min
 Lab File: VD061056.D
 Acq: 13 Mar 2019 21:39

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

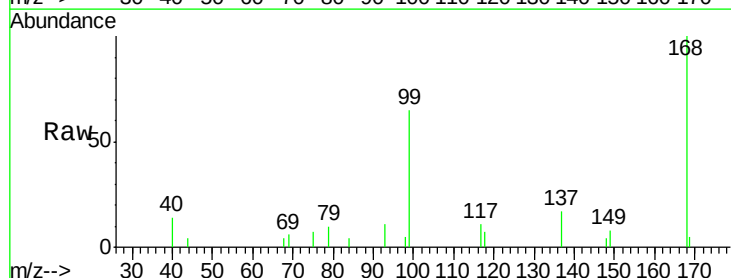


Abundance Ion 75.00 (74.70 to 75.70): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.95 (76.65 to 77.65): V

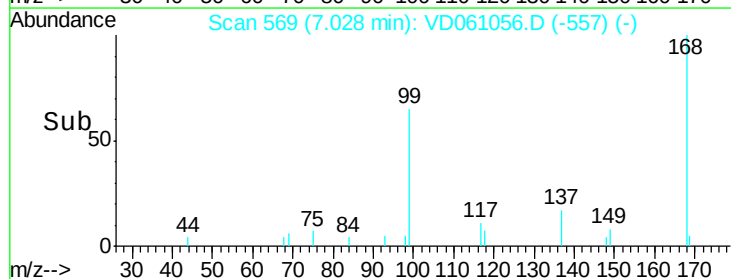
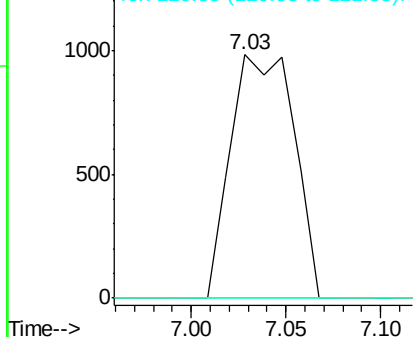


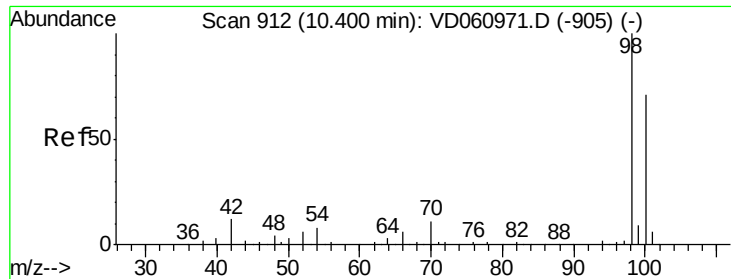
#38
 Carbon Tetrachloride
 Concen: 4.303 ug/l
 RT: 7.03 min Scan# 569
 Delta R.T. -0.08 min
 Lab File: VD061056.D
 Acq: 13 Mar 2019 21:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	0.0	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: 10.40 min Scan# 912

Delta R.T. 0.01 min

Lab File: VD061056.D

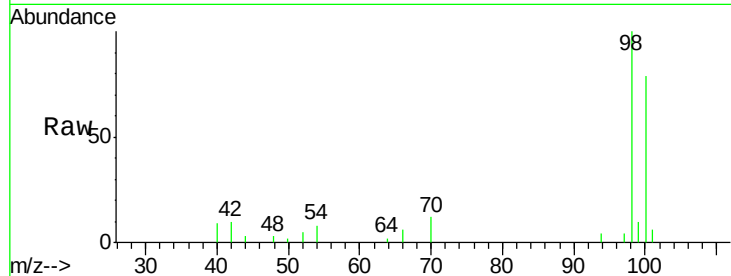
Acq: 13 Mar 2019 21:39

Tot Ion: 98 Resp: 47268

Ion Ratio Lower Upper

98 100

100 78.8 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): VD060971.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD060971.D (-905) (-)

