

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD043019\
 Data File : VD062089.D
 Acq On : 30 Apr 2019 16:04
 Operator : FY/SY
 Sample : K2617-01
 Misc : 5.01µm/5mL/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

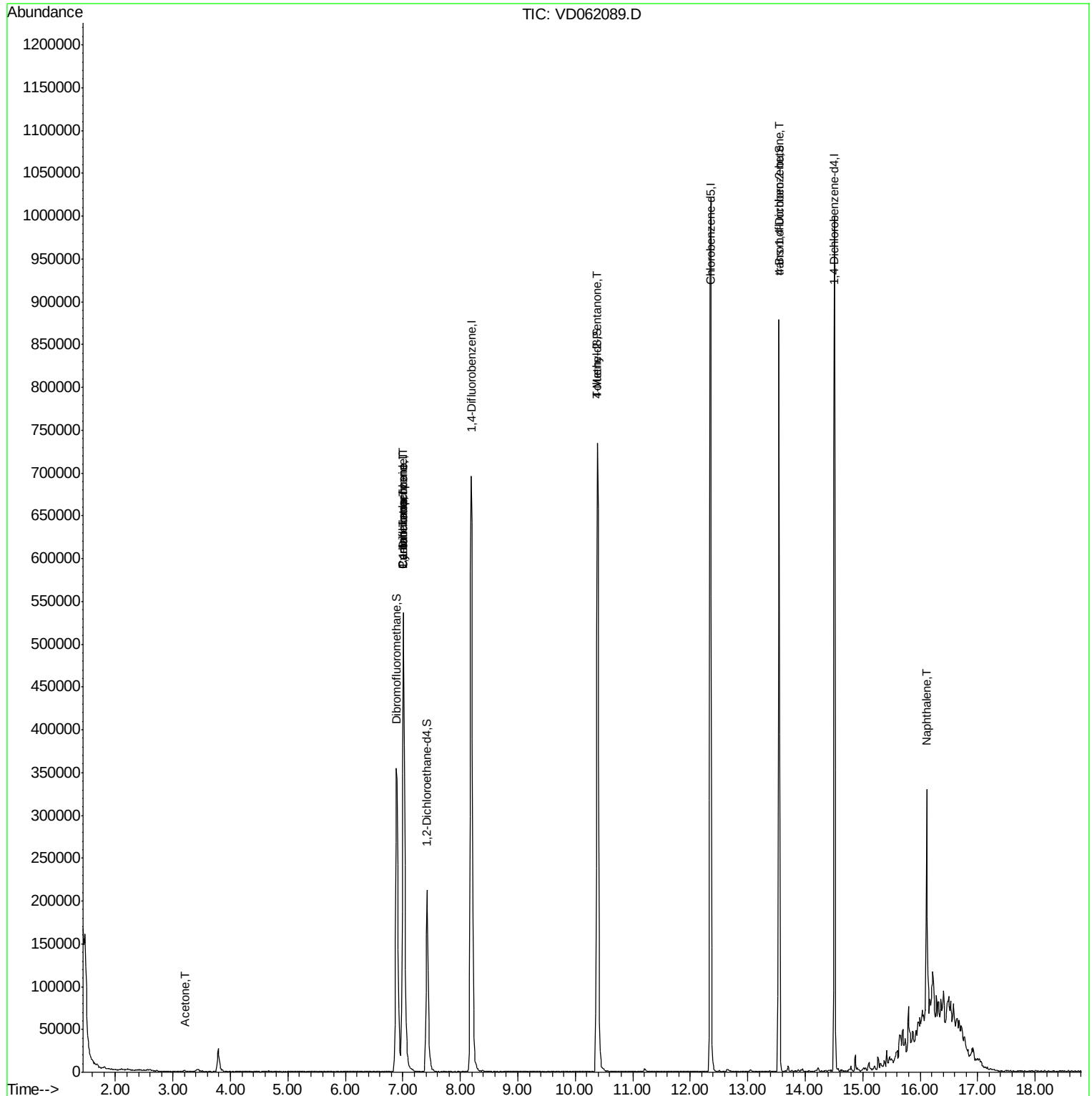
Quant Time: May 01 01:15:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

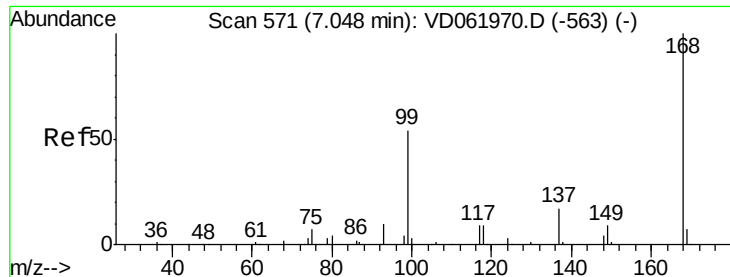
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	539908	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.19	114	872408	50.00	ug/l	-0.04
63) Chlorobenzene-d5	12.35	117	680965	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	232843	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.42	65	216619	51.26	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	102.52%	
35) Dibromofluoromethane	6.89	113	338606	56.12	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	112.24%	
50) Toluene-d8	10.38	98	650259	45.29	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	90.58%	
62) 4-Bromofluorobenzene	13.54	95	259814	45.12	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	90.24%	
Target Compounds						
					Qvalue	
16) Acetone	3.21	43	1694	1.679	ug/l #	50
31) Cyclohexane	7.01	56	8644	1.373	ug/l #	1
36) 1,1-Dichloropropene	7.01	75	40627	5.977	ug/l #	46
38) Carbon Tetrachloride	7.01	117	53781	6.244	ug/l #	15
51) 4-Methyl-2-Pentanone	10.38	43	2793	1.079	ug/l #	1
81) trans-1,4-Dichloro-2-buten	13.54	75	98179	109.573	ug/l #	16
95) Naphthalene	16.11	128	158424	28.253	ug/l	100

