

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080519\
 Data File : VN057073.D
 Acq On : 5 Aug 2019 11:08
 Operator : JC/SP
 Sample : K4142-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 399L-241L

Quant Time: Aug 06 01:32:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 01:33:29 2019
 Response via : Initial Calibration

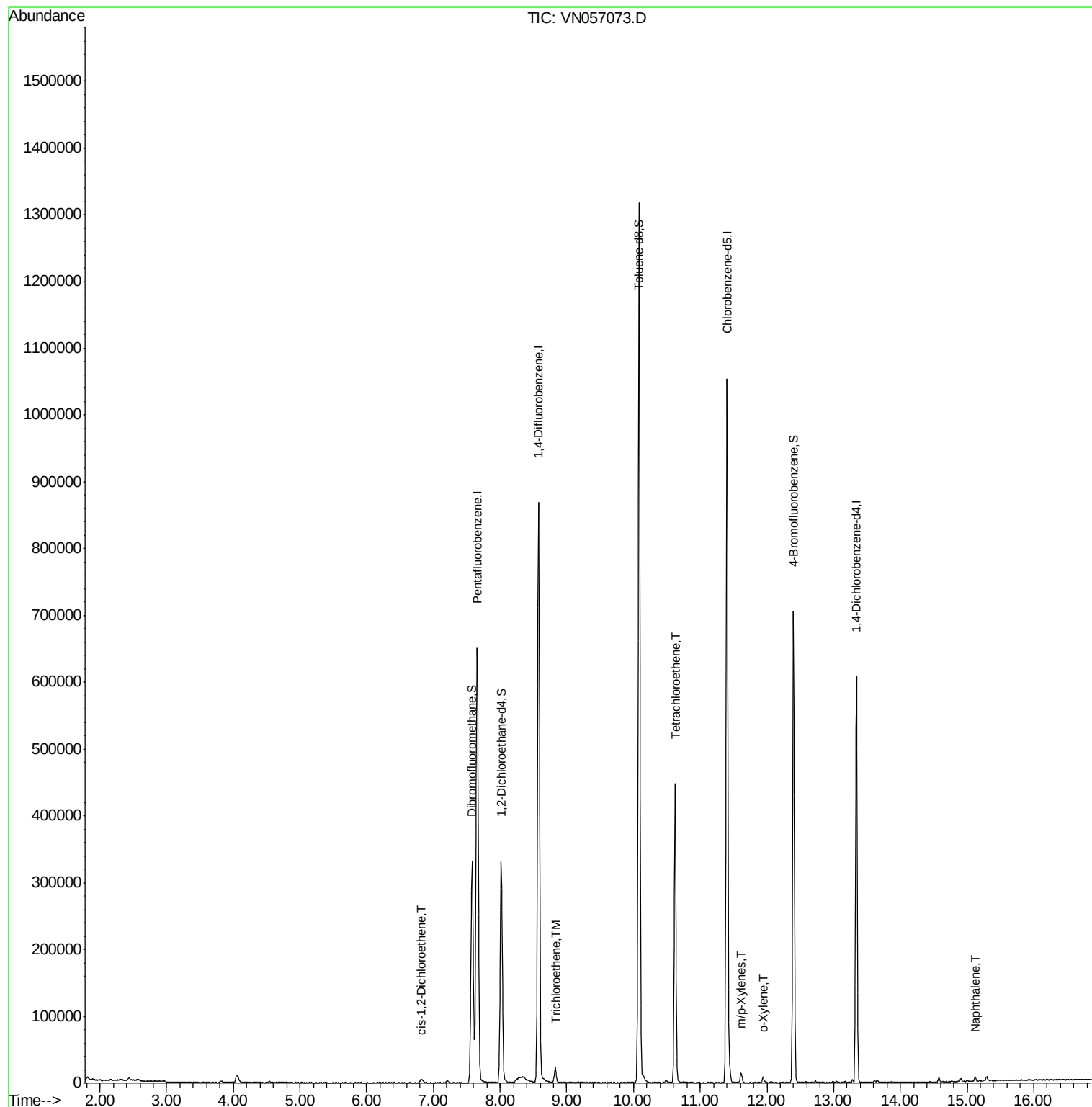
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	584594	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	833105	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	680334	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	184361	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	280253	46.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.66%	
35) Dibromofluoromethane	7.58	113	256658	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.24%	
50) Toluene-d8	10.08	98	970067	47.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.40%	
62) 4-Bromofluorobenzene	12.40	95	254063	38.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.74%	
Target Compounds						
27) cis-1,2-Dichloroethene	6.82	96	3165	0.490	ug/l	70
44) Trichloroethene	8.82	130	9146	1.470	ug/l	97
64) Tetrachloroethene	10.63	164	118355	20.188	ug/l	99
68) m/p-Xylenes	11.62	106	5853	0.662	ug/l	94
69) o-Xylene	11.94	106	2642	0.305	ug/l	98
95) Naphthalene	15.12	128	6128	4.314	ug/l #	96

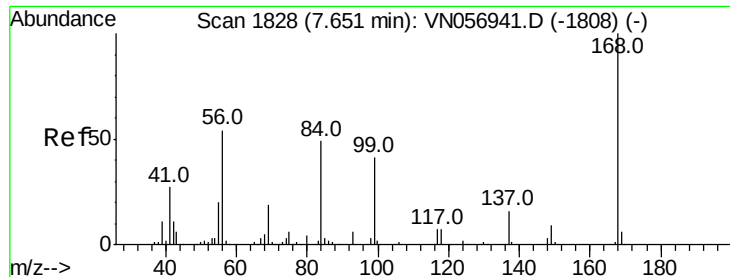
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN080519\
Data File : VN057073.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057073.D

