

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD043019\
 Data File : VD062083.D
 Acq On : 30 Apr 2019 13:05
 Operator : FY/SY
 Sample : VD0430SBL01
 Misc : 5.00gm/5mL/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

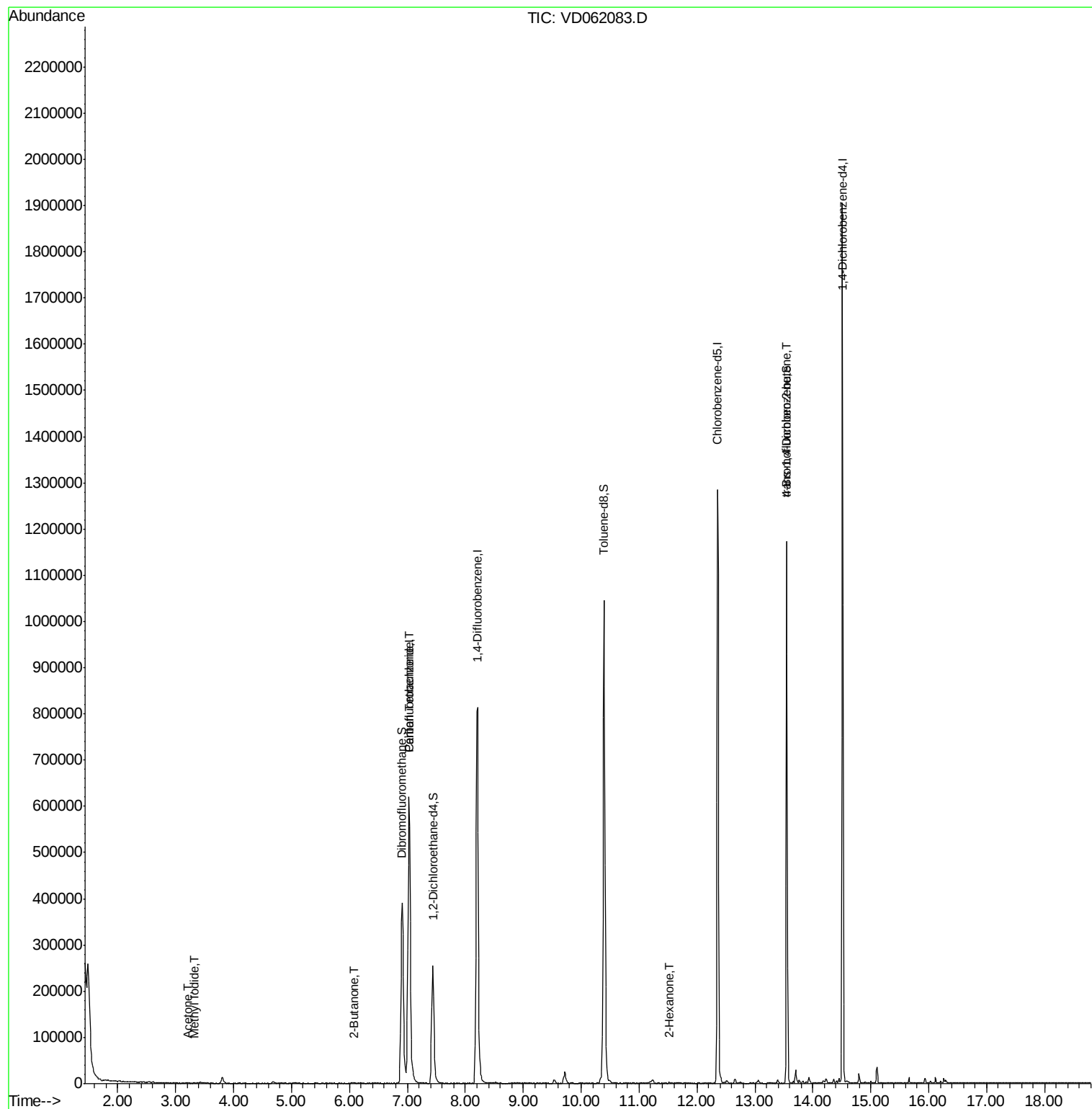
Quant Time: May 01 01:13:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	607986	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	1015880	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.35	117	803975	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	414320	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	262145	55.09	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	110.18%	
35) Dibromofluoromethane	6.91	113	380881	54.21	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	108.42%	
50) Toluene-d8	10.39	98	908815	54.36	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	108.72%	
62) 4-Bromofluorobenzene	13.54	95	372035	55.48	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	110.96%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	3.32	142	1756	5.605	ug/l #	37
16) Acetone	3.20	43	3216	2.831	ug/l #	50
18) Methyl Acetate	3.64	43	386	Below Cal	#	53
20) Methylene Chloride	3.81	84	8774	Below Cal		97
25) 2-Butanone	6.06	43	1384	1.005	ug/l #	56
38) Carbon Tetrachloride	7.03	117	62024	6.184	ug/l #	16
59) 2-Hexanone	11.53	43	2345	1.037	ug/l	92
81) trans-1,4-Dichloro-2-buten	13.54	75	145229	91.089	ug/l #	16

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD043019\
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Acq On : 30 Apr 2019 13:05
Operator : FY/SY
Sample : VD0430SBL01
Misc : 5.00qm/5mL/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 01 01:13:02 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
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: 7.03 min Scan# 569

