

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091518\
 Data File : VN051260.D
 Acq On : 16 Sep 2018 7:27
 Operator : MD\SY
 Sample : J4936-30
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PHASE-2

Quant Time: Sep 17 05:55:40 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	400561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	616933	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	506694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	138192	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	221695	49.73	ug/l	0.00
Spiked Amount			Recovery	=	99.46%	
35) Dibromofluoromethane	7.59	113	233654	50.40	ug/l	0.00
Spiked Amount			Recovery	=	100.80%	
50) Toluene-d8	10.09	98	806898	45.87	ug/l	0.00
Spiked Amount			Recovery	=	91.74%	
62) 4-Bromofluorobenzene	12.40	95	199554	34.29	ug/l	0.00
Spiked Amount			Recovery	=	68.58%	

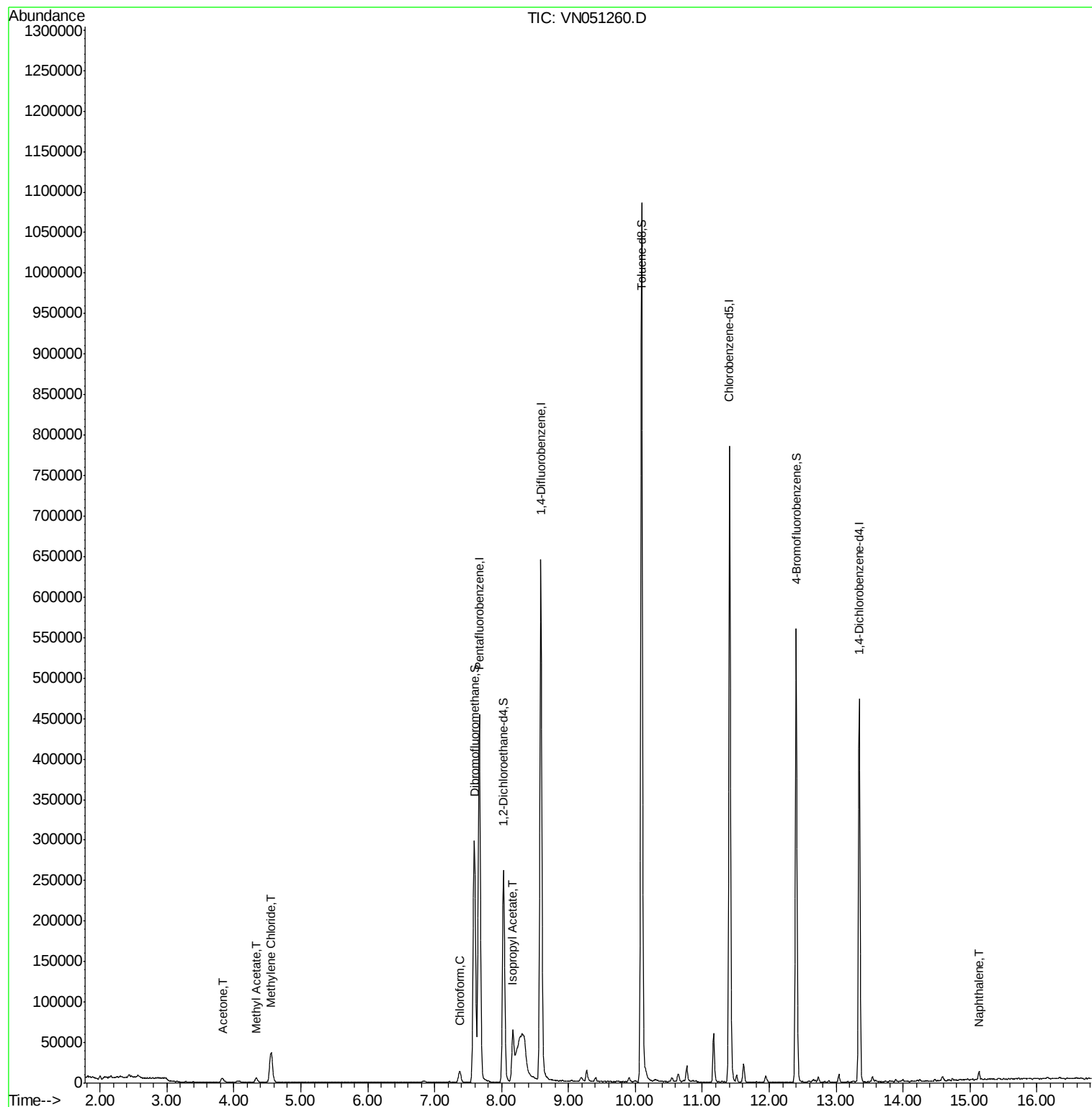
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	9286	2.65	ug/l	93
18) Methyl Acetate	4.34	43	10872	3.05	ug/l #	89
20) Methylene Chloride	4.56	84	29263	5.94	ug/l	99
30) Chloroform	7.37	83	16281	2.00	ug/l	97
43) Isopropyl Acetate	8.17	43	83852	12.11	ug/l #	82
95) Naphthalene	15.13	128	9543	6.98	ug/l	97

