

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091218\
 Data File : VN051149.D
 Acq On : 12 Sep 2018 13:46
 Operator : MD\SY
 Sample : J4780-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-04-091118

Quant Time: Sep 13 08:20:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	622863	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1014700	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	868273	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	303763	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	396123	57.15	ug/l	0.00
Spiked Amount			Recovery	=	114.30%	
35) Dibromofluoromethane	7.59	113	372549	48.86	ug/l	0.00
Spiked Amount			Recovery	=	97.72%	
50) Toluene-d8	10.09	98	1377409	47.61	ug/l	0.00
Spiked Amount			Recovery	=	95.22%	
62) 4-Bromofluorobenzene	12.40	95	381929	39.91	ug/l	0.00
Spiked Amount			Recovery	=	79.82%	

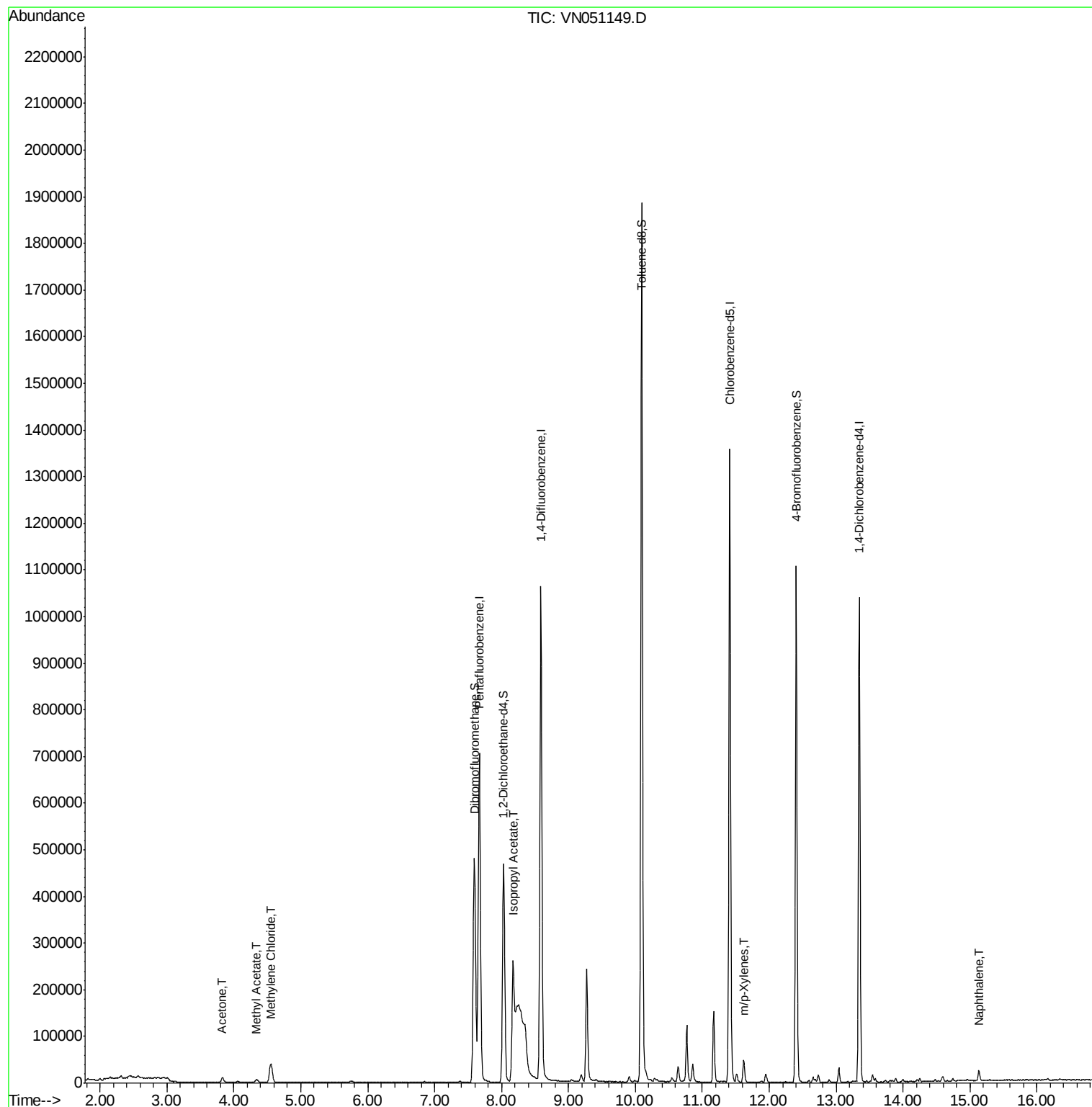
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	17386	4.41	ug/l	98
18) Methyl Acetate	4.34	43	13247	2.39	ug/l	91
20) Methylene Chloride	4.55	84	33347	4.36	ug/l	97
43) Isopropyl Acetate	8.17	43	334996	29.43	ug/l #	81
68) m/p-Xylenes	11.62	106	15378	1.13	ug/l	100
95) Naphthalene	15.13	128	19628	6.88	ug/l	97

