

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091120\
 Data File : VD066657.D
 Acq On : 11 Sep 2020 19:14
 Operator : VA/SY
 Sample : L3981-08
 Misc : 11.52G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B19-4-6

Quant Time: Sep 21 00:58:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

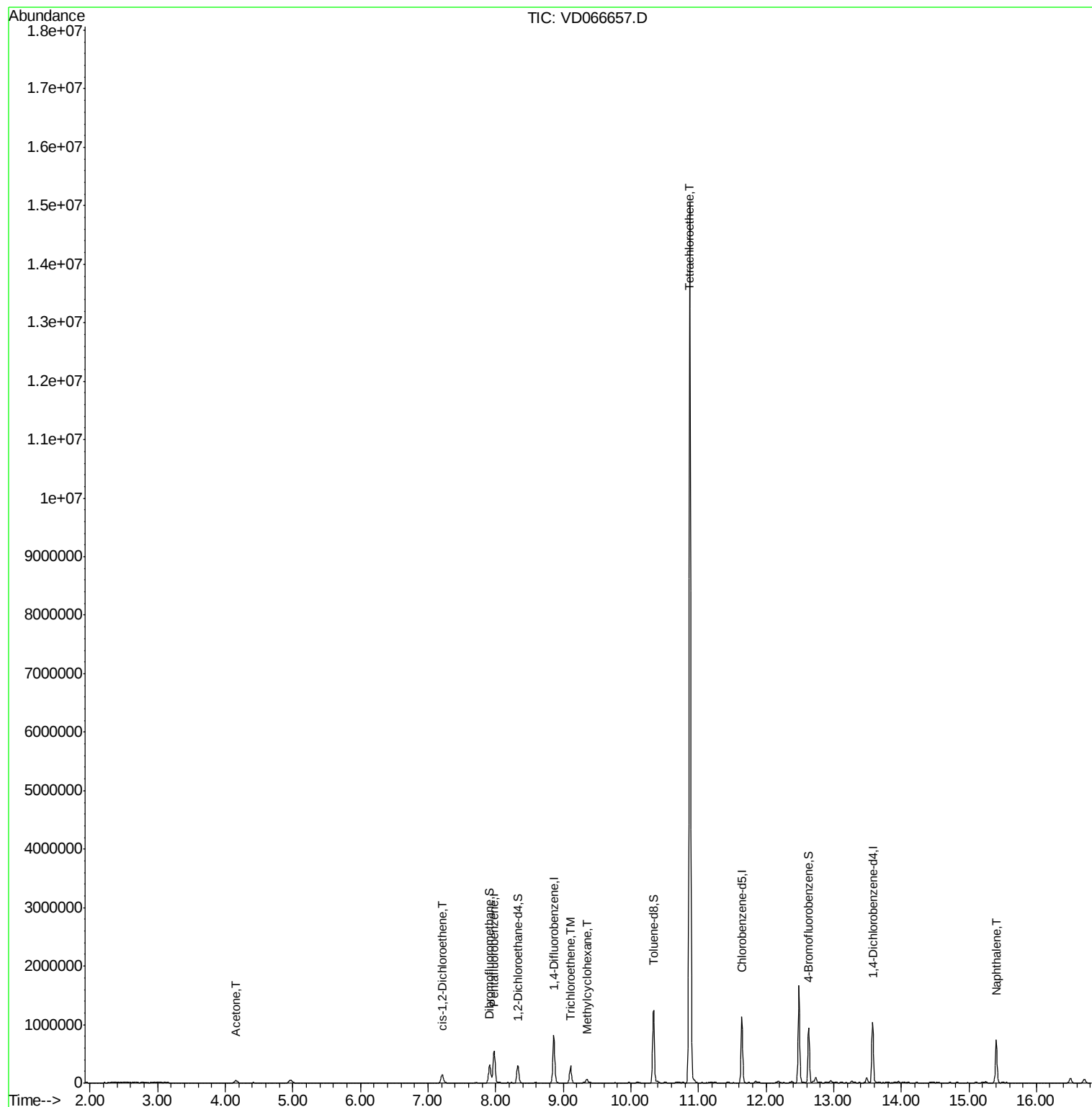
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	371411	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	651753	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	615748	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	259470	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	229966	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
35) Dibromofluoromethane	7.91	113	220334	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
50) Toluene-d8	10.34	98	818371	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	
62) 4-Bromofluorobenzene	12.63	95	292678	56.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.34%	
Target Compounds						
16) Acetone	4.16	43	77715	93.991	ug/l	94
27) cis-1,2-Dichloroethene	7.21	96	77171	16.150	ug/l	90
39) Methylcyclohexane	9.35	83	22998	3.036	ug/l	91
44) Trichloroethene	9.11	130	102528	21.041	ug/l	97
64) Tetrachloroethene	10.87	164	3095277	746.596	ug/l	97
95) Naphthalene	15.41	128	603436	77.422	ug/l	99

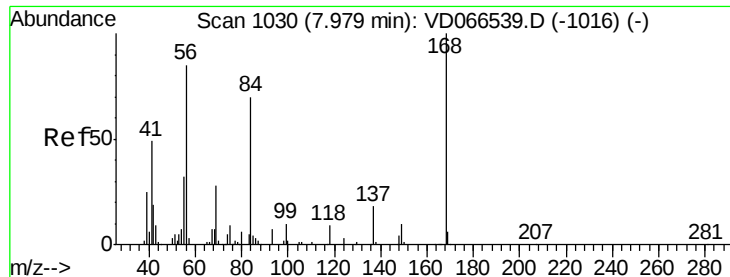
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091120\
Data File : VD066657.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066657.D

