

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042219\
 Data File : VD061947.D
 Acq On : 22 Apr 2019 19:11
 Operator : VA/AP
 Sample : K2484-03
 Misc : 7.28g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 200027

Quant Time: Apr 22 23:34:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 13:49:04 2019
 Response via : Initial Calibration

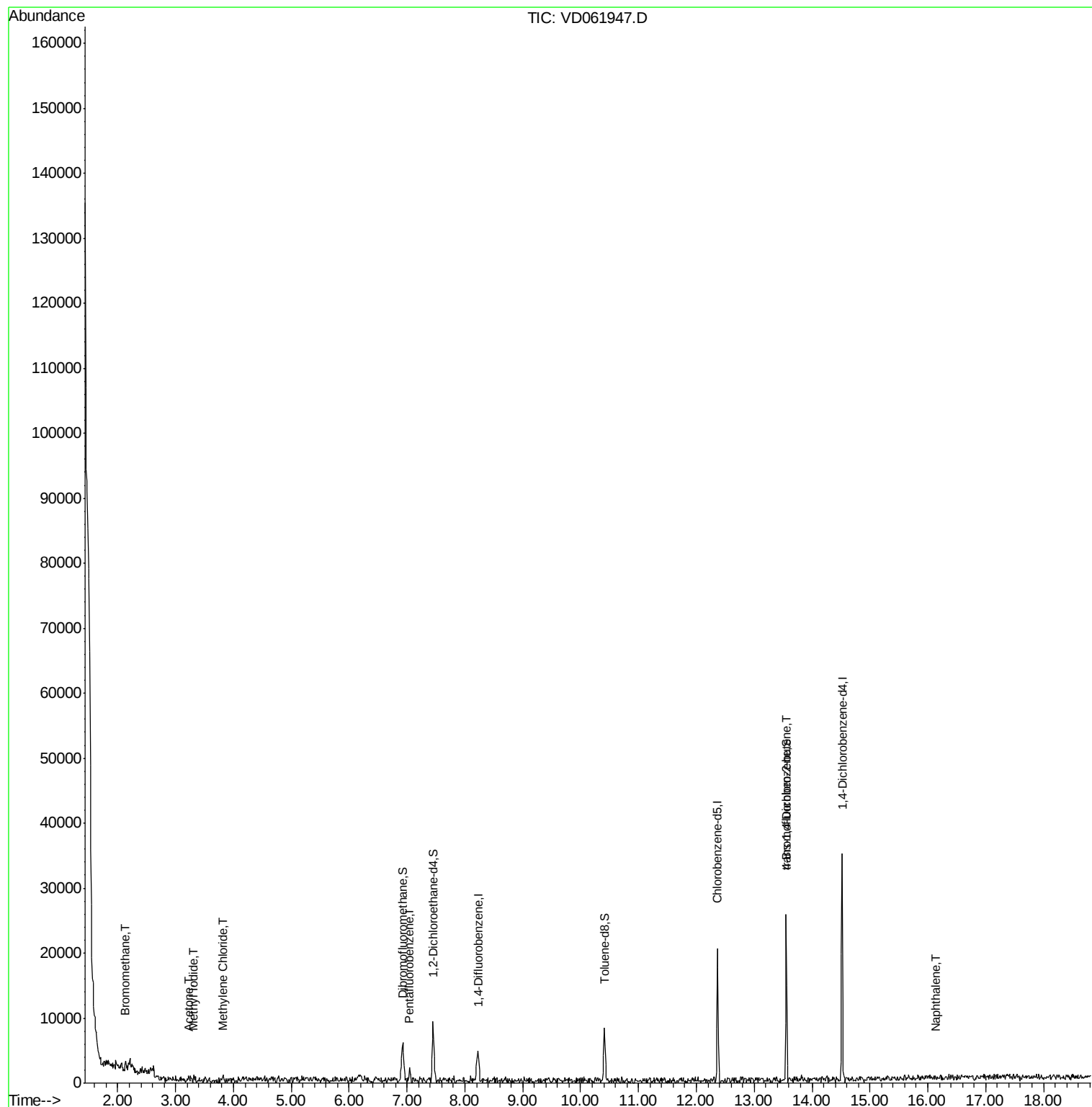
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	1990	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.22	114	8762	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	14657	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	8068	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	9229	553.36	ug/l	0.00
Spiked Amount 50.000			Recovery	= 1106.72%		
35) Dibromofluoromethane	6.93	113	5593	84.49	ug/l	0.00
Spiked Amount 50.000			Recovery	= 168.98%		
50) Toluene-d8	10.41	98	8661	55.22	ug/l	0.00
Spiked Amount 50.000			Recovery	= 110.44%		
62) 4-Bromofluorobenzene	13.55	95	8207	129.09	ug/l	0.00
Spiked Amount 50.000			Recovery	= 258.18%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.12	94	660	203.262	ug/l #	12
10) Methyl Iodide	3.33	142	1011	30.017	ug/l #	37
16) Acetone	3.23	43	1270	308.963	ug/l #	50
20) Methylene Chloride	3.83	84	436	18.444	ug/l #	58
81) trans-1,4-Dichloro-2-buten	13.55	75	2705	76.855	ug/l #	16
95) Naphthalene	16.12	128	227	1.241	ug/l #	70

(#) = 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. -0.01 min

Lab File: VD061947.D

Acq: 22 Apr 2019 19:11

Instrument :

MSVOA_D

ClientSampleId :

