

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040419\
 Data File : VD061613.D
 Acq On : 5 Apr 2019 9:23
 Operator : VA/AP
 Sample : K2264-04
 Misc : 5.57g/5ml/MSVOA D/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 05 23:20:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

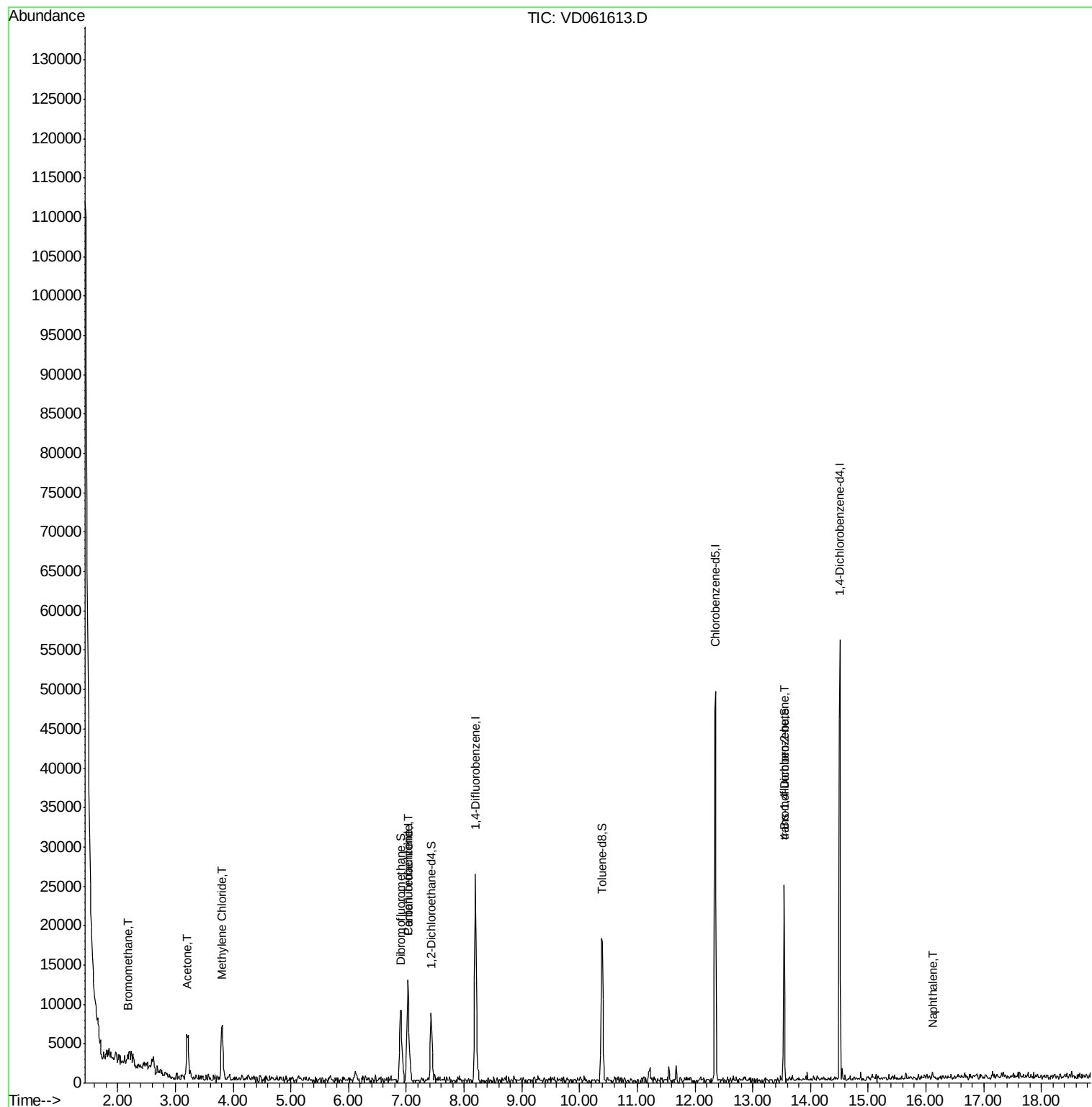
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	17068	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	35059	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	35120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	14463	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.42	65	9870	67.69	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	135.38%	
35) Dibromofluoromethane	6.91	113	10212	38.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.24%	
50) Toluene-d8	10.39	98	18948	29.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.98%	
62) 4-Bromofluorobenzene	13.54	95	9752	39.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.16%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.16	94	213	7.870	ug/l #	1
16) Acetone	3.20	43	11695	312.027	ug/l #	85
20) Methylene Chloride	3.81	84	5100	23.263	ug/l	90
38) Carbon Tetrachloride	7.02	117	783	2.227	ug/l #	10
81) trans-1,4-Dichloro-2-buten	13.53	75	3656	57.394	ug/l #	18
95) Naphthalene	16.11	128	298	1.035	ug/l #	70

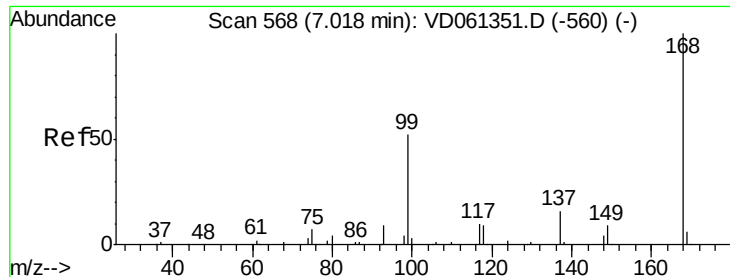
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040419\
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Quant Time: Apr 05 23:20:06 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 568