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

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Quant Title : SW846 8260
QLast Update : Tue Apr 23 14:52:55 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 568

Delta R.T. -0.04 min

Lab File: VD062089.D

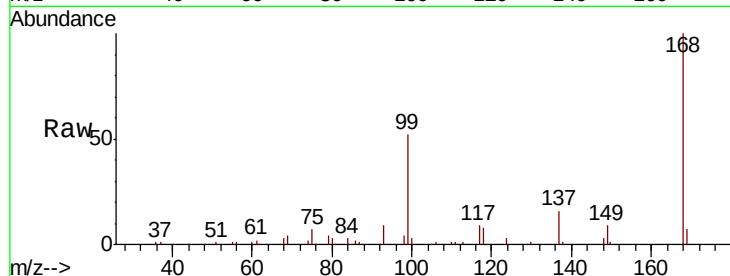
Acq: 30 Apr 2019 16:04

Tot Ion:168 Resp: 539908

Ion Ratio Lower Upper

168 100

99 52.2 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.02

200000

150000

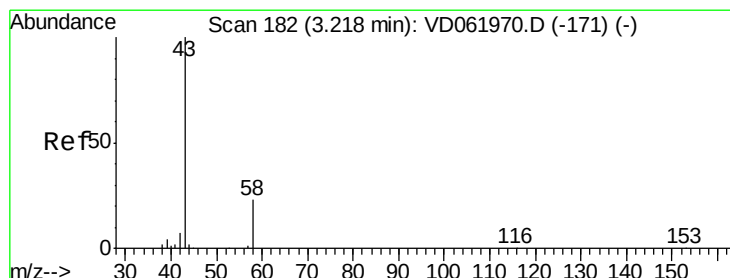
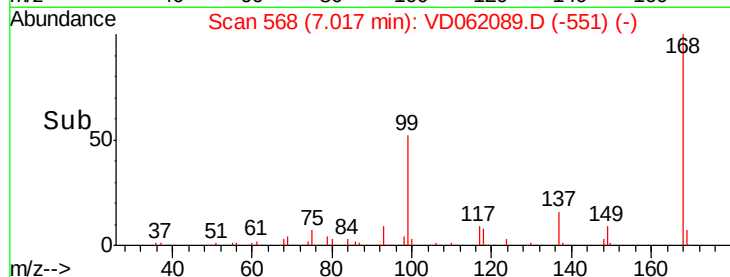
100000