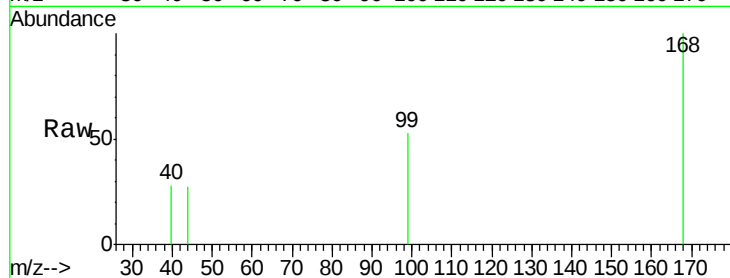
200027

Tot Ion:168 Resp: 1990

Ion Ratio Lower Upper

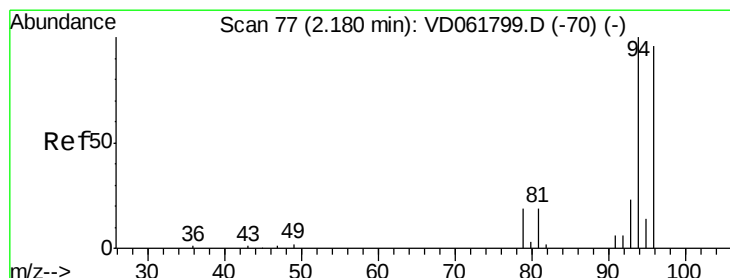
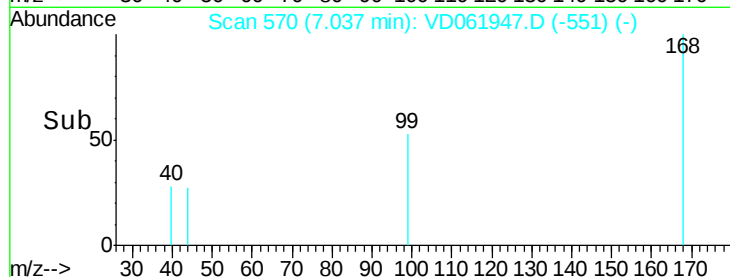
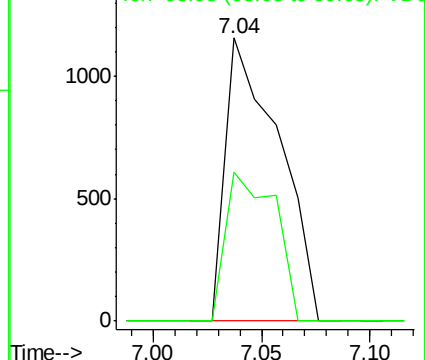
168 100

99 52.5 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#5

Bromomethane

Concen: 203.262 ug/l

RT: 2.12 min Scan# 71

Delta R.T. -0.02 min

Lab File: VD061947.D

Acq: 22 Apr 2019 19:11

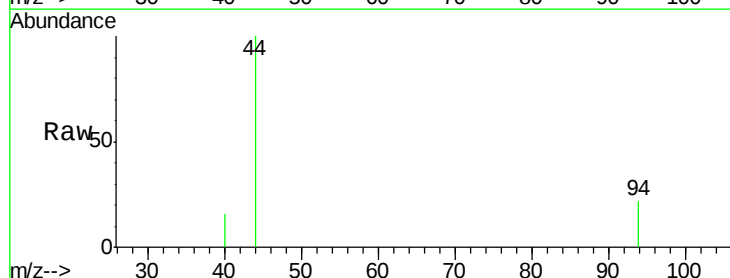
Tgt Ion: 94 Resp: 660

Ion Ratio Lower Upper

94 100

96 0.0 76.6 115.0#

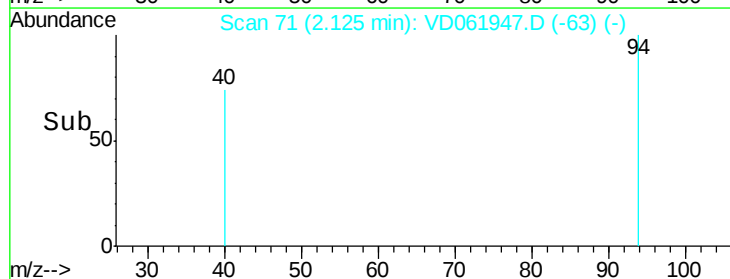
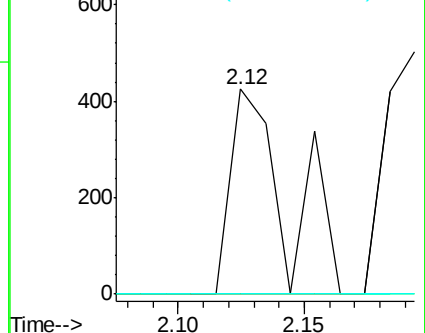
93 0.0 18.5 27.7#

