

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031619\
 Data File : VD061130.D
 Acq On : 17 Mar 2019 2:38
 Operator : VA/AP
 Sample : K1956-05
 Misc : 7.7g/5ml/MSVOA_D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

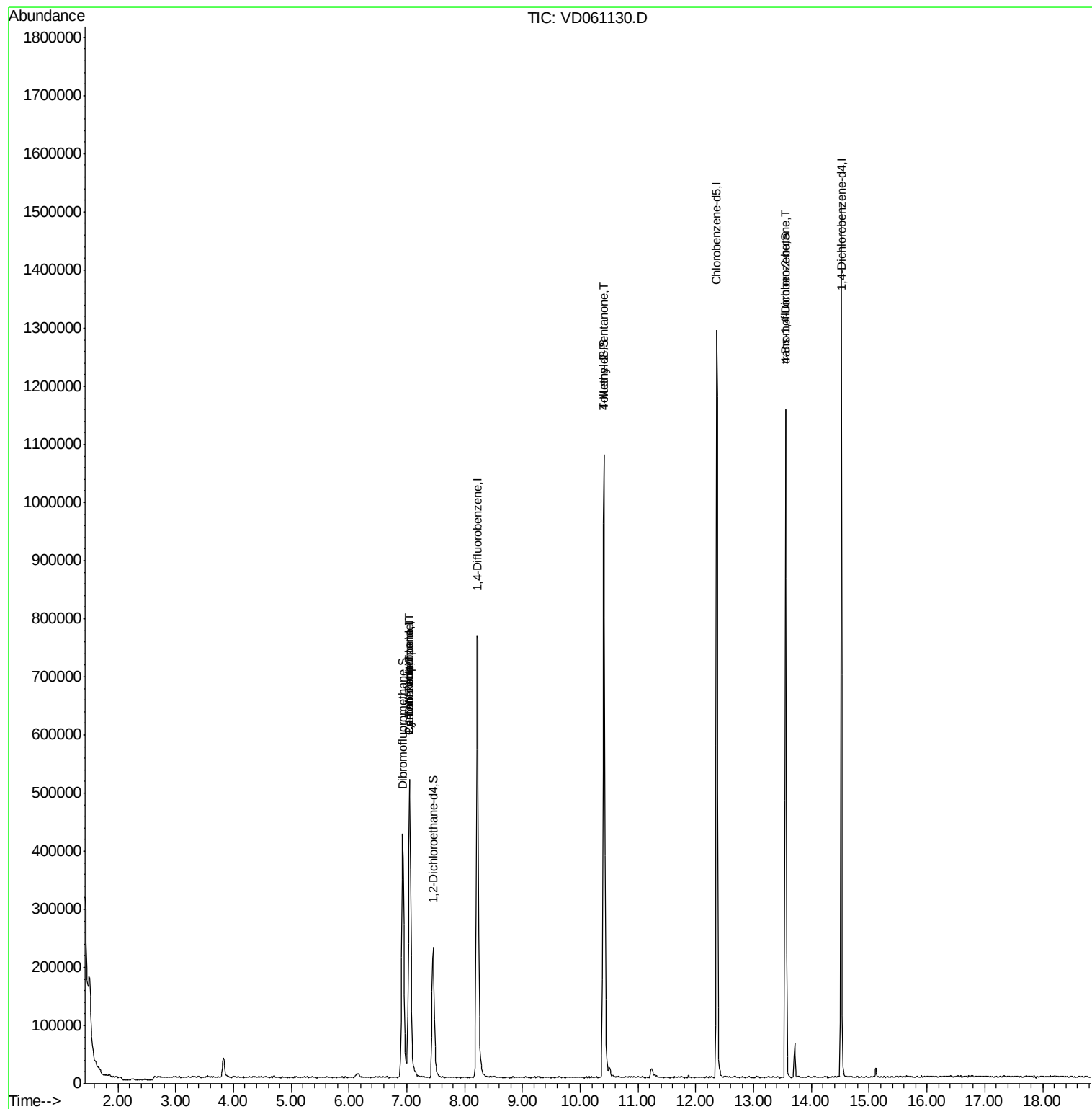
Quant Time: Mar 18 05:02:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	549966	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	994035	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.36	117	848035	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	345712	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	226095	49.39	ug/l	0.01
Spiked Amount 50.000			Recovery	=	98.78%	
35) Dibromofluoromethane	6.93	113	408276	55.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.68%	
50) Toluene-d8	10.41	98	964417	52.06	ug/l	0.01
Spiked Amount 50.000			Recovery	=	104.12%	
62) 4-Bromofluorobenzene	13.55	95	371635	51.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.40%	
Target Compounds						
20) Methylene Chloride	3.82	84	24238	Below Cal		92
31) Cyclohexane	7.04	56	9743	1.203 ug/l	#	1
36) 1,1-Dichloropropene	7.04	75	40822	4.764 ug/l	#	47
38) Carbon Tetrachloride	7.04	117	51571	5.464 ug/l	#	16
51) 4-Methyl-2-Pentanone	10.40	43	3682	1.079 ug/l	#	1
81) trans-1,4-Dichloro-2-buten	13.55	75	136845	93.324 ug/l	#	17