50000

0

6.90 7.00 7.10 7.20 7.30

Time-->



#16

Acetone

Concen: 1.679 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.02 min

Lab File: VD062089.D

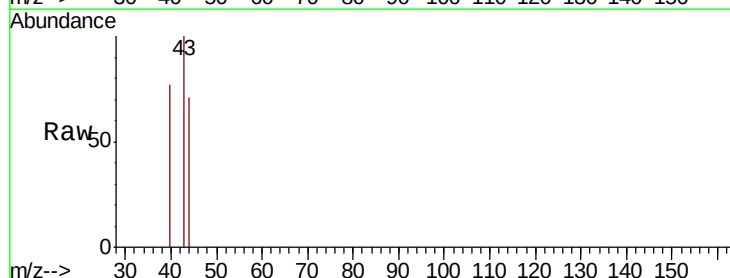
Acq: 30 Apr 2019 16:04

Tgt Ion: 43 Resp: 1694

Ion Ratio Lower Upper

43 100

58 0.0 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.21

1000

800

600

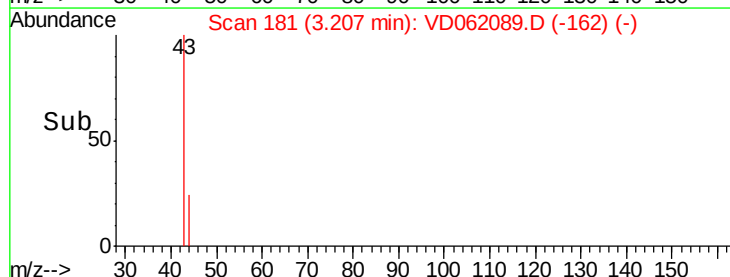
400

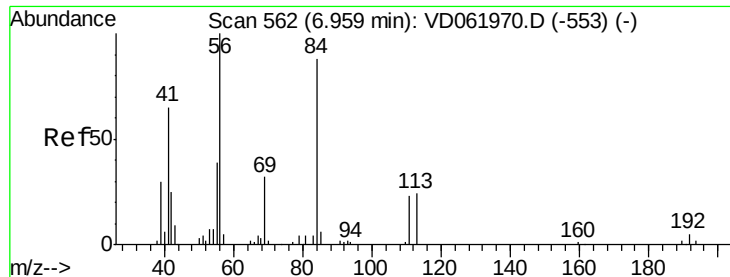
200

0

3.15 3.20 3.25

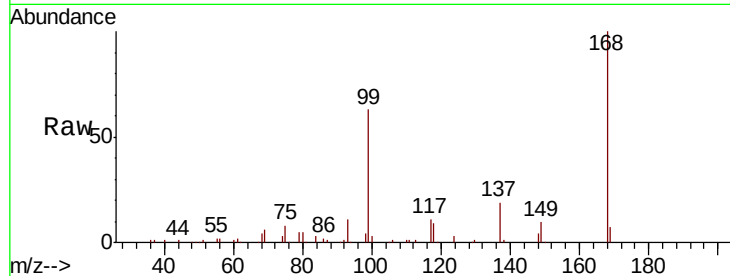
Time-->



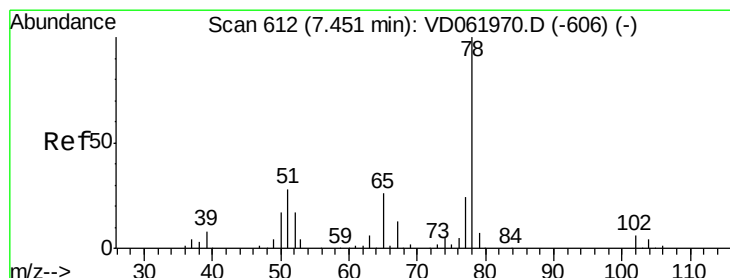
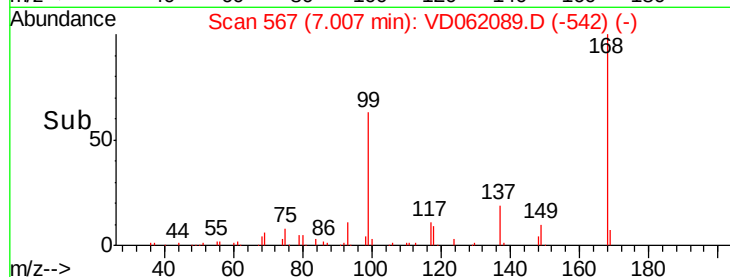
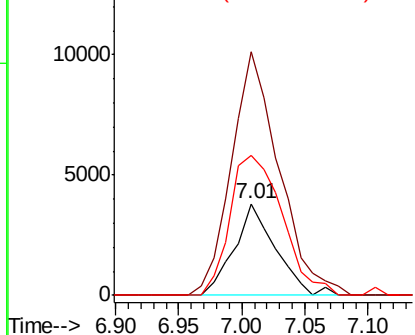


#31
Cvclohexane
Concen: 1.373 ug/l
RT: 7.01 min Scan# 567
Delta R.T. 0.04 min
Lab File: VD062089.D
Acq: 30 Apr 2019 16:04

Tot Ion: 56 Resp: 8644
Ion Ratio Lower Upper
56 100
69 266.6 25.8 38.6#
84 152.8 72.2 108.4#

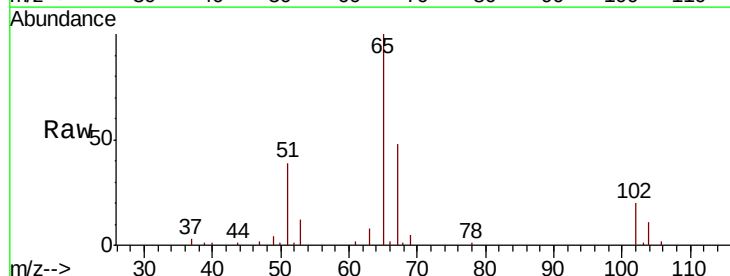


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

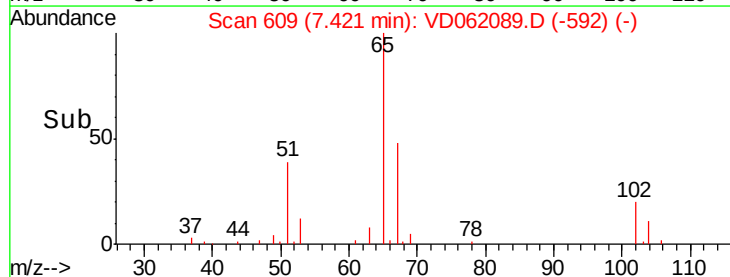
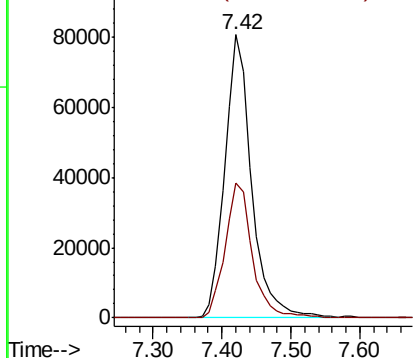


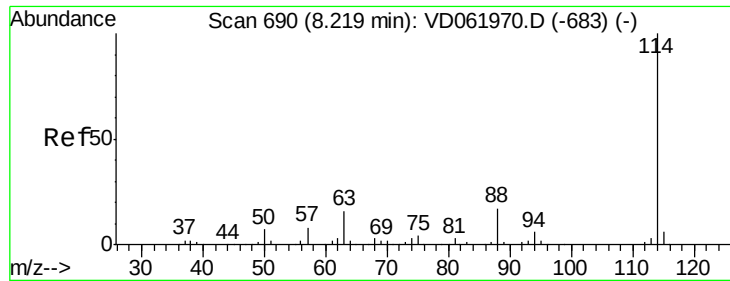
#33
1,2-Dichloroethane-d4
Concen: 51.263 ug/l
RT: 7.42 min Scan# 609
Delta R.T. -0.04 min
Lab File: VD062089.D
Acq: 30 Apr 2019 16:04

Tgt Ion: 65 Resp: 216619
Ion Ratio Lower Upper
65 100
67 47.5 0.0 98.0



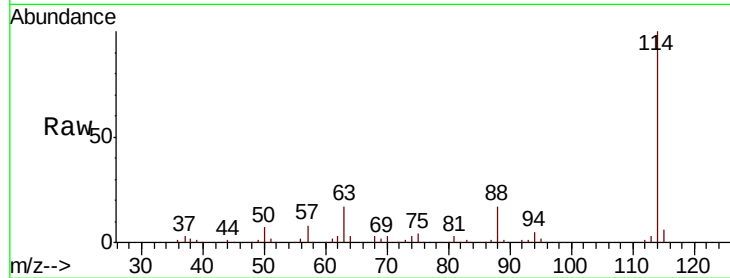
Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC



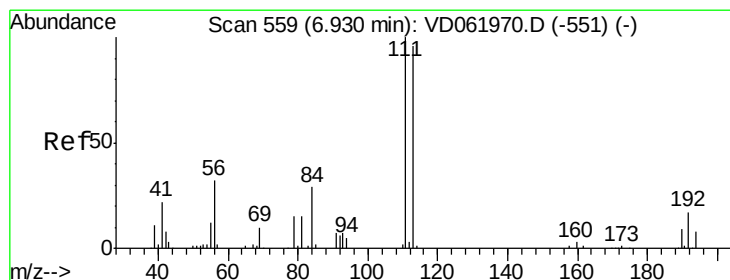
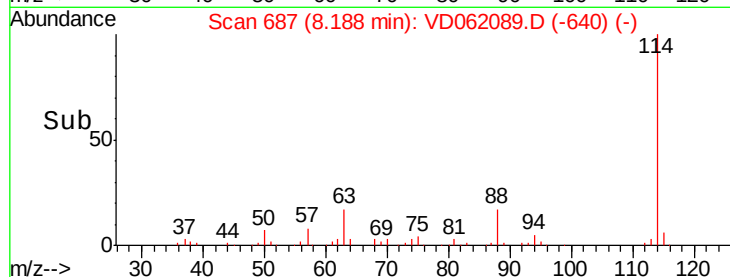
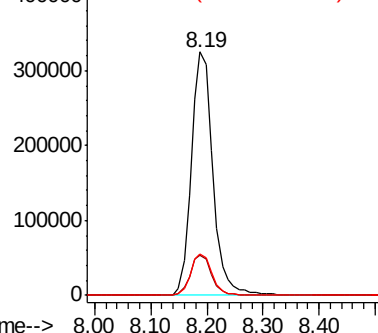


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.19 min Scan# 687
Delta R.T. -0.04 min
Lab File: VD062089.D
Acq: 30 Apr 2019 16:04

Tot Ion:114 Resp: 872408
Ion Ratio Lower Upper
114 100
63 16.6 0.0 32.4
88 17.2 0.0 33.6

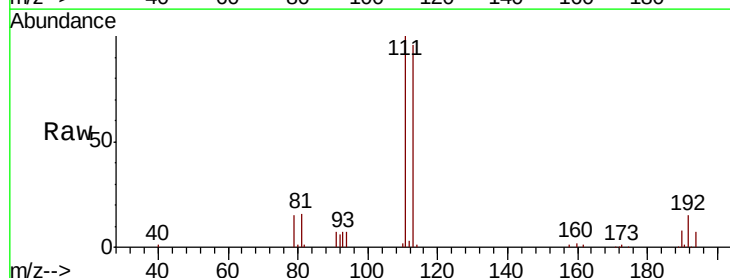


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 62.95 (62.65 to 63.65): V
Ion 87.90 (87.60 to 88.60): V

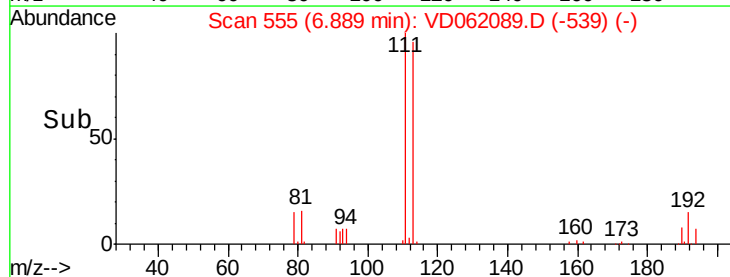
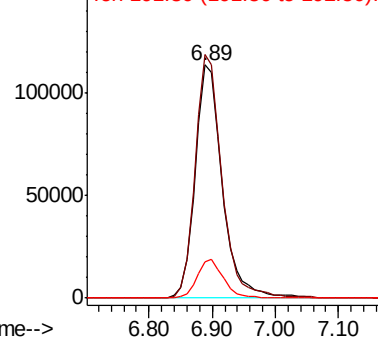


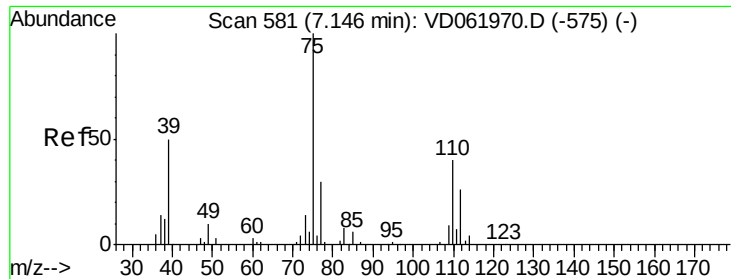
#35
Dibromofluoromethane
Concen: 56.121 ug/l
RT: 6.89 min Scan# 555
Delta R.T. -0.04 min
Lab File: VD062089.D
Acq: 30 Apr 2019 16:04

Tgt Ion:113 Resp: 338606
Ion Ratio Lower Upper
113 100
111 104.5 78.5 117.7
192 15.7 13.0 19.4