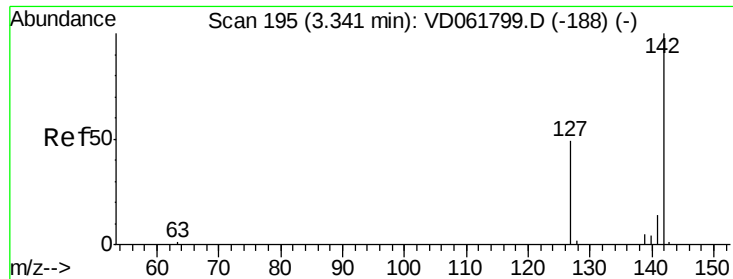


Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC

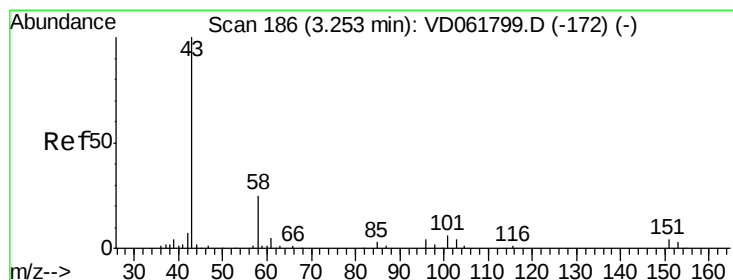
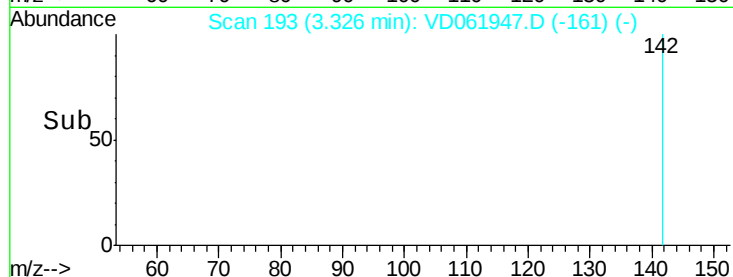
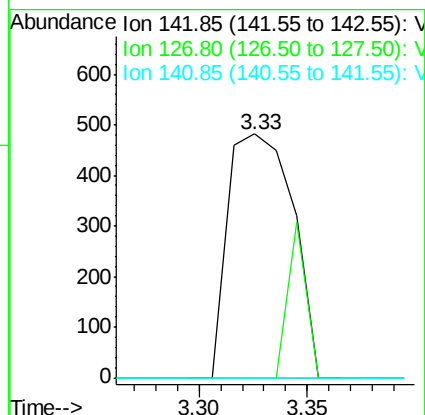
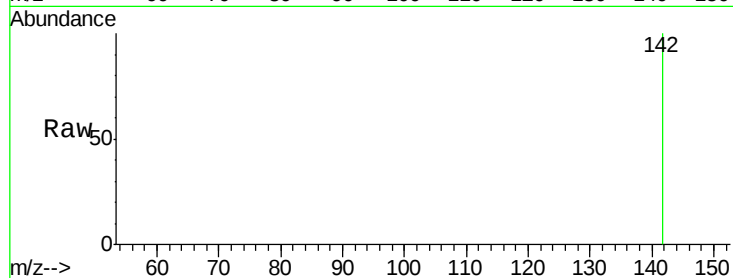




#10
Methvl Iodide
Concen: 30.017 ug/l
RT: 3.33 min Scan# 193
Delta R.T. 0.02 min
Lab File: VD061947.D
Acq: 22 Apr 2019 19:11

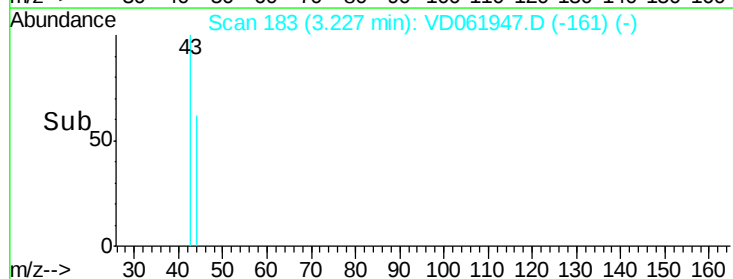
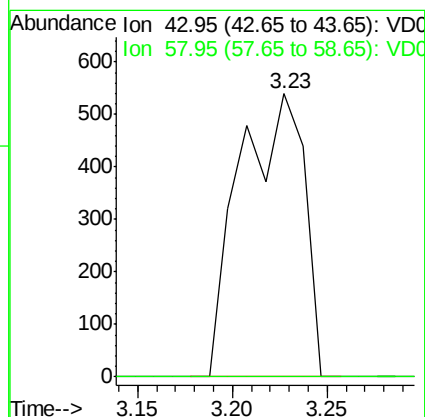
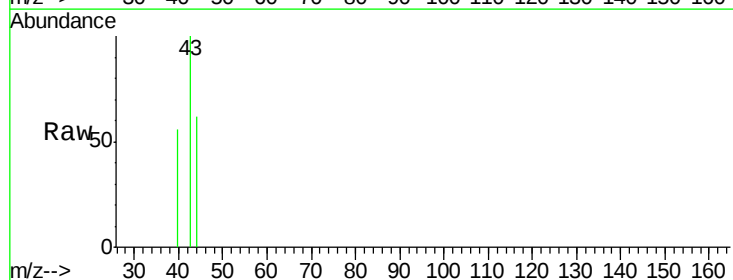
Instrument :
MSVOA_D
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200027

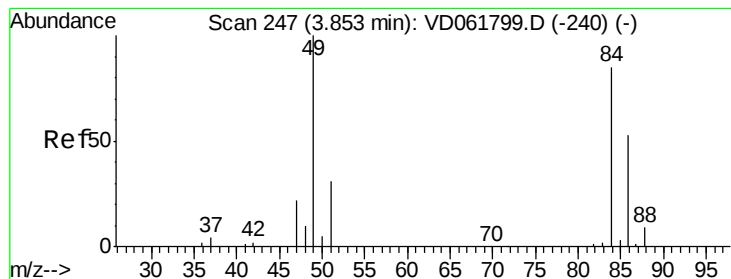
Tot Ion:142 Resp: 1011
Ion Ratio Lower Upper
142 100
127 0.0 38.8 58.2#
141 0.0 11.4 17.0#