Acq: 5 Aug 2019 11:08

Instrument :

MSVOA_N

ClientSampled :

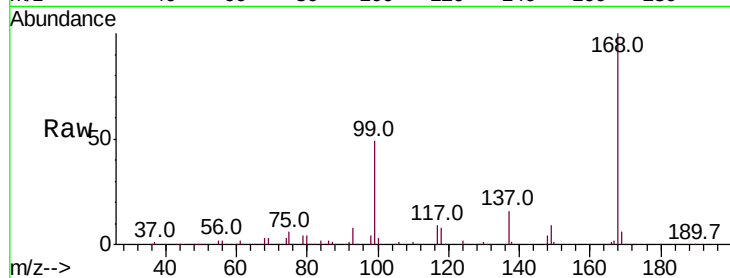
399L-241L

Tot Ion:168 Resp: 584594

Ion Ratio Lower Upper

168 100

99 49.3 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

250000

200000

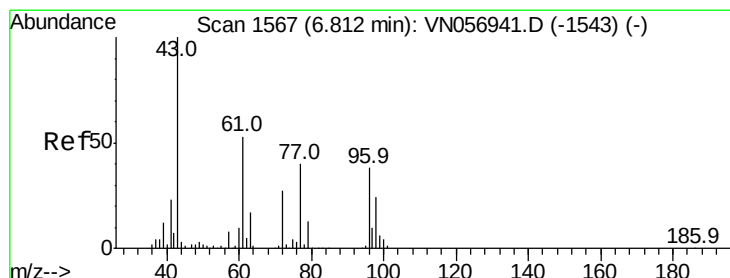
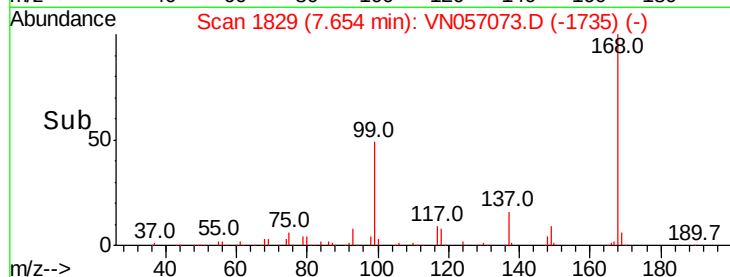
150000

100000

50000

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 0.490 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. 0.01 min