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD031619\
Data File : VD061130.D
Acq On : 17 Mar 2019 2:38
Operator : VA/AP
Sample : K1956-05
Misc : 7.7g/5ml/MSVOA_D/SOIL
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Mar 18 05:02:04 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: VD061130.D

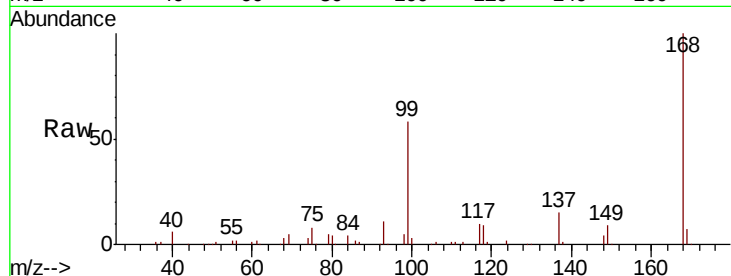
Acq: 17 Mar 2019 2:38

Tgt Ion: 168 Resp: 549966

Ion Ratio Lower Upper

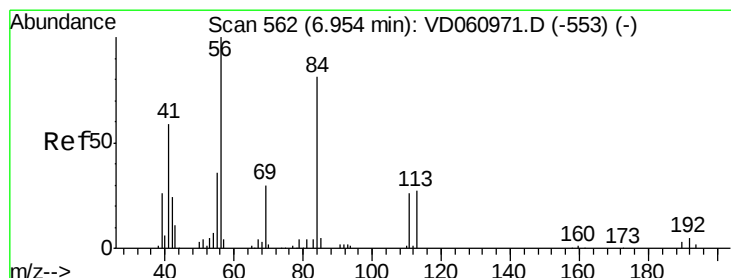
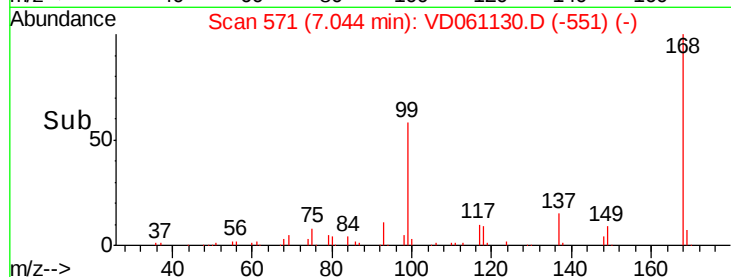
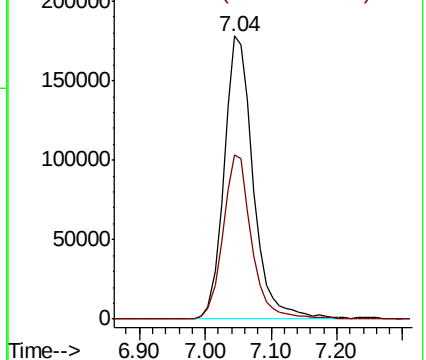
168 100

99 58.3 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#31

Cyclohexane

Concen: 1.203 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.09 min

Lab File: VD061130.D

Acq: 17 Mar 2019 2:38

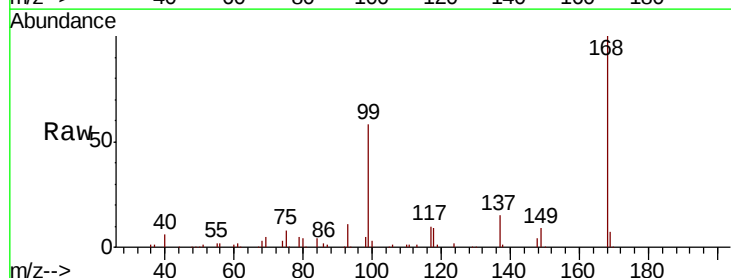
Tgt Ion: 56 Resp: 9743

Ion Ratio Lower Upper

56 100

69 235.6 24.0 36.0#

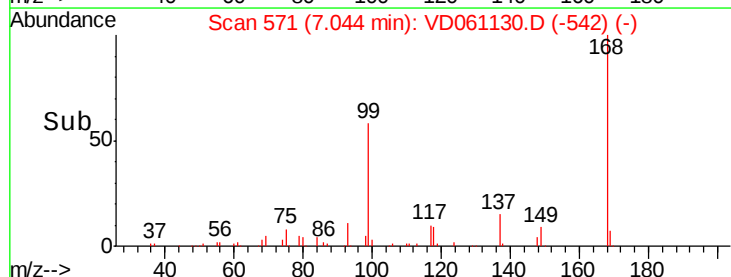
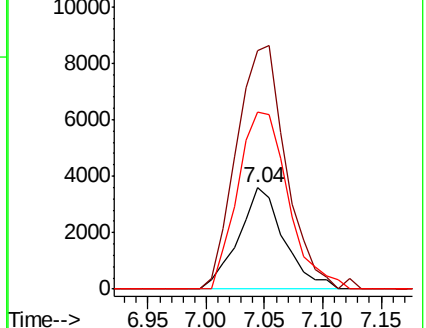
84 174.5 65.8 98.6#