Acq: 11 Sep 2020 19:14

Instrument :

MSVOA_D

ClientSampleId :

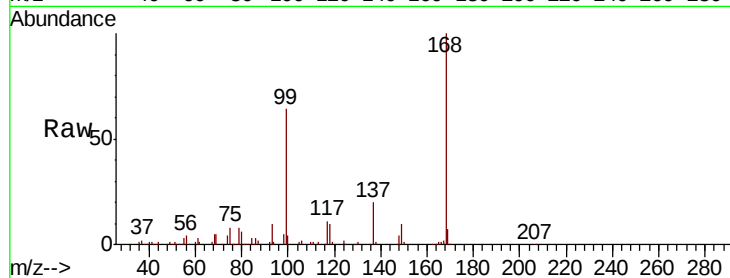
B19-4-6

Tot Ion:168 Resp: 371411

Ion Ratio Lower Upper

168 100

99 63.9 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

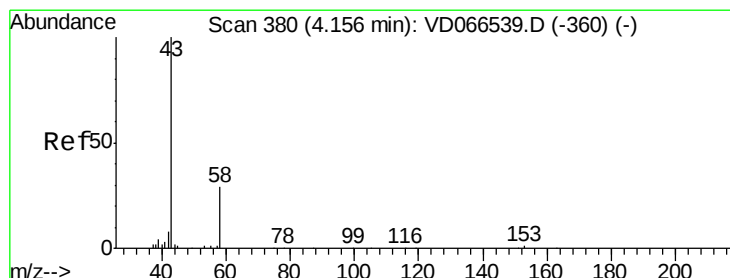
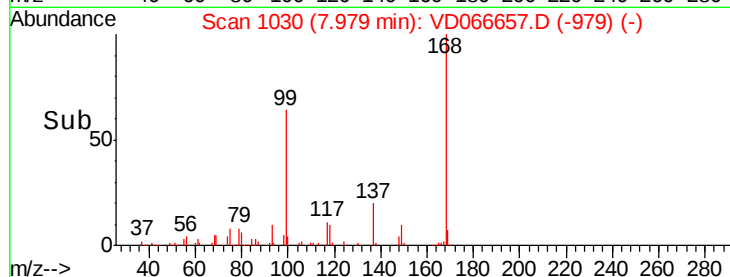
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 93.991 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066657.D