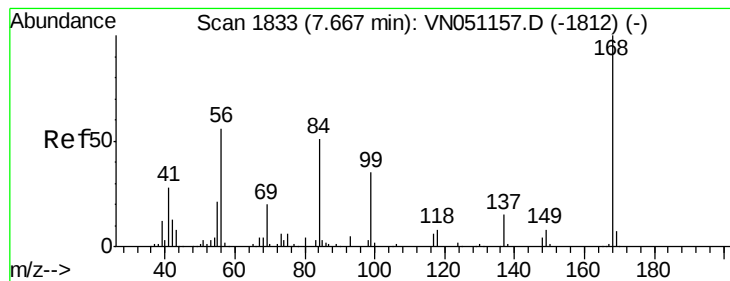
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091518\
Data File : VN051260.D
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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PHASE-2

Quant Time: Sep 17 05:55:40 2018
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# 1833

Delta R.T. -0.00 min

Lab File: VN051260.D

Acq: 16 Sep 2018 7:27

Instrument :

MSVOA_N

ClientSampleId :

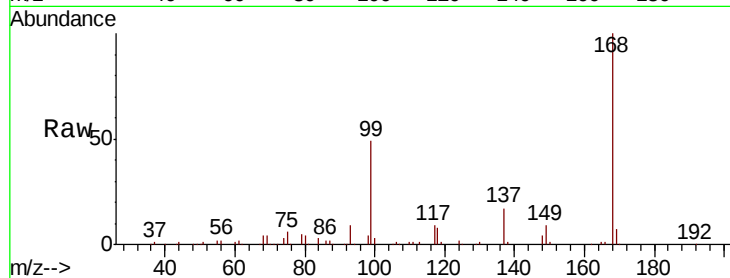
PHASE-2

Tot Ion:168 Resp: 400561

Ion Ratio Lower Upper

168 100

99 49.4 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

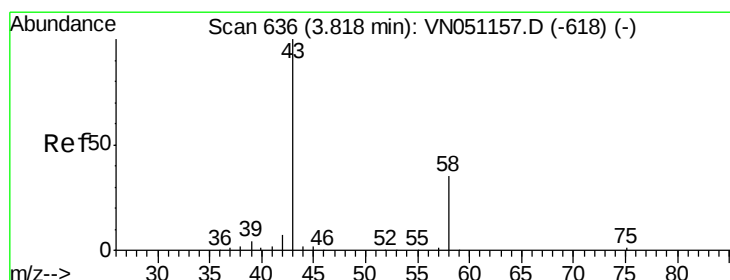
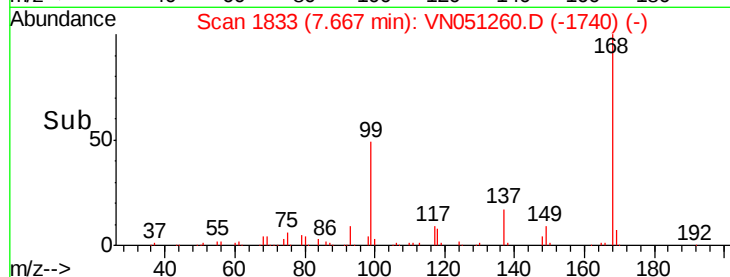
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 2.65 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN051260.D

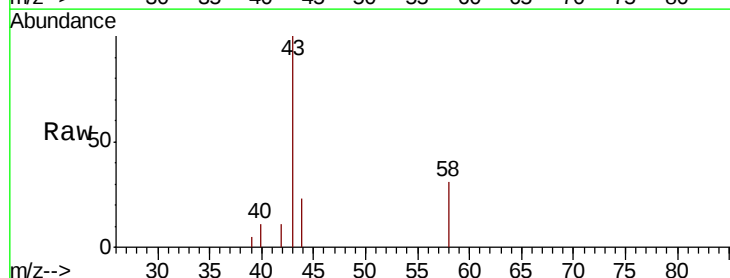
Acq: 16 Sep 2018 7:27

Tgt Ion: 43 Resp: 9286

Ion Ratio Lower Upper

43 100

58 30.8 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) (-)

