

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091518\
 Data File : VN051254.D
 Acq On : 16 Sep 2018 5:00
 Operator : MD\SY
 Sample : J4935-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PHASE-1

Quant Time: Sep 17 05:43:20 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	436060	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	676998	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	546716	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	174786	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	240084	49.47	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.94%	
35) Dibromofluoromethane	7.59	113	255239	50.17	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.34%	
50) Toluene-d8	10.09	98	863794	44.75	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.50%	
62) 4-Bromofluorobenzene	12.40	95	226583	35.48	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	70.96%	

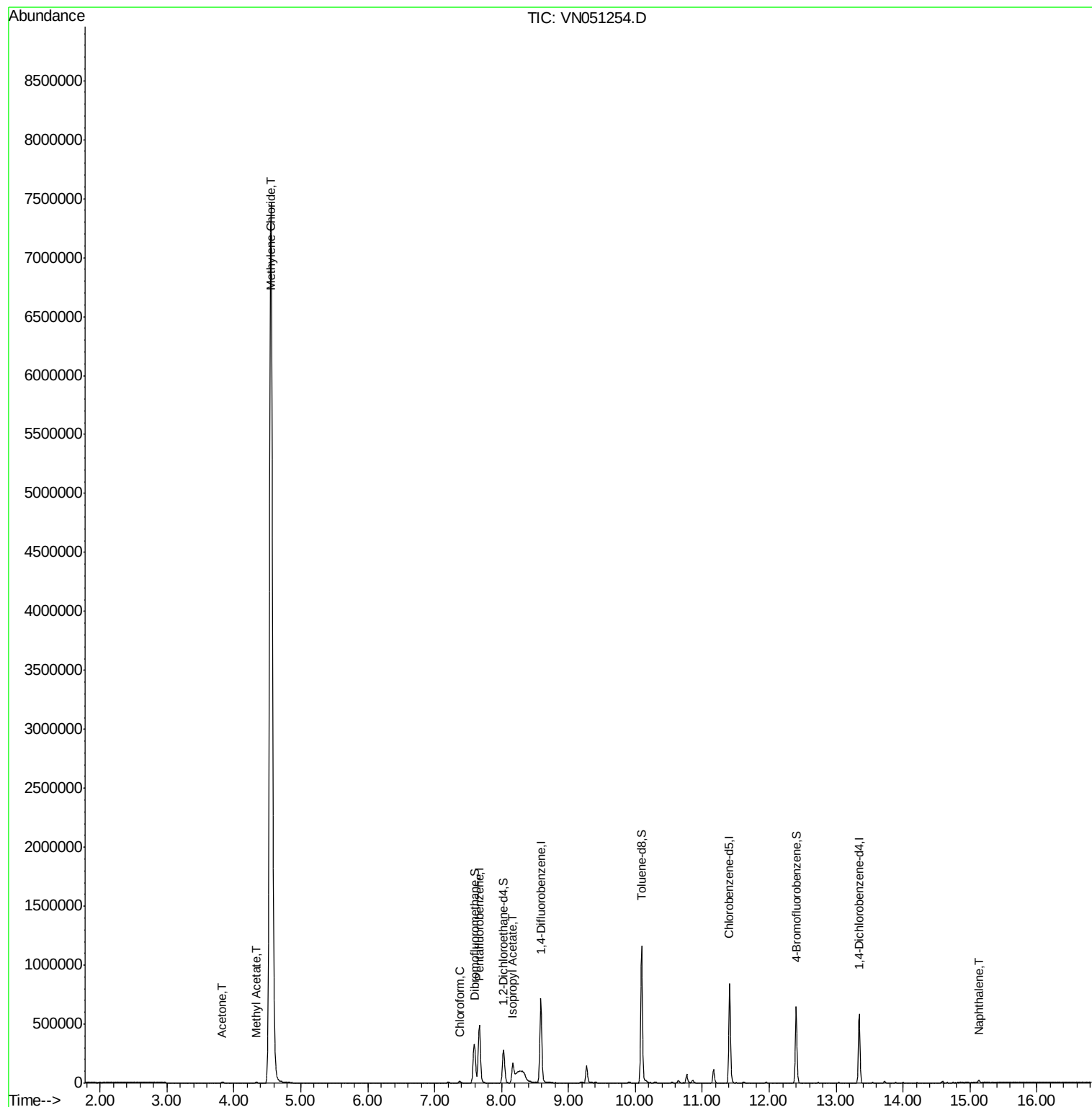
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	10353	2.86	ug/l	99
18) Methyl Acetate	4.34	43	11695	3.01	ug/l	99
20) Methylene Chloride	4.55	84	6155638	1148.36	ug/l	100
30) Chloroform	7.37	83	16346	1.84	ug/l	100
43) Isopropyl Acetate	8.17	43	200436	26.39	ug/l #	82
95) Naphthalene	15.13	128	19304	7.96	ug/l	98

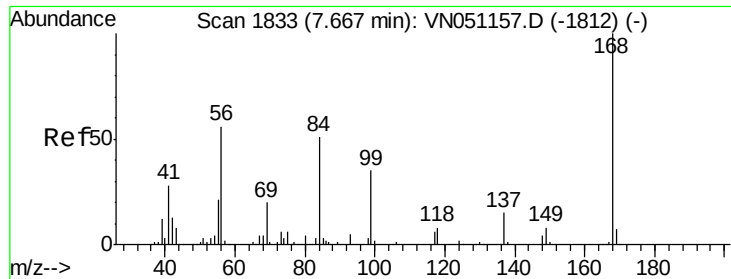
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091518\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:27:09 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051254.D