#16
Acetone
Concen: 308.963 ug/l
RT: 3.23 min Scan# 183
Delta R.T. 0.02 min
Lab File: VD061947.D
Acq: 22 Apr 2019 19:11

Tgt Ion: 43 Resp: 1270
Ion Ratio Lower Upper
43 100
58 0.0 19.9 29.9#





#20

Methylene Chloride

Concen: 18.444 ug/l

RT: 3.83 min Scan# 244

Delta R.T. 0.02 min

Lab File: VD061947.D

Acq: 22 Apr 2019 19:11

Instrument :

MSVOA_D

ClientSampleId :

200027

Tot Ion: 84 Resp: 436

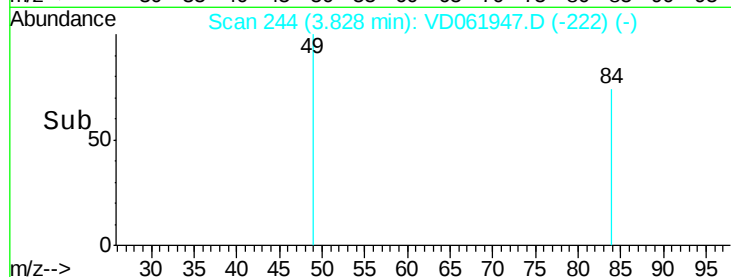
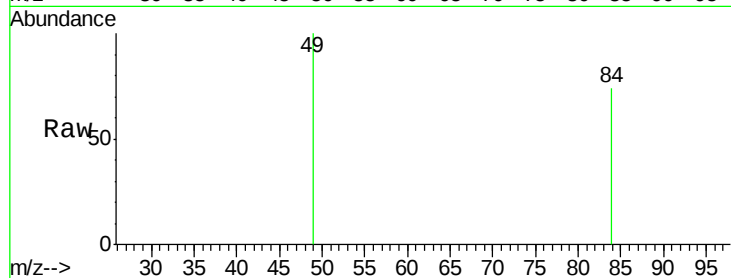
Ion Ratio Lower Upper

84 100

49 135.5 94.0 141.0

51 0.0 29.0 43.4#

86 0.0 49.8 74.6#

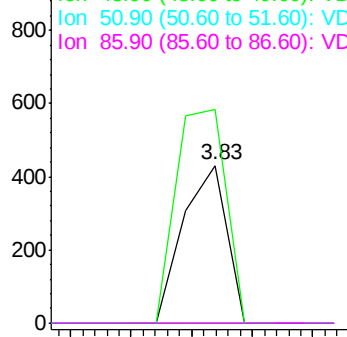


Abundance Ion 83.95 (83.65 to 84.65): VDC

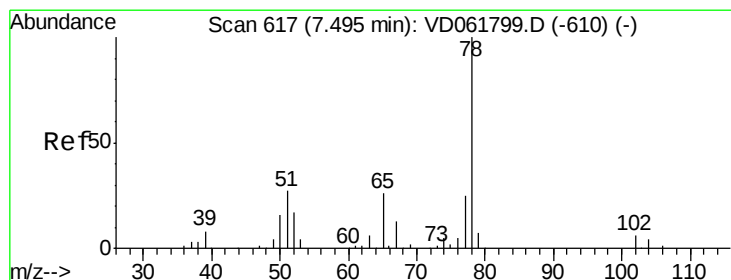
Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



Time--> 3.78 3.80 3.82 3.84 3.86



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.00 min

Lab File: VD061947.D

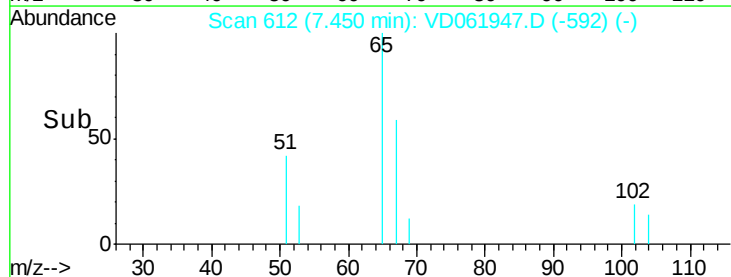
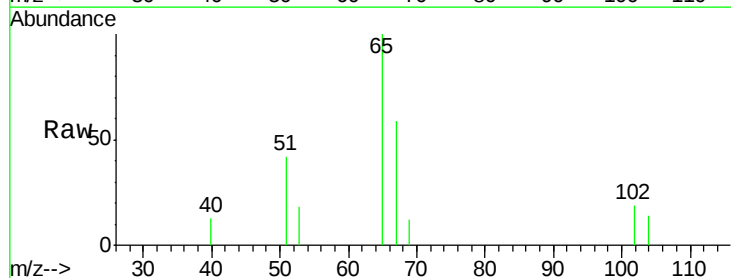
Acq: 22 Apr 2019 19:11