Delta R.T. -0.02 min

Lab File: VD062083.D

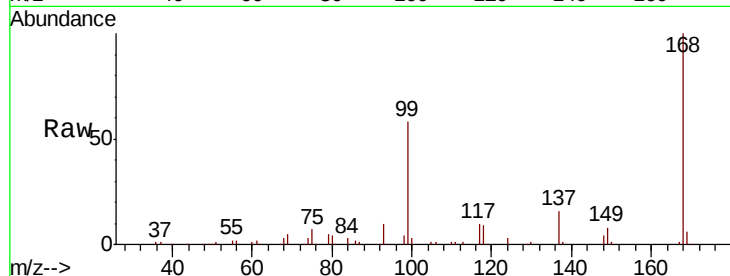
Acq: 30 Apr 2019 13:05

Tot Ion:168 Resp: 607986

Ion Ratio Lower Upper

168 100

99 57.6 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): V

7.03

250000

200000

150000

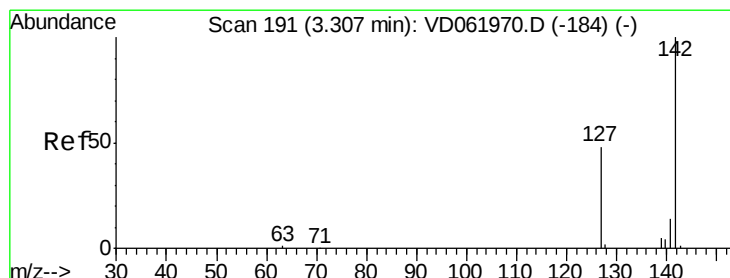
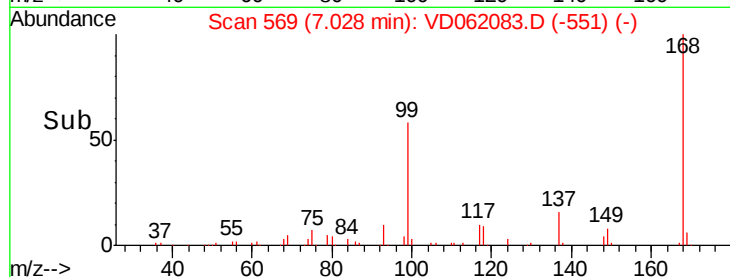
100000

50000

0

6.90 7.00 7.10 7.20 7.30

Time-->



#10

Methyl Iodide

Concen: 5.605 ug/l

RT: 3.32 min Scan# 192

Delta R.T. -0.00 min

Lab File: VD062083.D

Acq: 30 Apr 2019 13:05

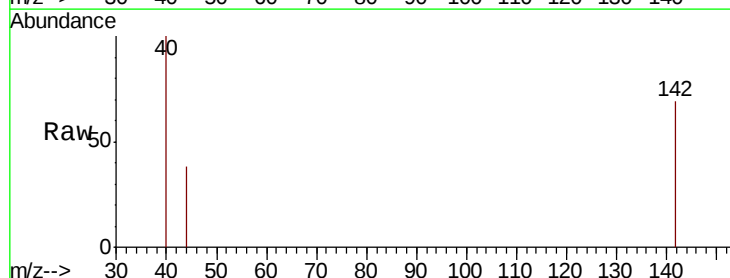
Tgt Ion:142 Resp: 1756

Ion Ratio Lower Upper

142 100

127 0.0 38.8 58.2#

141 0.0 11.4 17.0#



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

800

600

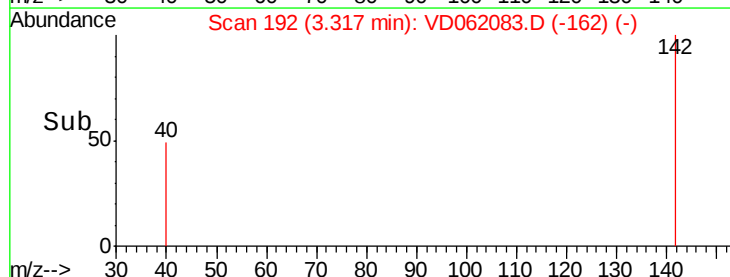
400

200

0

3.25 3.30 3.35

Time-->





#16

Acetone

Concen: 2.831 ug/l

RT: 3.20 min Scan# 180

Delta R.T. -0.02 min

Lab File: VD062083.D

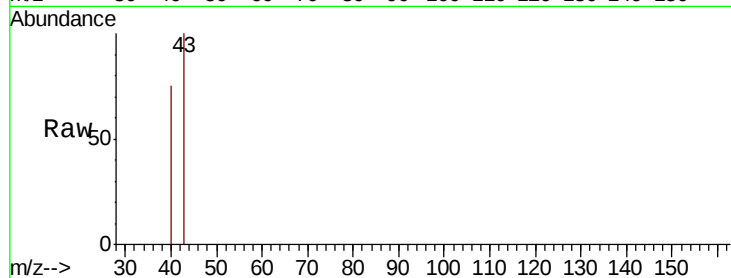
Acq: 30 Apr 2019 13:05

Tot Ion: 43 Resp: 3216

Ion Ratio Lower Upper

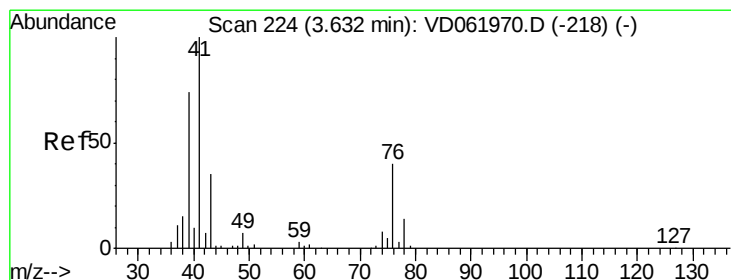
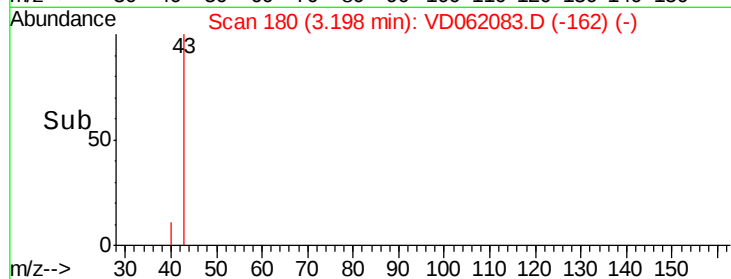
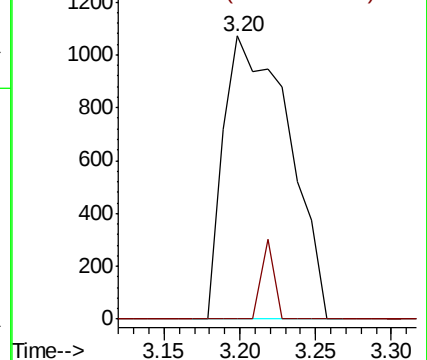
43 100