3.82

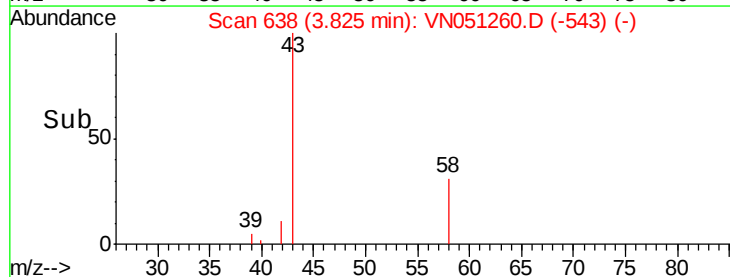
3000

2000

1000

0

Time-->

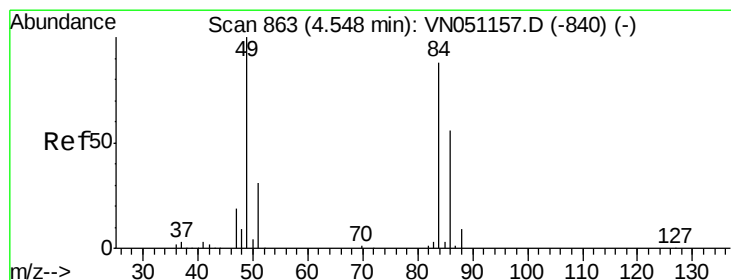
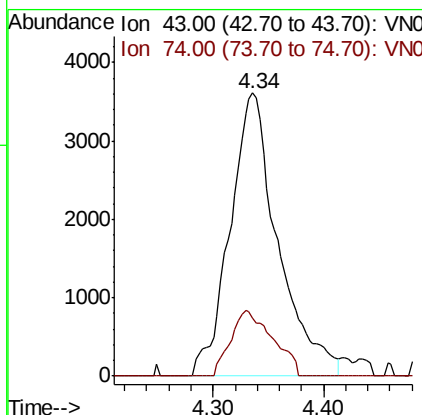
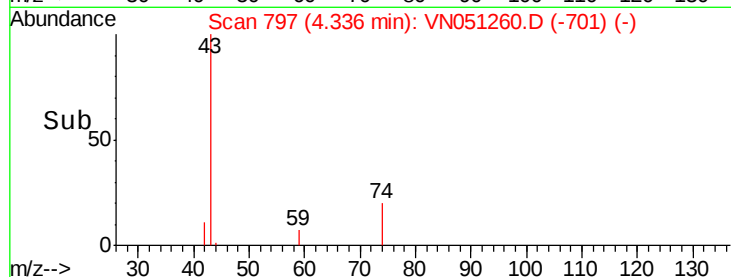
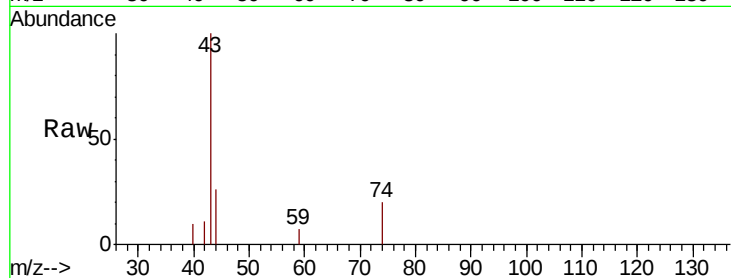




#18
Methyl Acetate
Concen: 3.05 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN051260.D
Acq: 16 Sep 2018 7:27

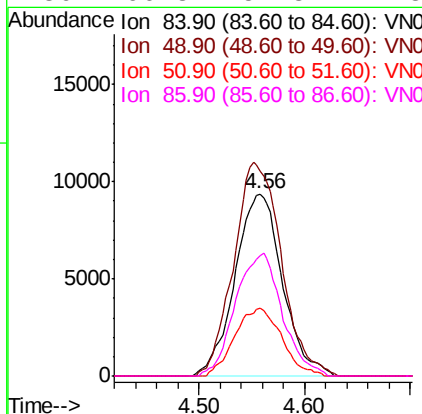
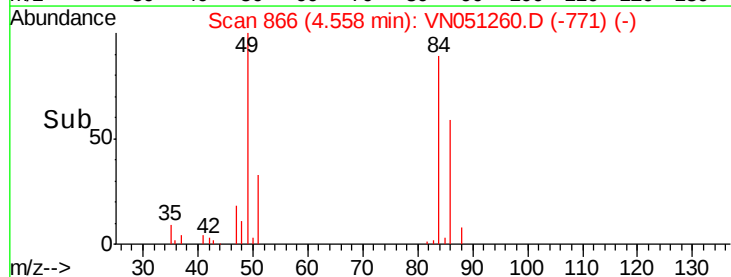
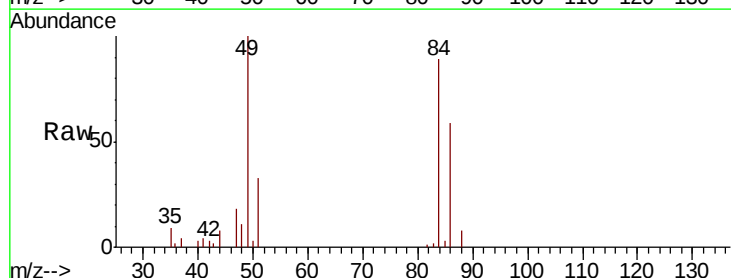
Instrument :
MSVOA_N
ClientSampled :
PHASE-2

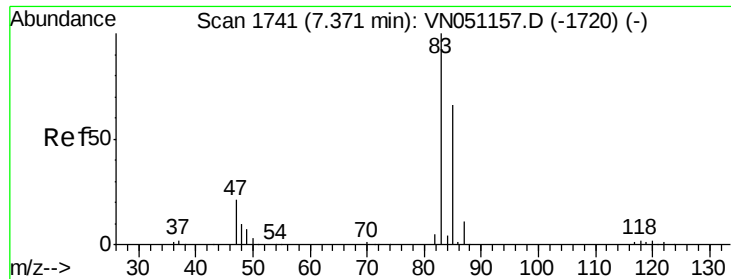
Tot Ion: 43 Resp: 10872
Ion Ratio Lower Upper
43 100
74 20.4 20.7 31.1#