Tgt Ion: 65 Resp: 9229

Ion Ratio Lower Upper

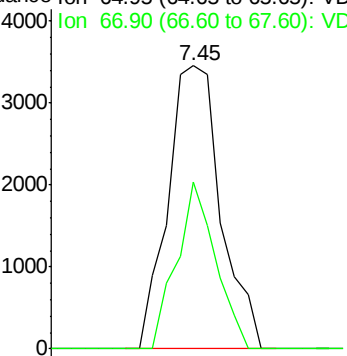
65 100

67 59.0 0.0 98.0

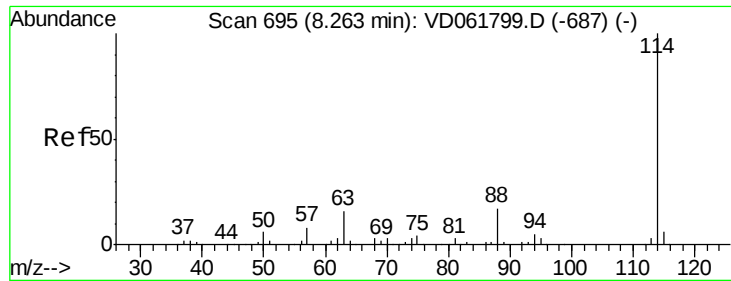


Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



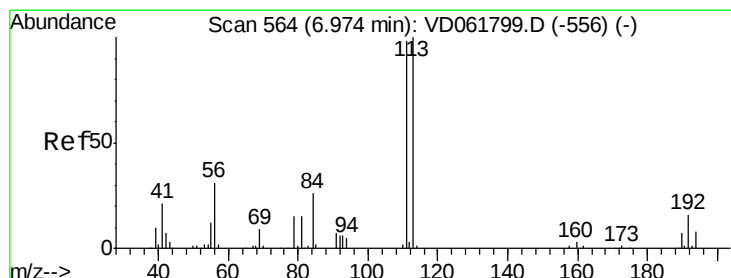
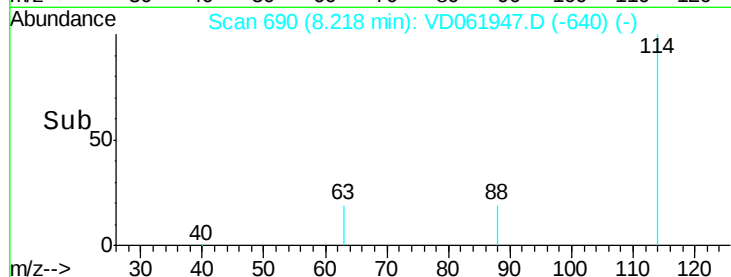
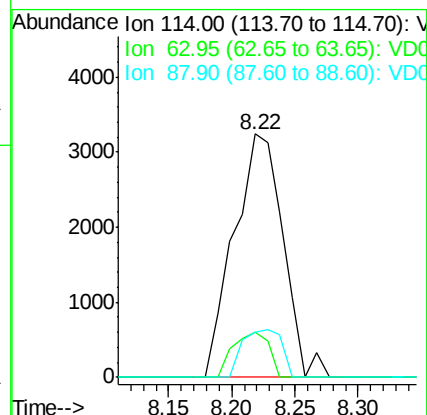
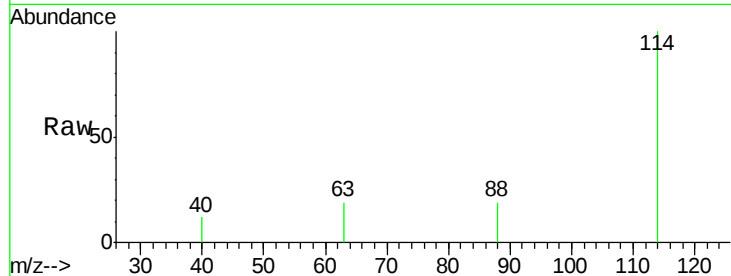
Time--> 7.35 7.40 7.45 7.50



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: VD061947.D
 Acq: 22 Apr 2019 19:11

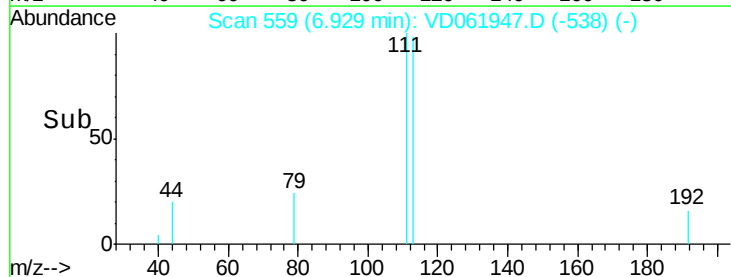
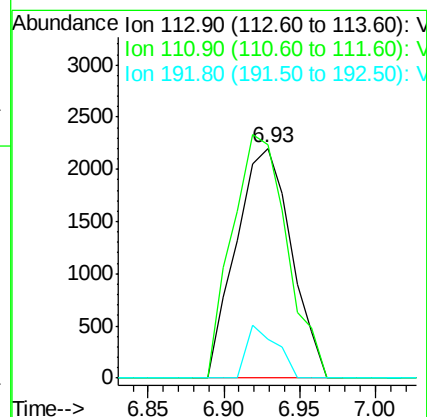
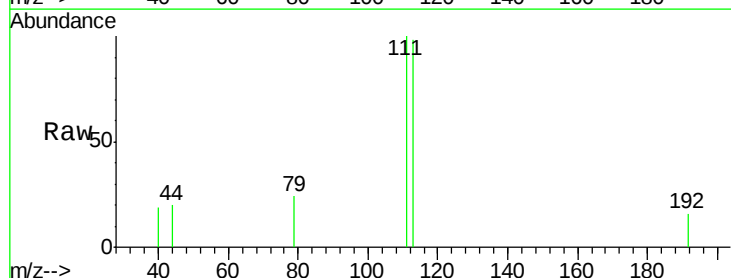
Instrument :
 MSVOA_D
 ClientSampleId :
 200027