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



#18

Methyl Acetate

Concen: Below Cal

RT: 3.64 min Scan# 225

Delta R.T. -0.00 min

Lab File: VD062083.D

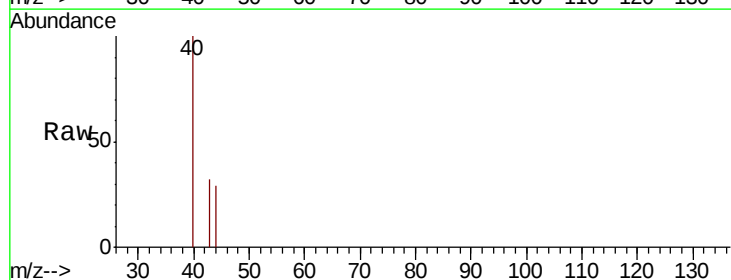
Acq: 30 Apr 2019 13:05

Tgt Ion: 43 Resp: 386

Ion Ratio Lower Upper

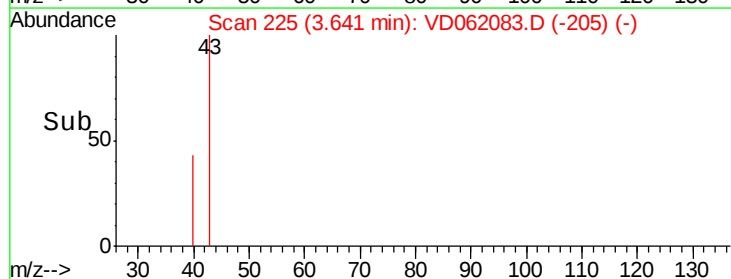
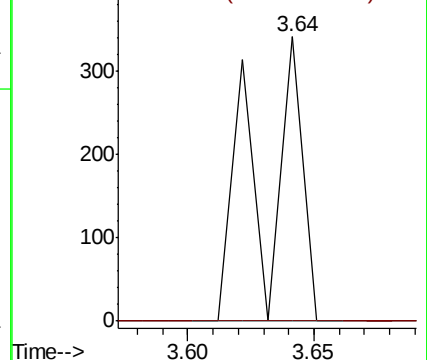
43 100

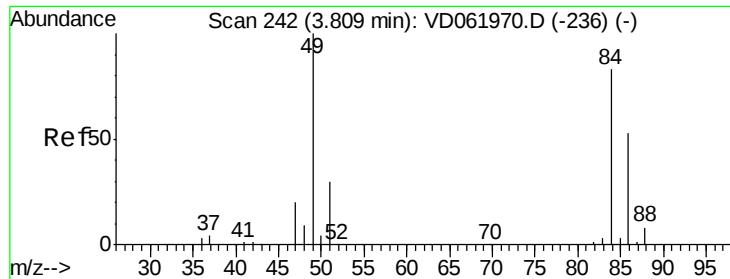
74 0.0 18.0 27.0#



Abundance Ion 42.95 (42.65 to 43.65): VDC

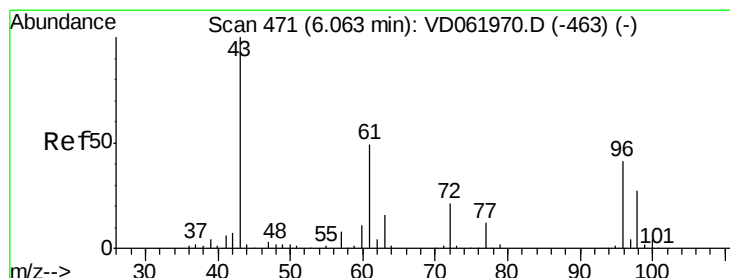
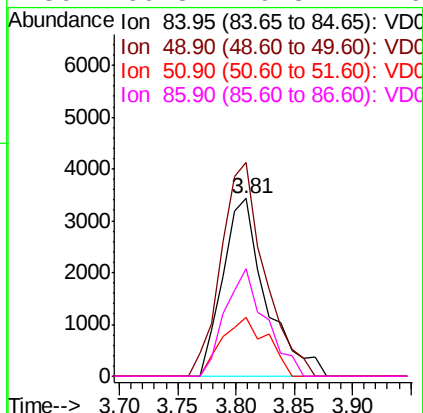
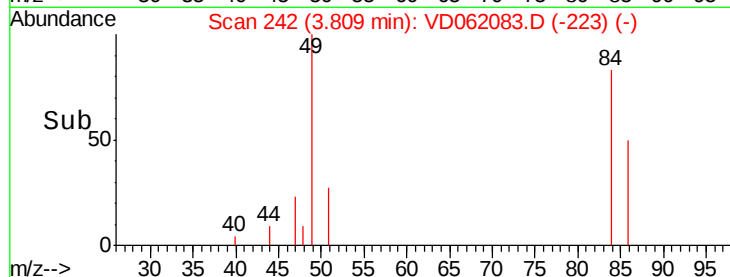
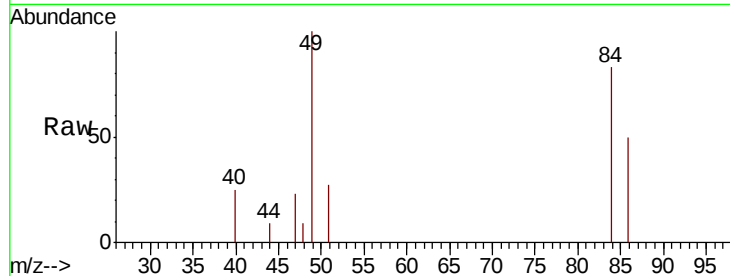
Ion 74.00 (73.70 to 74.70): VDC