#20
Methylene Chloride
Concen: 5.94 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN051260.D
Acq: 16 Sep 2018 7:27

Tgt Ion: 84 Resp: 29263
Ion Ratio Lower Upper
84 100
49 112.4 90.2 135.2
51 37.4 28.4 42.6
86 66.3 51.8 77.8

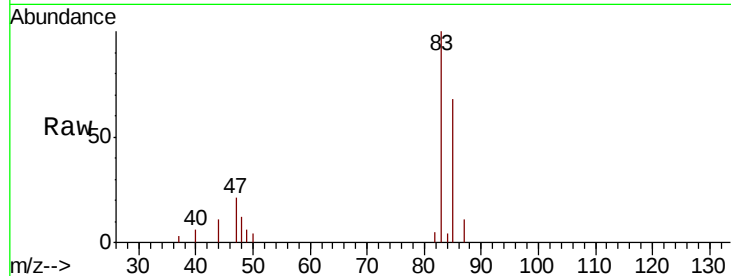




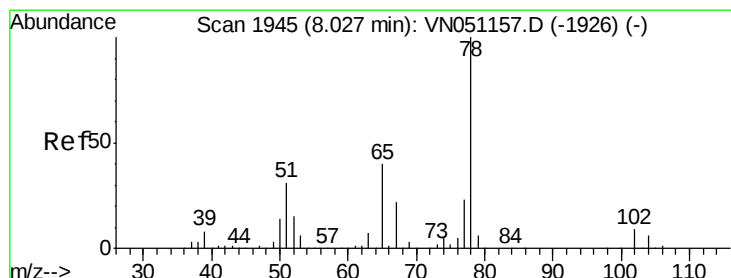
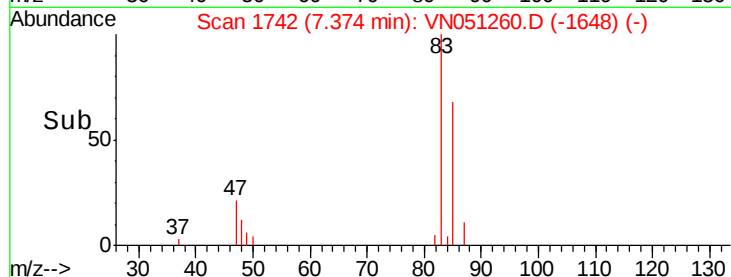
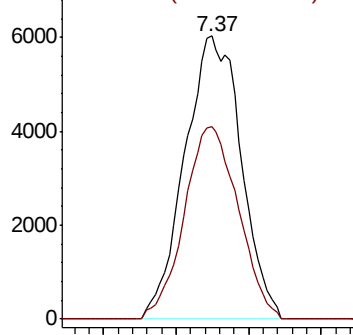
#30
Chloroform
Concen: 2.00 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN051260.D
Acq: 16 Sep 2018 7:27

Instrument :
MSVOA_N
ClientSampleId :
PHASE-2

Tot Ion: 83 Resp: 16281
Ion Ratio Lower Upper
83 100
85 67.9 52.6 79.0

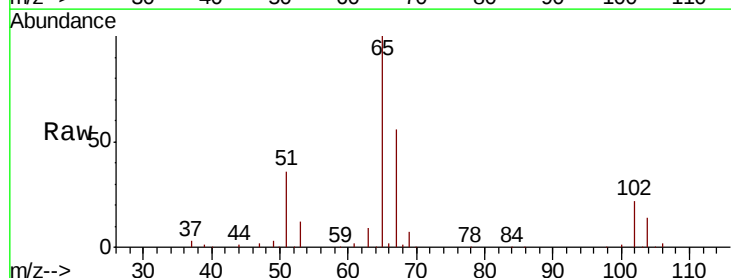


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

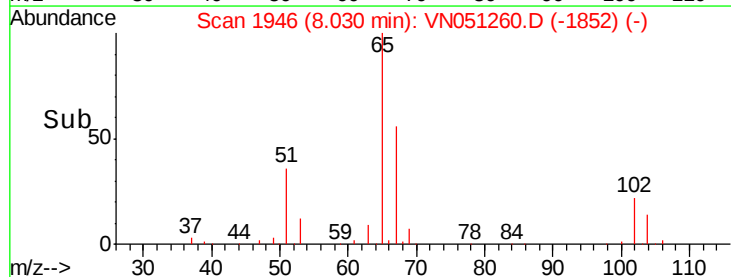
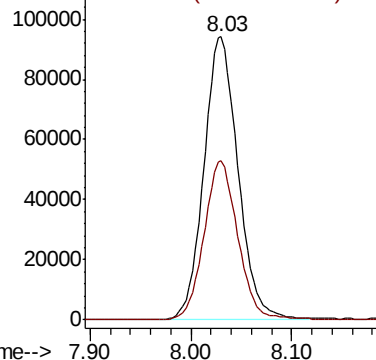