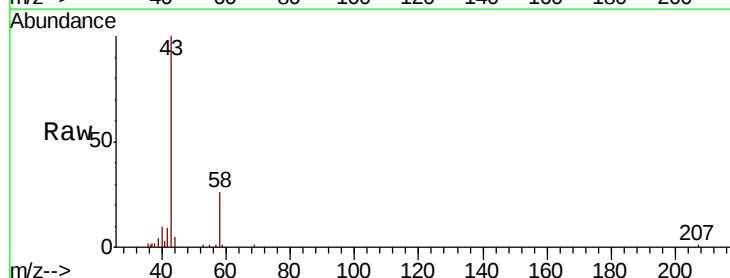
Acq: 11 Sep 2020 19:14

Tgt Ion: 43 Resp: 77715

Ion Ratio Lower Upper

43 100

58 25.6 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

30000

25000

20000

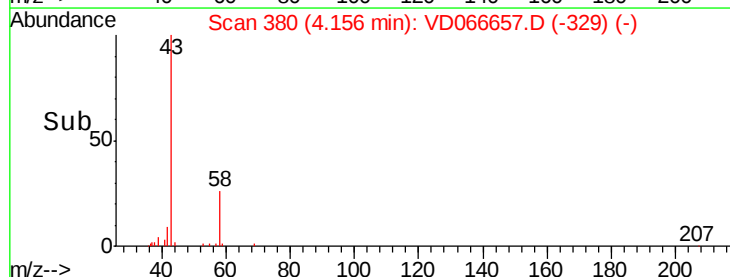
15000

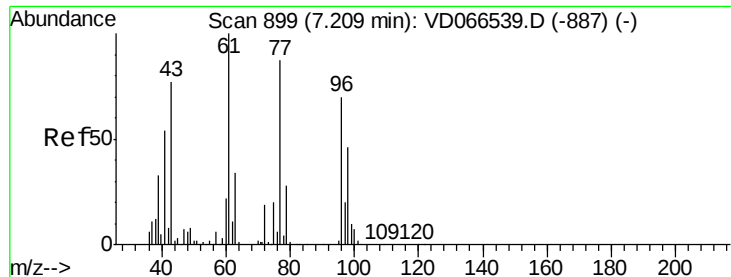
10000

5000

0

Time-->



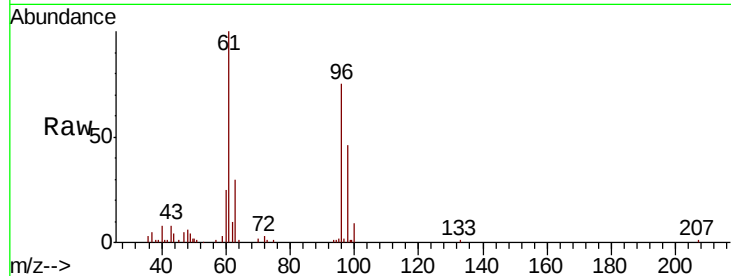


#27

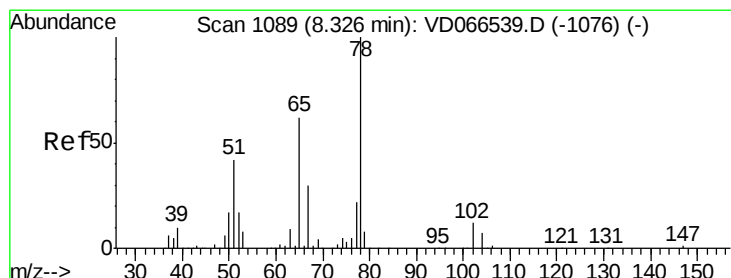
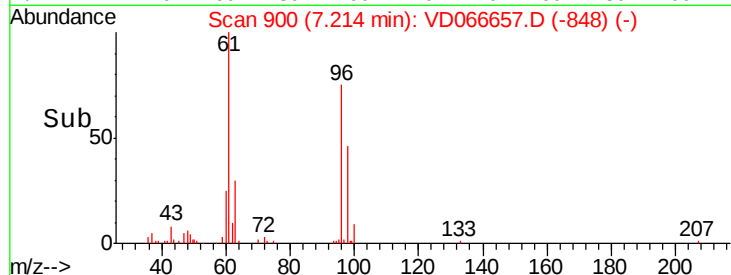
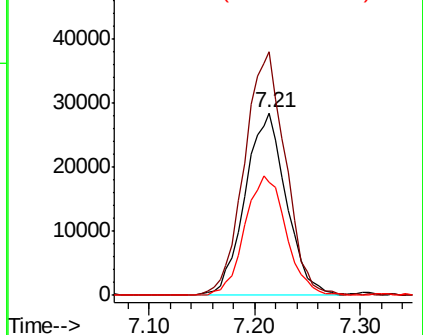
cis-1,2-Dichloroethene
Concen: 16.150 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.01 min
Lab File: VD066657.D
Acq: 11 Sep 2020 19:14

Instrument :
MSVOA_D
ClientSampleId :
B19-4-6

Tot Ion: 96 Resp: 77171
Ion Ratio Lower Upper
96 100
61 132.8 0.0 301.0
98 65.3 0.0 129.8



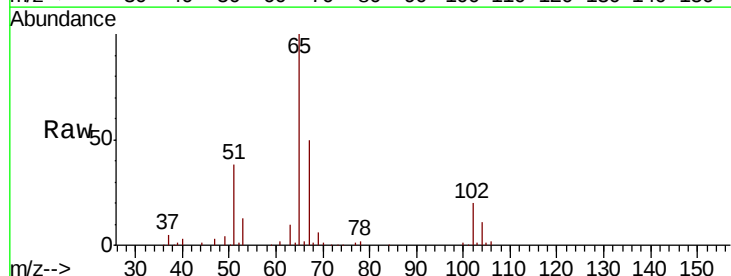
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



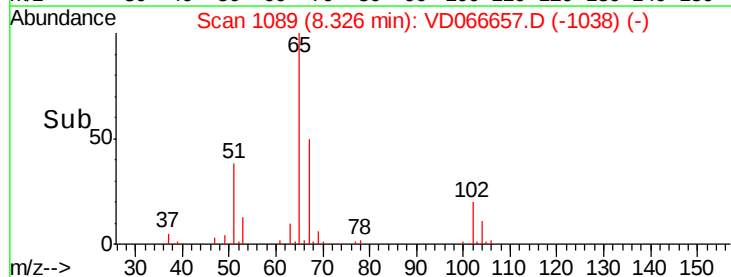
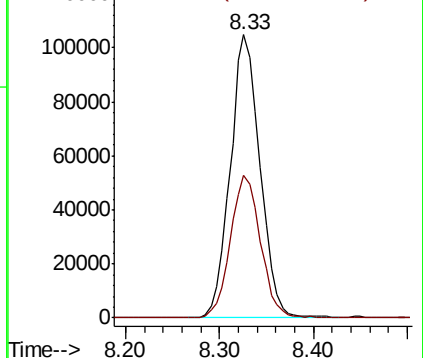
#33

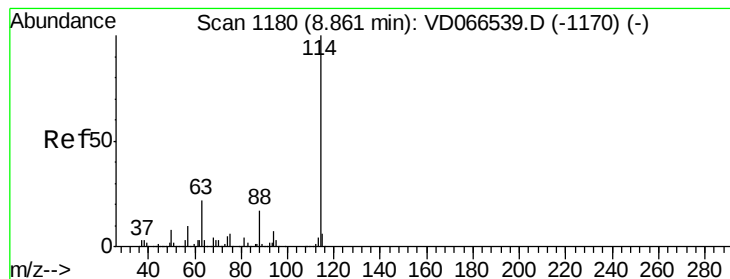
1,2-Dichloroethane-d4
Concen: 51.175 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VD066657.D
Acq: 11 Sep 2020 19:14

Tgt Ion: 65 Resp: 229966
Ion Ratio Lower Upper
65 100
67 51.1 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066657.D