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: 5.977 ug/l

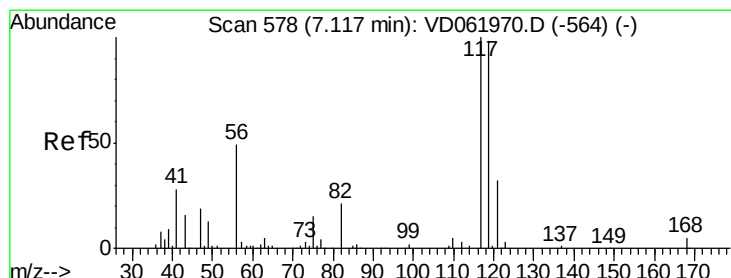
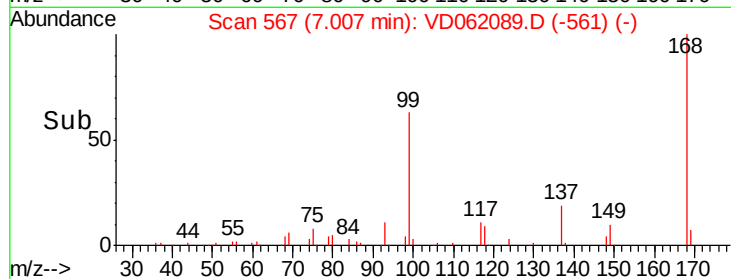
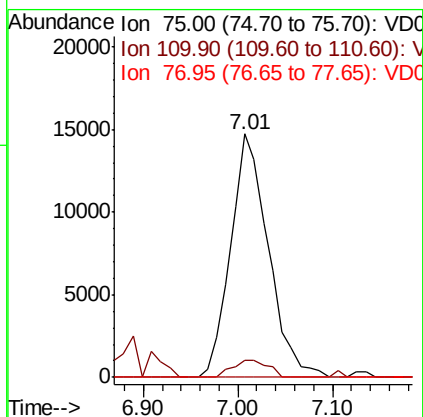
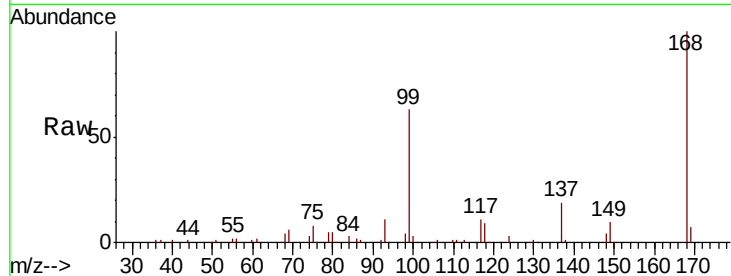
RT: 7.01 min Scan# 567

Delta R.T. -0.14 min

Lab File: VD062089.D

Acq: 30 Apr 2019 16:04

Tot Ion:	75	Resp:	40627
Ion	Ratio	Lower	Upper
75	100		
110	6.9	19.1	57.1#
77	0.0	25.6	38.4#



#38

Carbon Tetrachloride

Concen: 6.244 ug/l

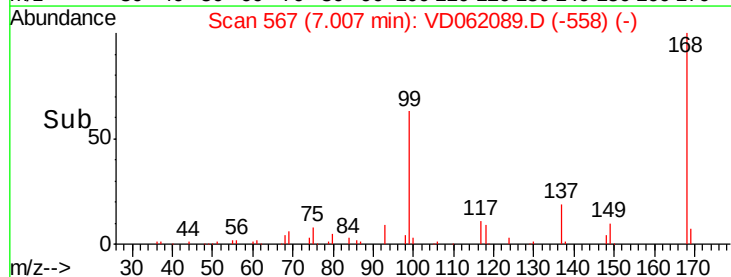
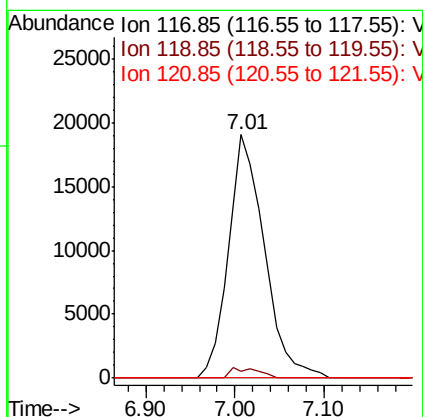
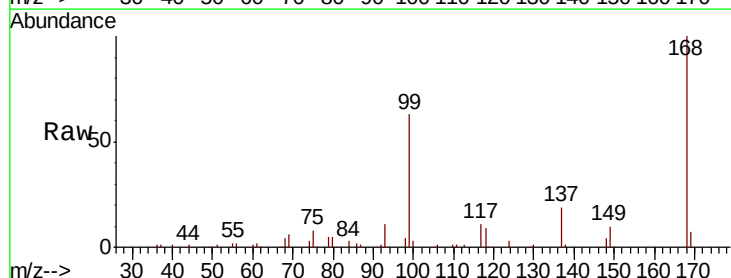
RT: 7.01 min Scan# 567

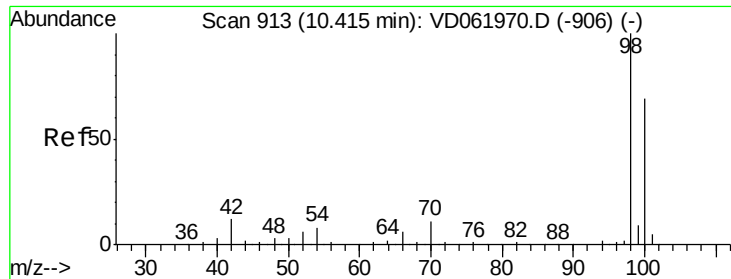
Delta R.T. -0.11 min

Lab File: VD062089.D

Acq: 30 Apr 2019 16:04

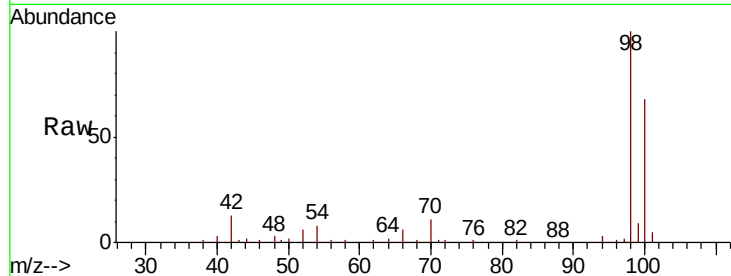
Tgt Ion:	117	Resp:	53781
Ion	Ratio	Lower	Upper
117	100		
119	2.9	75.8	113.8#
121	0.0	25.9	38.9#