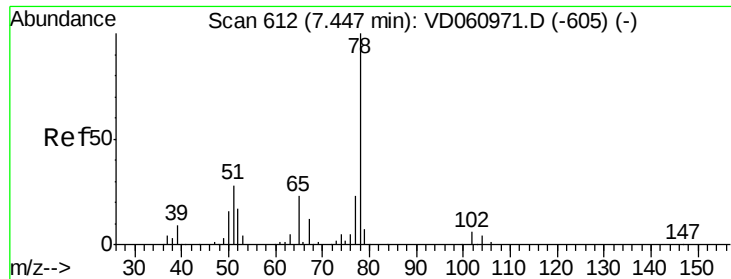


Abundance Ion 55.95 (55.65 to 56.65): VDC

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: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD061130.D

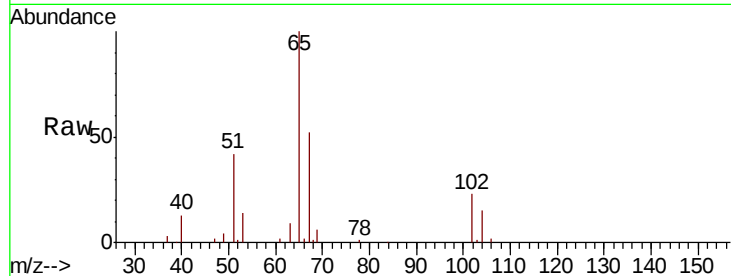
Acq: 17 Mar 2019 2:38

Tgt Ion: 65 Resp: 226095

Ion Ratio Lower Upper

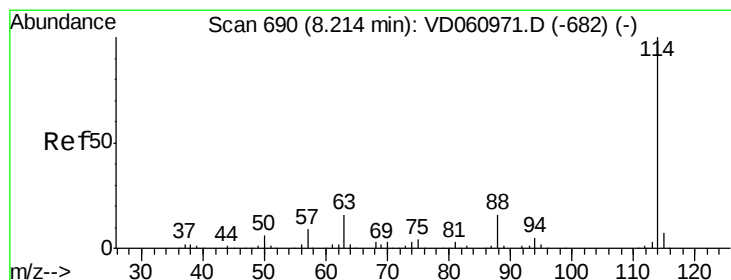
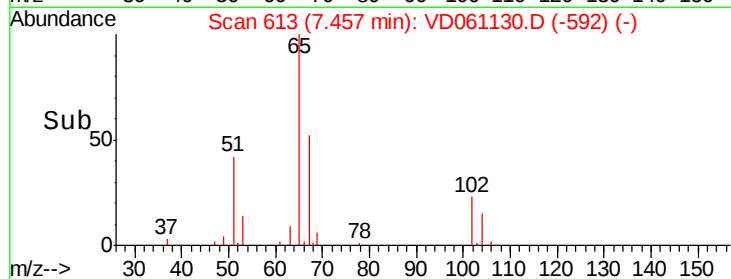
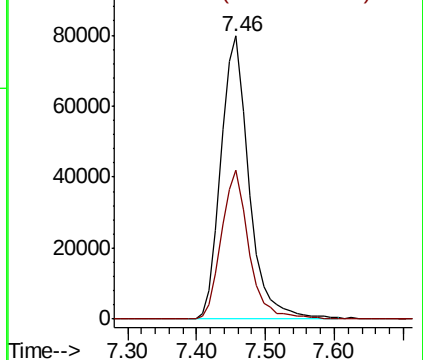
65 100

67 52.5 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: 8.23 min Scan# 691