Acq: 11 Sep 2020 19:14

Instrument :

MSVOA_D

ClientSampleId :

B19-4-6

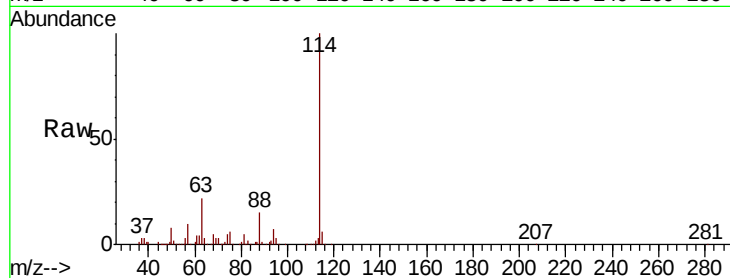
Tot Ion:114 Resp: 651753

Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.2

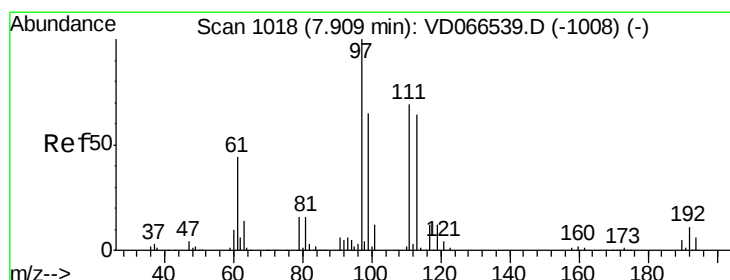
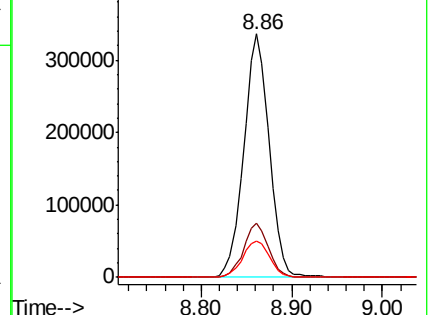
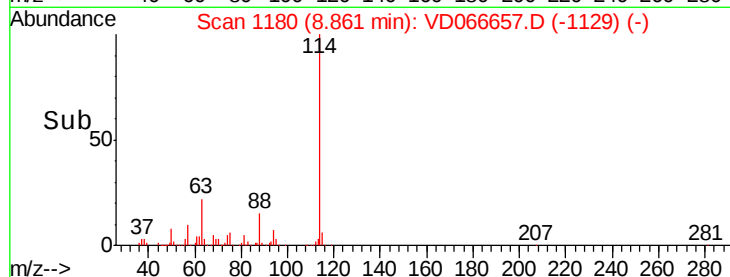
88 15.1 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.113 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066657.D

Acq: 11 Sep 2020 19:14

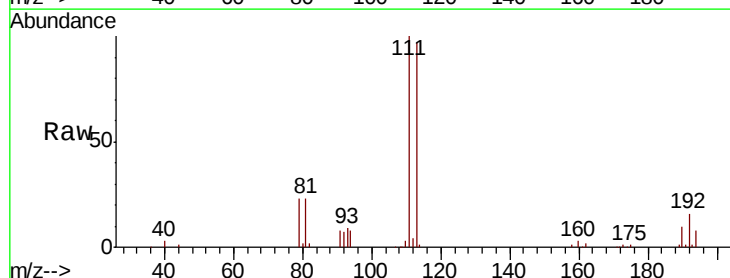
Tgt Ion:113 Resp: 220334

Ion Ratio Lower Upper

113 100

111 104.6 83.2 124.8

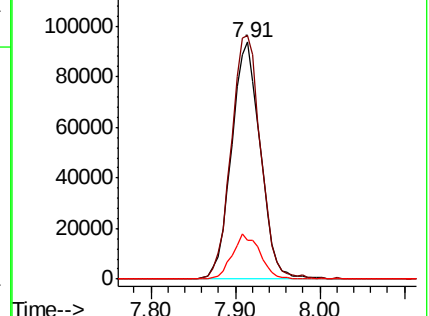
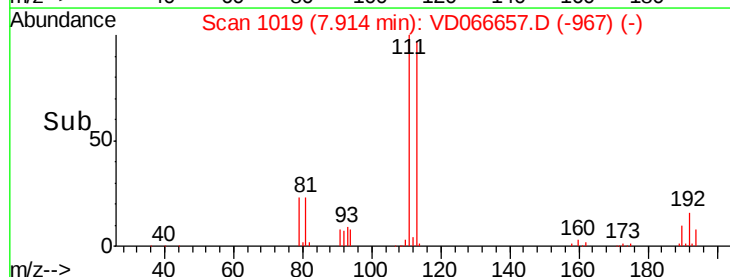
192 18.3 13.7 20.5