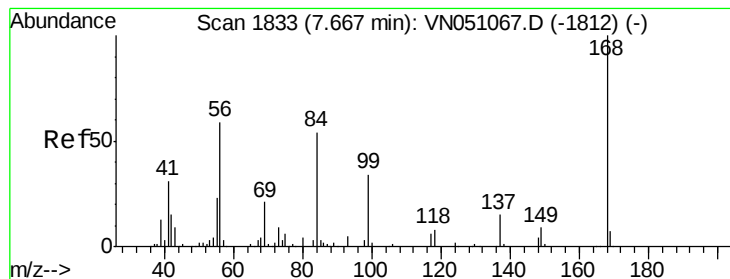
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051149.D

Acq: 12 Sep 2018 13:46

Instrument :

MSVOA_N

ClientSampleId :

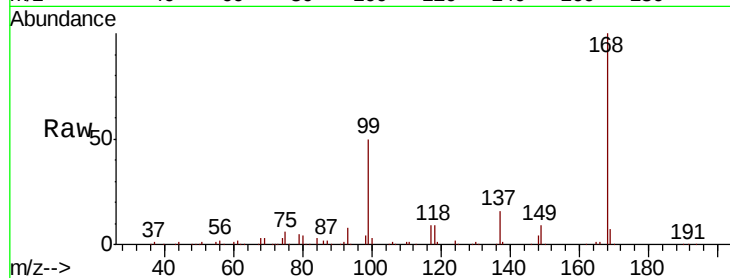
TR-04-091118

Tot Ion:168 Resp: 622863

Ion Ratio Lower Upper

168 100

99 49.9 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): VN051067.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN051067.D (-1812) (-)

7.67

250000

200000

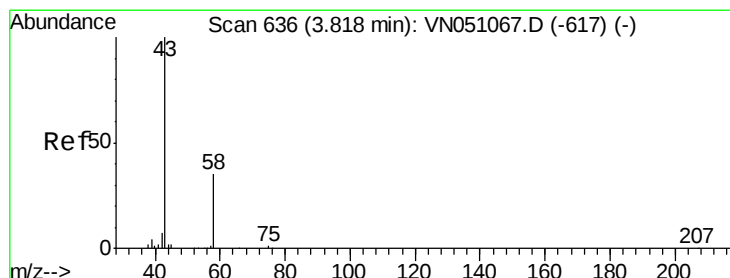
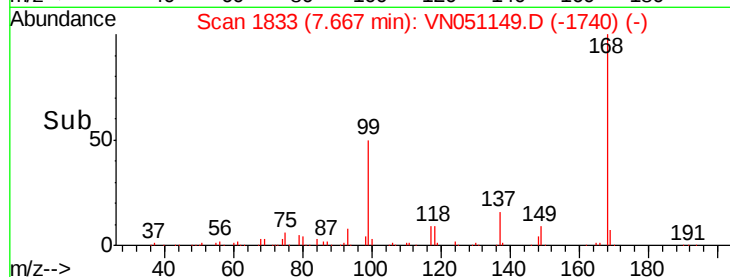
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 4.41 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN051149.D

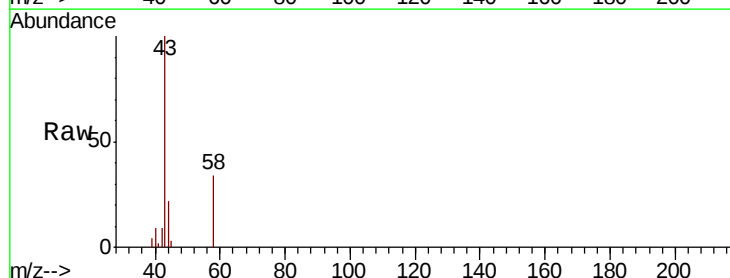
Acq: 12 Sep 2018 13:46

Tgt Ion: 43 Resp: 17386

Ion Ratio Lower Upper

43 100

58 33.6 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN051067.D (-617) (-)

Ion 58.00 (57.70 to 58.70): VN051067.D (-617) (-)

3.83

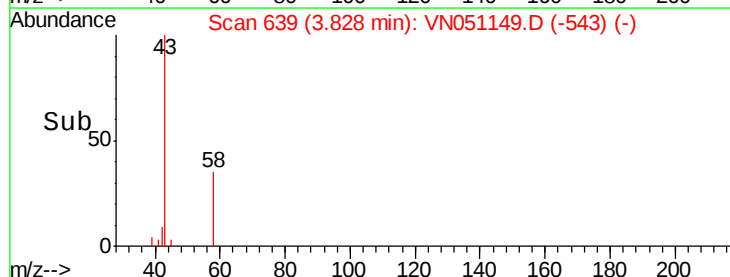
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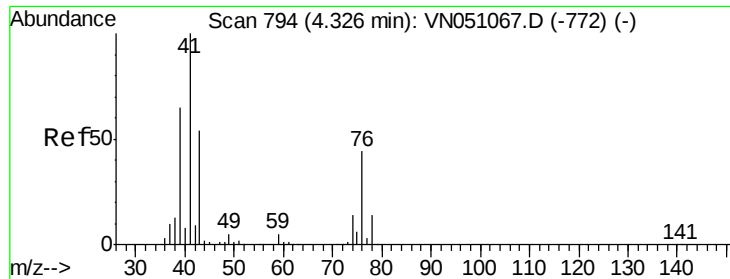
4000