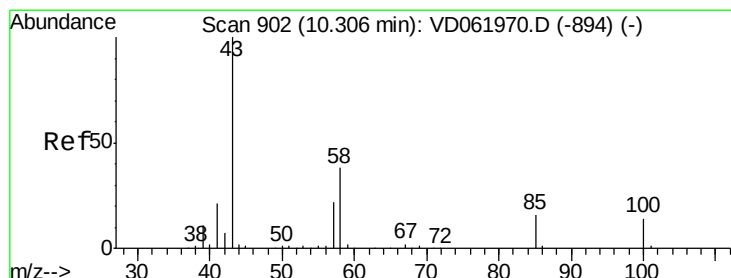
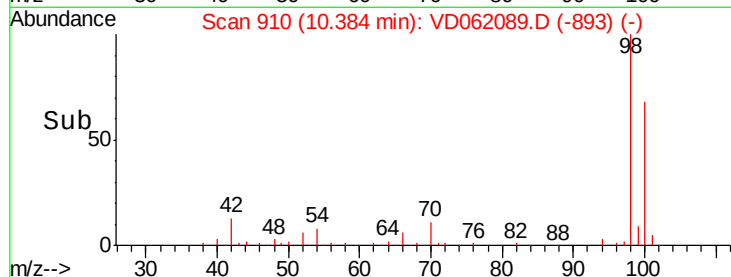
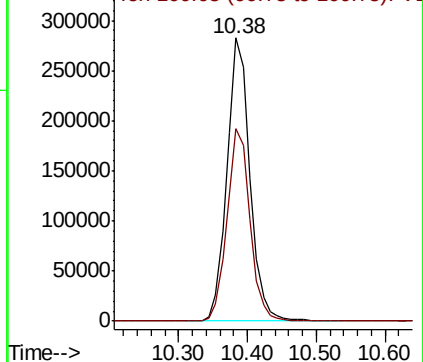


#50
Toluene-d8
Concen: 45.293 ug/l
RT: 10.38 min Scan# 910
Delta R.T. -0.04 min
Lab File: VD062089.D
Acq: 30 Apr 2019 16:04

Tot Ion: 98 Resp: 650259
Ion Ratio Lower Upper
98 100
100 68.1 53.8 80.8

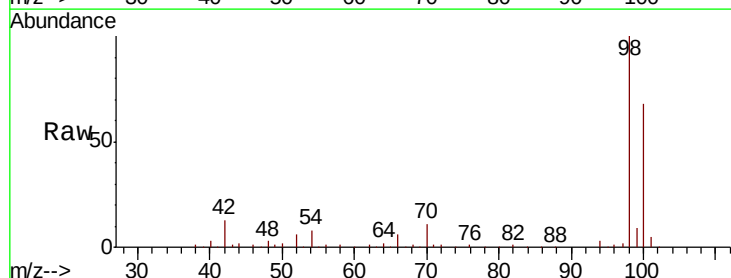


Abundance Ion 98.05 (97.75 to 98.75): VD061970.D (-906) (-)
Ion 100.05 (99.75 to 100.75): VD061970.D (-906) (-)

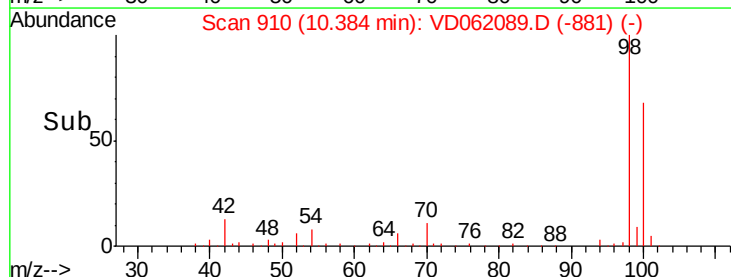
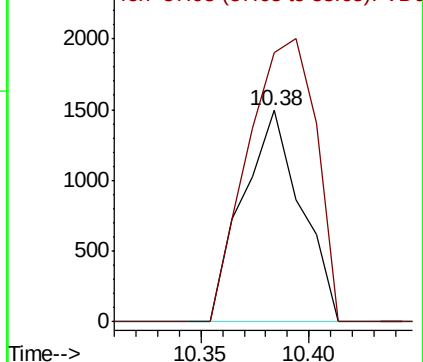


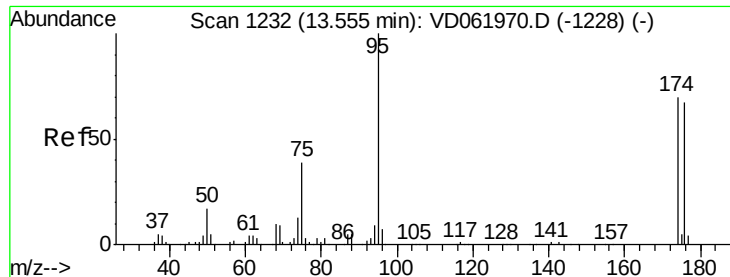
#51
4-Methyl-2-Pentanone
Concen: 1.079 ug/l
RT: 10.38 min Scan# 910
Delta R.T. 0.08 min
Lab File: VD062089.D
Acq: 30 Apr 2019 16:04

Tgt Ion: 43 Resp: 2793
Ion Ratio Lower Upper
43 100
58 127.4 30.4 45.6#



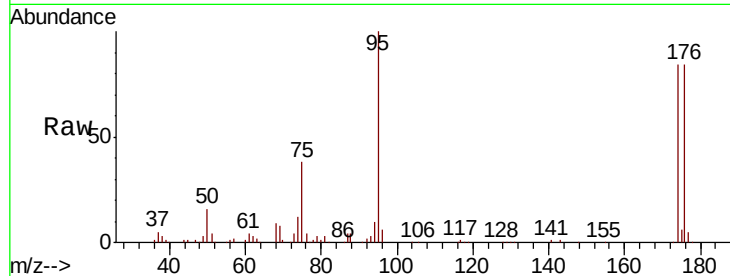
Abundance Ion 42.95 (42.65 to 43.65): VD061970.D (-894) (-)
Ion 57.95 (57.65 to 58.65): VD061970.D (-894) (-)