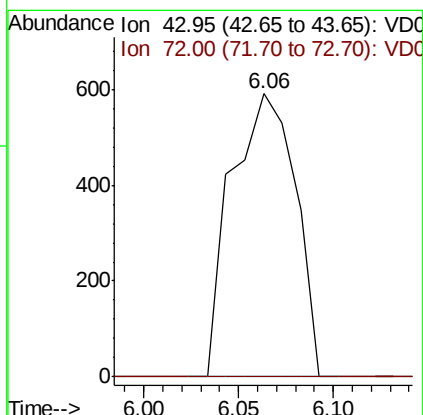
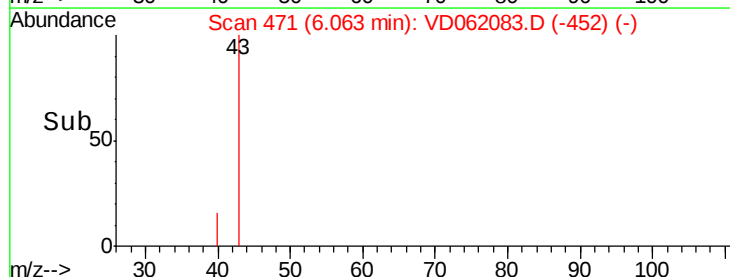
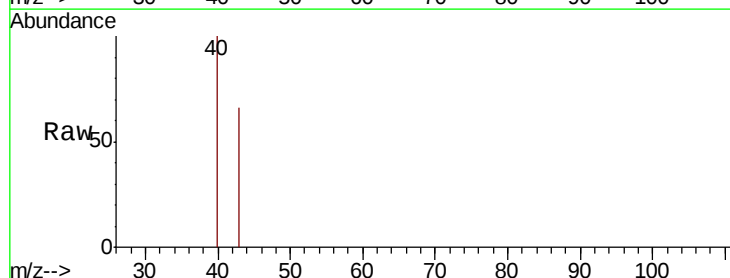
#20
Methvlene Chloride
Concen: Below Cal
RT: 3.81 min Scan# 242
Delta R.T. -0.01 min
Lab File: VD062083.D
Acq: 30 Apr 2019 13:05

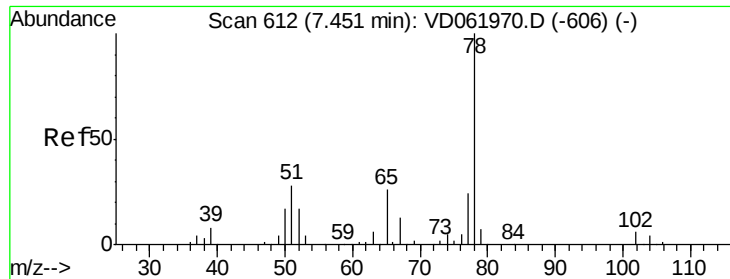
Tot Ion: 84 Resp: 8774
Ion Ratio Lower Upper
84 100
49 120.4 94.0 141.0
51 33.0 29.0 43.4
86 60.3 49.8 74.6



#25
2-Butanone
Concen: 1.005 ug/l
RT: 6.06 min Scan# 471
Delta R.T. -0.01 min
Lab File: VD062083.D
Acq: 30 Apr 2019 13:05

Tgt Ion: 43 Resp: 1384
Ion Ratio Lower Upper
43 100
72 0.0 16.2 24.4#





#33

1,2-Dichloroethane-d4

Concen: 55.090 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.01 min

Lab File: VD062083.D

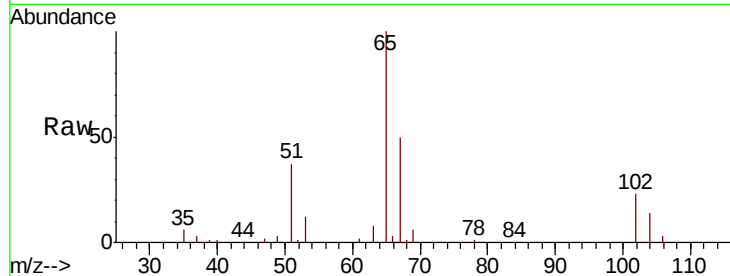
Acq: 30 Apr 2019 13:05

Tot Ion: 65 Resp: 262145

Ion Ratio Lower Upper

65 100

67 50.0 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.44

100000

80000

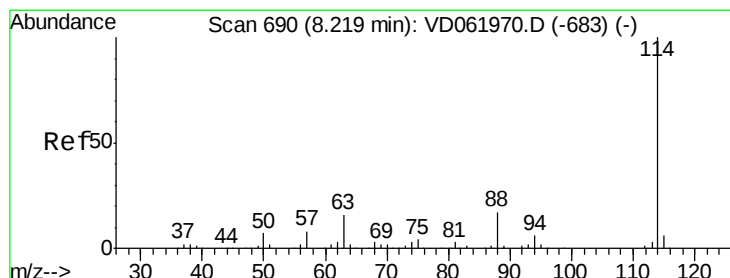
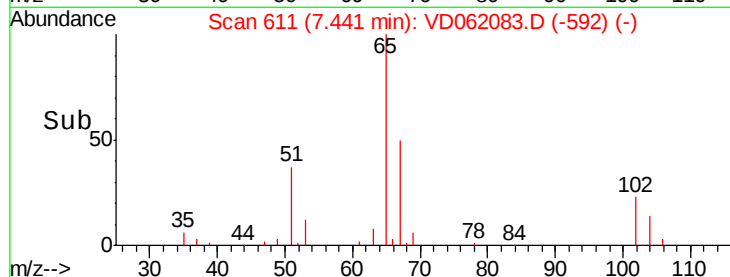
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.01 min