Lab File: VN057073.D

Acq: 5 Aug 2019 11:08

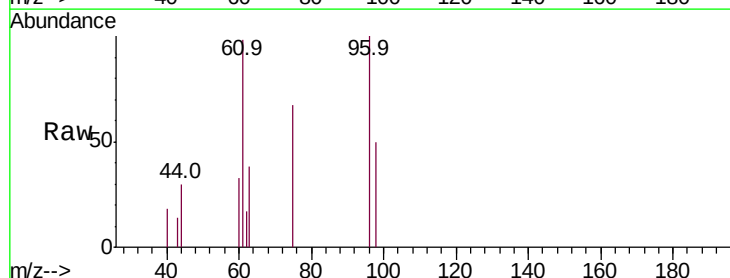
Tgt Ion: 96 Resp: 3165

Ion Ratio Lower Upper

96 100

61 91.2 0.0 277.2

98 55.6 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN

Ion 60.90 (60.60 to 61.60): VN

Ion 97.90 (97.60 to 98.60): VN

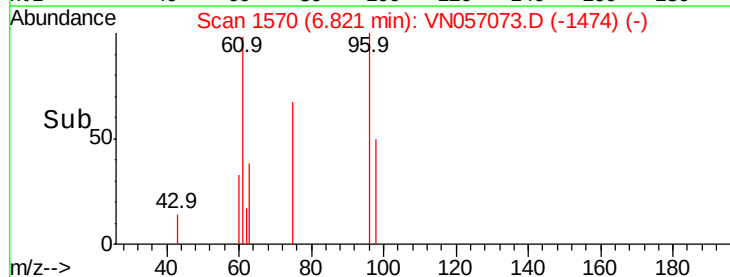
1500

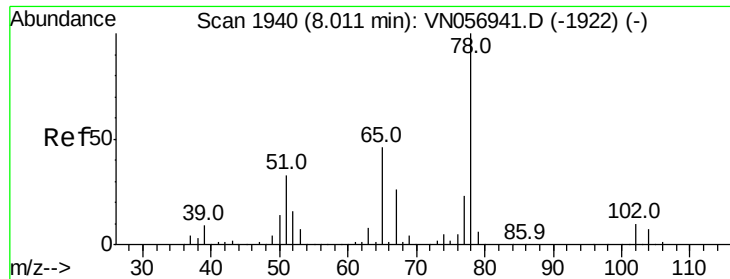
1000

500

0

Time-->

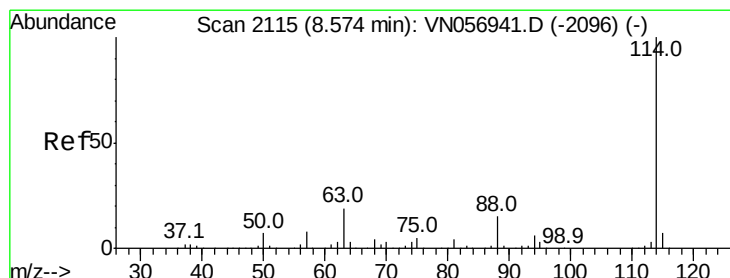
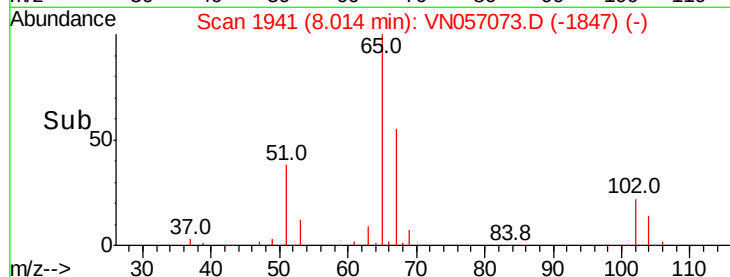
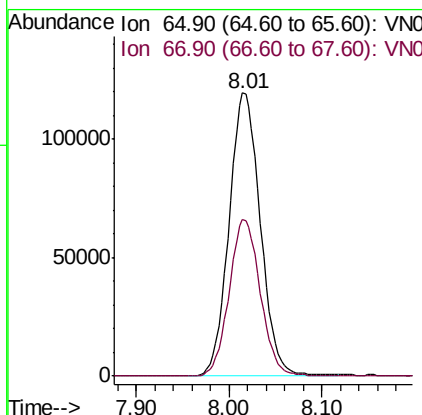
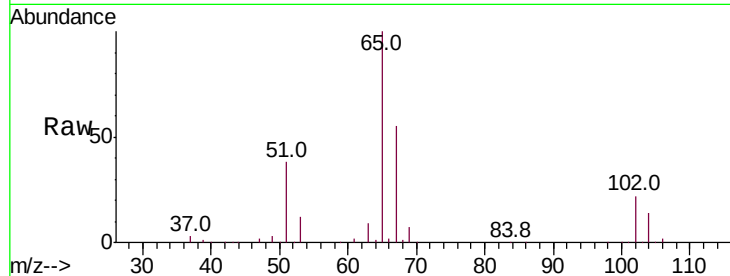




#33
 1,2-Dichloroethane-d4
 Concen: 46.832 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057073.D
 Acq: 5 Aug 2019 11:08

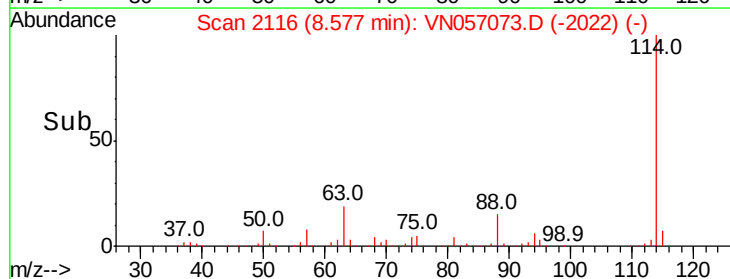
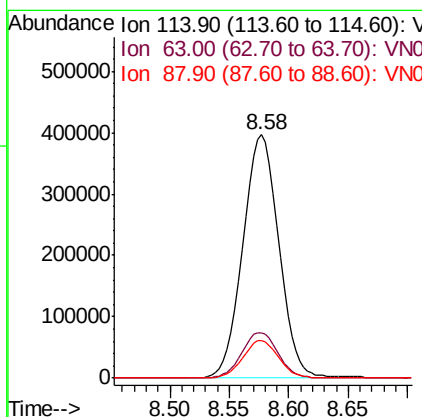
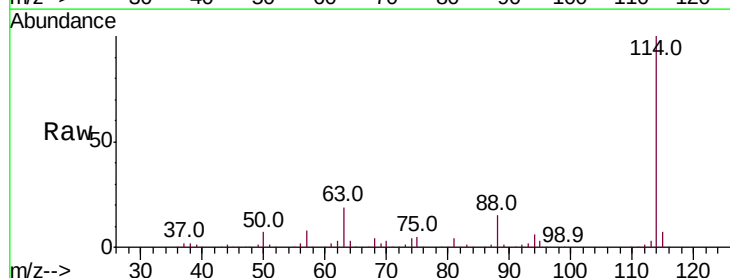
Instrument :
 MSVOA_N
 ClientSampled :
 399L-241L

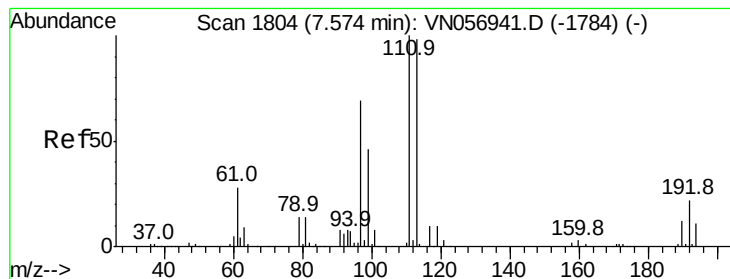
Tot Ion: 65 Resp: 280253
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057073.D
 Acq: 5 Aug 2019 11:08

Tgt Ion: 114 Resp: 833105
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 38.0
 88 15.5 0.0 30.0