Delta R.T. 0.01 min

Lab File: VD061130.D

Acq: 17 Mar 2019 2:38

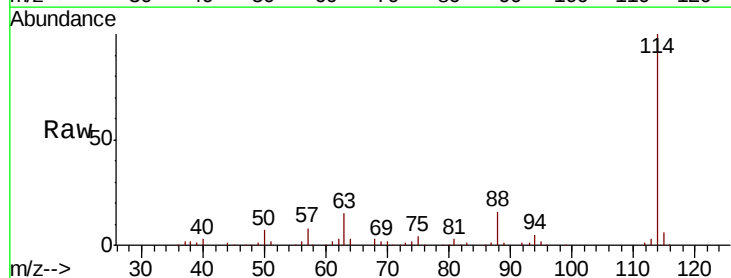
Tgt Ion: 114 Resp: 994035

Ion Ratio Lower Upper

114 100

63 15.4 0.0 31.4

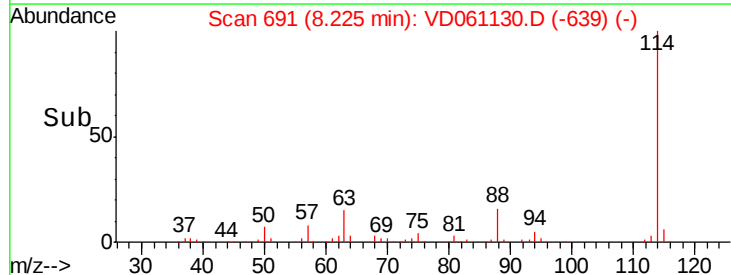
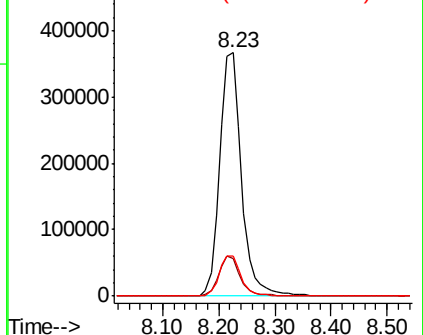
88 16.3 0.0 33.0

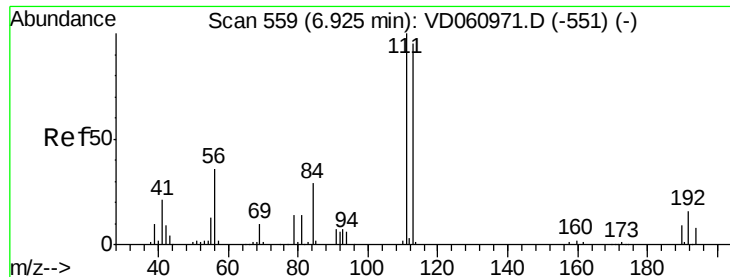


Abundance Ion 114.00 (113.70 to 114.70): V

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: 6.93 min Scan# 559

Delta R.T. 0.00 min

Lab File: VD061130.D

Acq: 17 Mar 2019 2:38

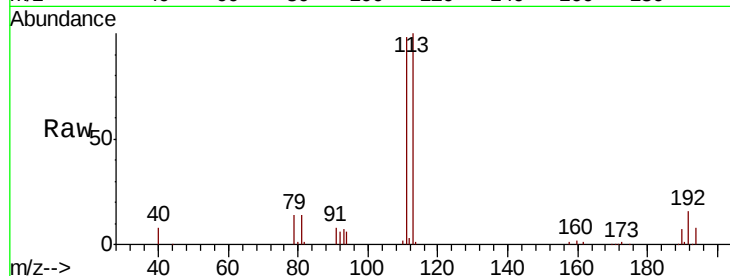
Tgt Ion: 113 Resp: 408276

Ion Ratio Lower Upper

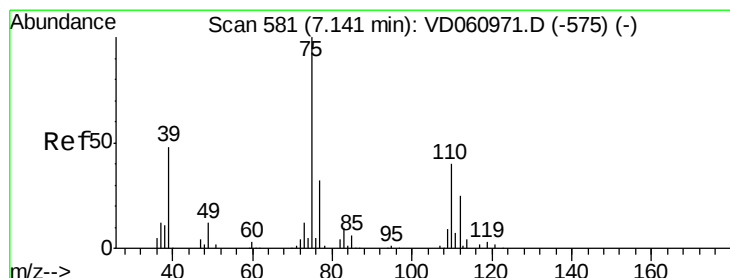
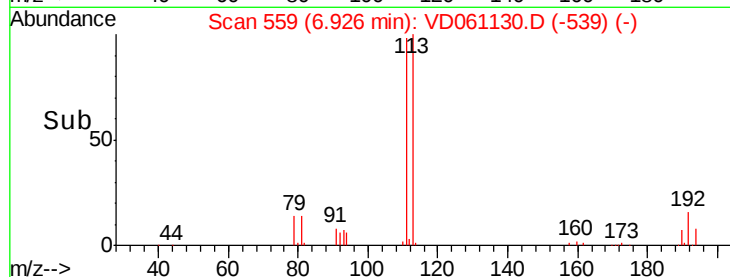
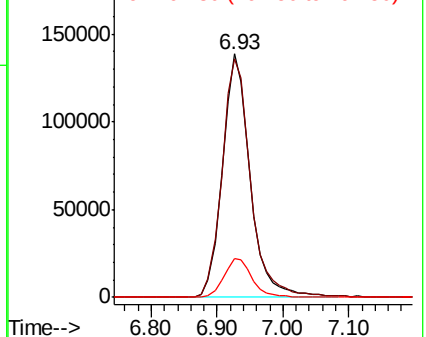
113 100

111 98.1 84.2 126.4

192 16.1 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: 4.764 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.10 min