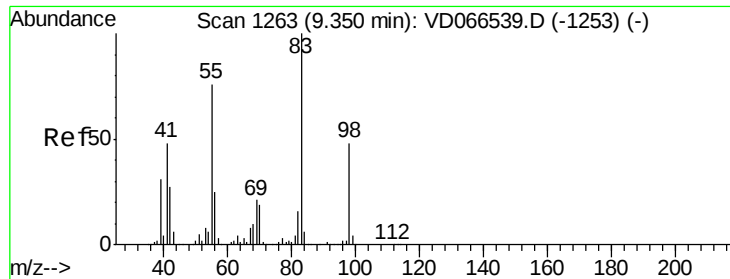


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

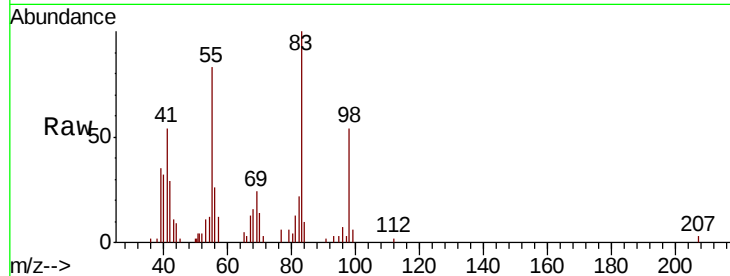




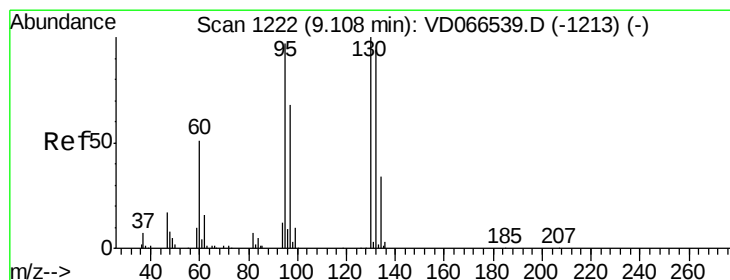
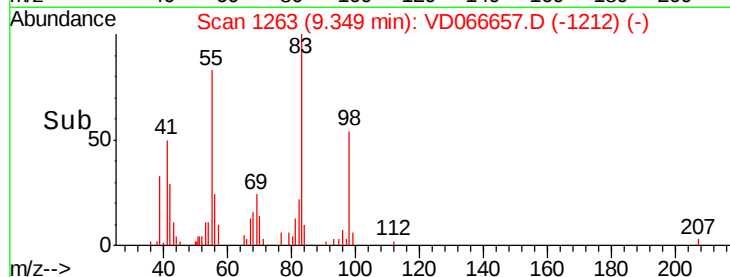
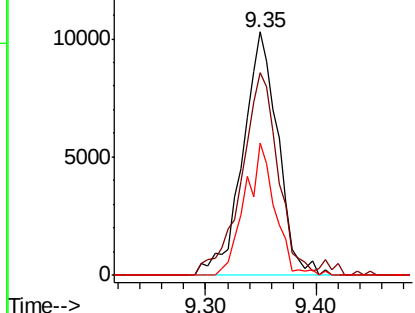
#39
Methvlcvclohexane
Concen: 3.036 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066657.D
Acq: 11 Sep 2020 19:14

Instrument :
MSVOA_D
ClientSampleId :
B19-4-6

Tot Ion: 83 Resp: 22998
Ion Ratio Lower Upper
83 100
55 83.2 60.8 91.2
98 54.3 38.6 58.0

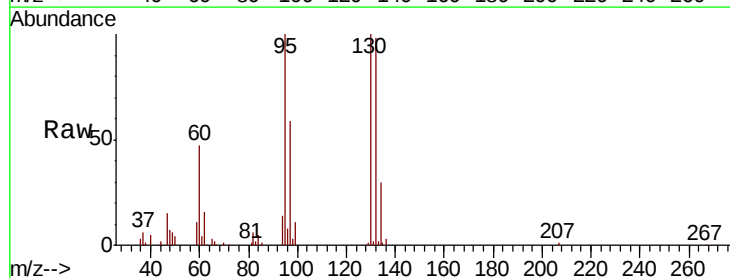


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

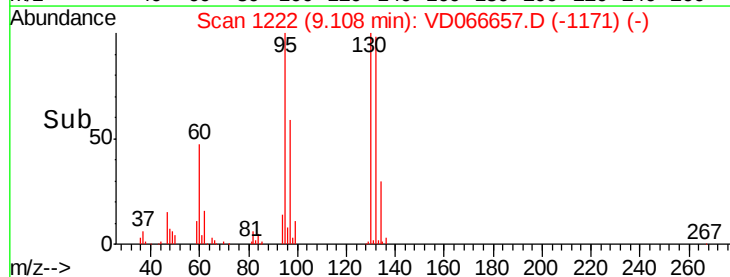
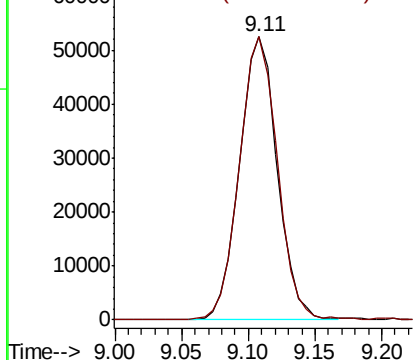


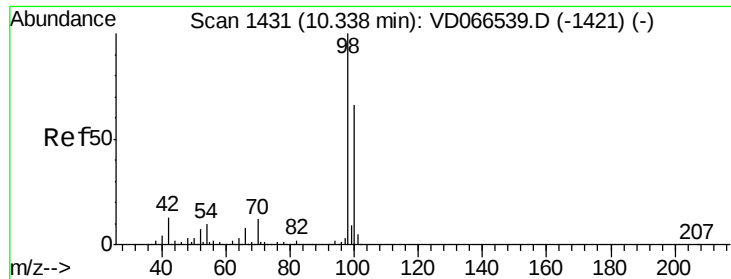
#44
Trichloroethene
Concen: 21.041 ug/l
RT: 9.11 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VD066657.D
Acq: 11 Sep 2020 19:14