2000

0

Time-->

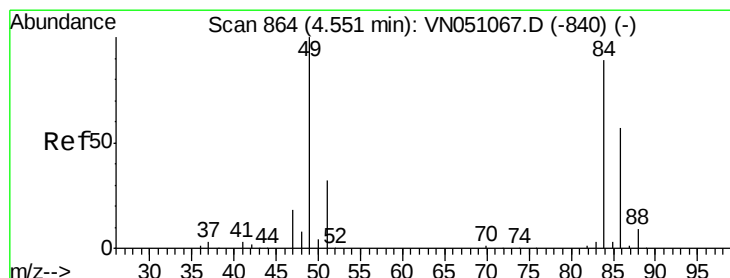
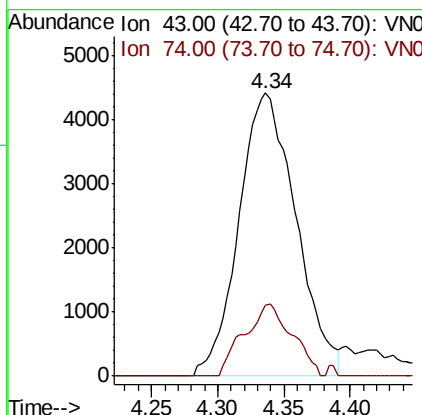
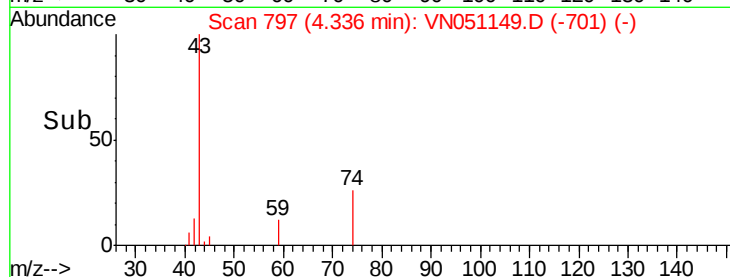
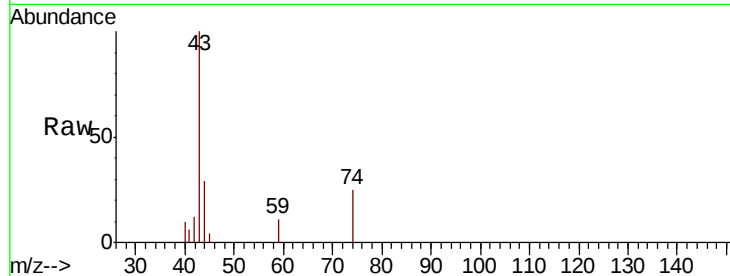




#18
Methyl Acetate
Concen: 2.39 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN051149.D
Acq: 12 Sep 2018 13:46

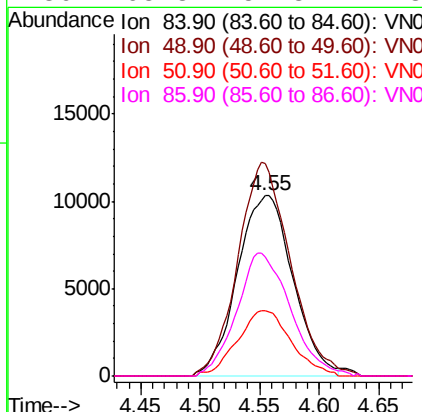
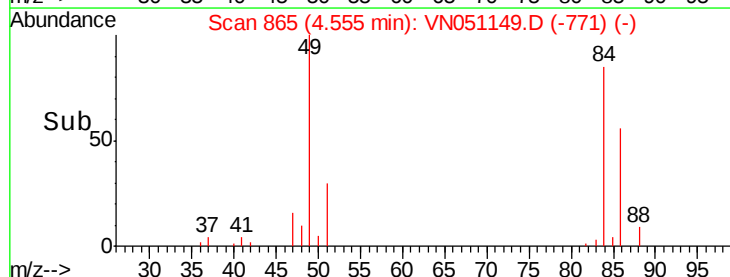
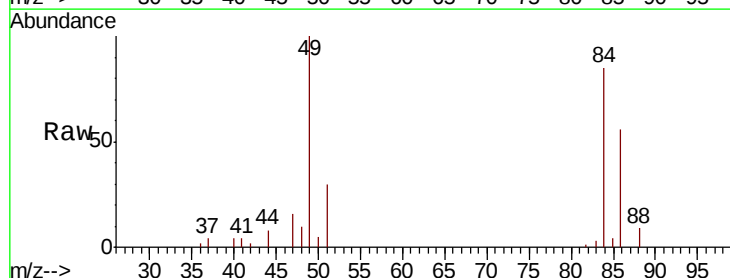
Instrument :
MSVOA_N
ClientSampleId :
TR-04-091118

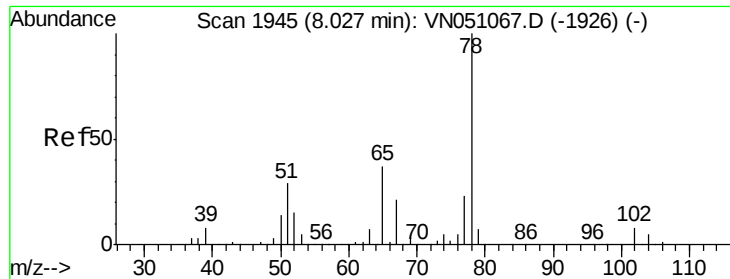
Tot Ion: 43 Resp: 13247
Ion Ratio Lower Upper
43 100
74 21.4 20.7 31.1



#20
Methylene Chloride
Concen: 4.36 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051149.D
Acq: 12 Sep 2018 13:46