Lab File: VD061130.D

Acq: 17 Mar 2019 2:38

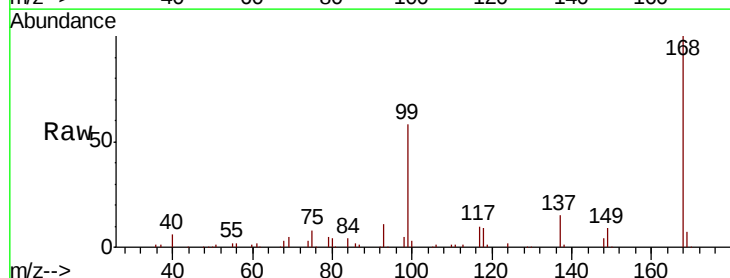
Tgt Ion: 75 Resp: 40822

Ion Ratio Lower Upper

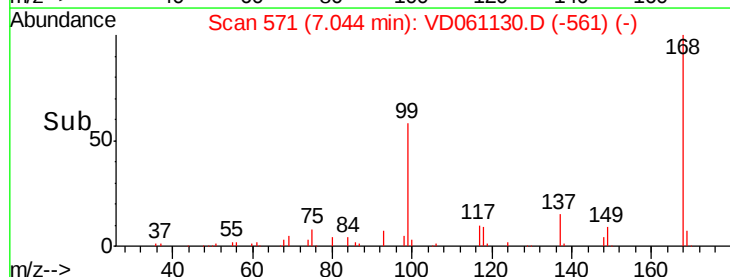
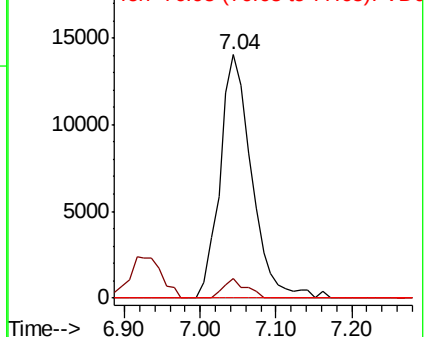
75 100

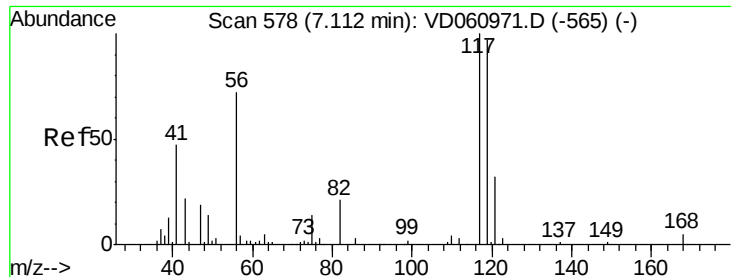
110 8.0 19.7 59.1#

77 0.0 24.7 37.1#



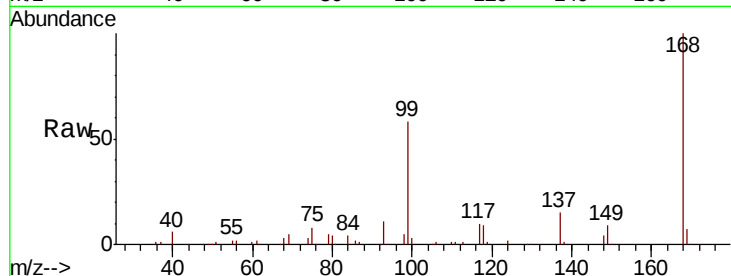
Abundance Ion 75.00 (74.70 to 75.70): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.95 (76.65 to 77.65): V



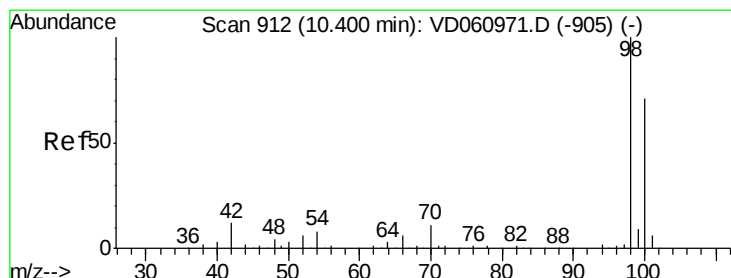
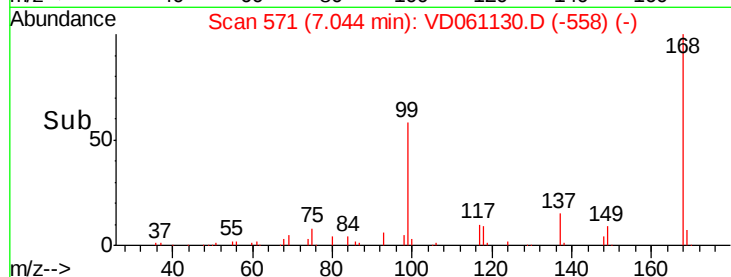
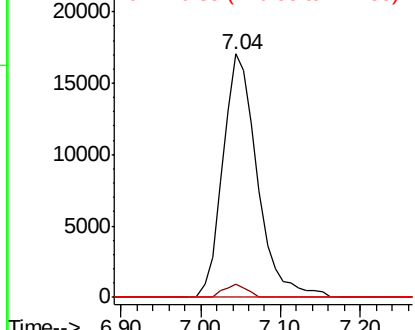