#62
 4-Bromofluorobenzene
 Concen: 45.119 ug/l
 RT: 13.54 min Scan# 1231
 Delta R.T. -0.02 min
 Lab File: VD062089.D
 Acq: 30 Apr 2019 16:04

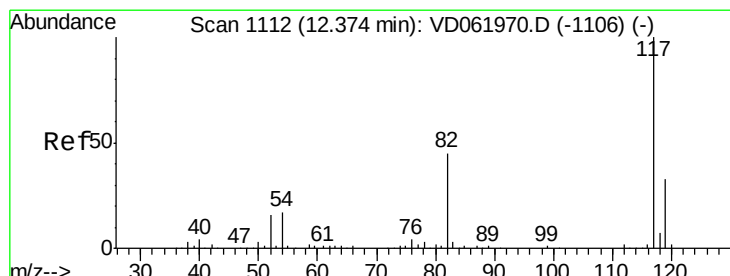
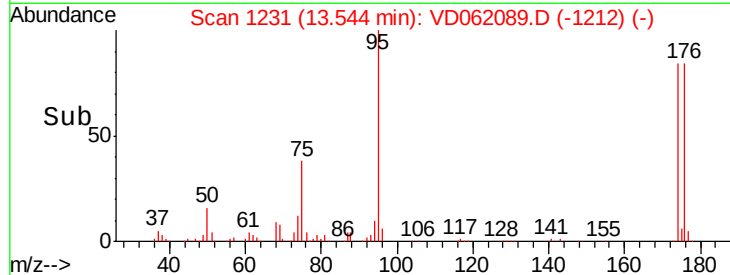
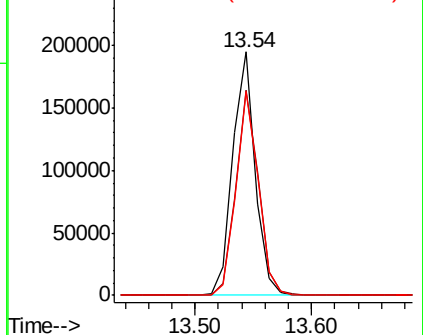
Tot Ion	95	Resp	259814
Ion Ratio	100		
Lower			
Upper			
174	84.3	0.0	181.8
176	83.8	0.0	174.4



Abundance Ion 95.00 (94.70 to 95.70): V

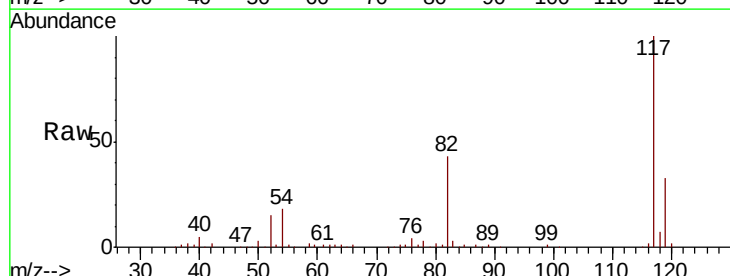
Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.35 min Scan# 1110
 Delta R.T. -0.02 min
 Lab File: VD062089.D
 Acq: 30 Apr 2019 16:04

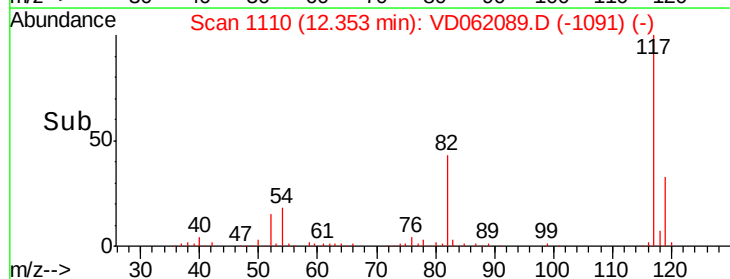
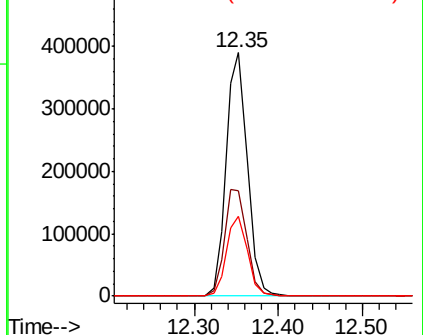
Tgt Ion	117	Resp	680965
Ion Ratio	100		
Lower			
Upper			
82	43.1	36.2	54.2
119	32.9	26.2	39.4