Acq: 16 Sep 2018 5:00

Instrument :

MSVOA_N

ClientSampled :

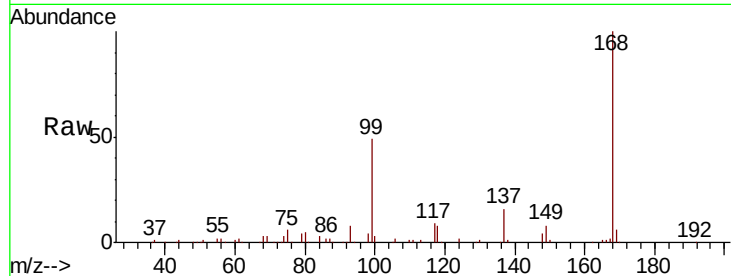
PHASE-1

Tot Ion:168 Resp: 436060

Ion Ratio Lower Upper

168 100

99 48.5 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): VN051157.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN051157.D (-1812) (-)

7.67

200000

150000

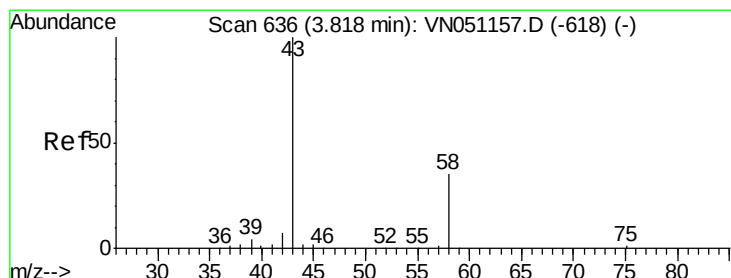
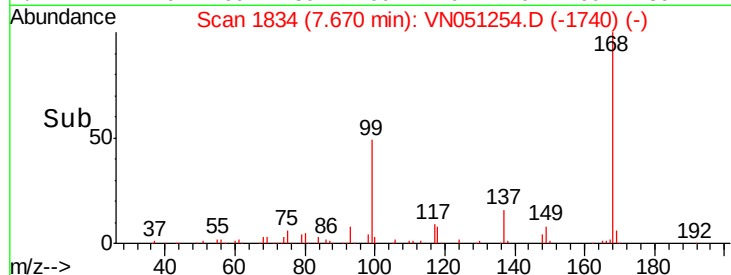
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 2.86 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN051254.D

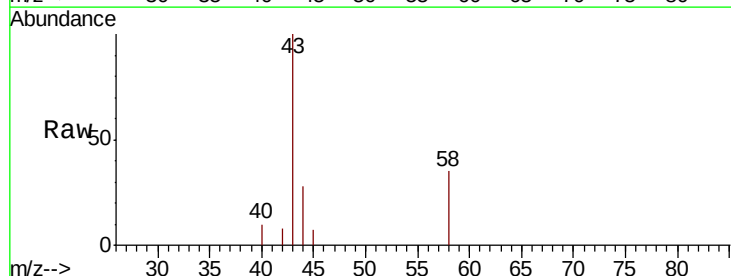
Acq: 16 Sep 2018 5:00

Tgt Ion: 43 Resp: 10353

Ion Ratio Lower Upper

43 100

58 35.3 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN051157.D (-618) (-)

Ion 58.00 (57.70 to 58.70): VN051157.D (-618) (-)