#35

Dibromofluoromethane

Concen: 48.124 ug/l

RT: 7.58 min Scan# 1806

Delta R.T. 0.01 min

Lab File: VN057073.D

Acq: 5 Aug 2019 11:08

Instrument :

MSVOA_N

ClientSampleId :

399L-241L

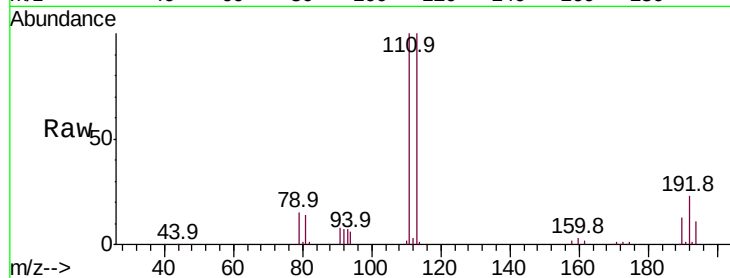
Tot Ion:113 Resp: 256658

Ion Ratio Lower Upper

113 100

111 102.2 82.0 123.0

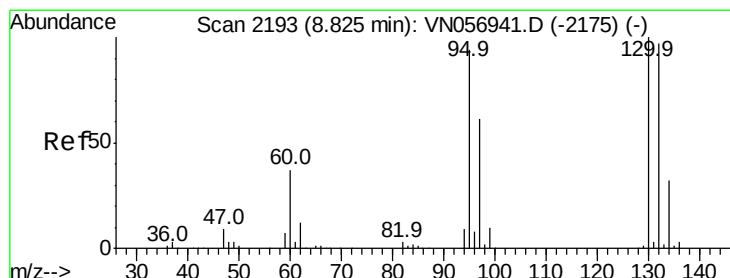
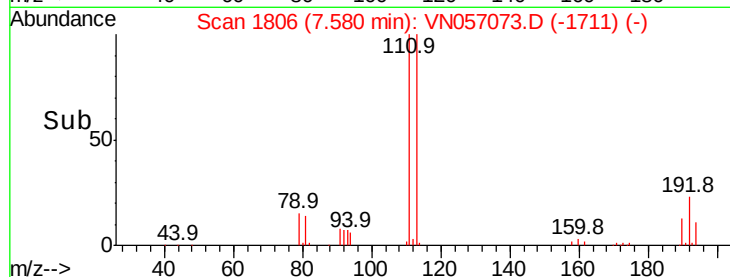
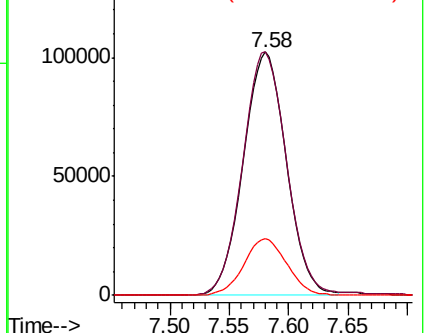
192 23.4 18.4 27.6



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



#44

Trichloroethene

Concen: 1.470 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VN057073.D

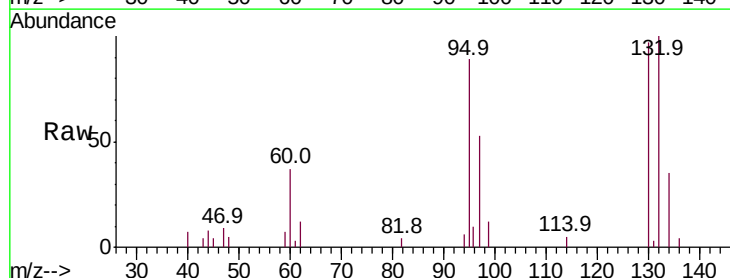
Acq: 5 Aug 2019 11:08

Tgt Ion:130 Resp: 9146

Ion Ratio Lower Upper

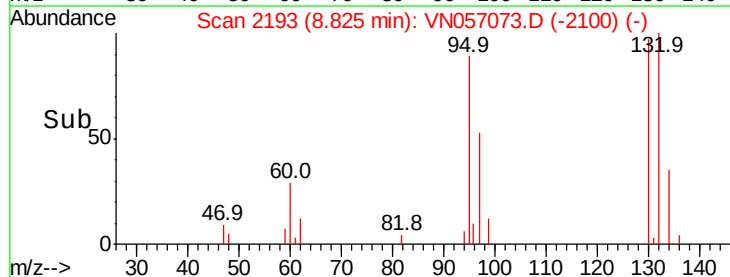
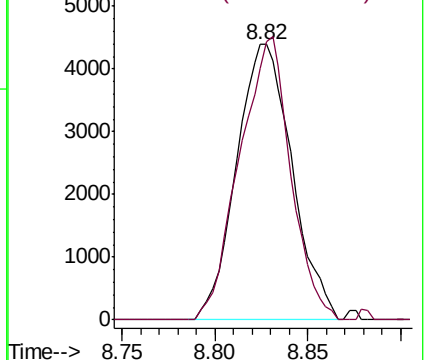
130 100