Delta R.T. -0.00 min

Lab File: VD061613.D

Acq: 5 Apr 2019 9:23

Instrument :

MSVOA_D

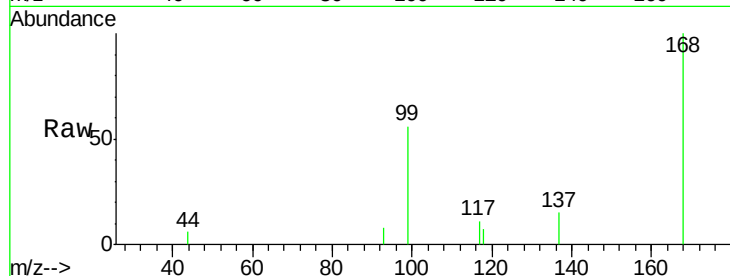
ClientSampleId :

Tot Ion:168 Resp: 17068

Ion Ratio Lower Upper

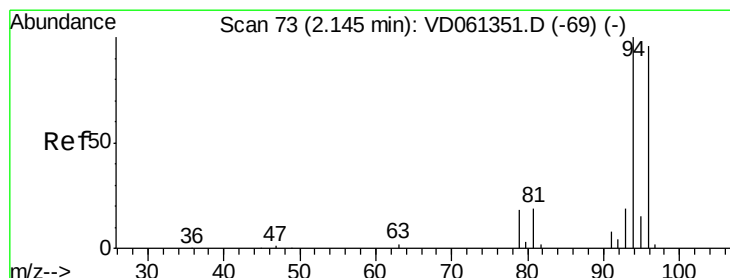
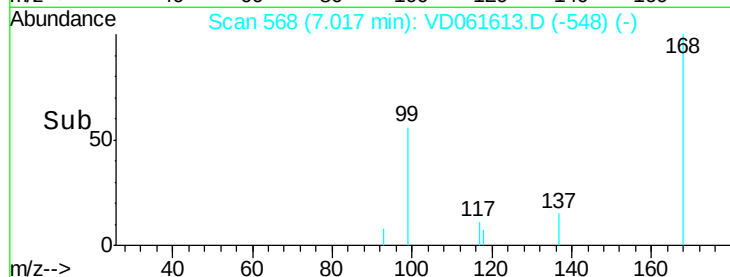
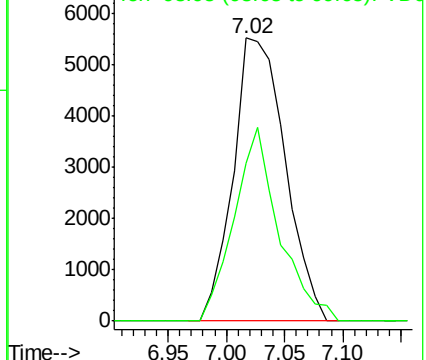
168 100

99 55.7 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#5

Bromomethane

Concen: 7.870 ug/l

RT: 2.16 min Scan# 75

Delta R.T. 0.02 min

Lab File: VD061613.D

Acq: 5 Apr 2019 9:23

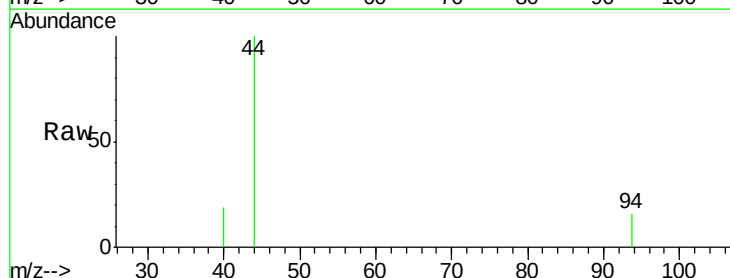
Tgt Ion: 94 Resp: 213

Ion Ratio Lower Upper

94 100

96 0.0 78.3 117.5#

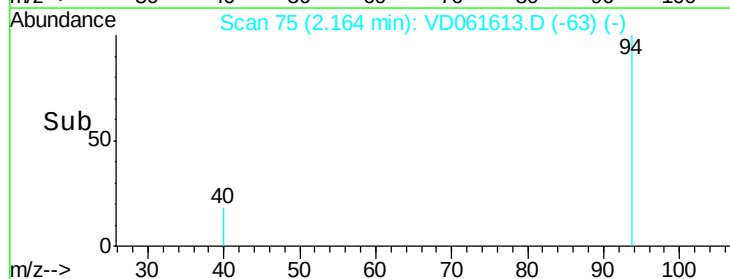
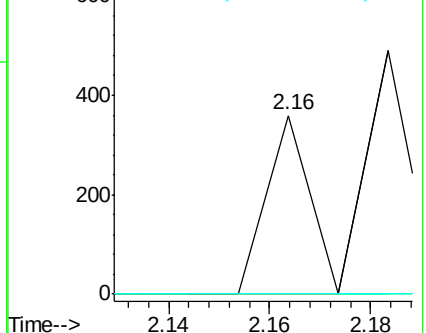
93 100.0 15.6 23.4#