#38
Carbon Tetrachloride
Concen: 5.464 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.07 min
Lab File: VD061130.D
Acq: 17 Mar 2019 2:38

Tgt Ion: 117 Resp: 51571
Ion Ratio Lower Upper
117 100
119 5.5 77.8 116.8#
121 0.0 25.3 37.9#

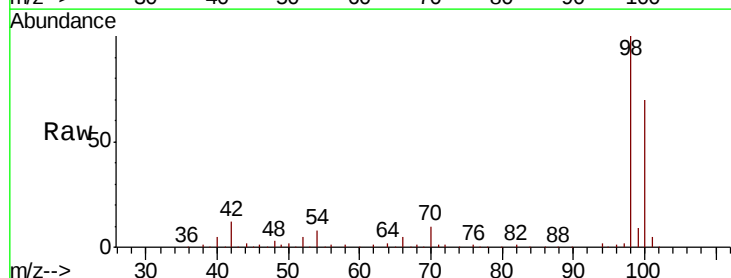


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

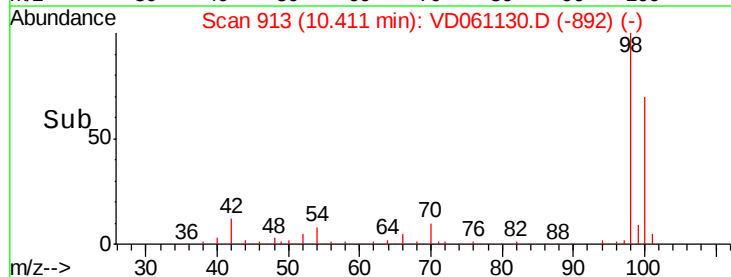
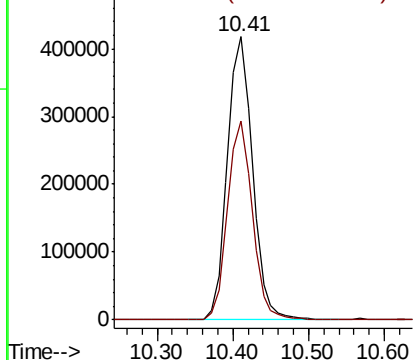


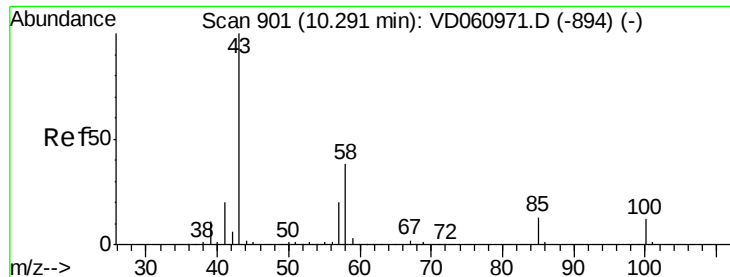
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD061130.D
Acq: 17 Mar 2019 2:38