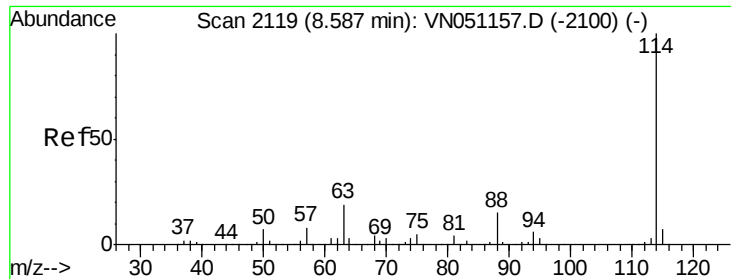
#33
1,2-Dichloroethane-d4
Concen: 49.73 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051260.D
Acq: 16 Sep 2018 7:27

Tgt Ion: 65 Resp: 221695
Ion Ratio Lower Upper
65 100
67 55.7 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

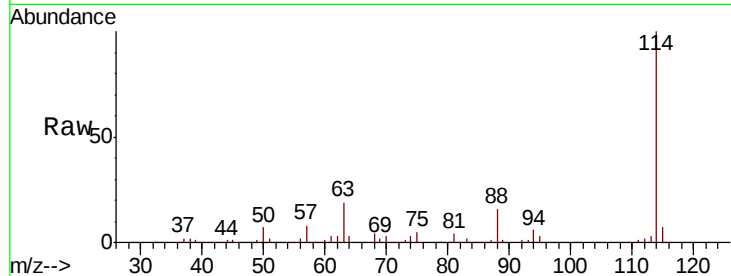




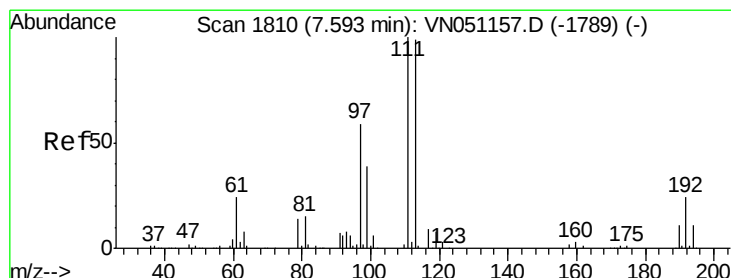
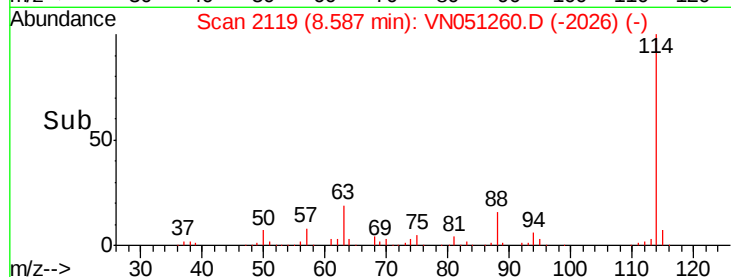
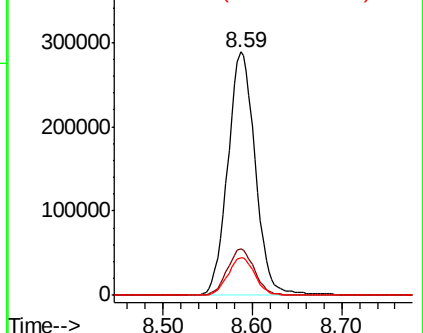
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051260.D
 Acq: 16 Sep 2018 7:27

Instrument :
 MSVOA_N
 ClientSampleId :
 PHASE-2

Tot Ion:	114	Resp:	616933
Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	37.8
88	15.6	0.0	30.8

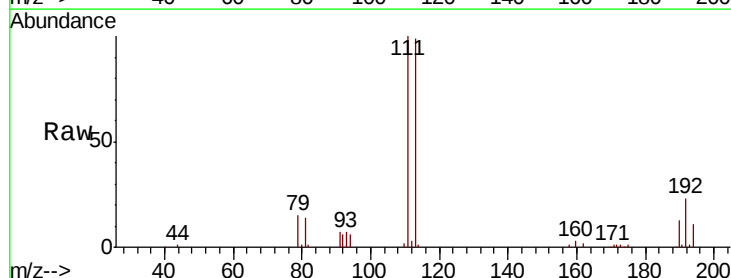


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

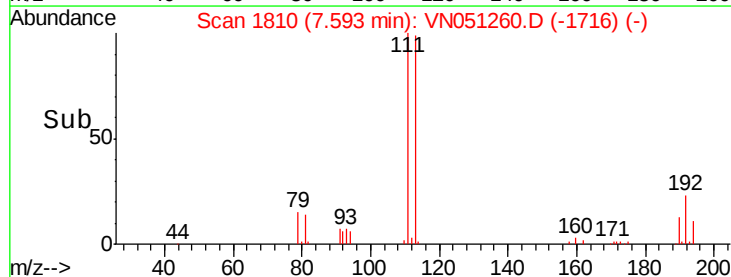
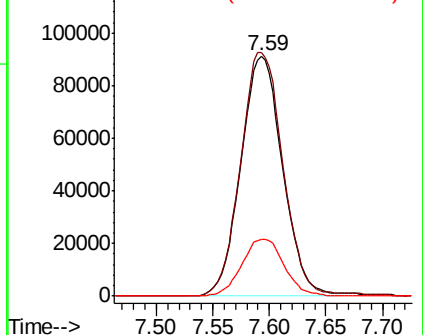