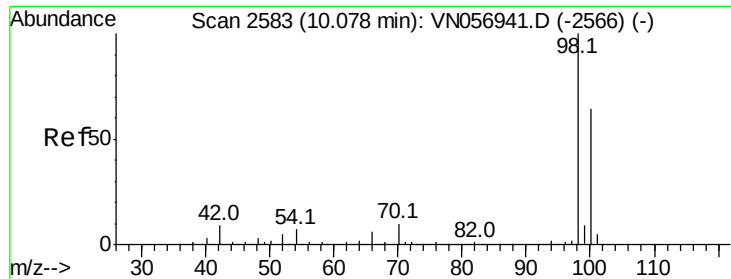
95 91.4 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V

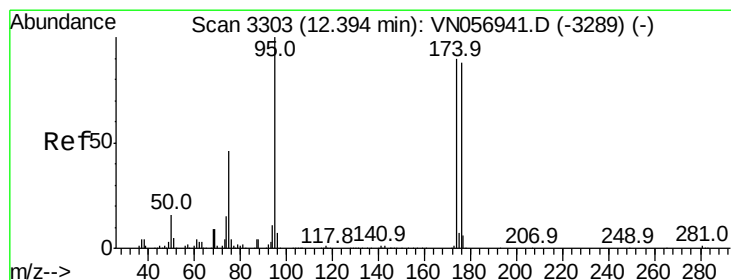
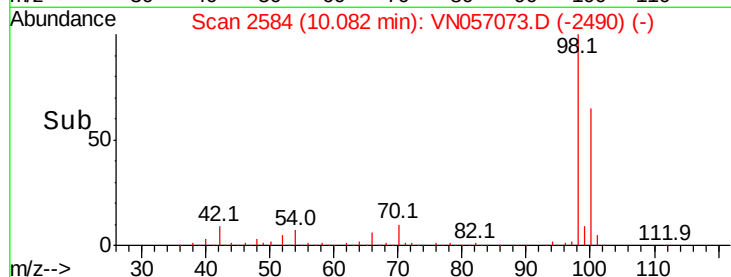
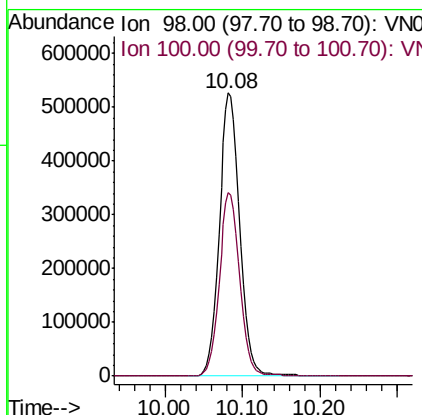
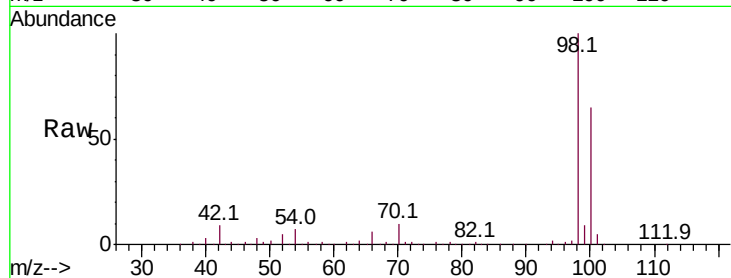




#50
Toluene-d8
Concen: 47.697 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN057073.D
Acq: 5 Aug 2019 11:08

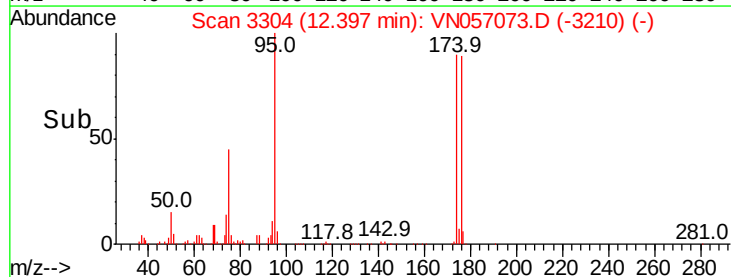
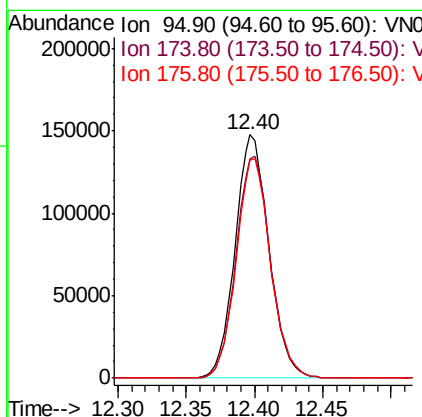
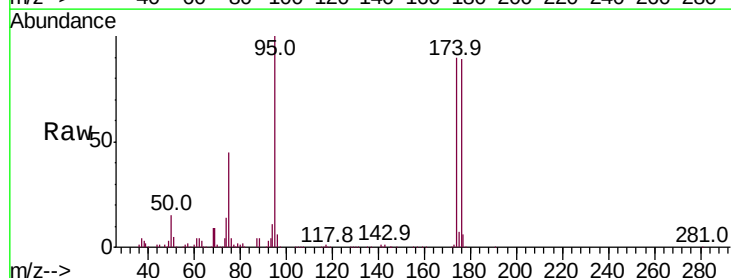
Instrument :
MSVOA_N
ClientSampled :
399L-241L