Tgt Ion: 98 Resp: 964417
Ion Ratio Lower Upper
98 100
100 70.4 57.4 86.2



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





#51

4-Methyl-2-Pentanone

Concen: 1.079 ug/l

RT: 10.40 min Scan# 912

Delta R.T. 0.11 min

Lab File: VD061130.D

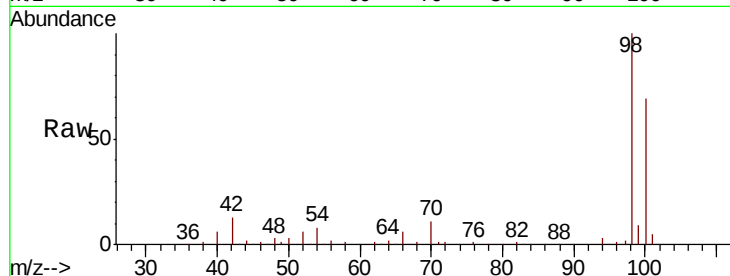
Acq: 17 Mar 2019 2:38

Tgt Ion: 43 Resp: 3682

Ion Ratio Lower Upper

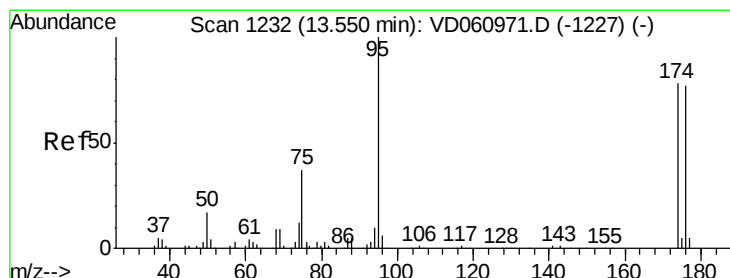
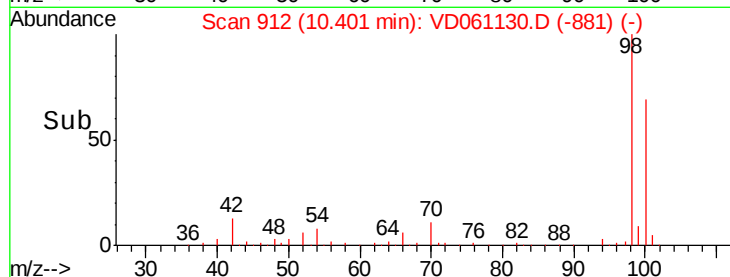
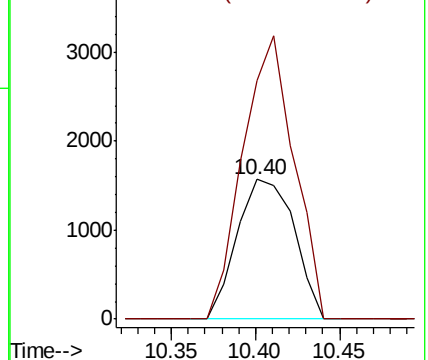
43 100

58 170.8 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: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD061130.D

Acq: 17 Mar 2019 2:38

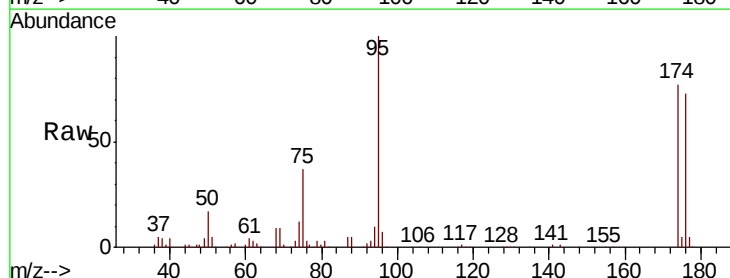
Tgt Ion: 95 Resp: 371635

Ion Ratio Lower Upper

95 100

174 77.1 0.0 155.6

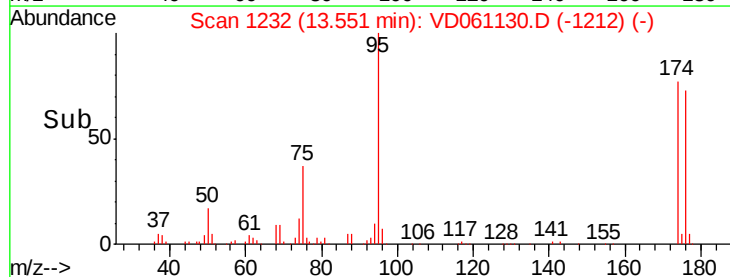
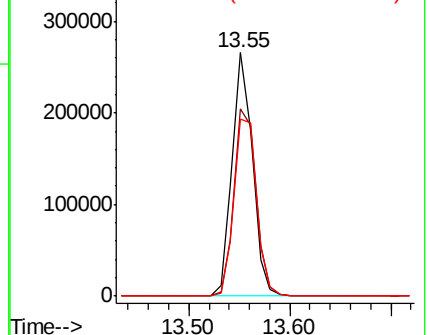
176 72.7 0.0 153.8

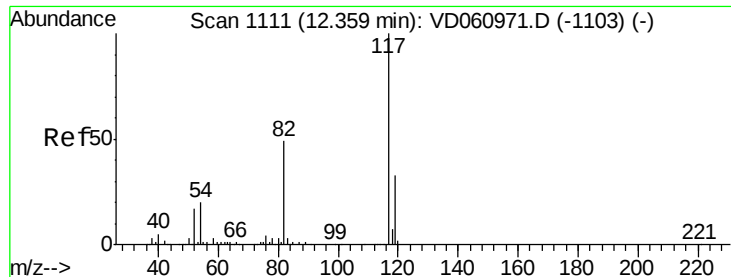


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

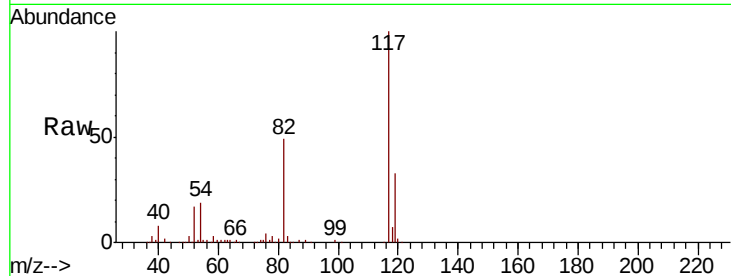
Ion 175.90 (175.60 to 176.60): V



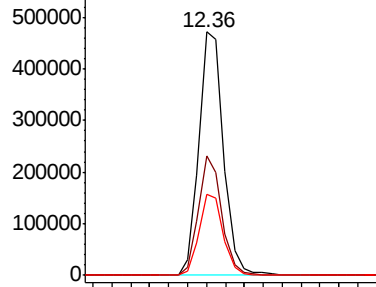


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD061130.D
Acq: 17 Mar 2019 2:38