3.83

4000

3000

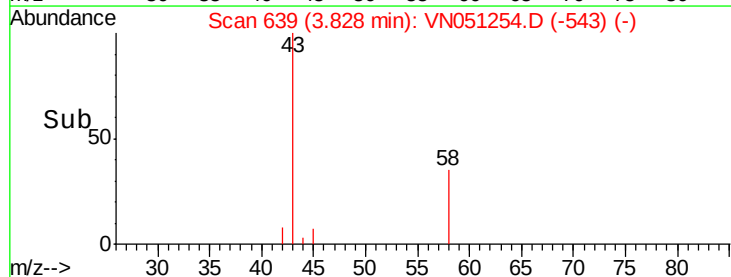
2000

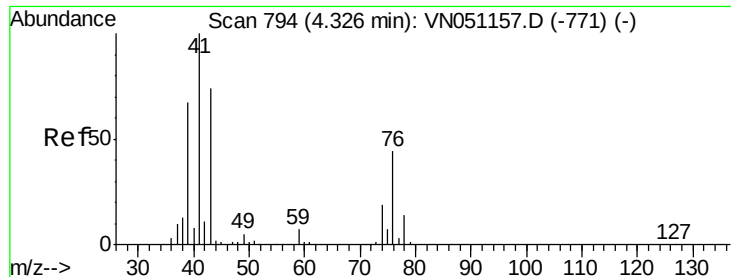
1000

0

3.75 3.80 3.85 3.90

Time-->

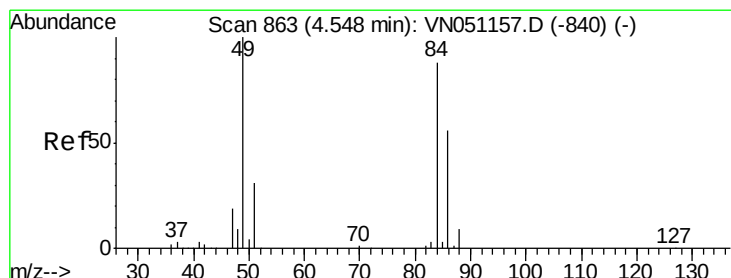
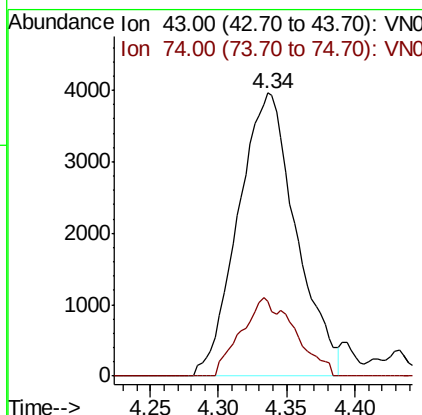
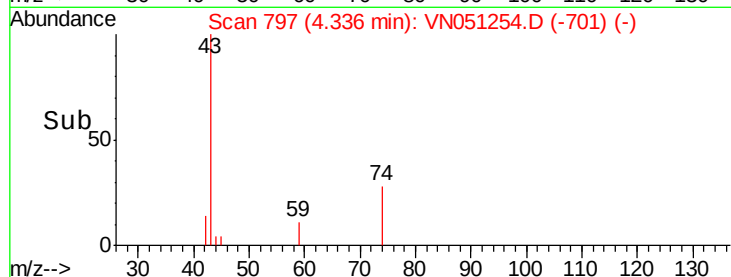
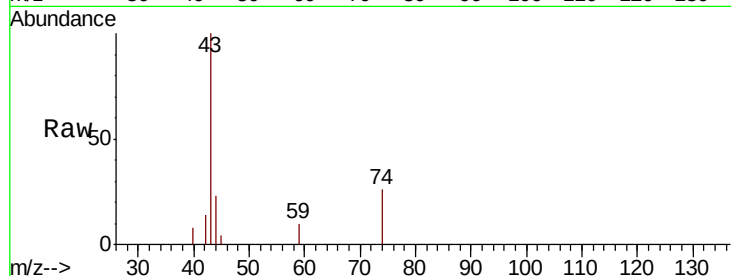




#18
Methyl Acetate
Concen: 3.01 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN051254.D
Acq: 16 Sep 2018 5:00

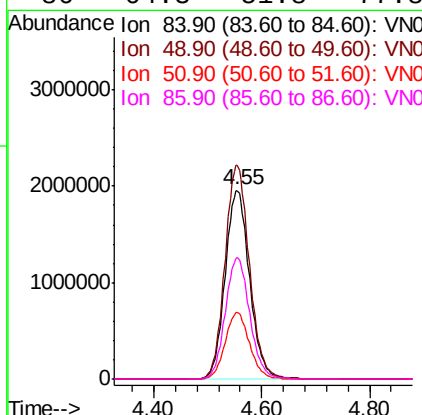
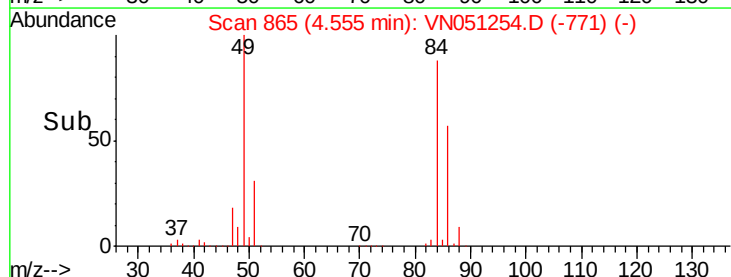
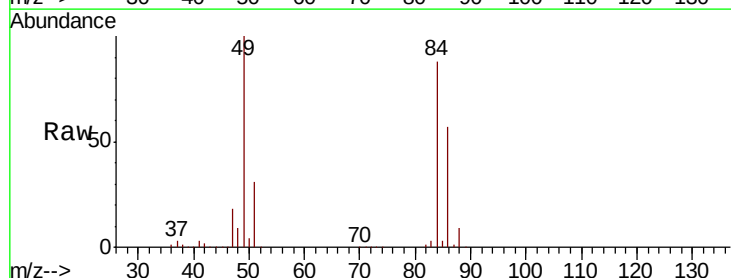
Instrument :
MSVOA_N
ClientSampleId :
PHASE-1

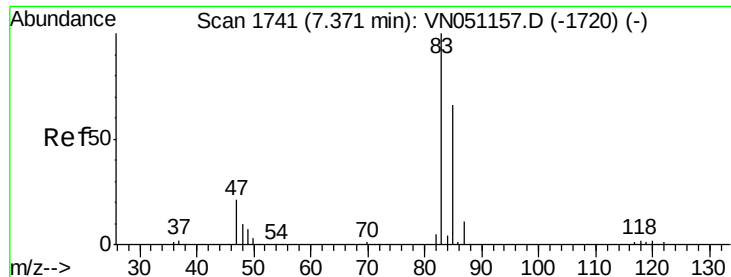
Tot Ion: 43 Resp: 11695
Ion Ratio Lower Upper
43 100
74 25.6 20.7 31.1



#20
Methylene Chloride
Concen: 1148.36 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051254.D
Acq: 16 Sep 2018 5:00