10.40

20000

15000

10000

5000

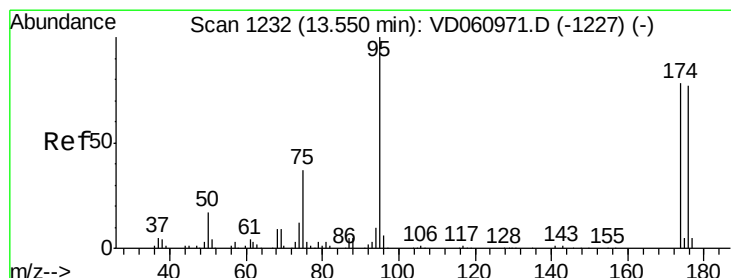
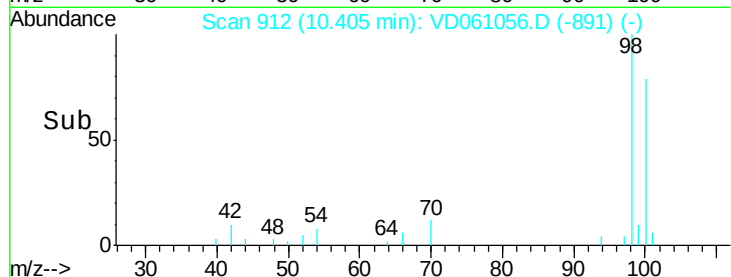
0

Time-->

10.30

10.40

10.50



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VD061056.D

Acq: 13 Mar 2019 21:39

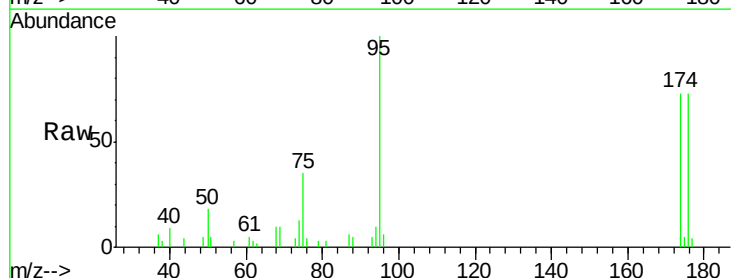
Tgt Ion: 95 Resp: 21436

Ion Ratio Lower Upper

95 100

174 73.2 0.0 155.6

176 73.4 0.0 153.8



Abundance Ion 95.00 (94.70 to 95.70): VD060971.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD060971.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD060971.D (-1227) (-)

13.55

20000

15000

10000

5000

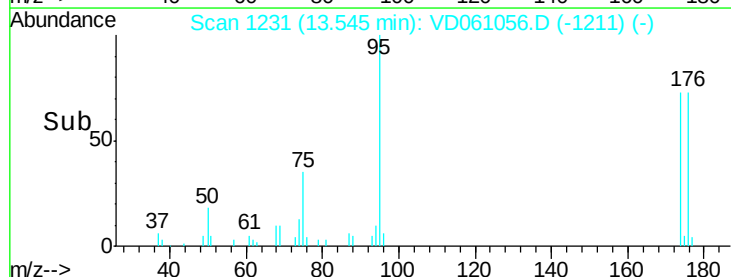
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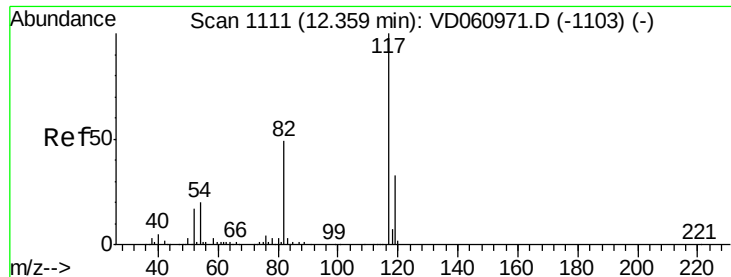
Time-->