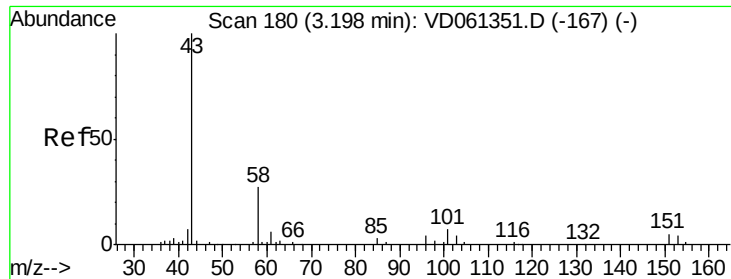


Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC

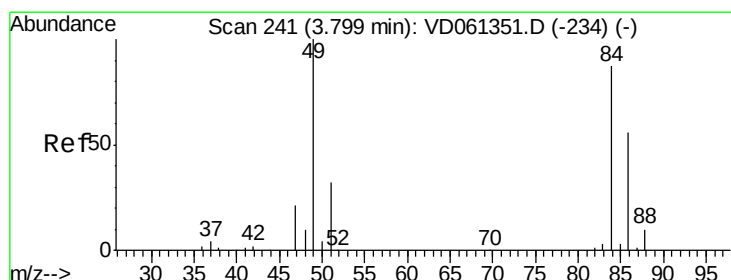
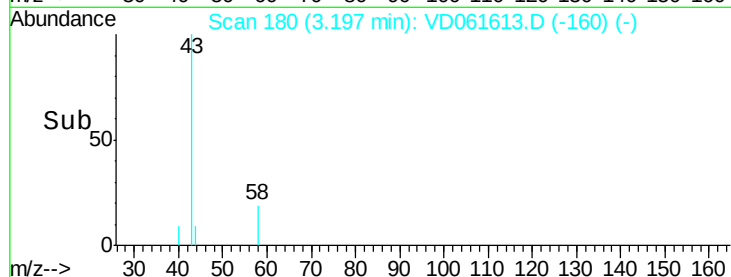
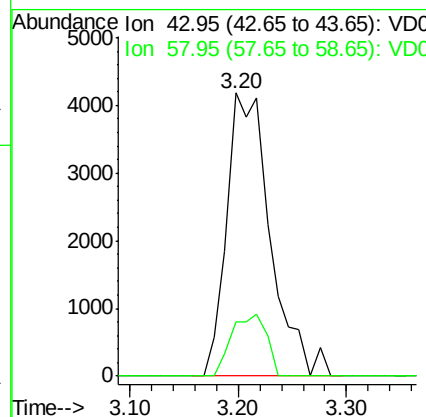
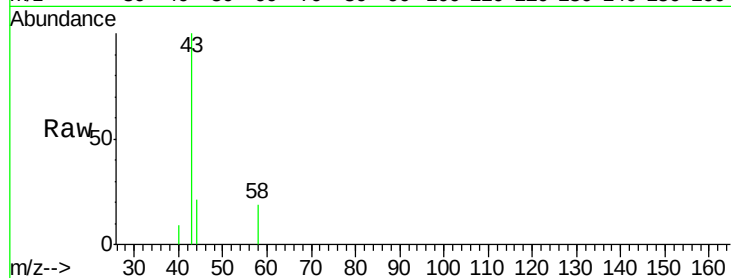




#16
Acetone
Concen: 312.027 ug/l
RT: 3.20 min Scan# 180
Delta R.T. -0.00 min
Lab File: VD061613.D
Acq: 5 Apr 2019 9:23

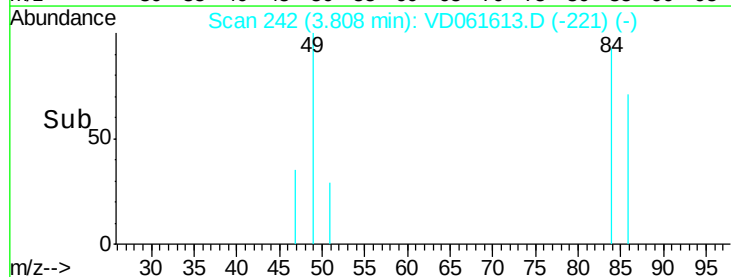
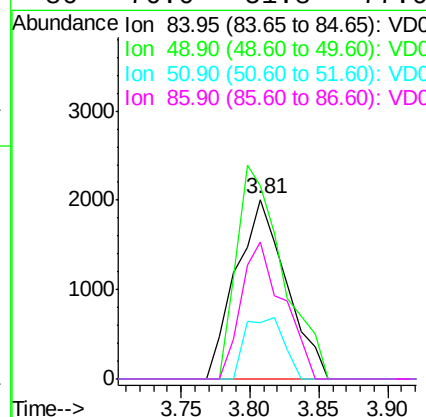
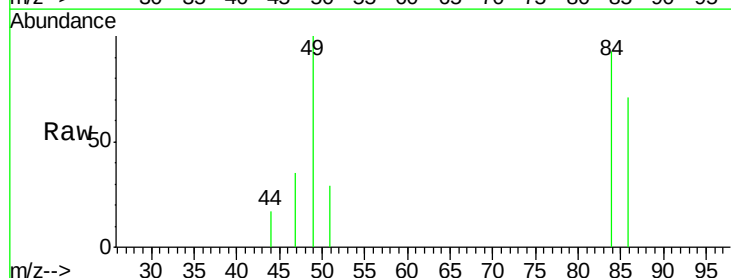
Instrument :
MSVOA_D
ClientSampleId :