Tgt Ion: 84 Resp: 6155638
Ion Ratio Lower Upper
84 100
49 113.1 90.2 135.2
51 35.5 28.4 42.6
86 64.3 51.8 77.8

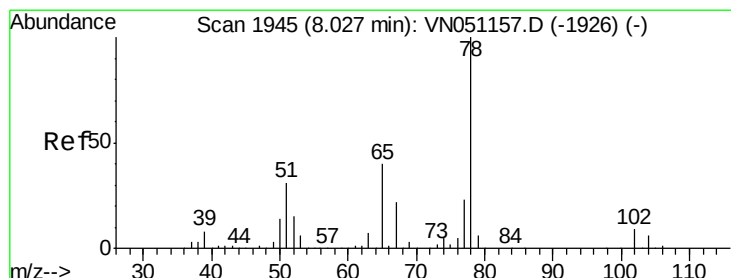
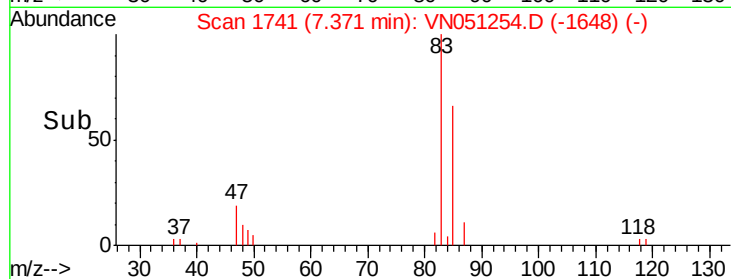
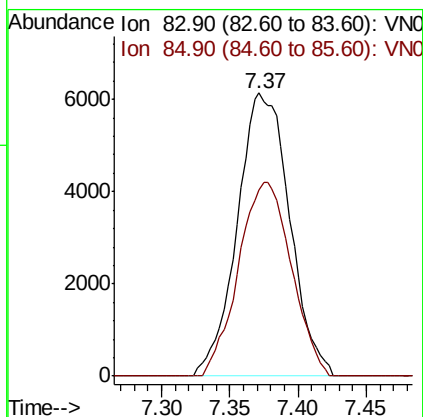
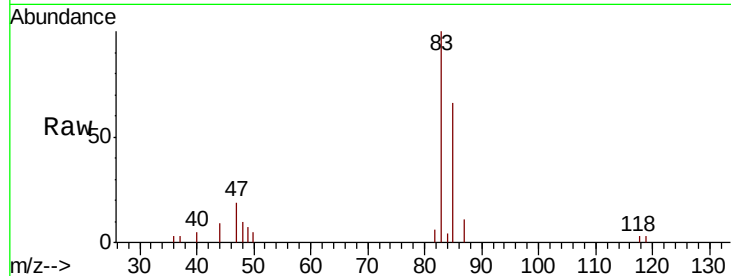




#30
Chloroform
Concen: 1.84 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN051254.D
Acq: 16 Sep 2018 5:00

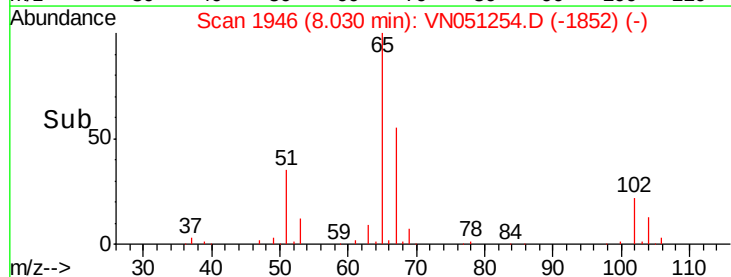
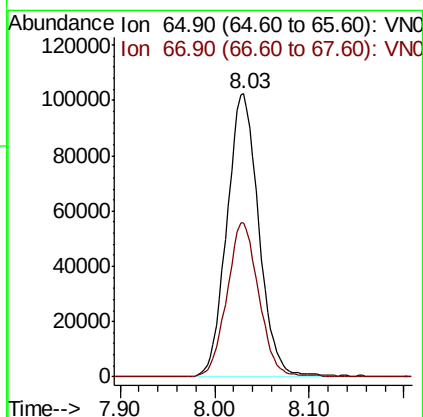
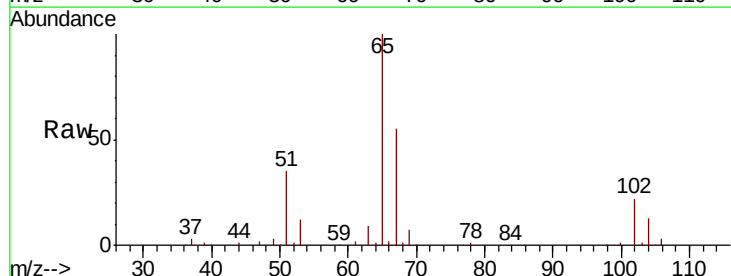
Instrument :
MSVOA_N
ClientSampleId :
PHASE-1