Tgt Ion: 84 Resp: 33347
Ion Ratio Lower Upper
84 100
49 118.1 90.2 135.2
51 35.9 28.4 42.6
86 65.8 51.8 77.8

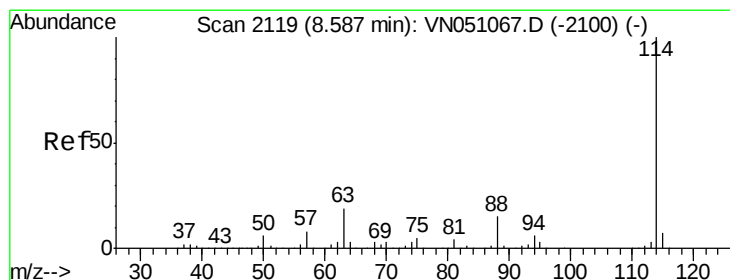
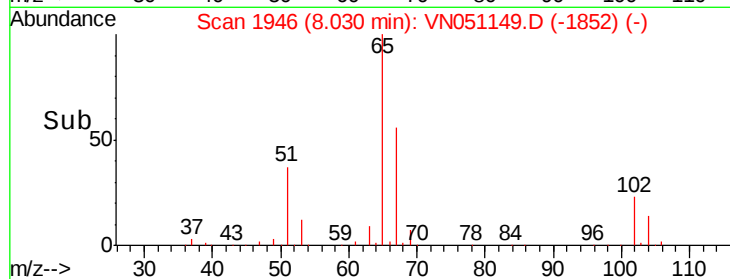
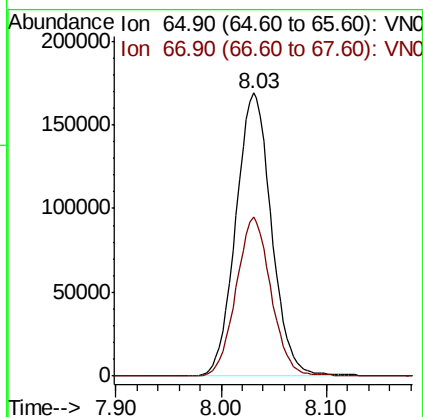
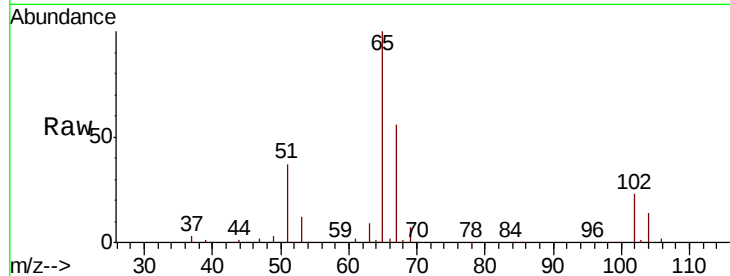




#33
 1,2-Dichloroethane-d4
 Concen: 57.15 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051149.D
 Acq: 12 Sep 2018 13:46

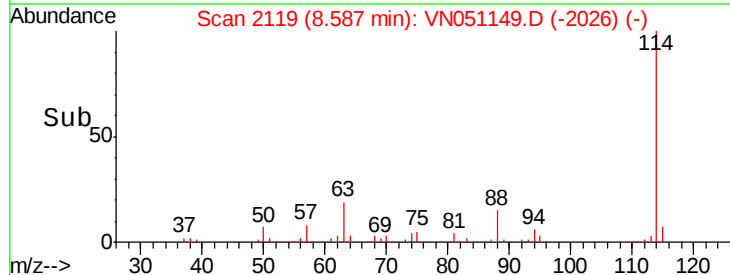
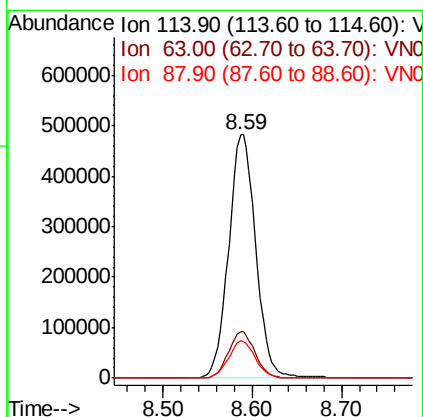
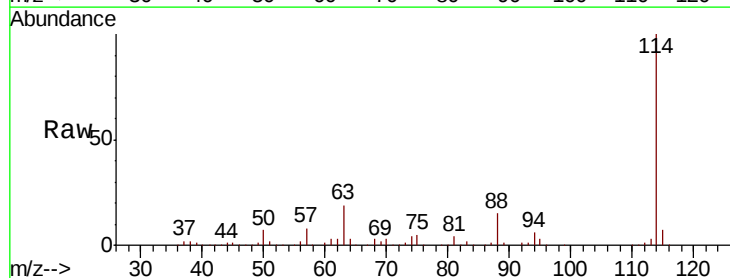
Instrument :
 MSVOA_N
 ClientSampleId :
 TR-04-091118

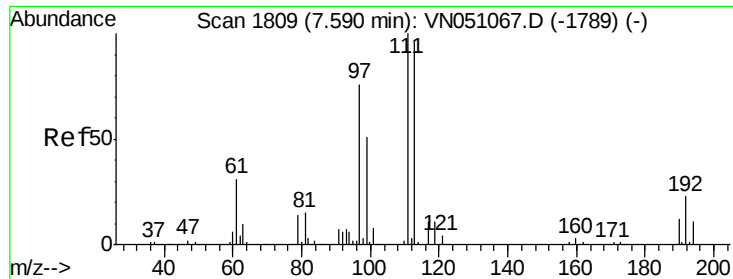
Tot Ion: 65 Resp: 396123
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051149.D
 Acq: 12 Sep 2018 13:46