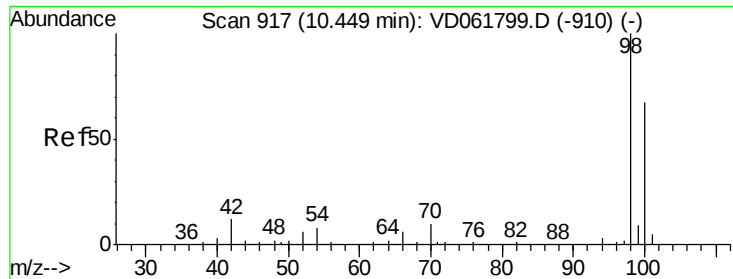
Tot Ion:114 Resp: 8762
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 32.4
 88 18.6 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.01 min
 Lab File: VD061947.D
 Acq: 22 Apr 2019 19:11

Tgt Ion:113 Resp: 5593
 Ion Ratio Lower Upper
 113 100
 111 101.9 78.5 117.7
 192 16.8 13.0 19.4

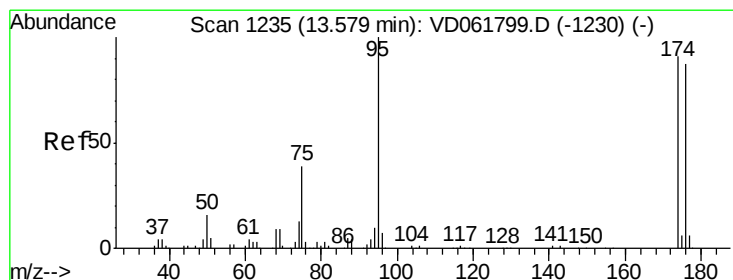
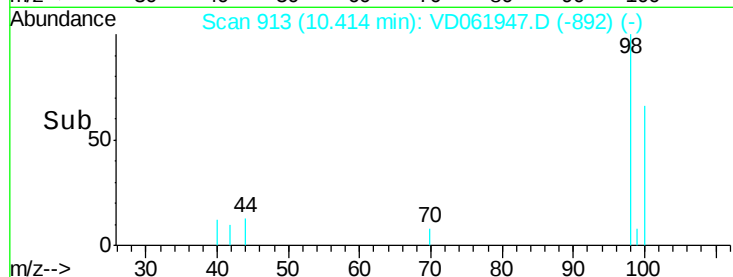
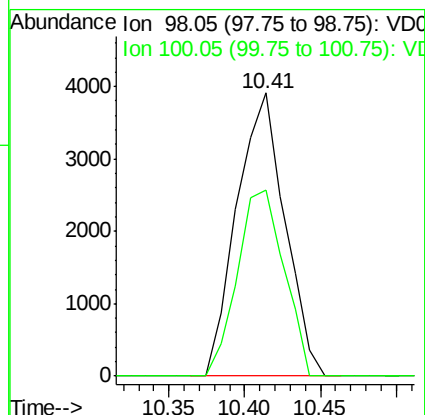
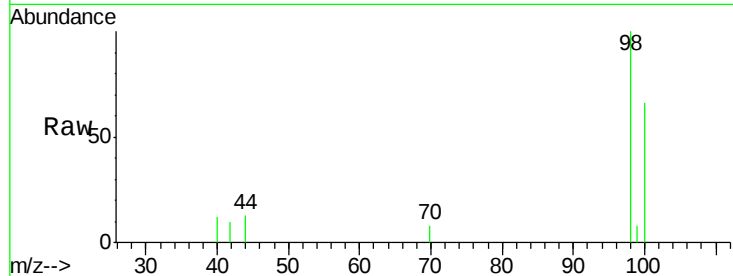




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD061947.D
Acq: 22 Apr 2019 19:11