Lab File: VD062083.D

Acq: 30 Apr 2019 13:05

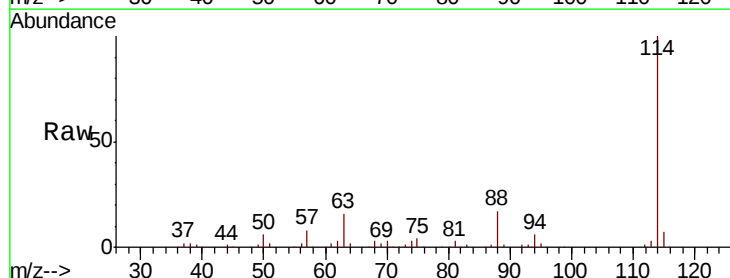
Tgt Ion: 114 Resp: 1015880

Ion Ratio Lower Upper

114 100

63 15.8 0.0 32.4

88 16.8 0.0 33.6



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

8.21

500000

400000

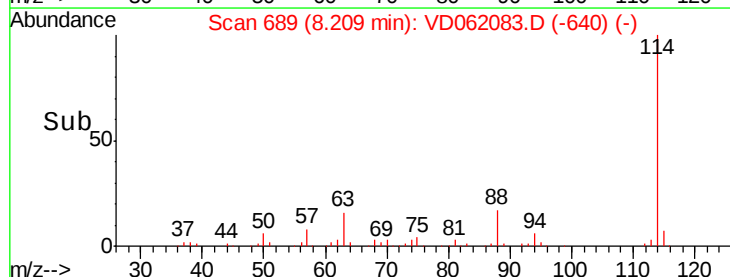
300000

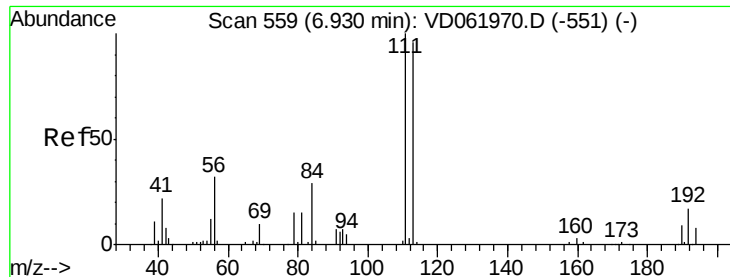
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 54.212 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.02 min

Lab File: VD062083.D

Acq: 30 Apr 2019 13:05

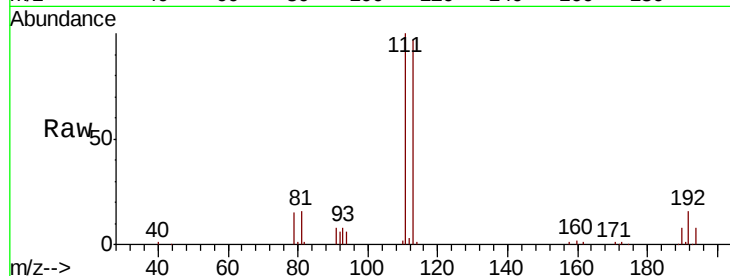
Tot Ion:113 Resp: 380881

Ion Ratio Lower Upper

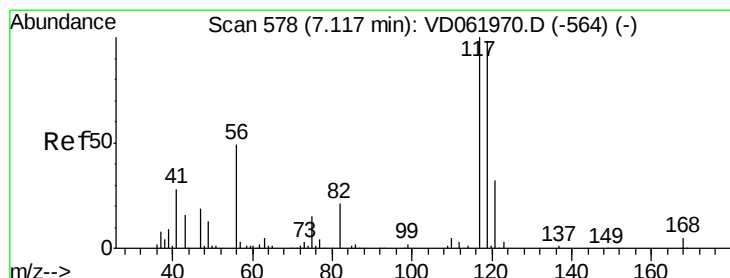
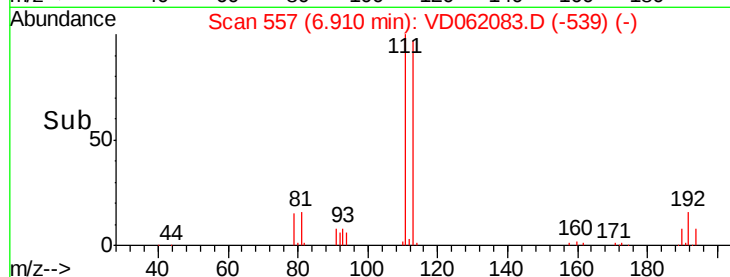
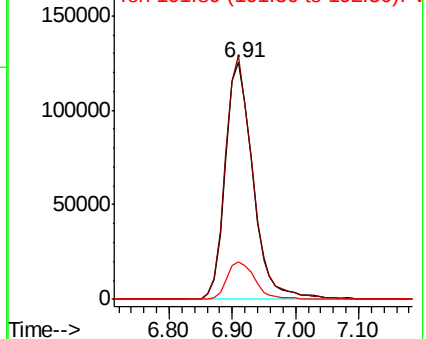
113 100