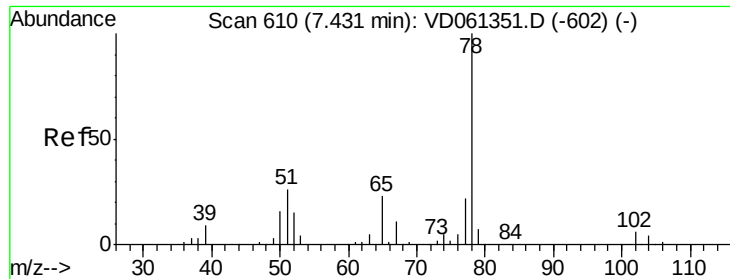
Tot Ion: 43 Resp: 11695
Ion Ratio Lower Upper
43 100
58 19.2 21.5 32.3#



#20
Methylene Chloride
Concen: 23.263 ug/l
RT: 3.81 min Scan# 242
Delta R.T. 0.01 min
Lab File: VD061613.D
Acq: 5 Apr 2019 9:23

Tgt Ion: 84 Resp: 5100
Ion Ratio Lower Upper
84 100
49 107.3 91.8 137.8
51 31.1 29.8 44.8
86 76.0 51.8 77.6





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.42 min Scan# 609

Delta R.T. -0.01 min

Lab File: VD061613.D

Acq: 5 Apr 2019 9:23

Instrument :

MSVOA_D

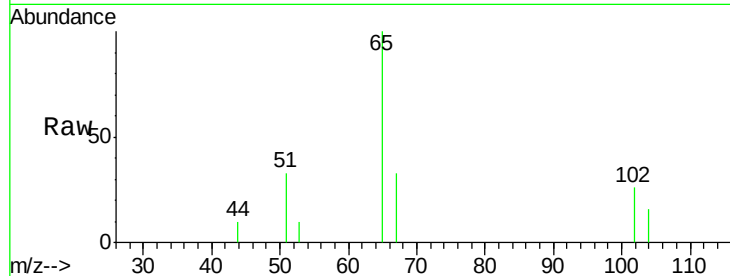
ClientSampleId :

Tot Ion: 65 Resp: 9870

Ion Ratio Lower Upper

65 100

67 33.0 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.42

4000

3000

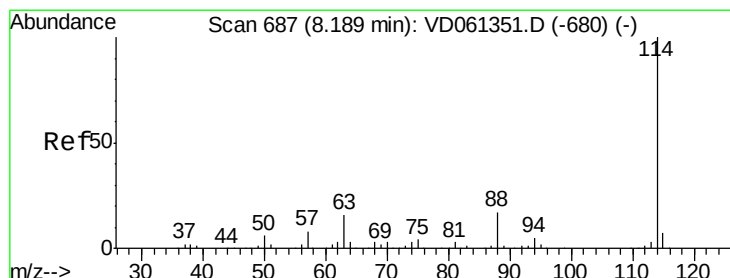
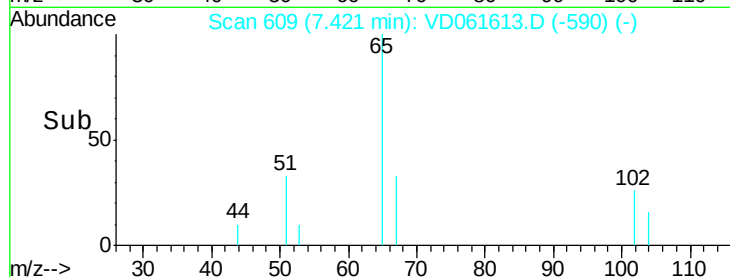
2000