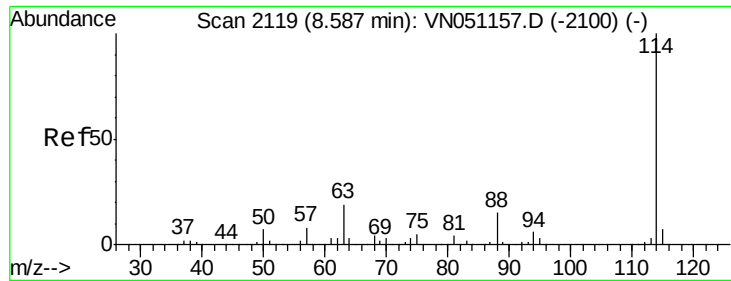
Tot Ion: 83 Resp: 16346
Ion Ratio Lower Upper
83 100
85 65.7 52.6 79.0



#33
1,2-Dichloroethane-d4
Concen: 49.47 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051254.D
Acq: 16 Sep 2018 5:00

Tgt Ion: 65 Resp: 240084
Ion Ratio Lower Upper
65 100
67 54.6 0.0 112.0

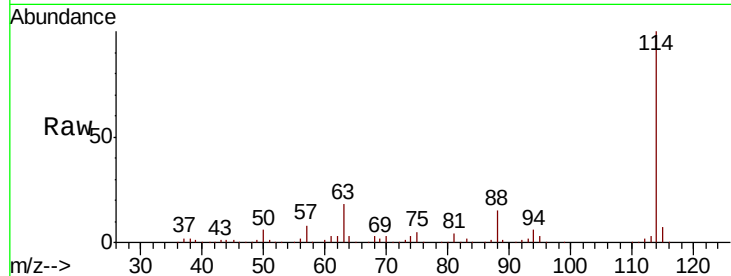




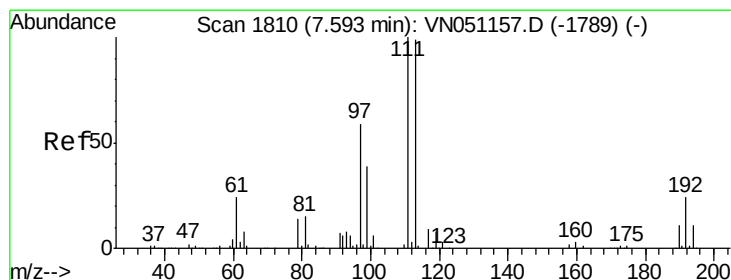
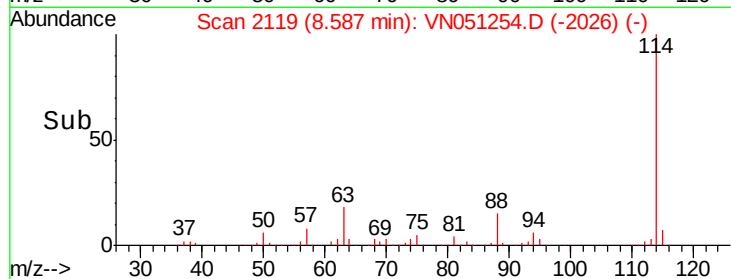
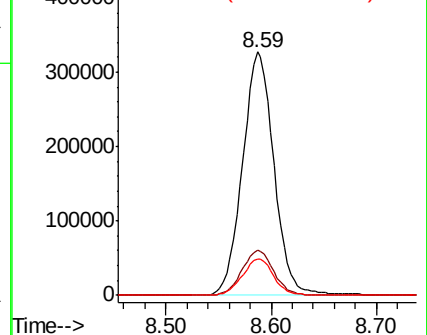
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051254.D
 Acq: 16 Sep 2018 5:00

Instrument :
 MSVOA_N
 ClientSampleId :
 PHASE-1

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	37.8
88	15.1	0.0	30.8

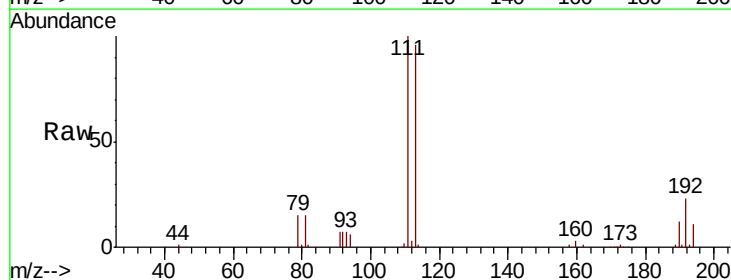


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

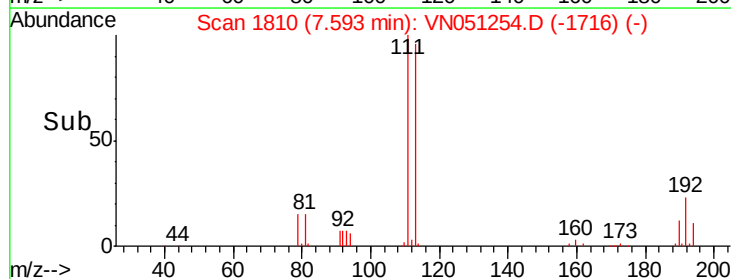
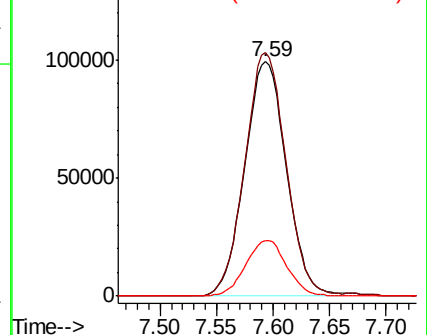