111 102.8 78.5 117.7

192 16.1 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



#38

Carbon Tetrachloride

Concen: 6.184 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.09 min

Lab File: VD062083.D

Acq: 30 Apr 2019 13:05

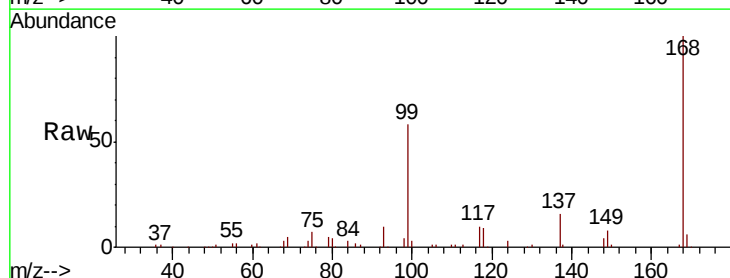
Tgt Ion:117 Resp: 62024

Ion Ratio Lower Upper

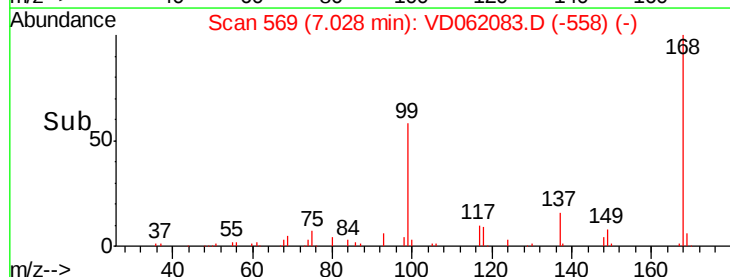
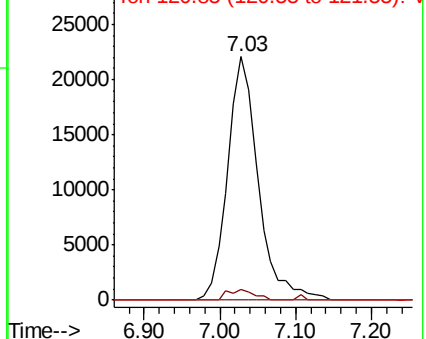
117 100

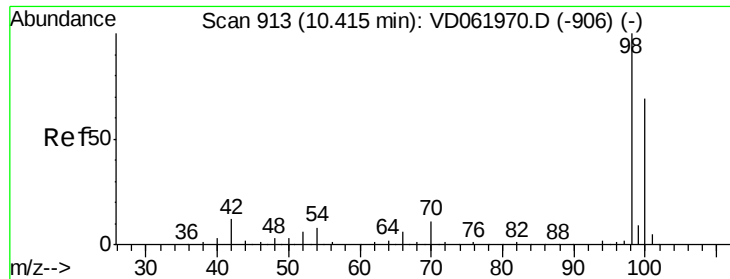
119 4.3 75.8 113.8#

121 0.0 25.9 38.9#



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: 54.362 ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.02 min

Lab File: VD062083.D

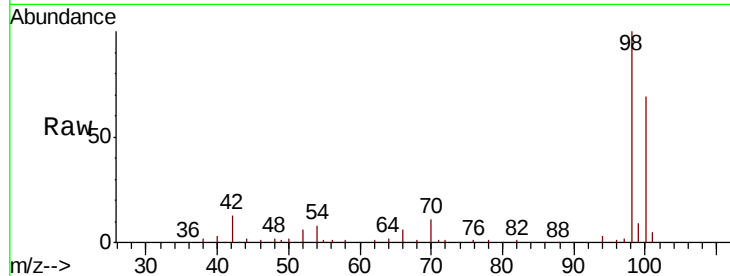
Acq: 30 Apr 2019 13:05

Tot Ion: 98 Resp: 908815

Ion Ratio Lower Upper

98 100

100 68.7 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) (-)

10.39

400000

300000

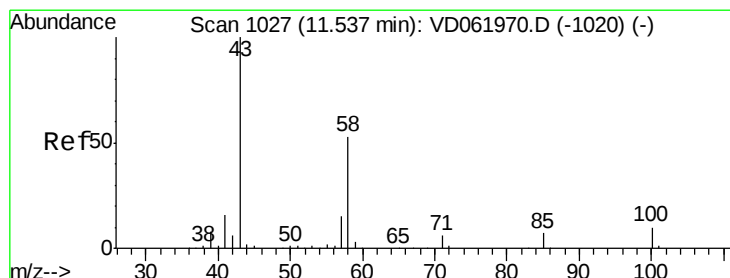
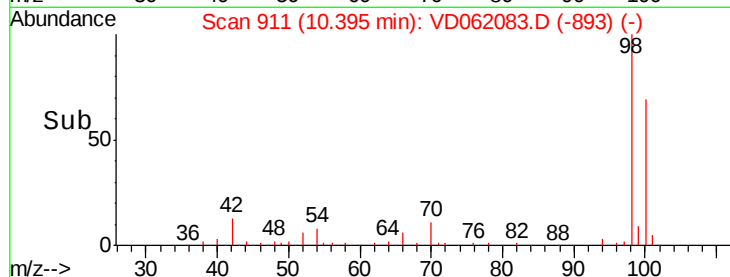
200000