1000

0

Time-->

7.35 7.40 7.45 7.50 7.55



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.20 min Scan# 688

Delta R.T. 0.01 min

Lab File: VD061613.D

Acq: 5 Apr 2019 9:23

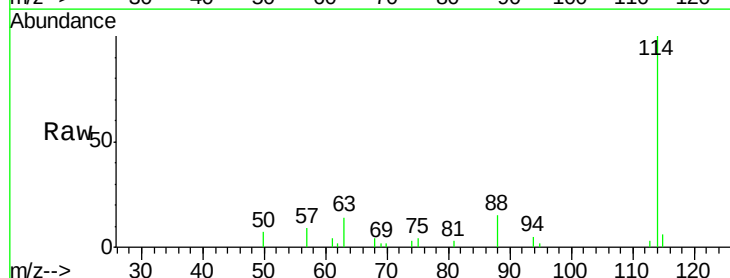
Tgt Ion: 114 Resp: 35059

Ion Ratio Lower Upper

114 100

63 14.5 0.0 31.6

88 15.5 0.0 33.4



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

20000

15000

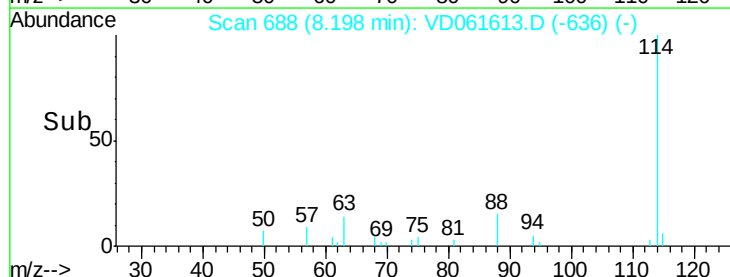
10000

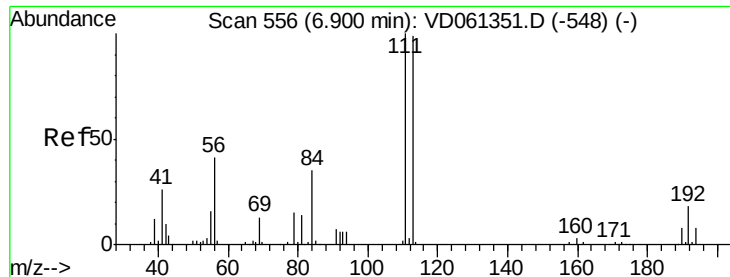
5000

0

Time-->

8.10 8.20 8.30





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.91 min Scan# 557

Delta R.T. 0.01 min

Lab File: VD061613.D

Acq: 5 Apr 2019 9:23

Instrument :

MSVOA_D

ClientSampleId :

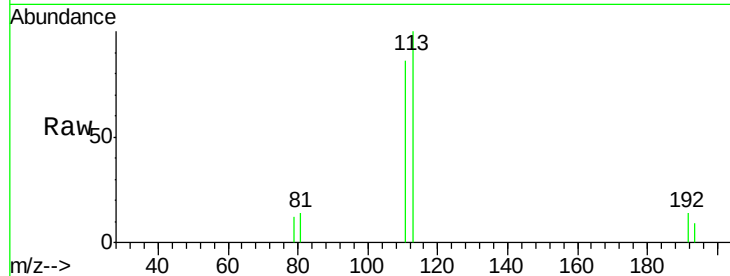
Tot Ion:113 Resp: 10212

Ion Ratio Lower Upper

113 100

111 85.8 81.0 121.6

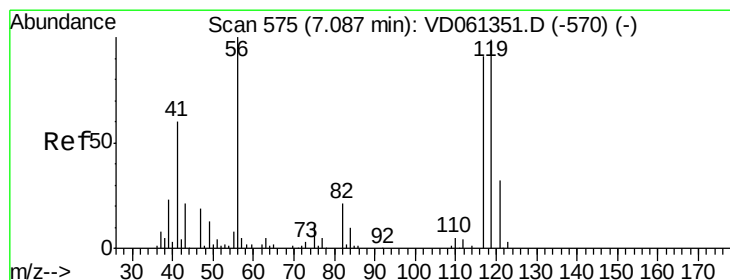
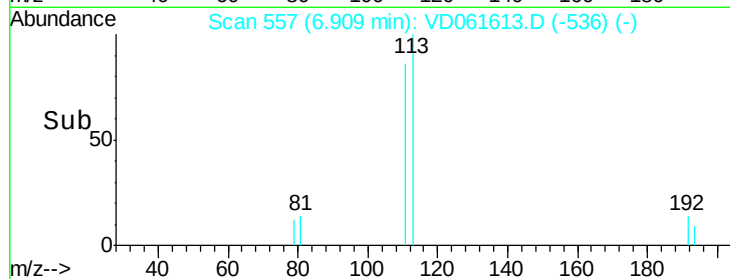
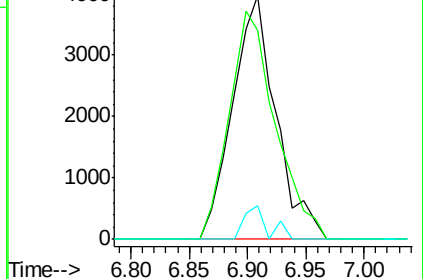
192 13.6 14.4 21.6#



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: 2.227 ug/l

RT: 7.02 min Scan# 568

Delta R.T. -0.07 min

Lab File: VD061613.D

Acq: 5 Apr 2019 9:23

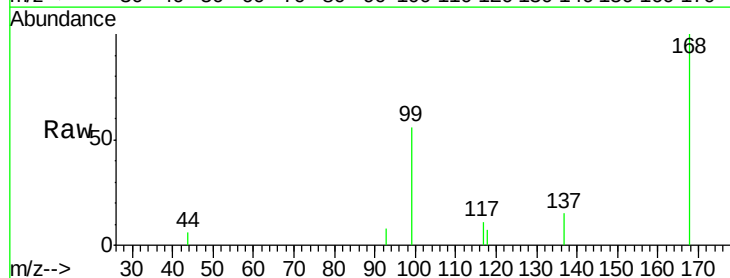
Tgt Ion:117 Resp: 783

Ion Ratio Lower Upper

117 100

119 0.0 80.1 120.1#

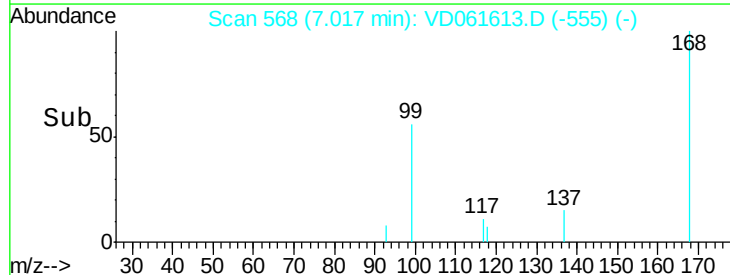
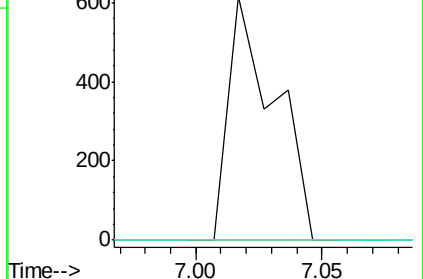
121 0.0 25.6 38.4#