Tgt Ion:130 Resp: 102528
Ion Ratio Lower Upper
130 100
95 100.1 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC





#50

Toluene-d8

Concen: 52.077 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066657.D

Acq: 11 Sep 2020 19:14

Instrument :

MSVOA_D

ClientSampleId :

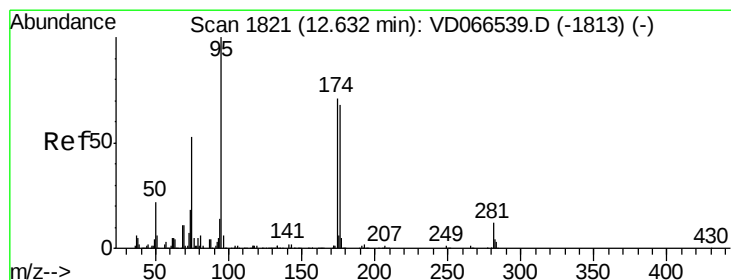
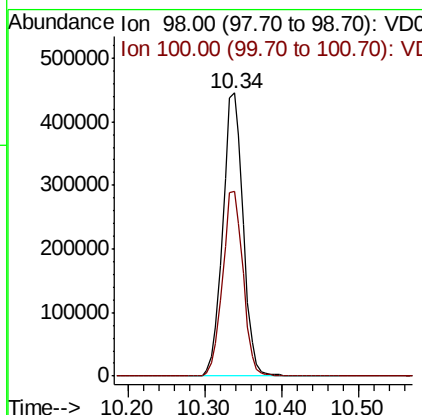
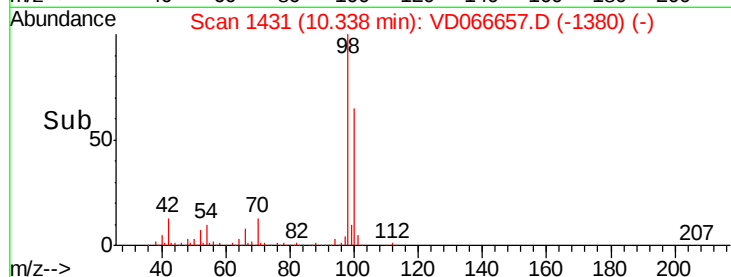
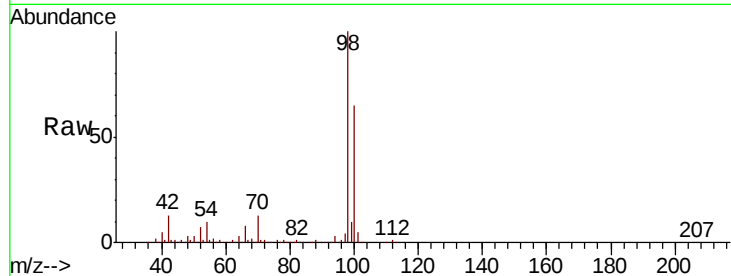
B19-4-6

Tot Ion: 98 Resp: 818371

Ion Ratio Lower Upper

98 100

100 65.5 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 56.167 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066657.D

Acq: 11 Sep 2020 19:14

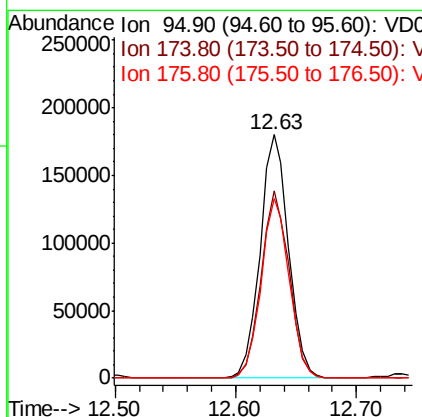
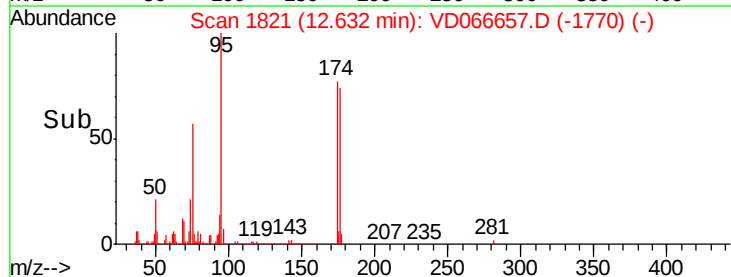
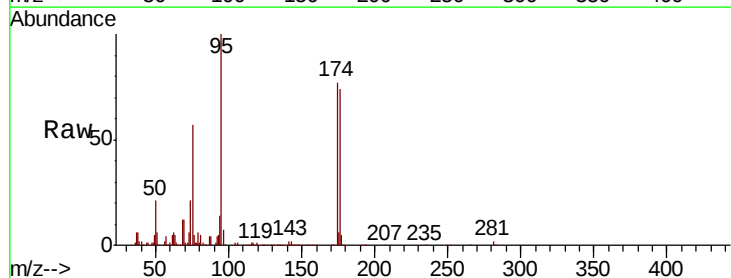
Tgt Ion: 95 Resp: 292678