100000

0

10.30 10.40 10.50

Time-->



#59

2-Hexanone

Concen: 1.037 ug/l

RT: 11.53 min Scan# 1026

Delta R.T. -0.00 min

Lab File: VD062083.D

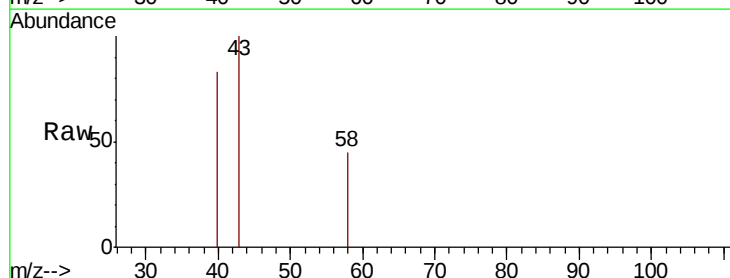
Acq: 30 Apr 2019 13:05

Tgt Ion: 43 Resp: 2345

Ion Ratio Lower Upper

43 100

58 45.1 25.4 76.4



Abundance Ion 42.95 (42.65 to 43.65): VD061970.D (-1020) (-)

Ion 57.95 (57.65 to 58.65): VD061970.D (-1020) (-)

1500

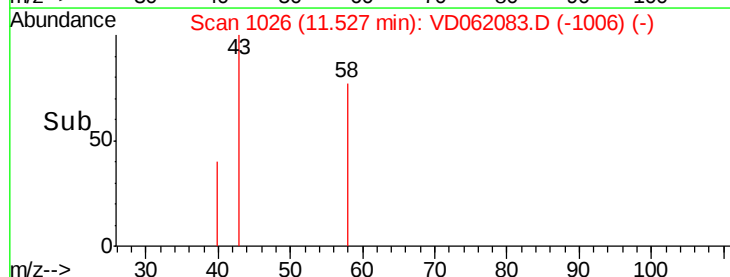
1000

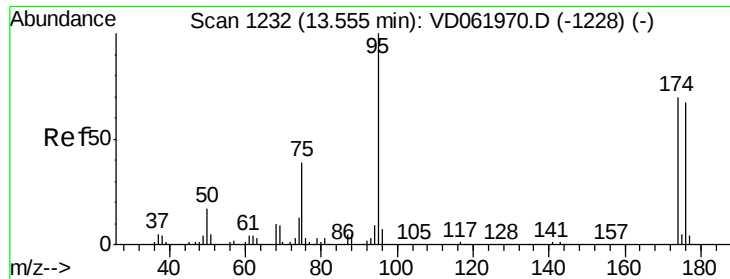
500

0

11.50 11.55

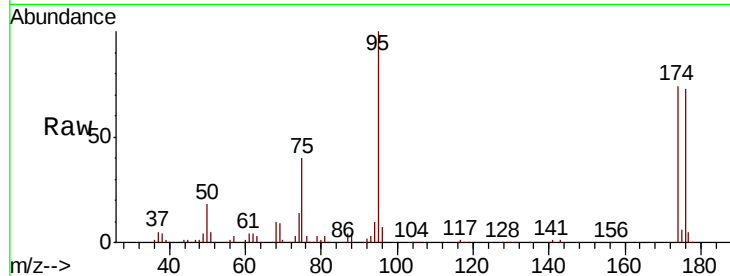
Time-->



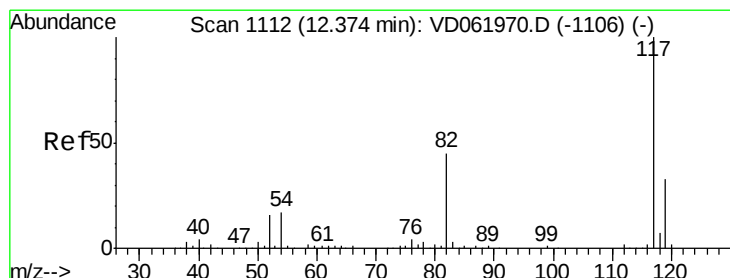
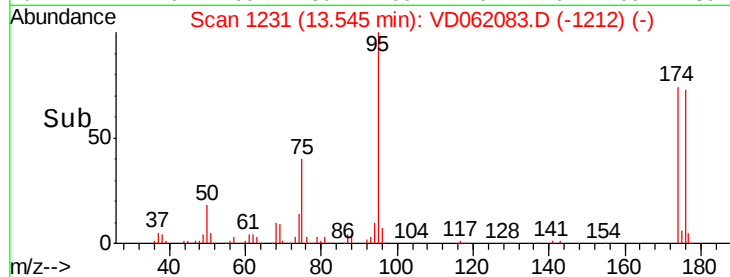
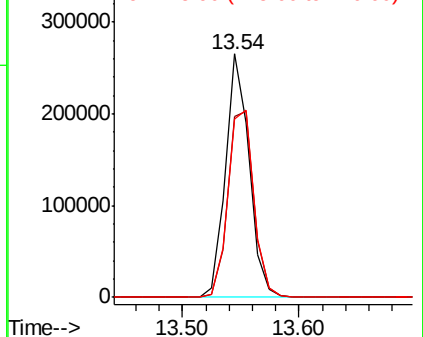


#62
4-Bromofluorobenzene
Concen: 55.483 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD062083.D
Acq: 30 Apr 2019 13:05