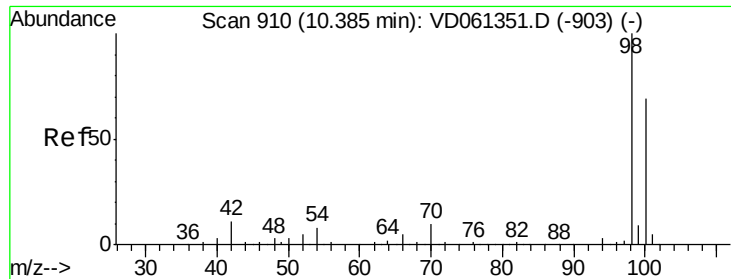


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

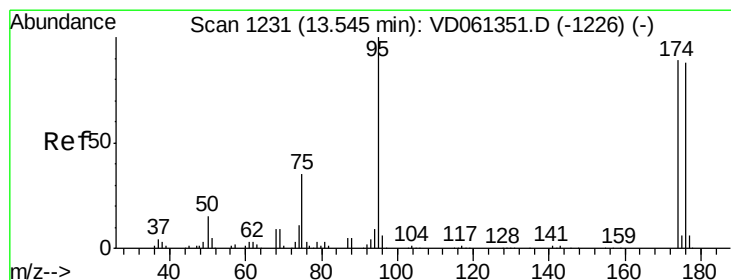
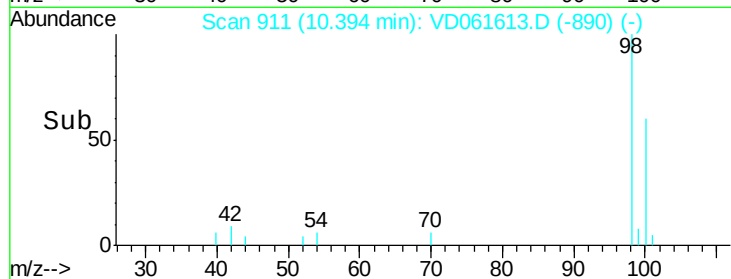
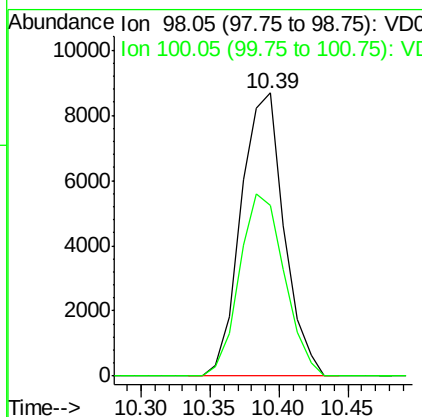
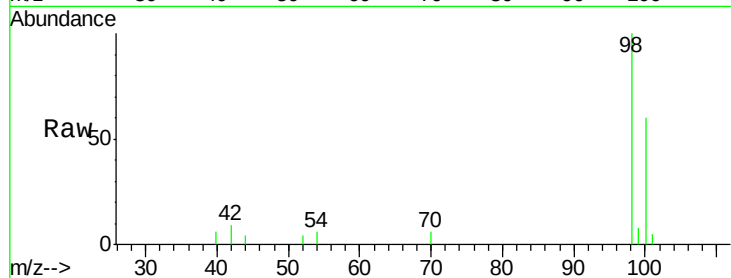




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.39 min Scan# 911
Delta R.T. 0.01 min
Lab File: VD061613.D
Acq: 5 Apr 2019 9:23

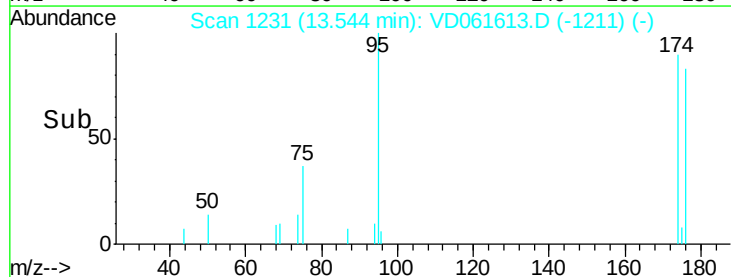
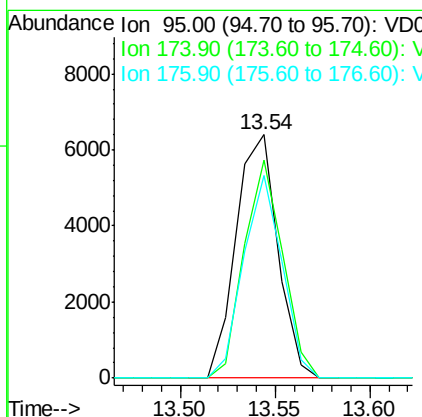
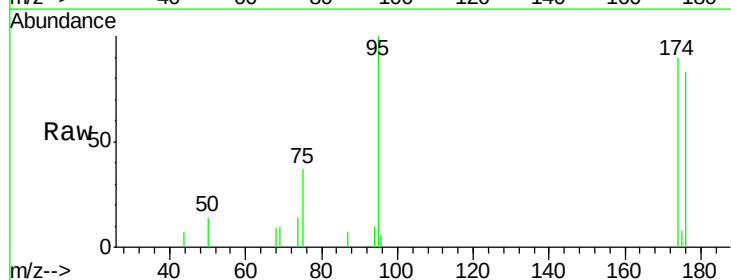
Instrument :
MSVOA_D
ClientSampleId :