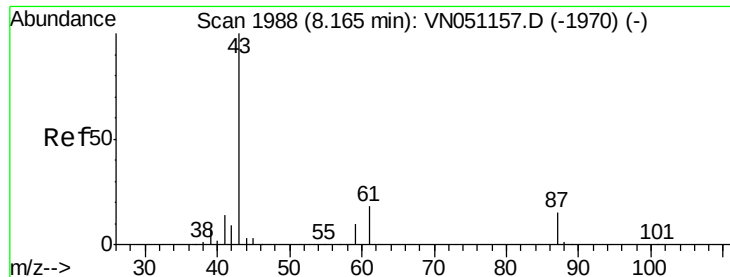
#35
 Dibromofluoromethane
 Concen: 50.17 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051254.D
 Acq: 16 Sep 2018 5:00

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.0	124.6
192	23.5	18.7	28.1



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





#43

Isopropyl Acetate

Concen: 26.39 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN051254.D

Acq: 16 Sep 2018 5:00

Instrument :

MSVOA_N

ClientSampled :

PHASE-1

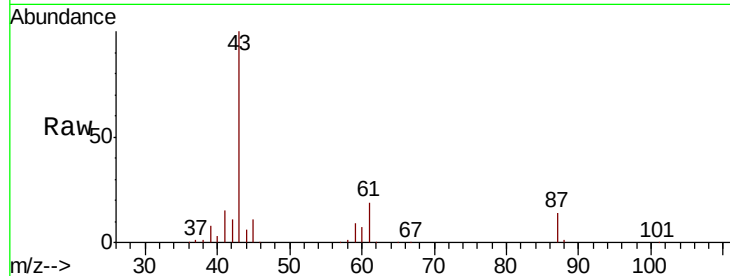
Tot Ion: 43 Resp: 200436

Ion Ratio Lower Upper

43 100

61 18.2 25.0 37.6#

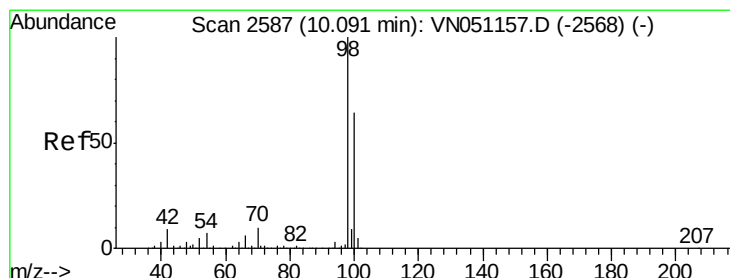
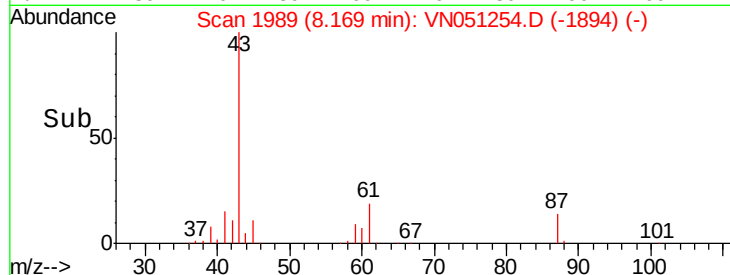
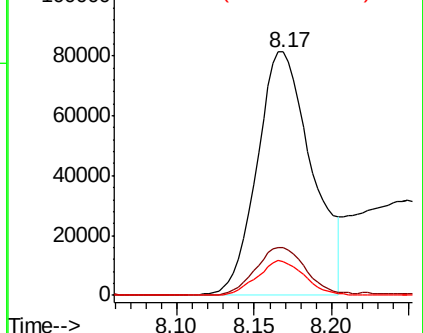
87 12.3 11.8 17.8



Abundance Ion 43.00 (42.70 to 43.70): VN051157.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN051157.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN051157.D (-1970) (-)



#50

Toluene-d8

Concen: 44.75 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051254.D

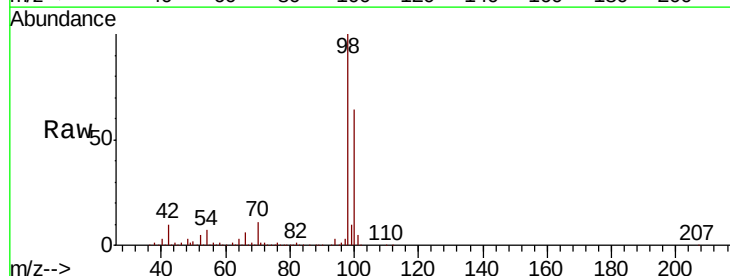
Acq: 16 Sep 2018 5:00

Tgt Ion: 98 Resp: 863794

Ion Ratio Lower Upper

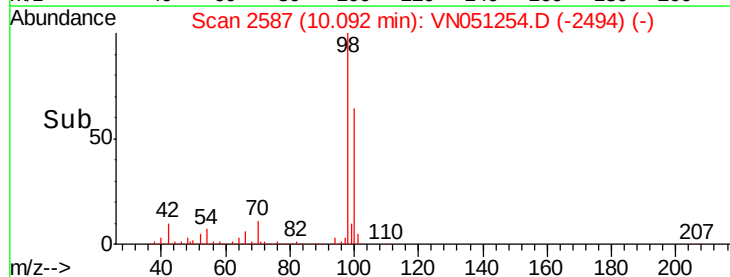
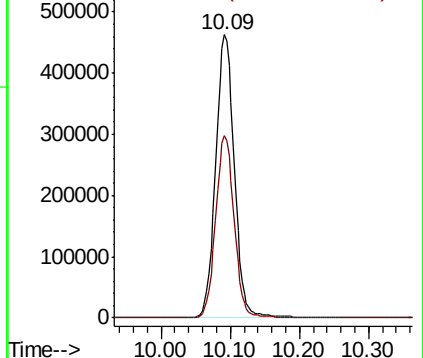
98 100