Tgt Ion: 114 Resp: 1014700
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 37.8
 88 15.3 0.0 30.8





#35

Dibromofluoromethane

Concen: 48.86 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN051149.D

Acq: 12 Sep 2018 13:46

Instrument :
MSVOA_N
ClientSampleId :
TR-04-091118

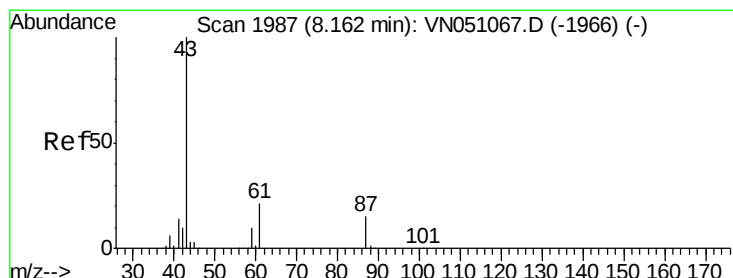
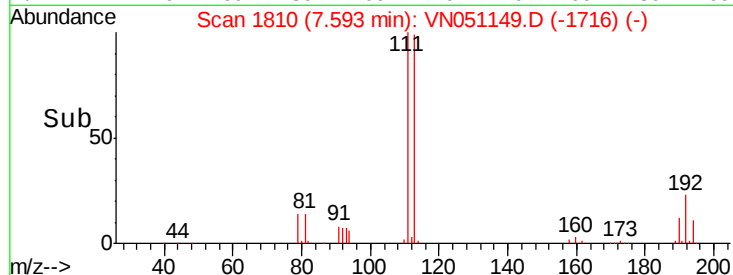
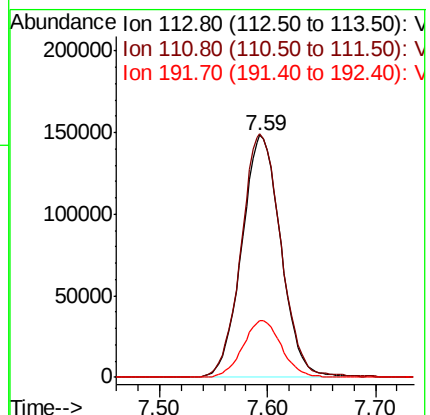
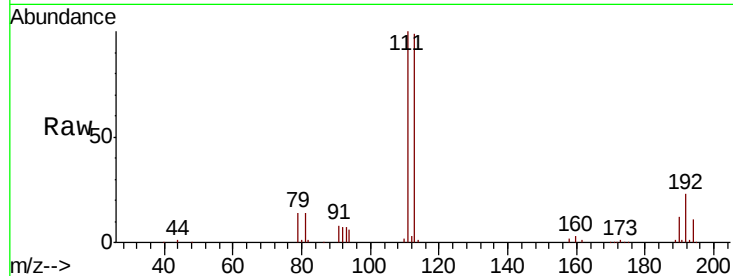
Tot Ion:113 Resp: 372549

Ion Ratio Lower Upper

113 100

111 102.9 83.0 124.6

192 23.2 18.7 28.1



#43

Isopropyl Acetate

Concen: 29.43 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN051149.D

Acq: 12 Sep 2018 13:46

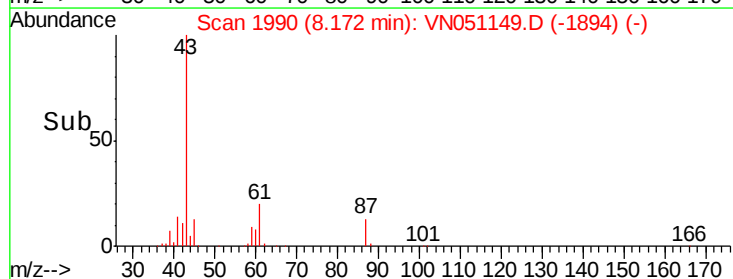
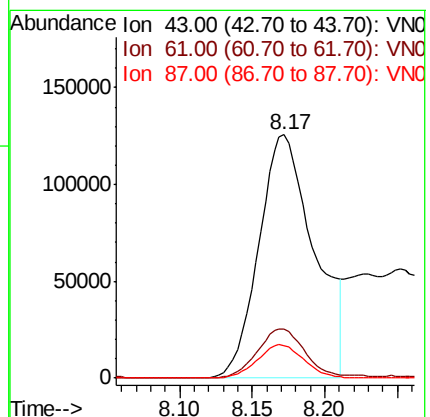
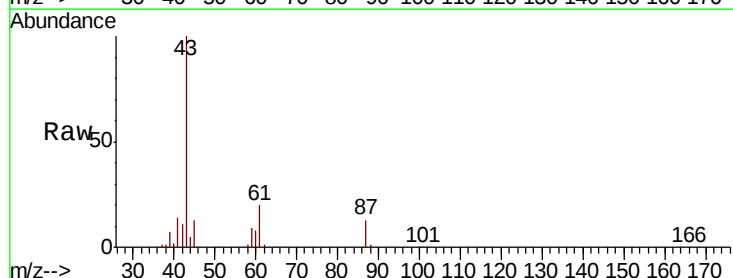
Tgt Ion: 43 Resp: 334996