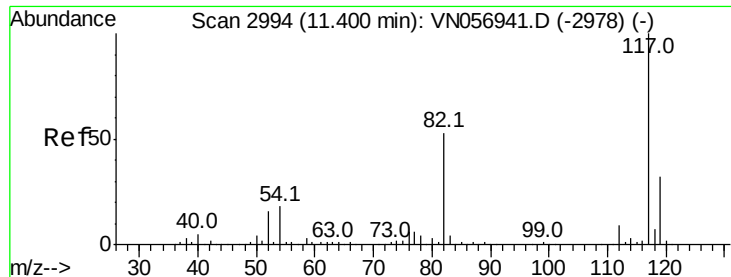
Tot Ion: 98 Resp: 970067
Ion Ratio Lower Upper
98 100
100 64.8 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 38.372 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN057073.D
Acq: 5 Aug 2019 11:08

Tgt Ion: 95 Resp: 254063
Ion Ratio Lower Upper
95 100
174 93.3 0.0 182.2
176 91.2 0.0 179.4

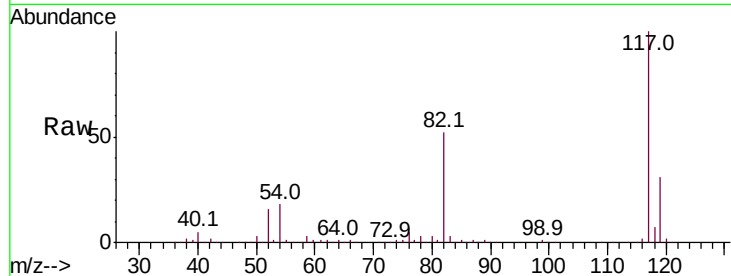




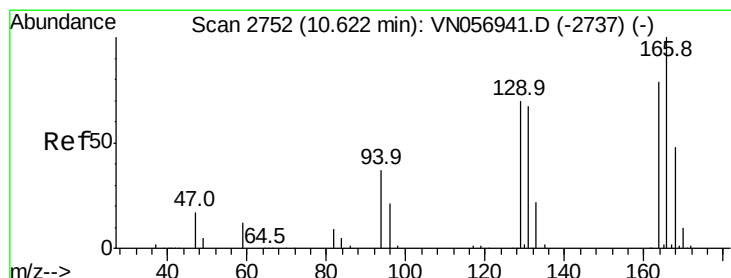
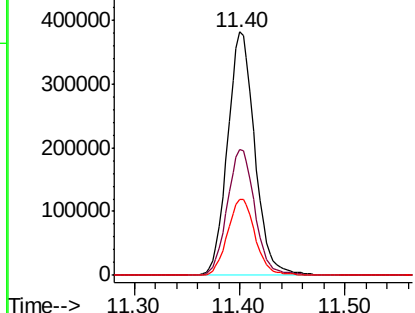
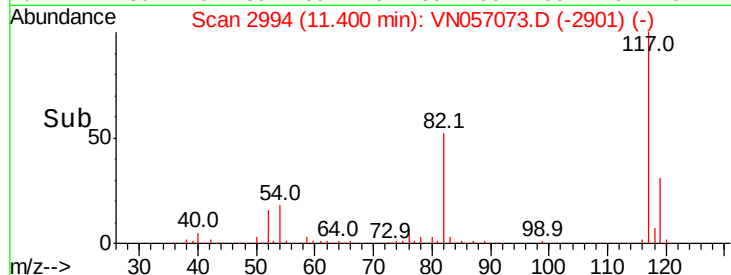
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN057073.D
Acq: 5 Aug 2019 11:08

Instrument :
MSVOA_N
ClientSampled :
399L-241L

Tot Ion:117 Resp: 680334
Ion Ratio Lower Upper
117 100
82 51.7 42.2 63.4
119 31.2 25.8 38.6

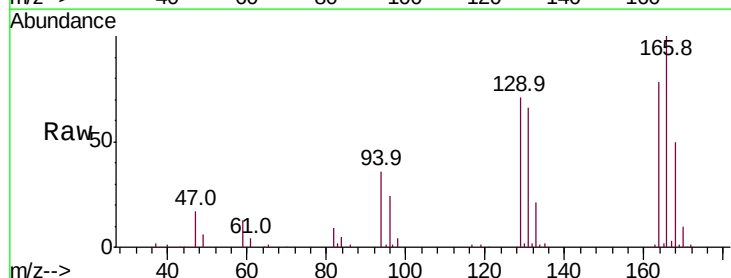


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

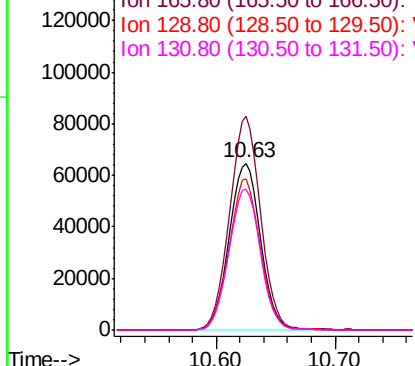
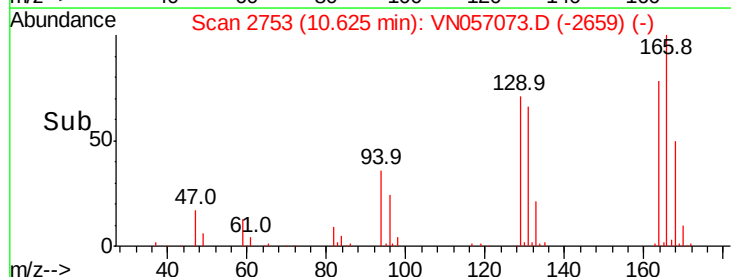