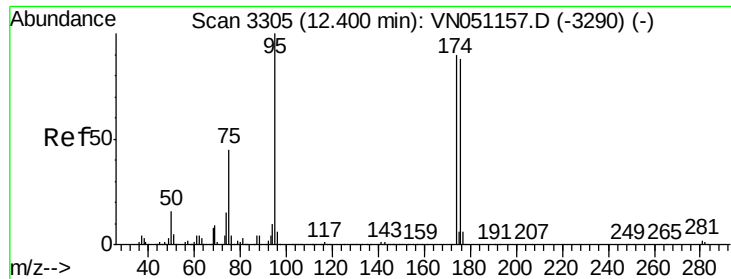
100 64.1 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN051157.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN051157.D (-2568) (-)





#62

4-Bromofluorobenzene

Concen: 35.48 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051254.D

Acq: 16 Sep 2018 5:00

Instrument :

MSVOA_N

ClientSampleId :

PHASE-1

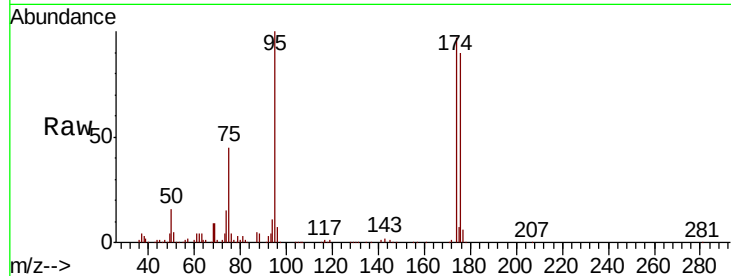
Tot Ion: 95 Resp: 226583

Ion Ratio Lower Upper

95 100

174 96.0 0.0 184.8

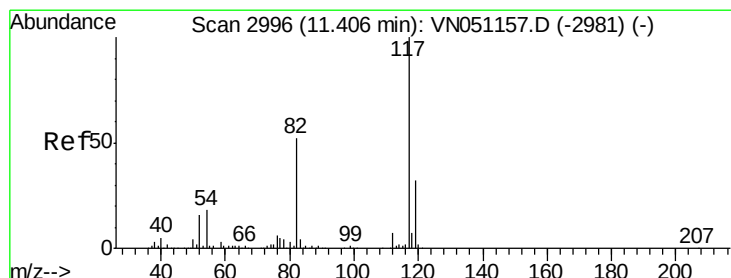
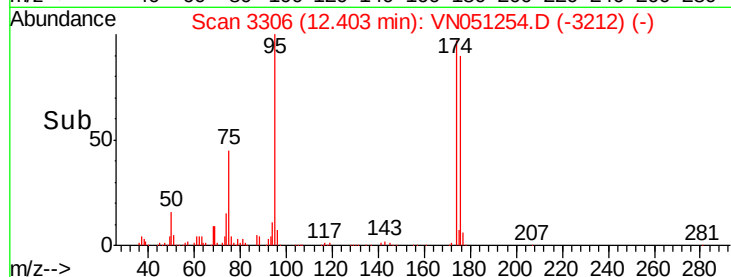
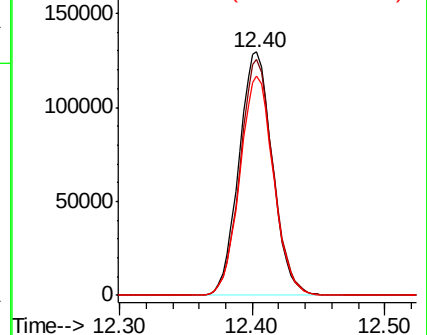
176 90.6 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VN051157.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN051157.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN051157.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN051254.D