13.50

13.55

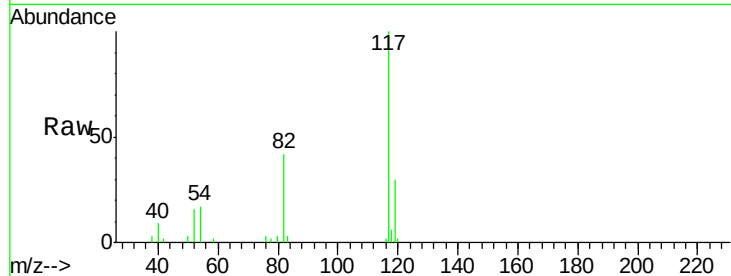
13.60



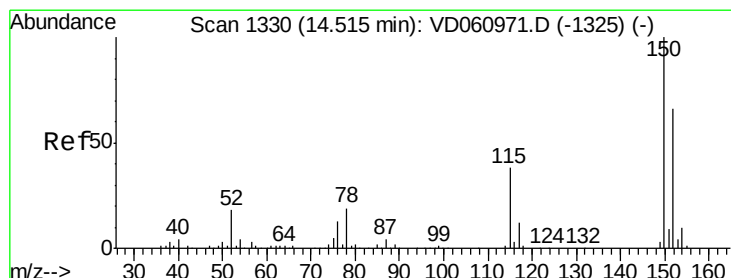
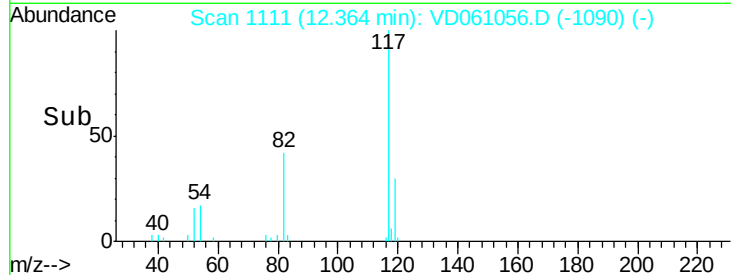
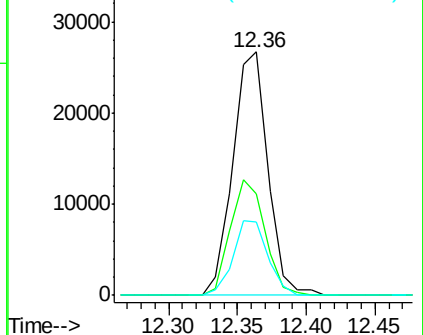


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061056.D
Acq: 13 Mar 2019 21:39

Tot Ion:117 Resp: 47171
Ion Ratio Lower Upper
117 100
82 41.6 38.9 58.3
119 29.9 26.6 39.8

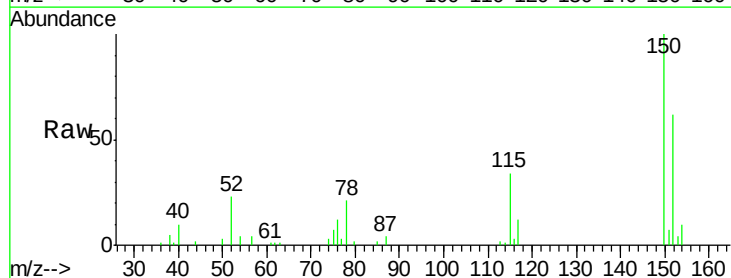


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

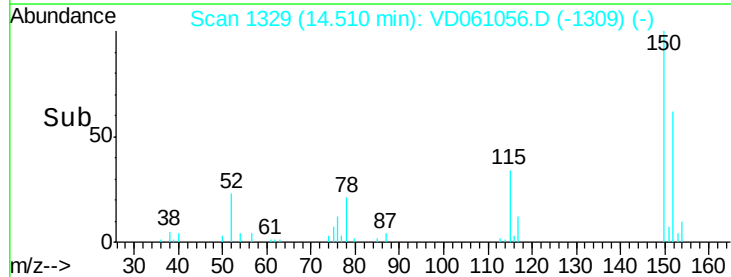
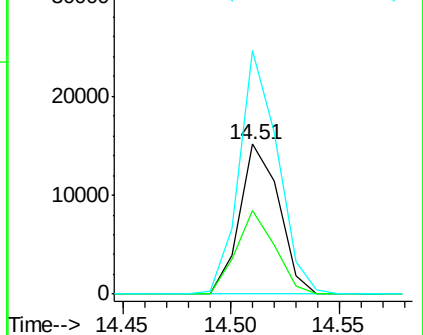


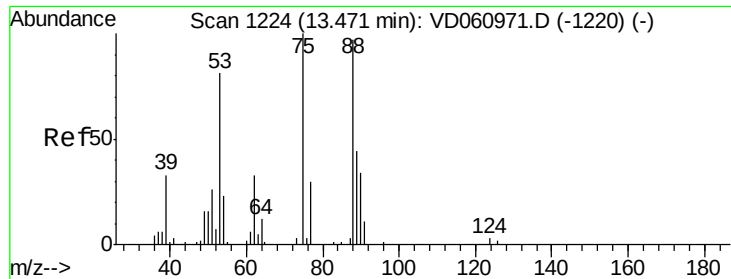
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD061056.D
Acq: 13 Mar 2019 21:39

Tgt Ion:152 Resp: 19067
Ion Ratio Lower Upper
152 100
115 55.4 28.6 85.9
150 162.5 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





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.838 ug/l
 RT: 13.55 min Scan# 1231
 Delta R.T. 0.07 min
 Lab File: VD061056.D
 Acq: 13 Mar 2019 21:39

Tot Ion	Ratio	Lower	Upper
75	100		
53	0.0	64.4	96.6#
89	0.0	34.8	52.2#