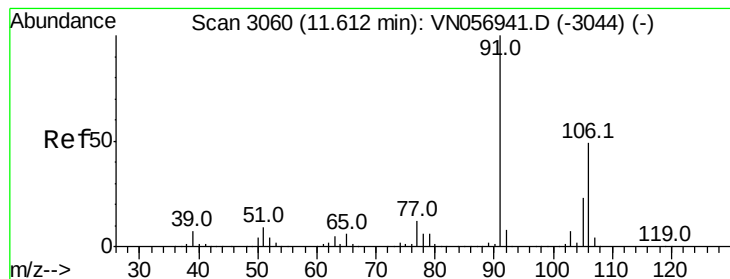
#64
Tetrachloroethene
Concen: 20.188 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. 0.00 min
Lab File: VN057073.D
Acq: 5 Aug 2019 11:08

Tgt Ion:164 Resp: 118355
Ion Ratio Lower Upper
164 100
166 128.0 101.1 151.7
129 90.3 70.9 106.3
131 84.2 67.7 101.5



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#68

m/p-Xylenes

Concen: 0.662 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN057073.D

Acq: 5 Aug 2019 11:08

Instrument :

MSVOA_N

ClientSampleId :

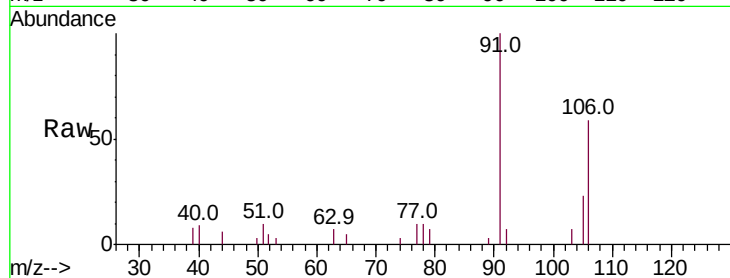
399L-241L

Tot Ion:106 Resp: 5853

Ion Ratio Lower Upper

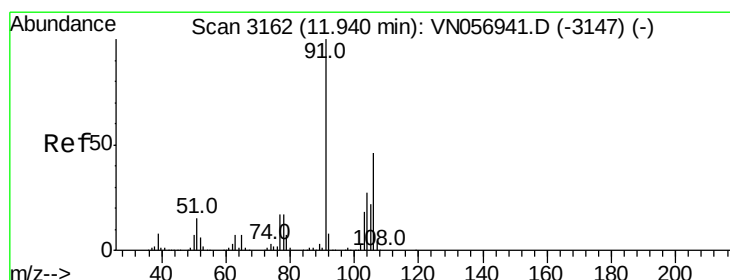
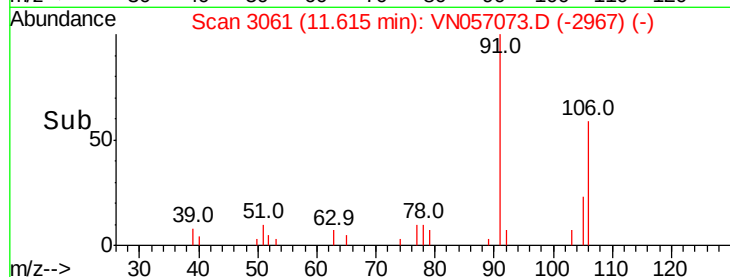
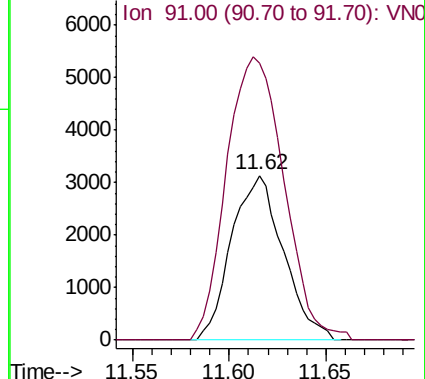
106 100