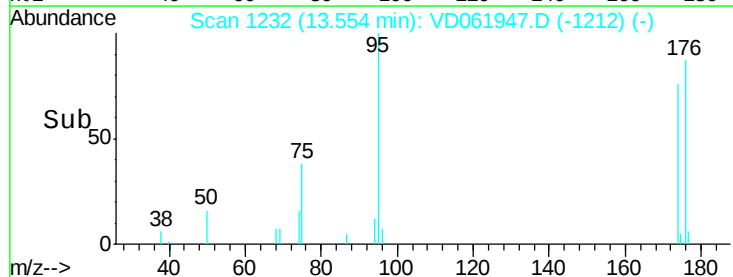
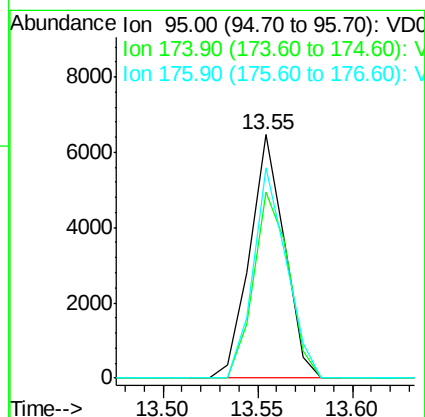
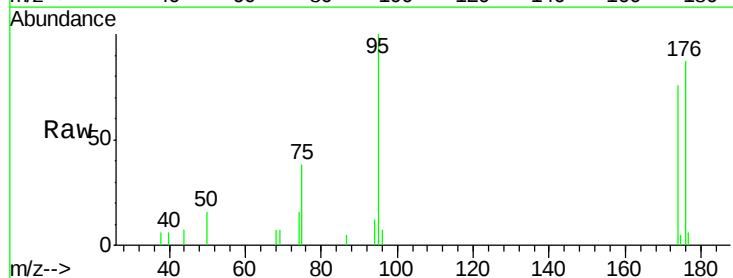
Instrument :
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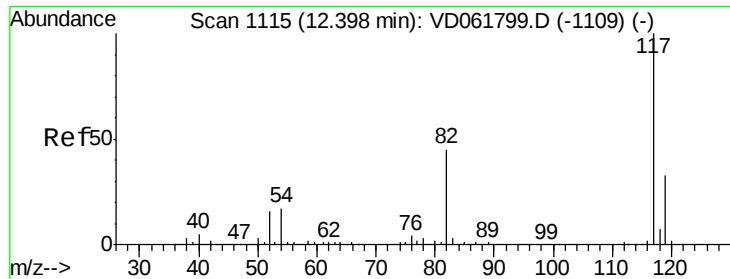
Tot Ion: 98 Resp: 8661
Ion Ratio Lower Upper
98 100
100 65.9 53.8 80.8



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD061947.D
Acq: 22 Apr 2019 19:11

Tgt Ion: 95 Resp: 8207
Ion Ratio Lower Upper
95 100
174 76.5 0.0 181.8
176 86.5 0.0 174.4

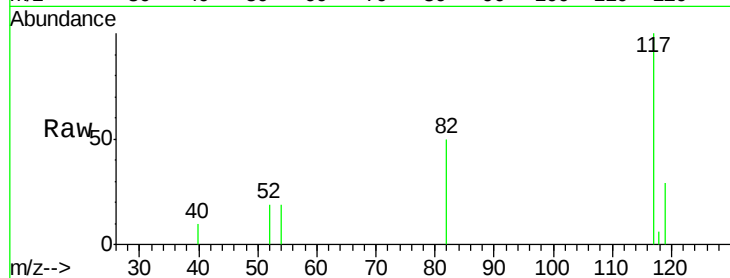




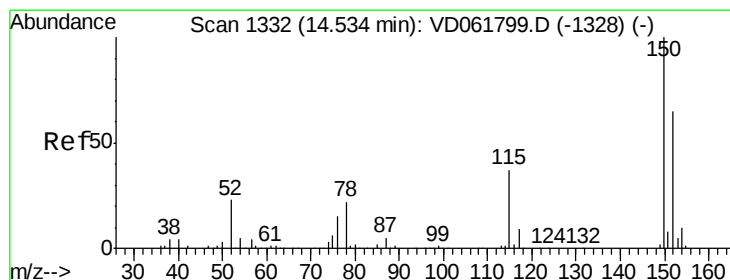
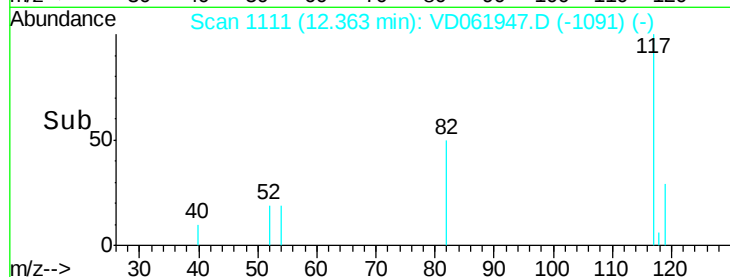
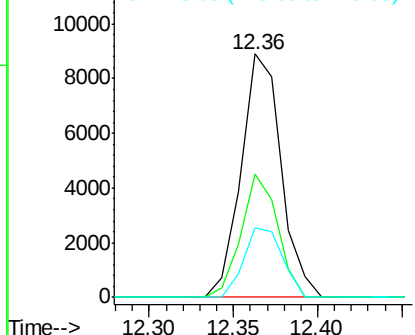
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD061947.D
Acq: 22 Apr 2019 19:11

Instrument :
MSVOA_D
ClientSampleId :
200027

Tot Ion:117 Resp: 14657
Ion Ratio Lower Upper
117 100
82 50.4 36.2 54.2
119 28.8 26.2 39.4