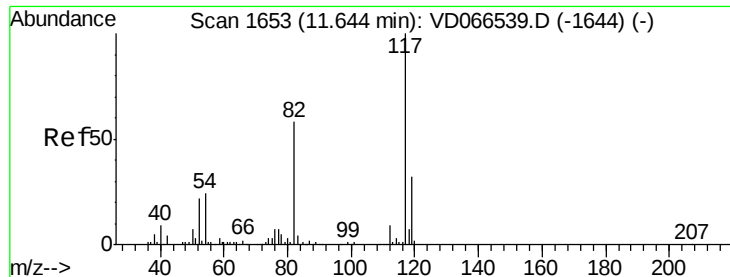
Ion Ratio Lower Upper

95 100

174 76.0 0.0 155.8

176 73.3 0.0 148.6

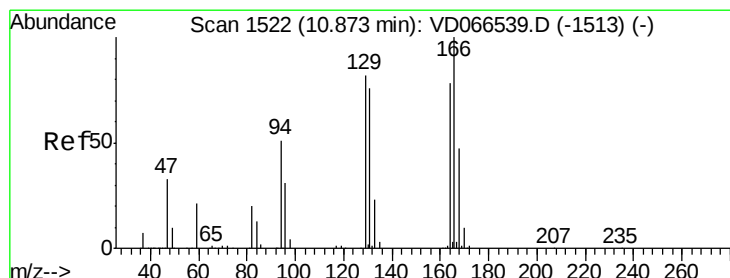
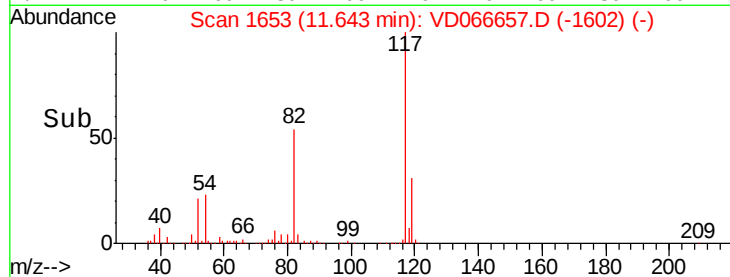
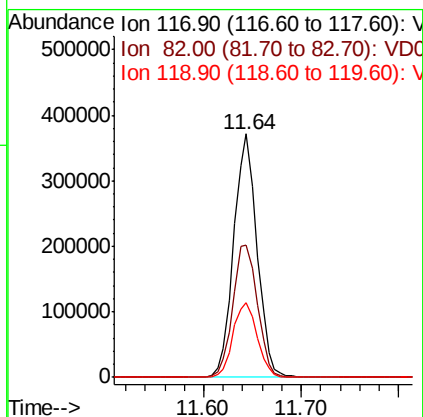
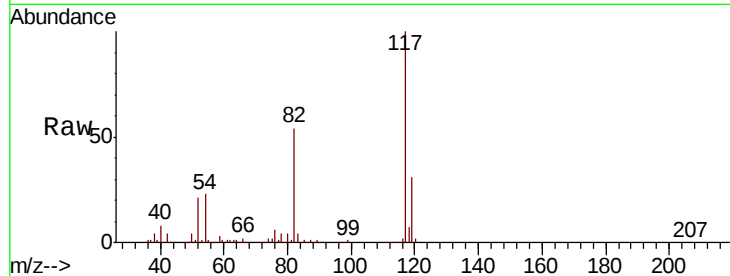




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066657.D
Acq: 11 Sep 2020 19:14

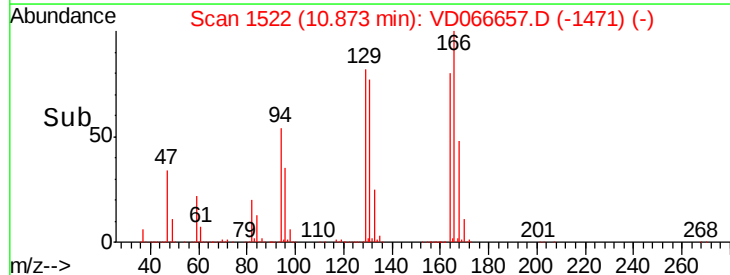
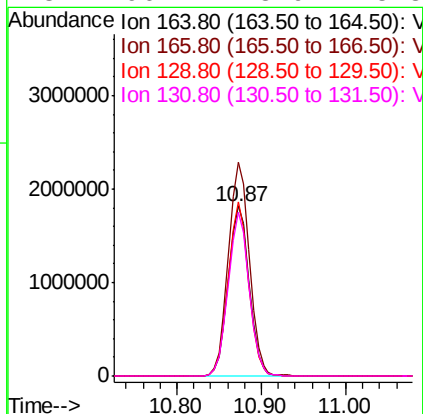
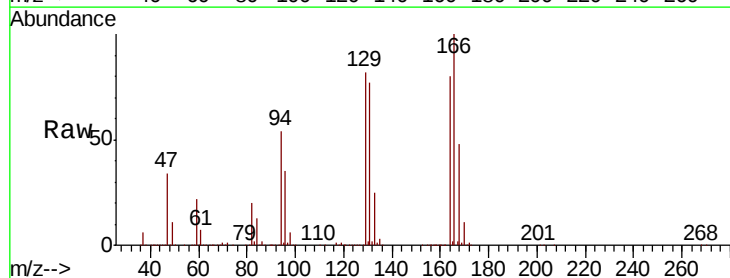
Instrument :
MSVOA_D
ClientSampleId :
B19-4-6