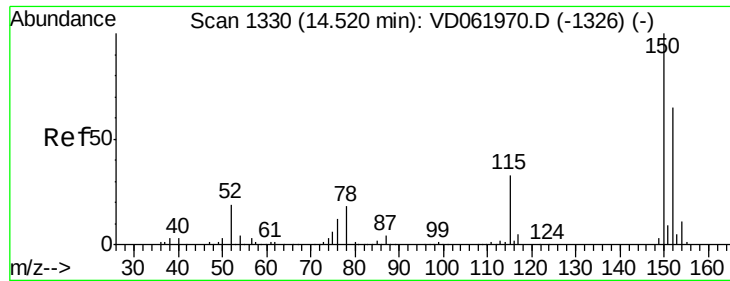


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

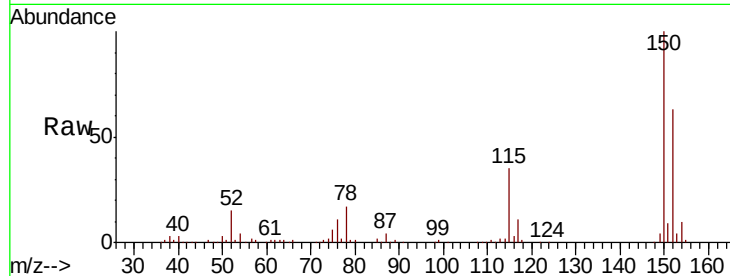




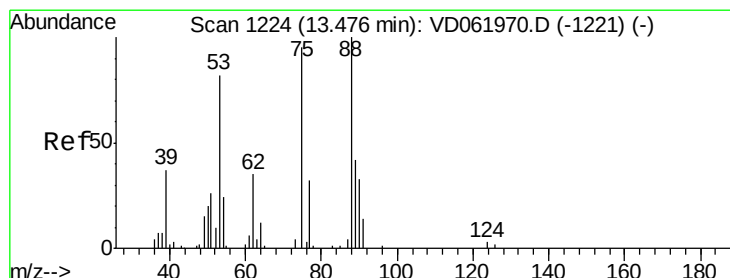
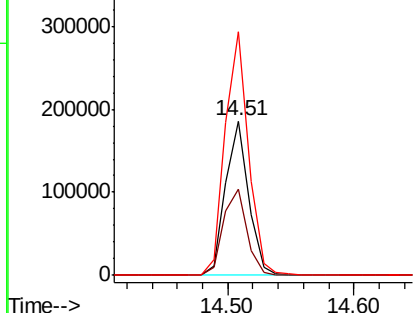
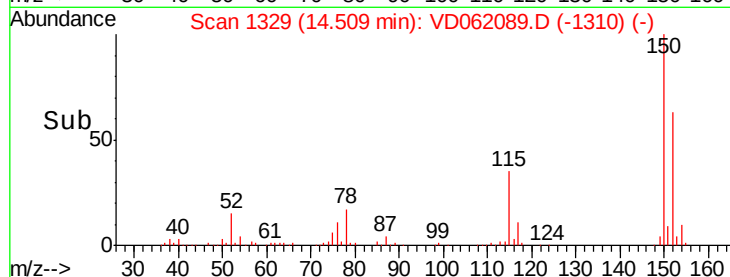
#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.02 min
Lab File: VD062089.D
Acq: 30 Apr 2019 16:04

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.8	30.9	92.7
150	157.7	0.0	314.8



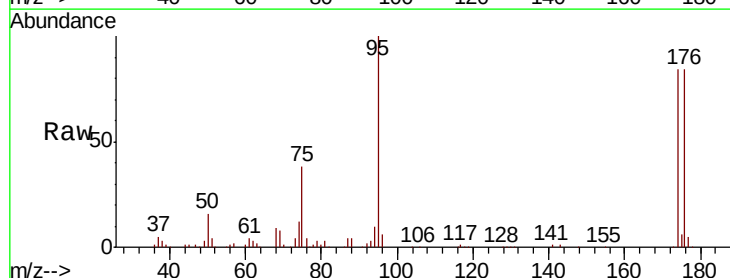
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



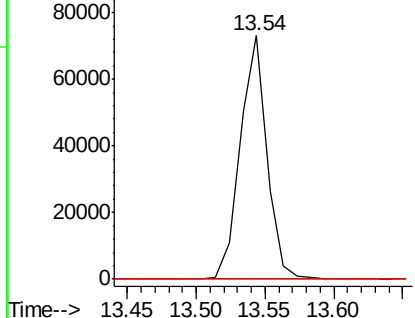
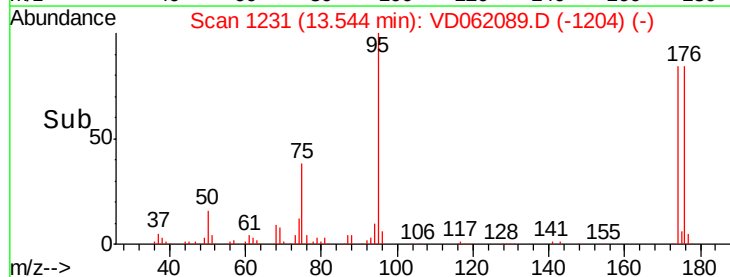
#81

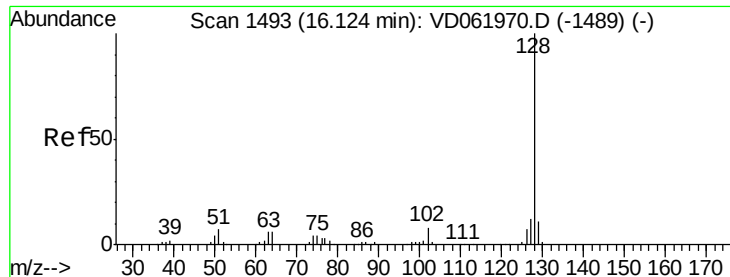
trans-1,4-Dichloro-2-butene
Concen: 109.573 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. 0.06 min
Lab File: VD062089.D
Acq: 30 Apr 2019 16:04

Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	65.8	98.8#
89	0.0	35.0	52.6#



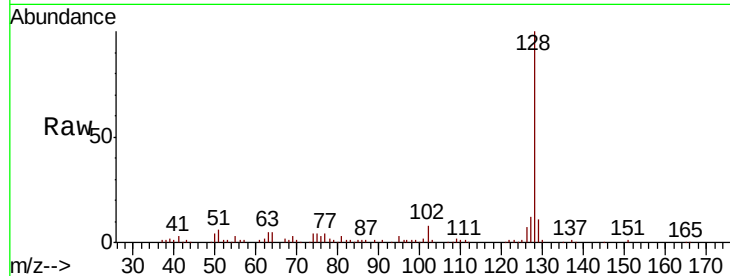
Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 89.00 (88.70 to 89.70): VDC





#95
 Naphthalene
 Concen: 28.253 ug/l
 RT: 16.11 min Scan# 1492
 Delta R.T. -0.02 min
 Lab File: VD062089.D
 Acq: 30 Apr 2019 16:04

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.3	9.8	14.8
129	10.8	8.8	13.2



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