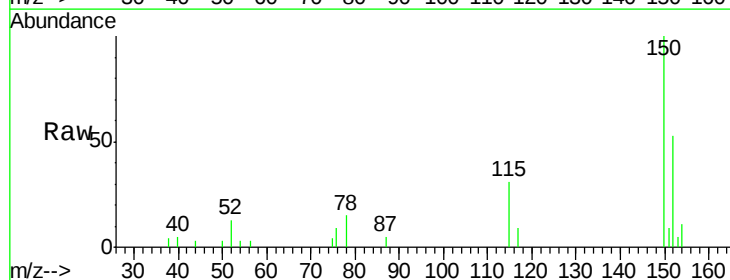


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

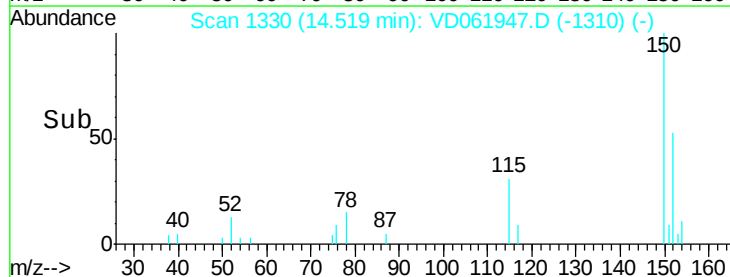
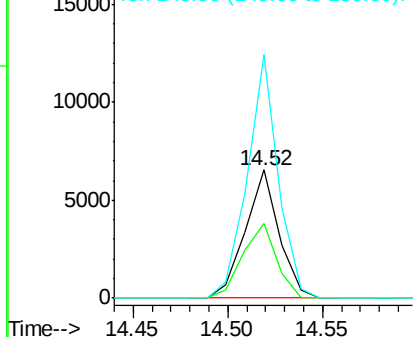


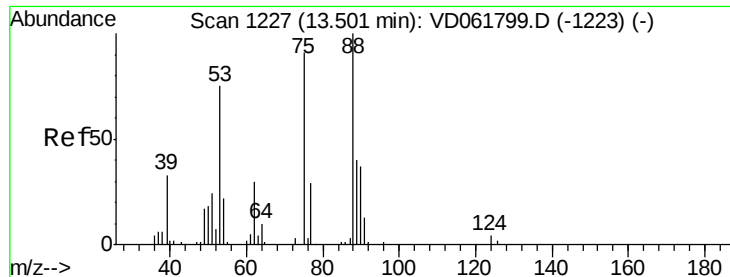
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD061947.D
Acq: 22 Apr 2019 19:11

Tgt Ion:152 Resp: 8068
Ion Ratio Lower Upper
152 100
115 58.7 30.9 92.7
150 190.5 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: 76.855 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.08 min

Lab File: VD061947.D

Acq: 22 Apr 2019 19:11

Instrument :

MSVOA_D

ClientSampleId :

200027

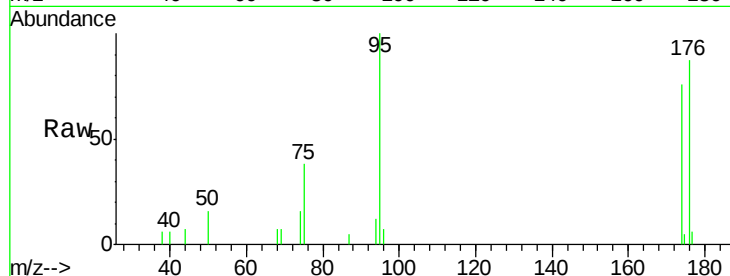
Tot Ion: 75 Resp: 2705

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

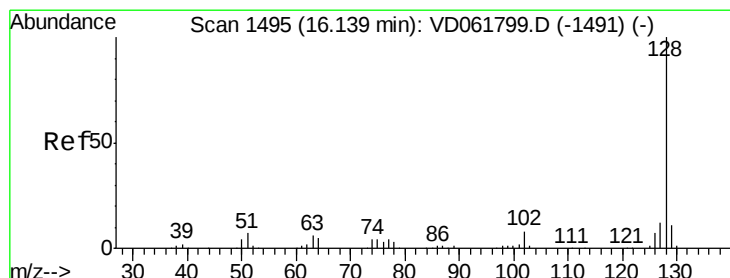
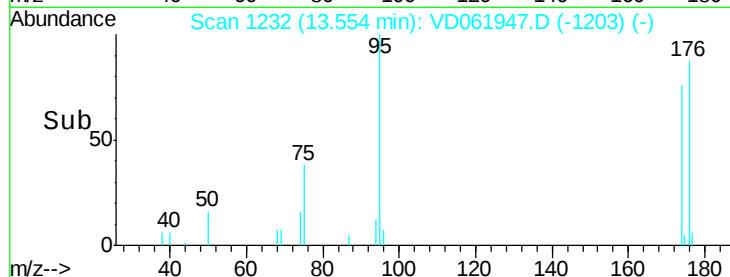
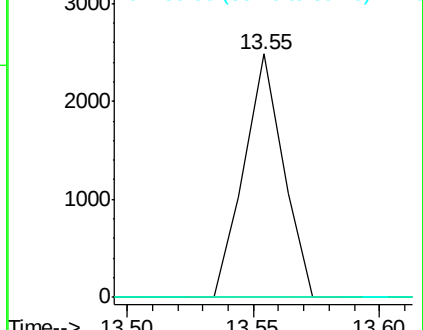
89 0.0 35.0 52.6#



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: 1.241 ug/l

RT: 16.12 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VD061947.D

Acq: 22 Apr 2019 19:11

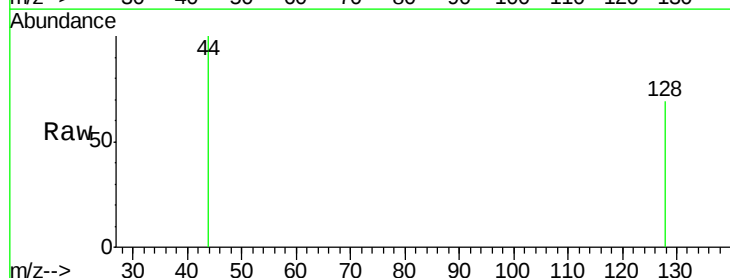
Tgt Ion: 128 Resp: 227

Ion Ratio Lower Upper

128 100

127 0.0 9.8 14.8#

129 0.0 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