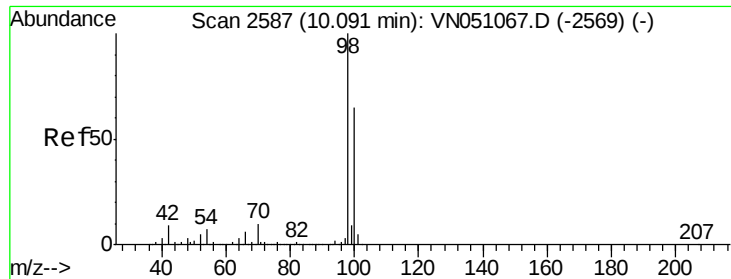
Ion Ratio Lower Upper

43 100

61 17.7 25.0 37.6#

87 11.6 11.8 17.8#





#50

Toluene-d8

Concen: 47.61 ug/l

RT: 10.09 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN051149.D

Acq: 12 Sep 2018 13:46

Instrument :

MSVOA_N

ClientSampleId :

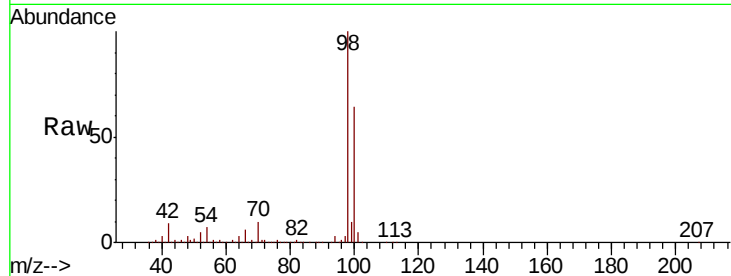
TR-04-091118

Tot Ion: 98 Resp: 1377409

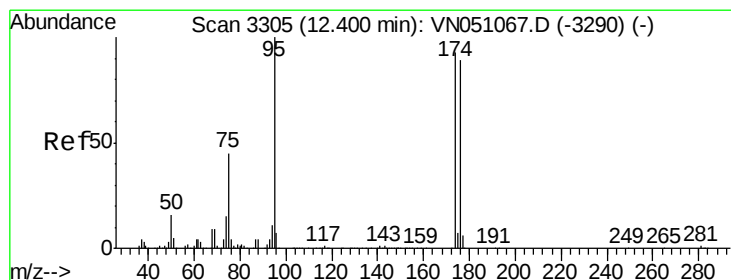
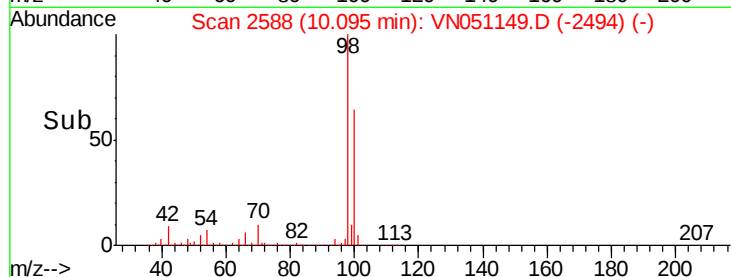
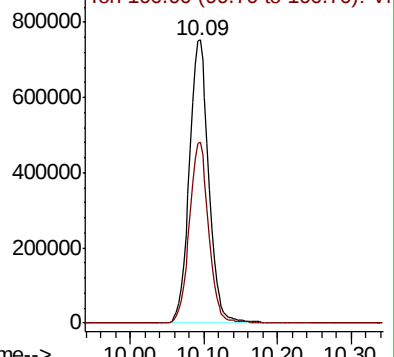
Ion Ratio Lower Upper

98 100

100 63.5 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN051067.D (-2569) (-)



#62

4-Bromofluorobenzene

Concen: 39.91 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051149.D

Acq: 12 Sep 2018 13:46

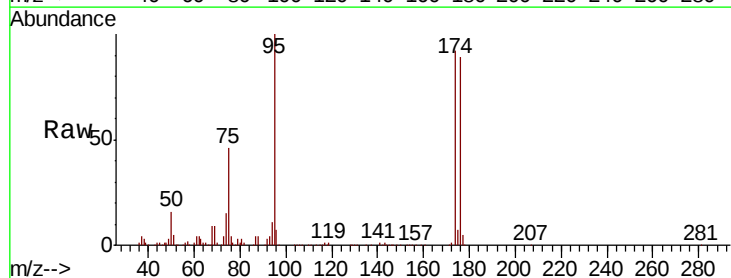
Tgt Ion: 95 Resp: 381929

Ion Ratio Lower Upper

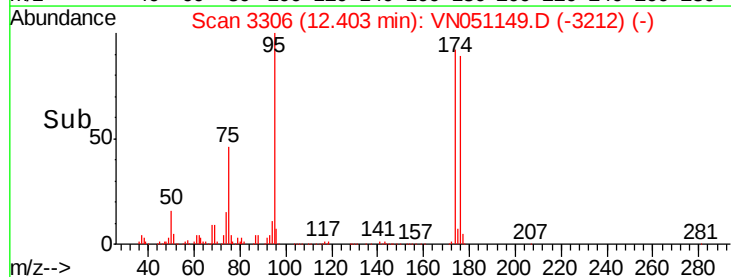
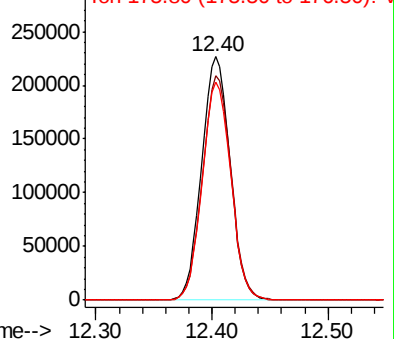
95 100