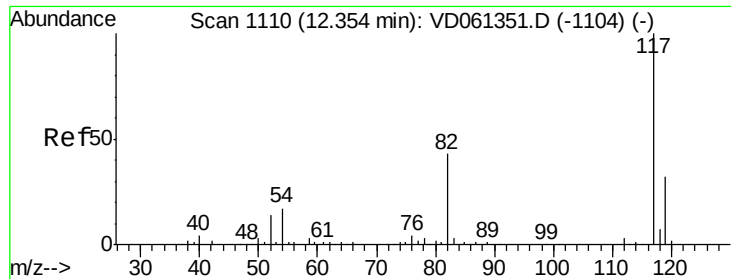
Tot Ion: 98 Resp: 18948
Ion Ratio Lower Upper
98 100
100 60.3 56.2 84.2



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VD061613.D
Acq: 5 Apr 2019 9:23

Tgt Ion: 95 Resp: 9752
Ion Ratio Lower Upper
95 100
174 89.7 0.0 178.0
176 83.5 0.0 175.0

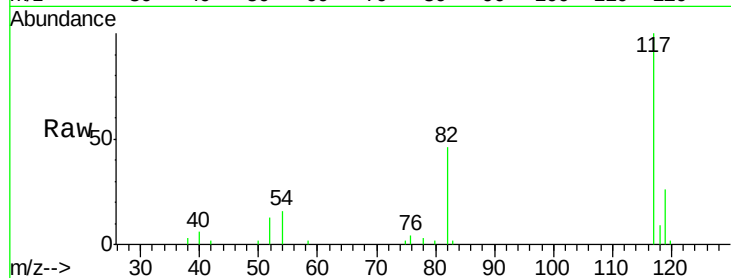




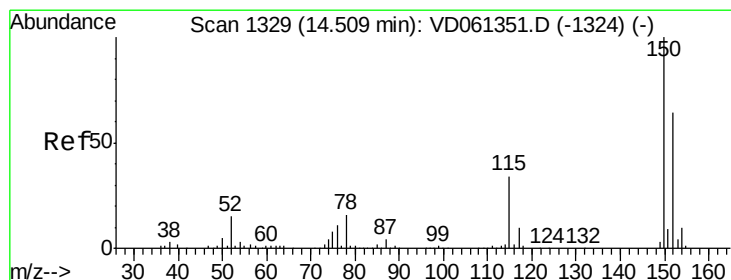
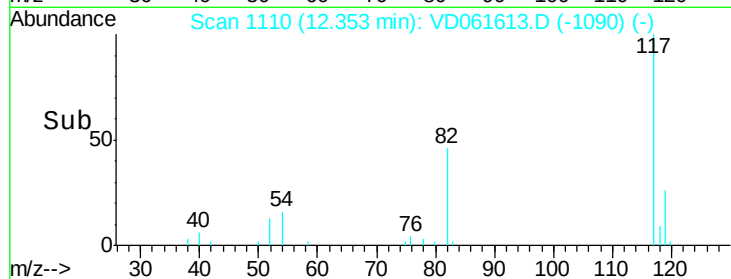
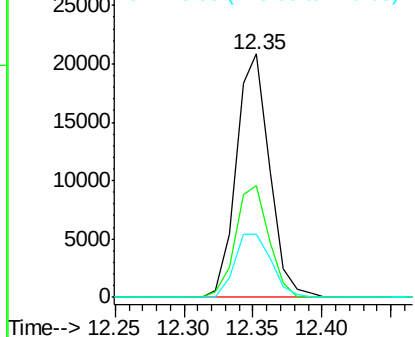
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD061613.D
Acq: 5 Apr 2019 9:23

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 35120
Ion Ratio Lower Upper
117 100
82 45.6 34.4 51.6
119 26.1 25.8 38.6

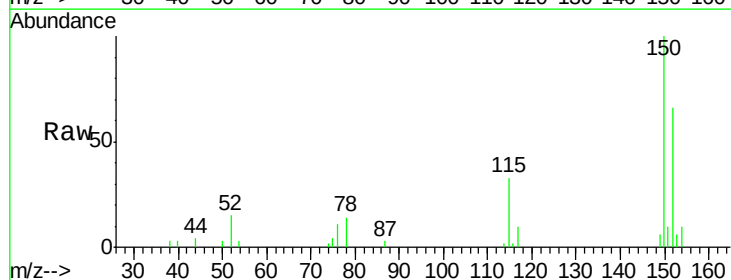


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

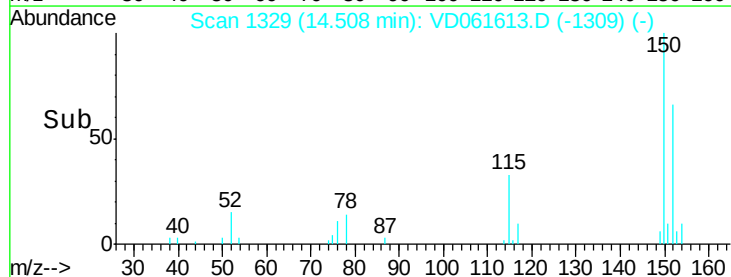
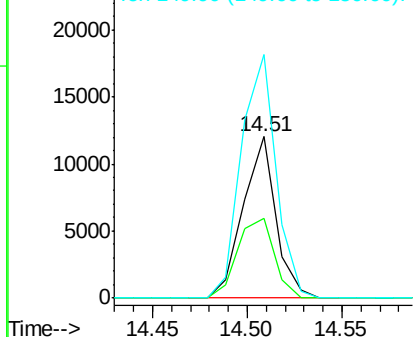