91 191.0 160.0 240.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#69

o-Xylene

Concen: 0.305 ug/l

RT: 11.94 min Scan# 3162

Delta R.T. 0.00 min

Lab File: VN057073.D

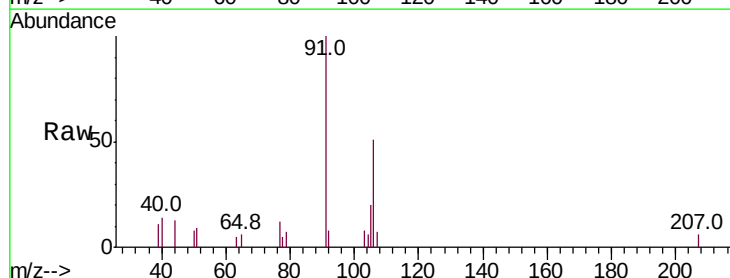
Acq: 5 Aug 2019 11:08

Tgt Ion:106 Resp: 2642

Ion Ratio Lower Upper

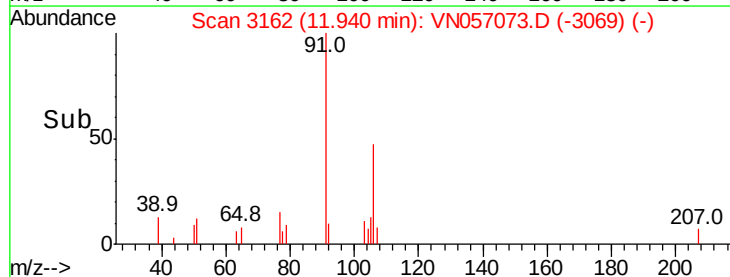
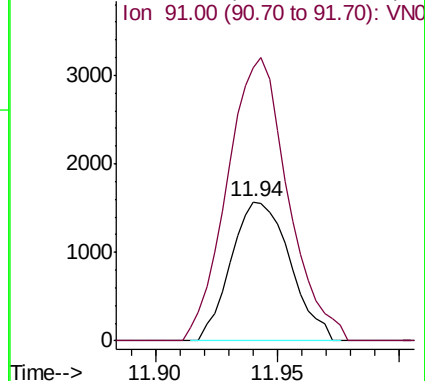
106 100

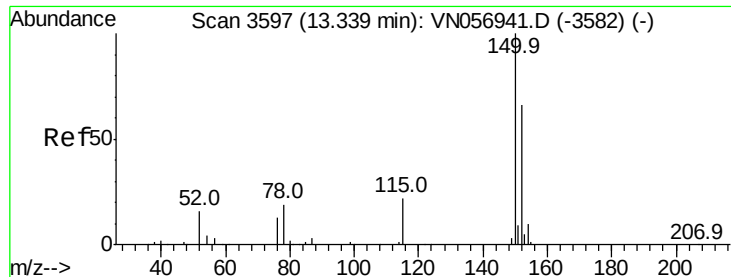
91 209.2 106.2 318.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN057073.D

Acq: 5 Aug 2019 11:08

Instrument :

MSVOA_N

ClientSampled :

399L-241L

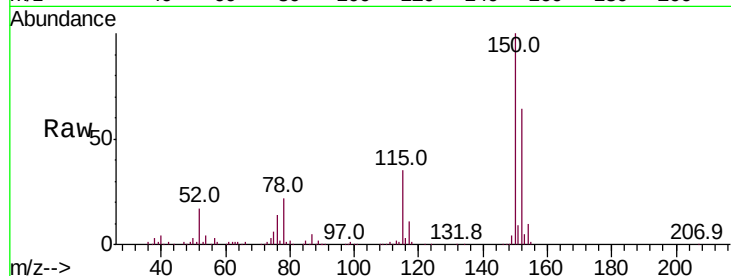
Tot Ion:152 Resp: 184361

Ion Ratio Lower Upper

152 100

115 55.1 28.2 84.6

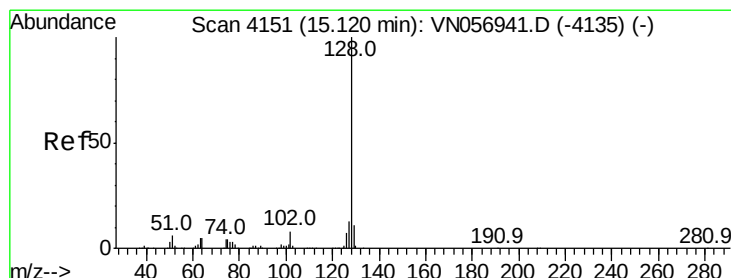
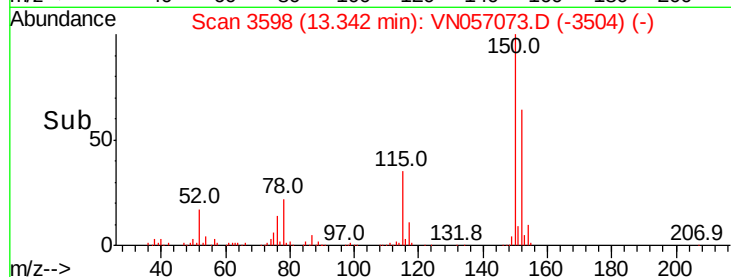
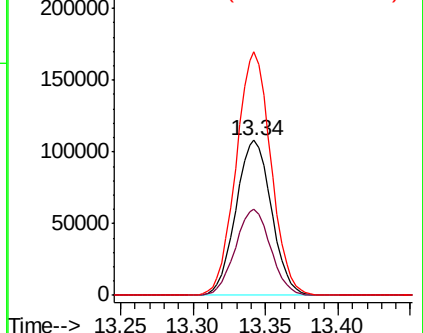
150 153.7 0.0 349.4



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: 4.314 ug/l

RT: 15.12 min Scan# 4152

Delta R.T. 0.00 min

Lab File: VN057073.D

Acq: 5 Aug 2019 11:08

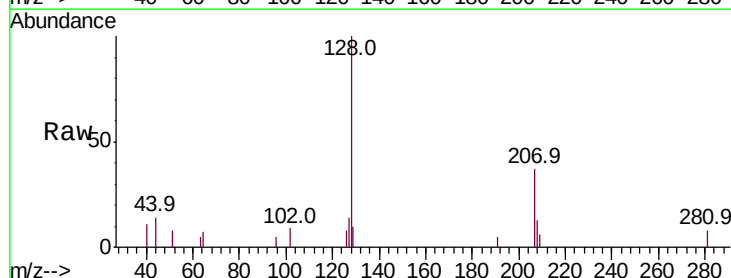
Tgt Ion:128 Resp: 6128

Ion Ratio Lower Upper

128 100

127 13.0 10.0 15.0

129 7.8 8.7 13.1#



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