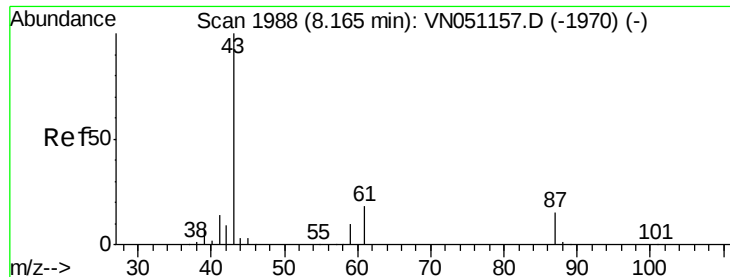
#35
 Dibromofluoromethane
 Concen: 50.40 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051260.D
 Acq: 16 Sep 2018 7:27

Tgt Ion:	113	Resp:	233654
Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.0	124.6
192	24.2	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: 12.11 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN051260.D

Acq: 16 Sep 2018 7:27

Instrument :

MSVOA_N

ClientSampleId :

PHASE-2

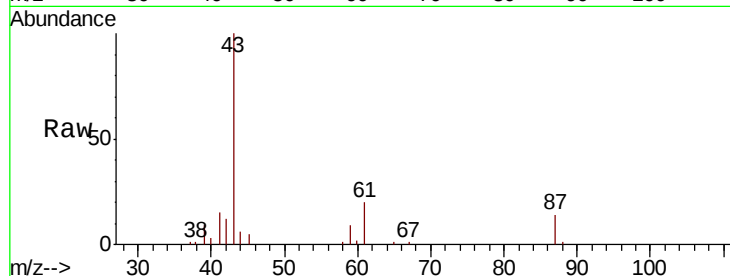
Tot Ion: 43 Resp: 83852

Ion Ratio Lower Upper

43 100

61 18.2 25.0 37.6#

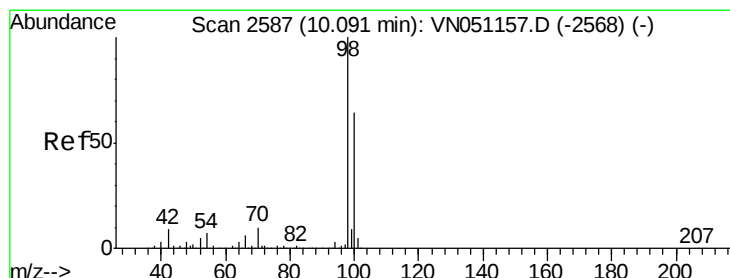
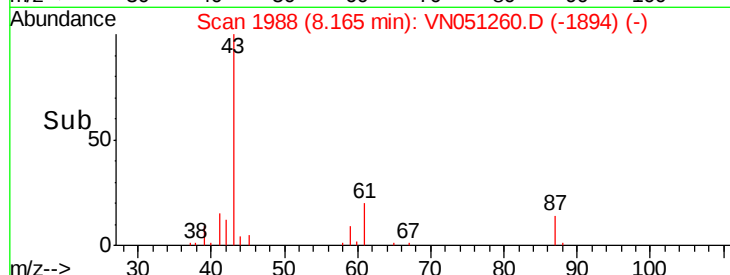
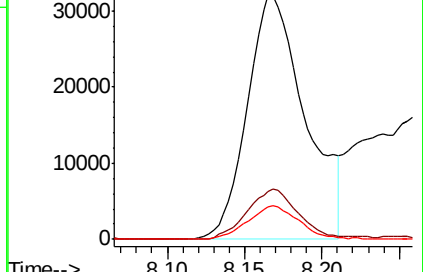
87 11.9 11.8 17.8



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: 45.87 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051260.D