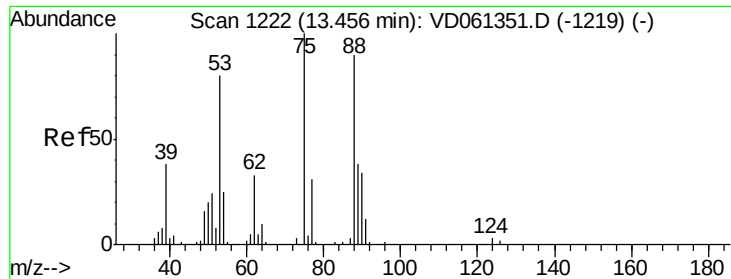
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD061613.D
Acq: 5 Apr 2019 9:23

Tgt Ion:152 Resp: 14463
Ion Ratio Lower Upper
152 100
115 49.3 26.9 80.6
150 151.1 0.0 318.0



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: 57.394 ug/l

RT: 13.53 min Scan# 1230

Delta R.T. 0.08 min

Lab File: VD061613.D

Acq: 5 Apr 2019 9:23

Instrument :

MSVOA_D

ClientSampleId :

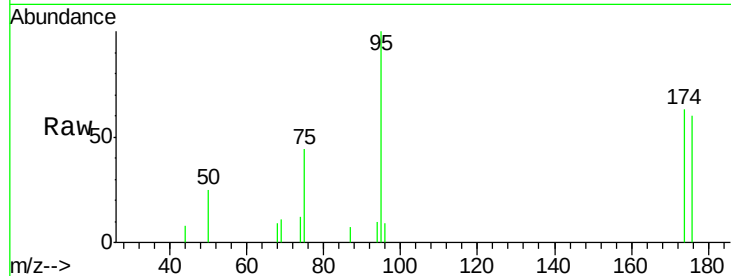
Tot Ion: 75 Resp: 3656

Ion Ratio Lower Upper

75 100

53 0.0 63.8 95.8#

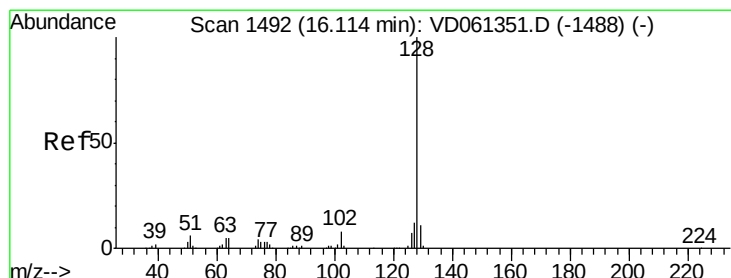
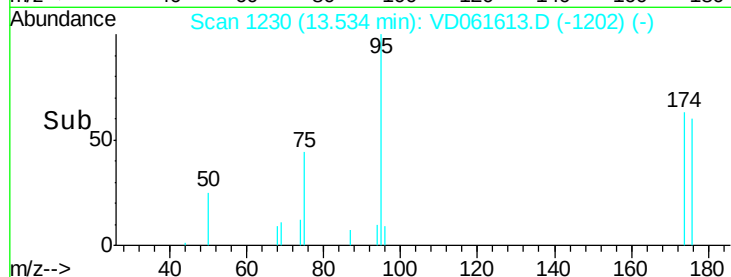
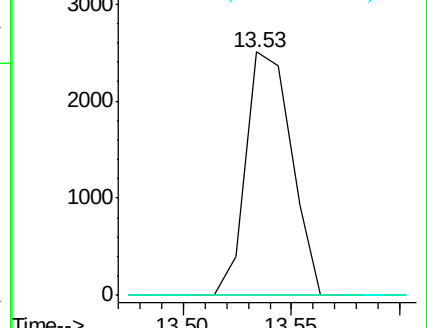
89 0.0 30.5 45.7#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 53.00 (52.70 to 53.70): V

Ion 89.00 (88.70 to 89.70): V



#95

Naphthalene

Concen: 1.035 ug/l

RT: 16.11 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VD061613.D

Acq: 5 Apr 2019 9:23

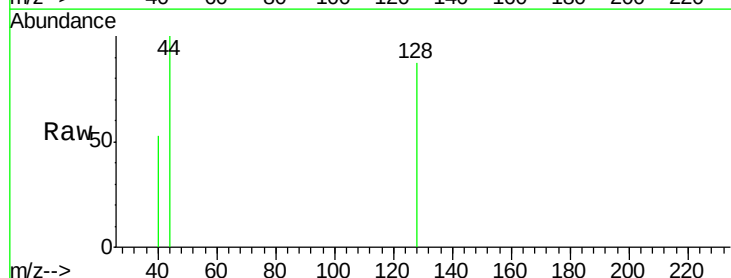
Tgt Ion: 128 Resp: 298

Ion Ratio Lower Upper

128 100

127 0.0 9.9 14.9#

129 0.0 8.9 13.3#



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