Acq: 16 Sep 2018 5:00

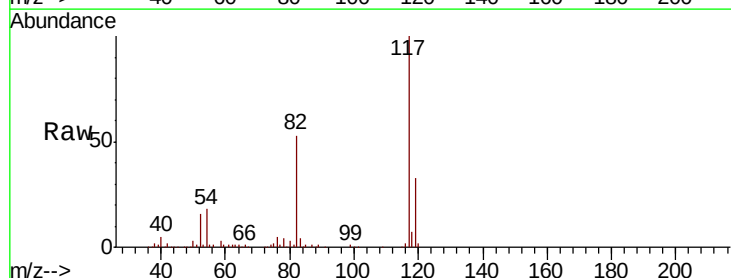
Tgt Ion: 117 Resp: 546716

Ion Ratio Lower Upper

117 100

82 52.5 41.8 62.6

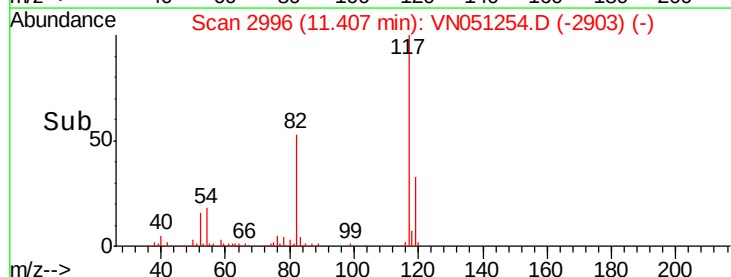
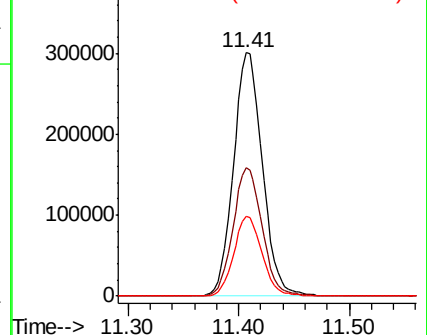
119 32.6 26.2 39.2

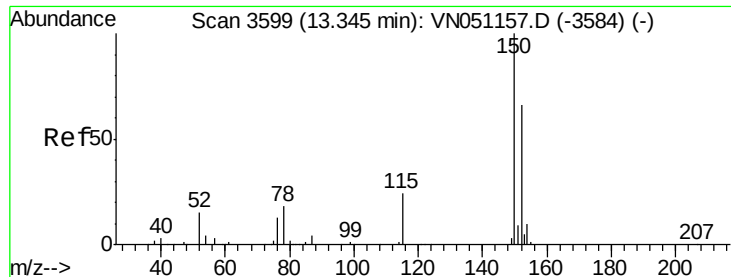


Abundance Ion 116.90 (116.60 to 117.60): VN051157.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN051157.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN051157.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051254.D

Acq: 16 Sep 2018 5:00

Instrument :

MSVOA_N

ClientSampleId :

PHASE-1

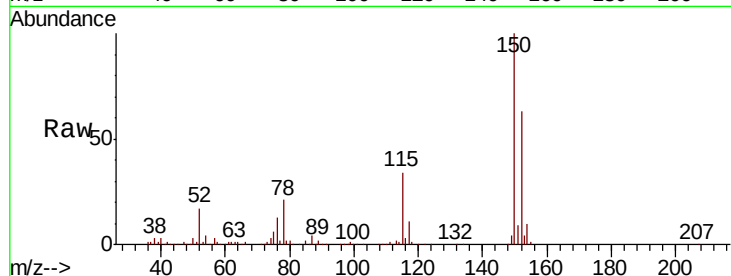
Tot Ion:152 Resp: 174786

Ion Ratio Lower Upper

152 100

115 54.6 28.2 84.7

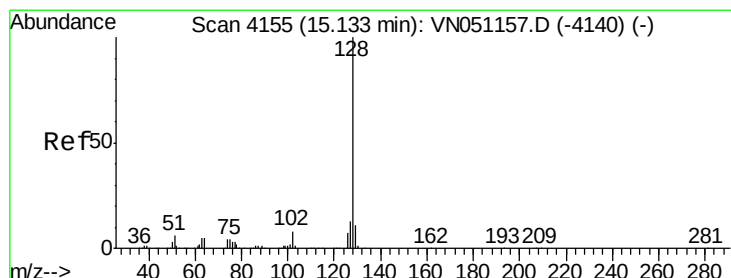
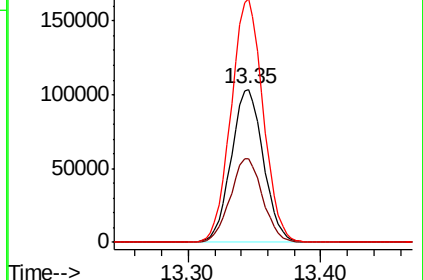
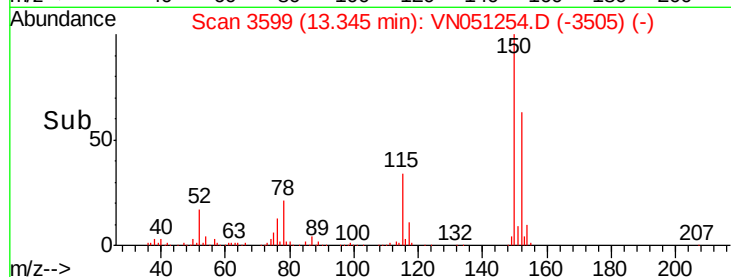
150 158.1 0.0 349.0



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: 7.96 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051254.D

Acq: 16 Sep 2018 5:00

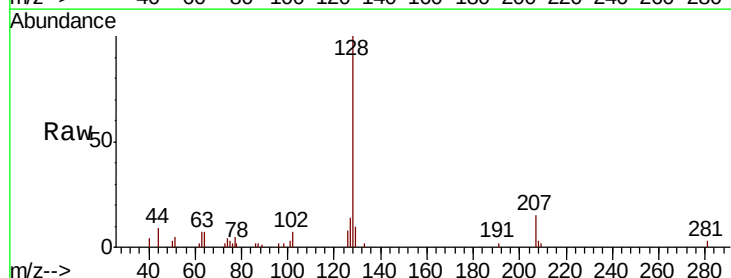
Tgt Ion:128 Resp: 19304

Ion Ratio Lower Upper

128 100

127 14.2 10.6 15.8

129 10.5 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