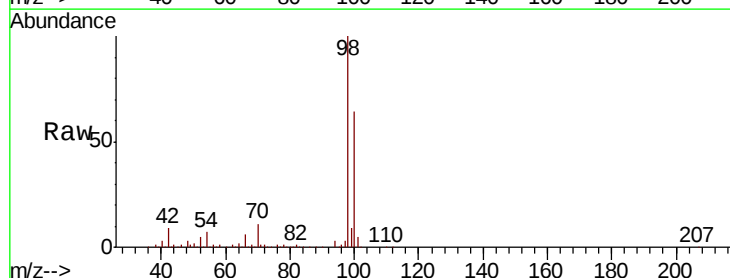
Acq: 16 Sep 2018 7:27

Tgt Ion: 98 Resp: 806898

Ion Ratio Lower Upper

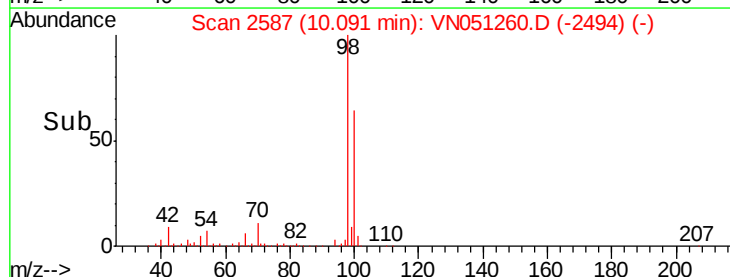
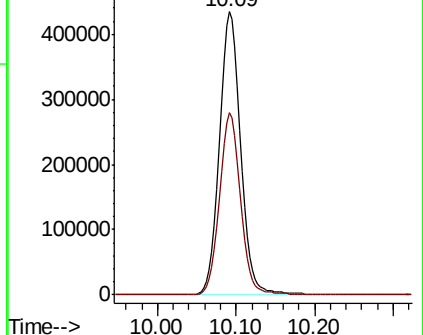
98 100

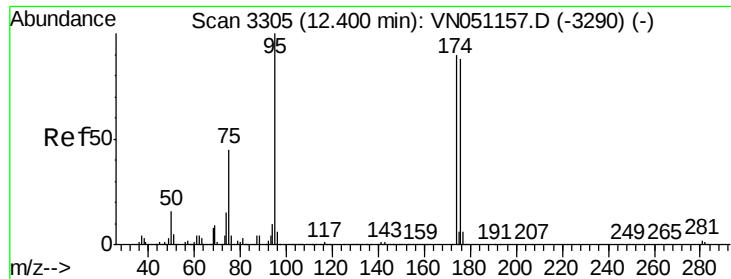
100 63.8 52.0 78.0



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: 34.29 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051260.D

Acq: 16 Sep 2018 7:27

Instrument :

MSVOA_N

ClientSampleId :

PHASE-2

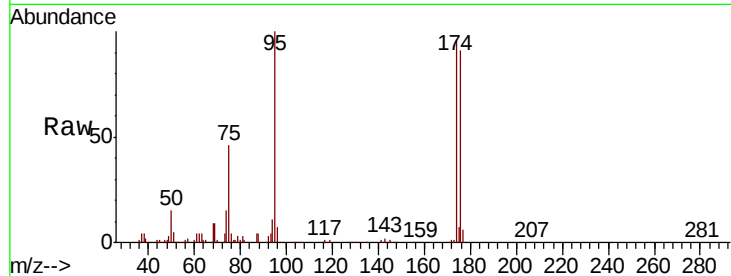
Tot Ion: 95 Resp: 199554

Ion Ratio Lower Upper

95 100

174 95.9 0.0 184.8

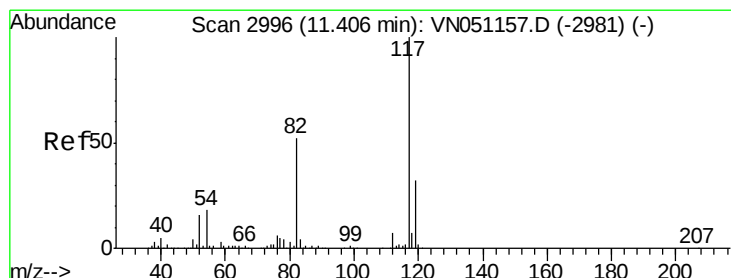
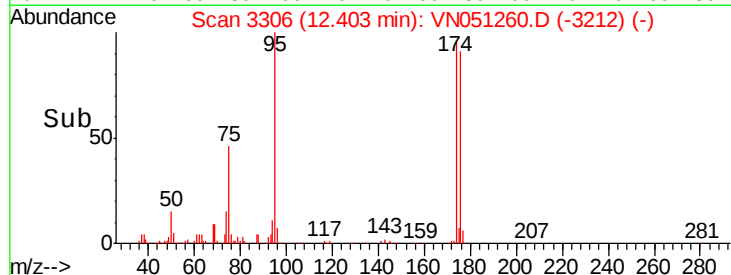
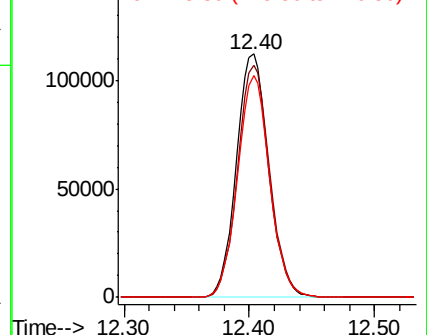
176 90.9 0.0 178.6