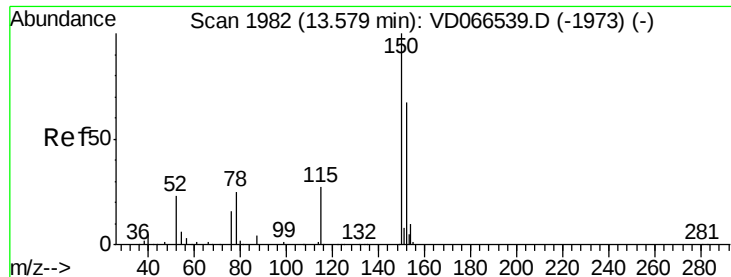
Tot Ion:117 Resp: 615748
Ion Ratio Lower Upper
117 100
82 54.1 46.2 69.2
119 30.9 25.8 38.8



#64
Tetrachloroethene
Concen: 746.596 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066657.D
Acq: 11 Sep 2020 19:14

Tgt Ion:164 Resp: 3095277
Ion Ratio Lower Upper
164 100
166 125.8 103.2 154.8
129 102.7 84.5 126.7
131 96.4 78.9 118.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066657.D

Acq: 11 Sep 2020 19:14

Instrument :

MSVOA_D

ClientSampleId :

B19-4-6

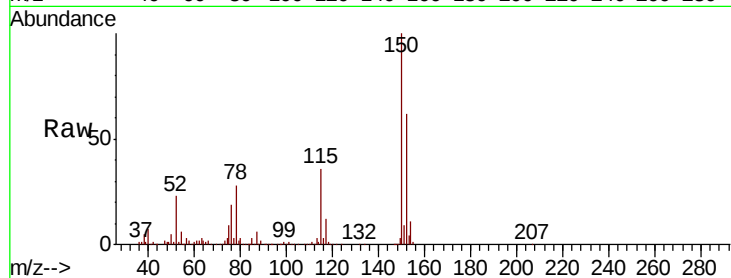
Tot Ion:152 Resp: 259470

Ion Ratio Lower Upper

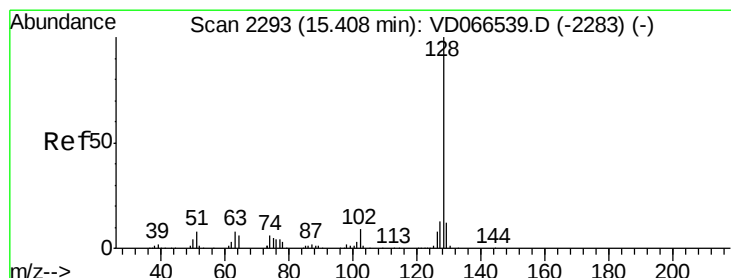
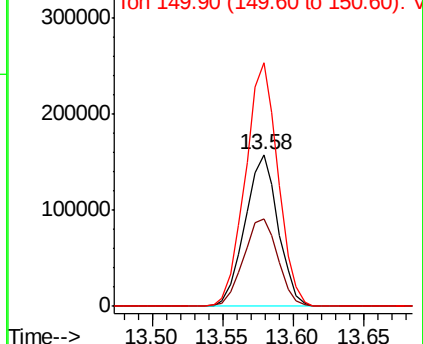
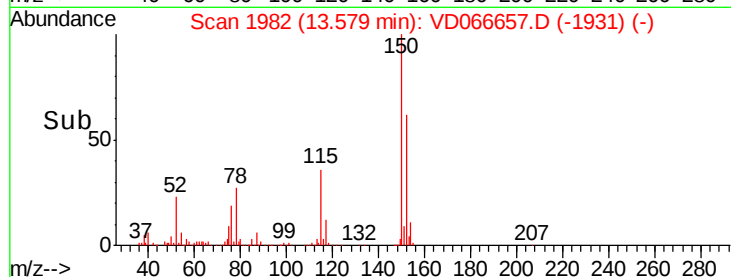
152 100

115 60.3 30.4 91.2

150 158.8 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene

Concen: 77.422 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD066657.D

Acq: 11 Sep 2020 19:14

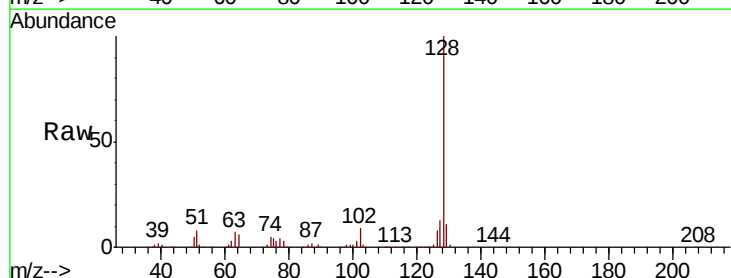
Tgt Ion:128 Resp: 603436

Ion Ratio Lower Upper

128 100

127 13.0 10.7 16.1

129 11.2 9.1 13.7



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