Tot Ion	Ratio	Lower	Upper
95	100		
174	74.4	0.0	181.8
176	73.0	0.0	174.4

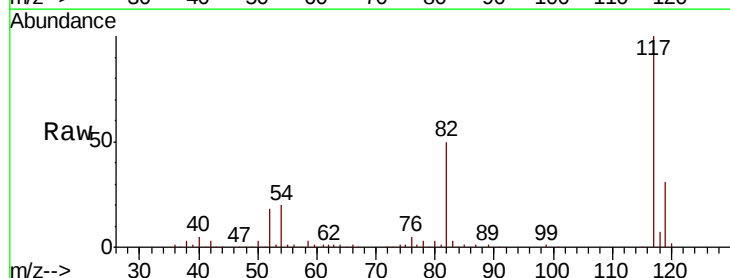


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

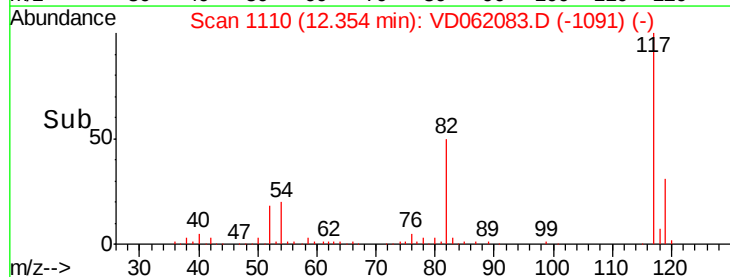
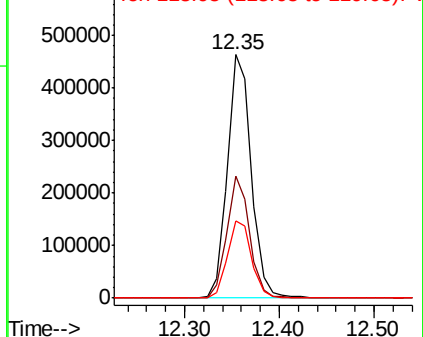


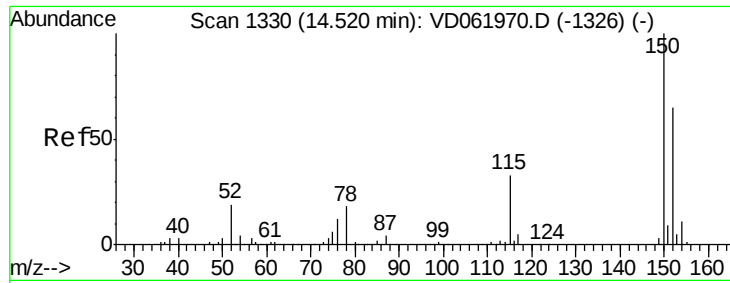
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VD062083.D
Acq: 30 Apr 2019 13:05

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.0	36.2	54.2
119	31.5	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

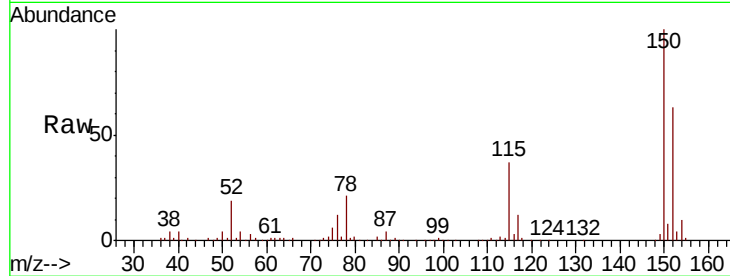




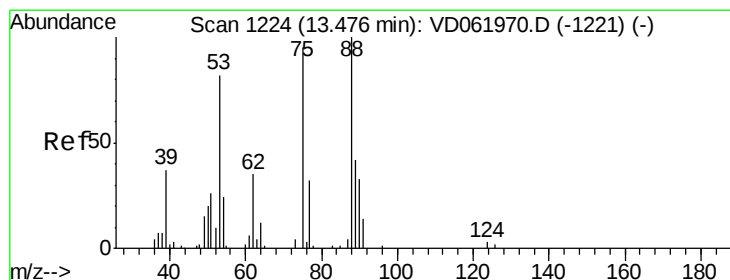
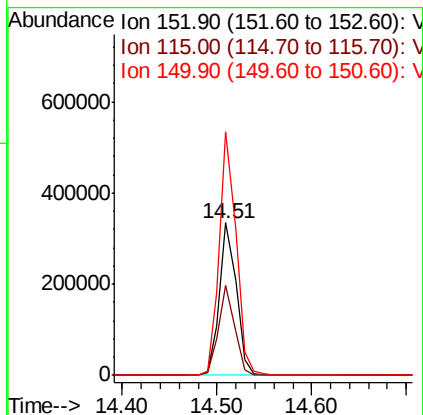
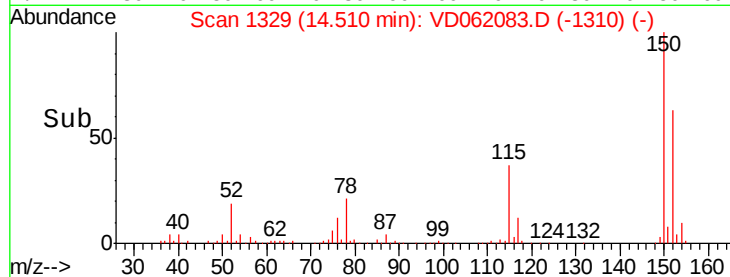
#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD062083.D
Acq: 30 Apr 2019 13:05

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.1	30.9	92.7
150	159.7	0.0	314.8



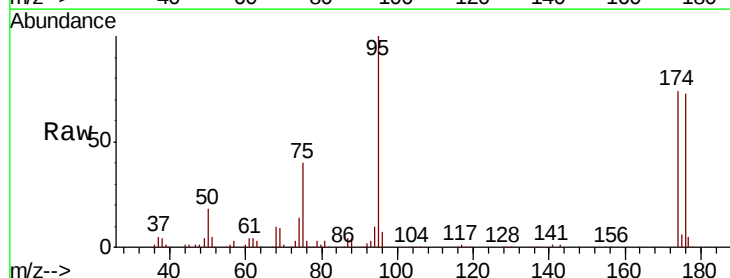
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



#81

trans-1,4-Dichloro-2-butene
Concen: 91.089 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. 0.06 min
Lab File: VD062083.D
Acq: 30 Apr 2019 13:05

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