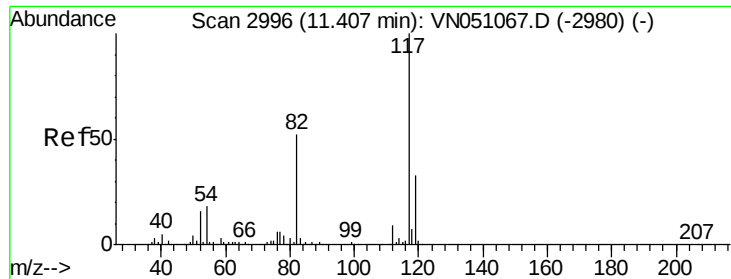
174 93.0 0.0 184.8

176 90.2 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VN051067.D (-3290) (-)

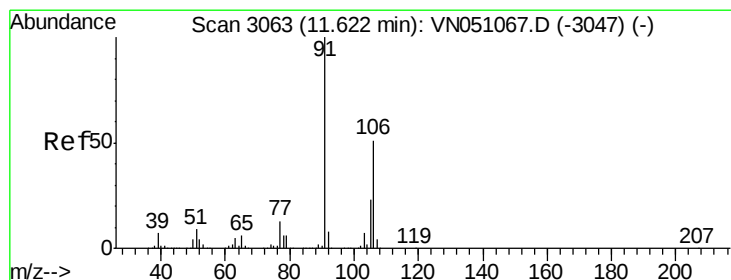
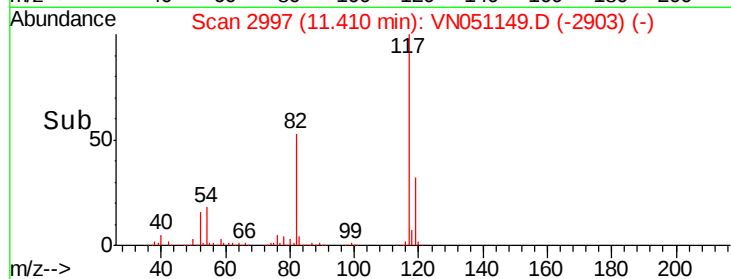
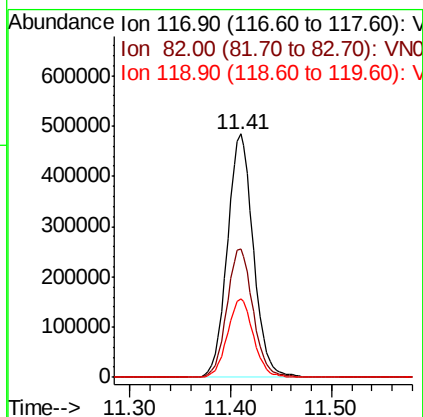
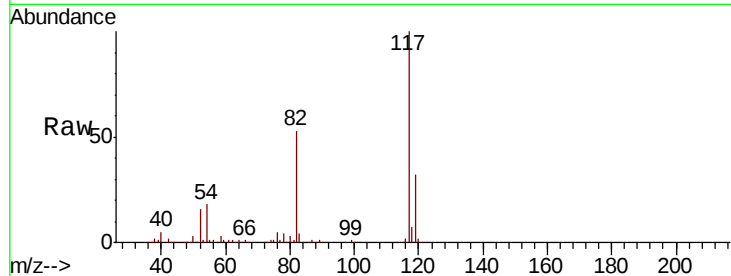




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051149.D
Acq: 12 Sep 2018 13:46

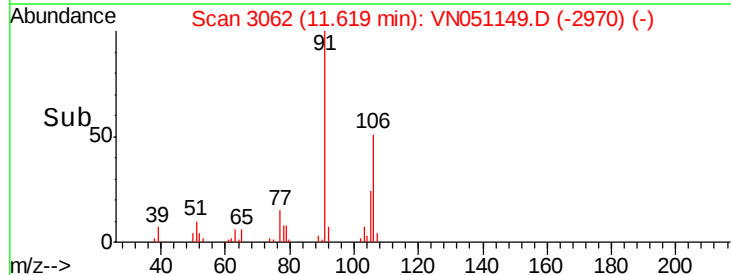
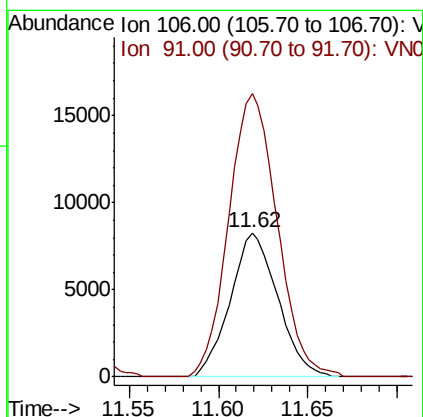
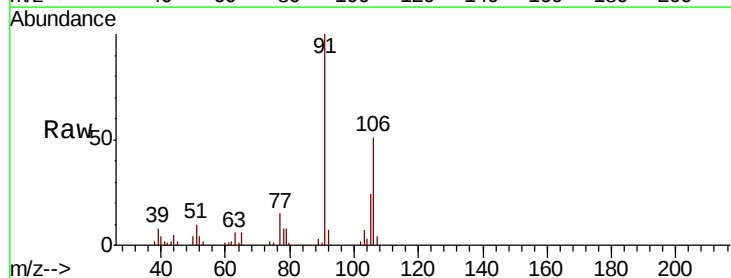
Instrument :
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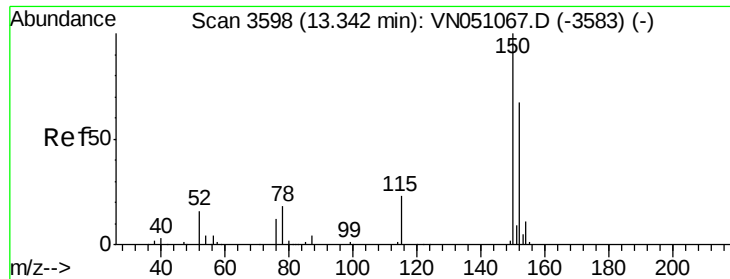
Tot Ion:117 Resp: 868273
Ion Ratio Lower Upper
117 100
82 52.9 41.8 62.6
119 32.5 26.2 39.2