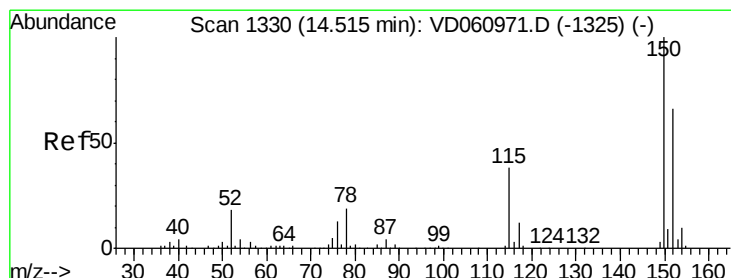
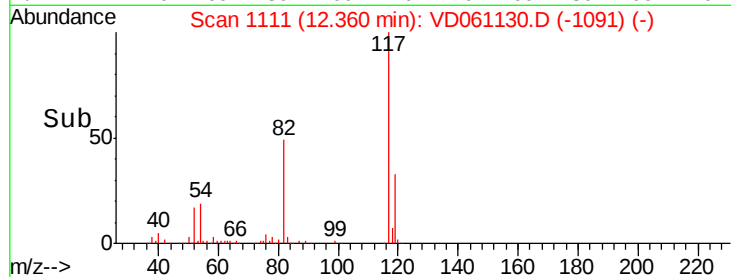
Tgt Ion:117 Resp: 848035
Ion Ratio Lower Upper
117 100
82 48.9 38.9 58.3
119 33.1 26.6 39.8



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

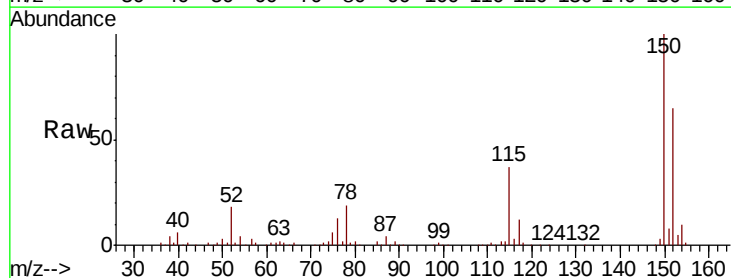


Time-->

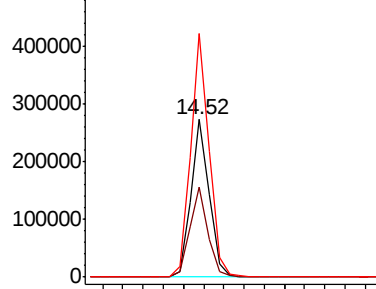


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD061130.D
Acq: 17 Mar 2019 2:38

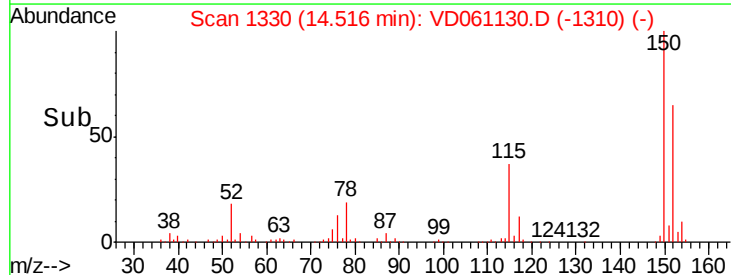
Tgt Ion:152 Resp: 345712
Ion Ratio Lower Upper
152 100
115 57.1 28.6 85.9
150 154.5 0.0 310.6

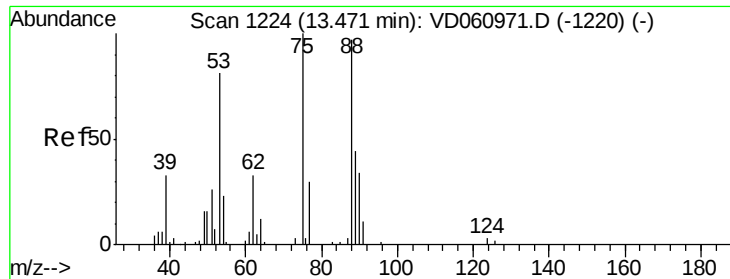


Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



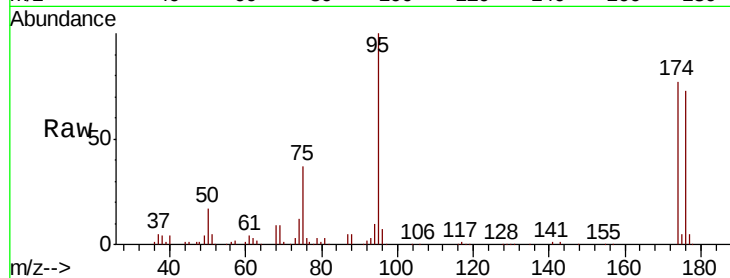
Time-->





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.324 ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. 0.08 min
 Lab File: VD061130.D
 Acq: 17 Mar 2019 2:38

Tgt 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