#68
m/p-Xylenes
Concen: 1.13 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN051149.D
Acq: 12 Sep 2018 13:46

Tgt Ion:106 Resp: 15378
Ion Ratio Lower Upper
106 100
91 200.3 159.8 239.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051149.D

Acq: 12 Sep 2018 13:46

Instrument :

MSVOA_N

ClientSampleId :

TR-04-091118

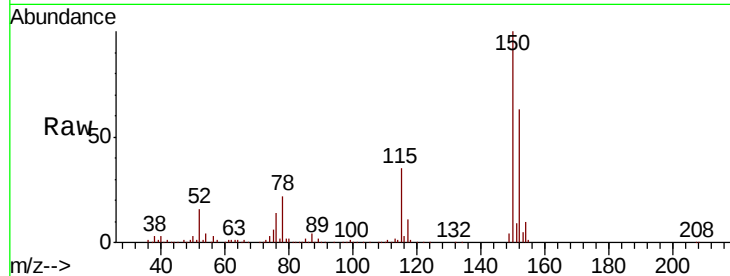
Tot Ion:152 Resp: 303763

Ion Ratio Lower Upper

152 100

115 56.0 28.2 84.7

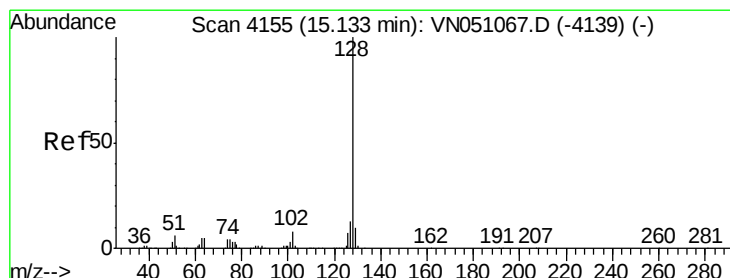
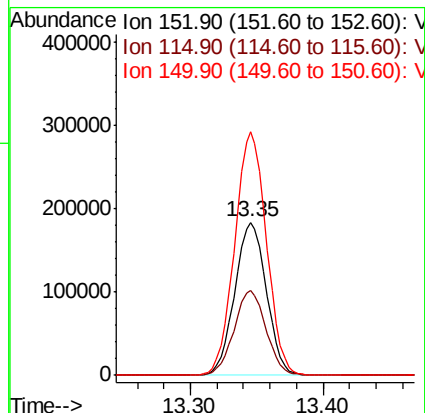
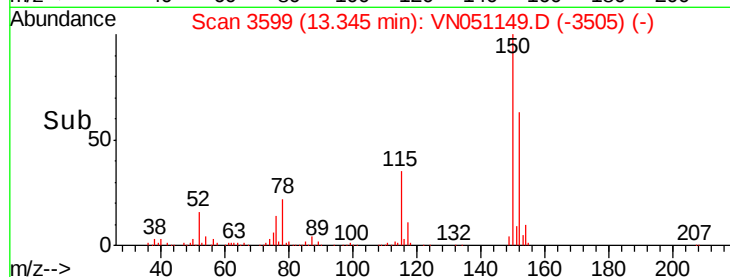
150 159.3 0.0 349.0



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: 6.88 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051149.D

Acq: 12 Sep 2018 13:46

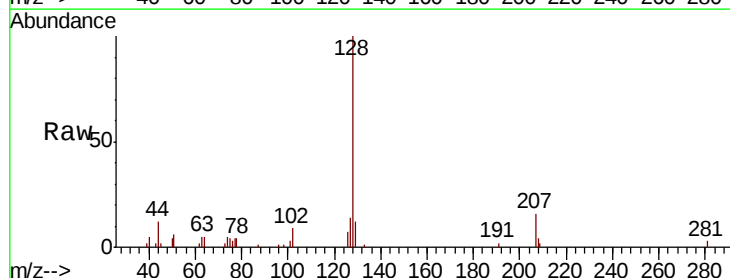
Tgt Ion:128 Resp: 19628

Ion Ratio Lower Upper

128 100

127 14.3 10.6 15.8

129 11.8 8.6 12.8



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