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# 2997

Delta R.T. 0.00 min

Lab File: VN051260.D

Acq: 16 Sep 2018 7:27

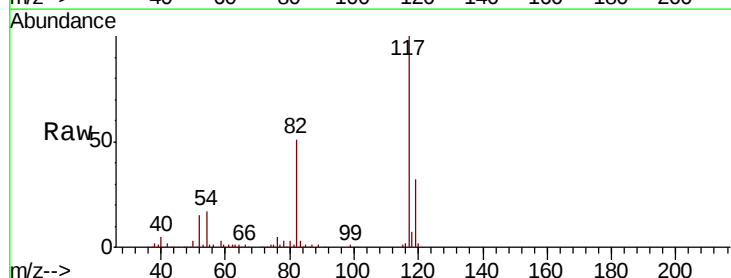
Tgt Ion: 117 Resp: 506694

Ion Ratio Lower Upper

117 100

82 50.5 41.8 62.6

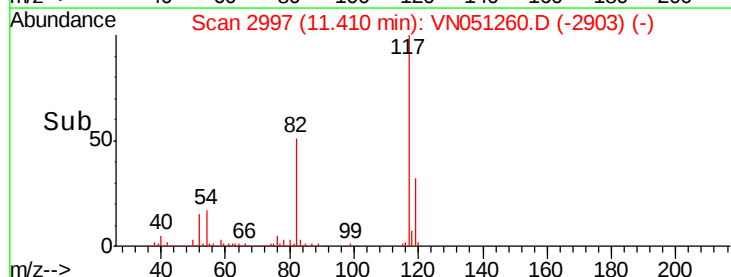
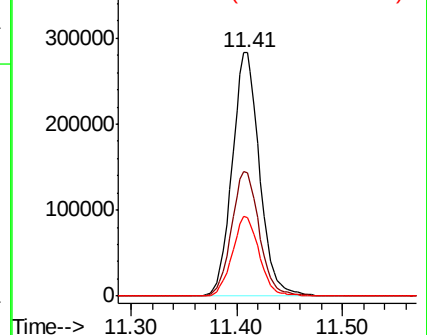
119 32.5 26.2 39.2

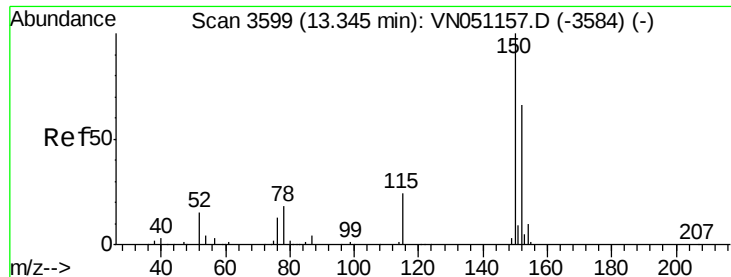


Abundance Ion 116.90 (116.60 to 117.60): VN051157.D (-2981) (-)

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: VN051260.D

Acq: 16 Sep 2018 7:27

Instrument :

MSVOA_N

ClientSampleId :

PHASE-2

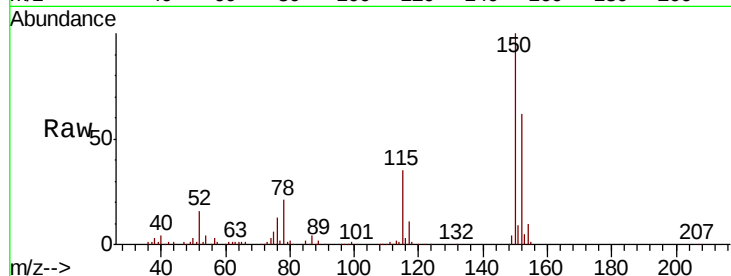
Tot Ion:152 Resp: 138192

Ion Ratio Lower Upper

152 100

115 56.7 28.2 84.7

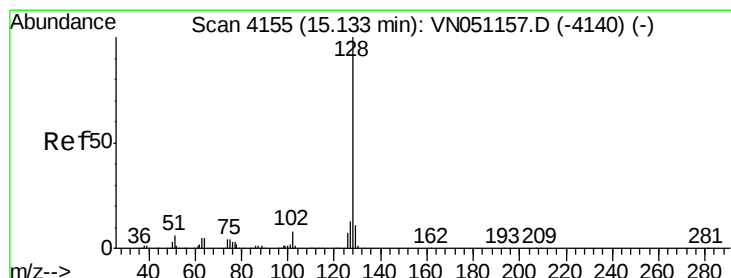
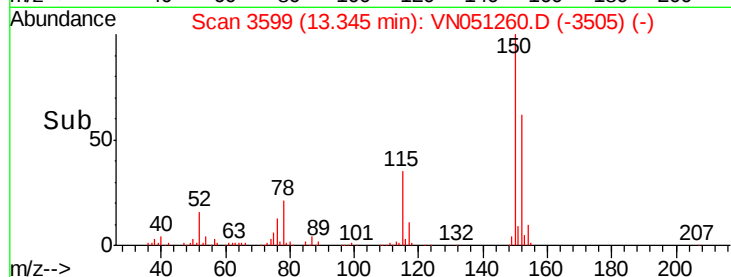
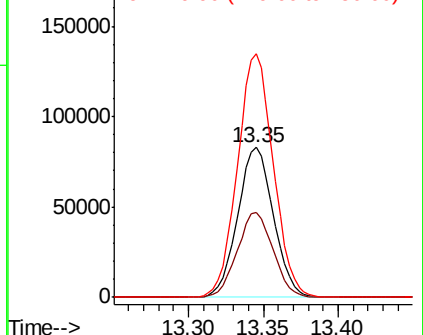
150 162.2 0.0 349.0



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: 6.98 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051260.D

Acq: 16 Sep 2018 7:27

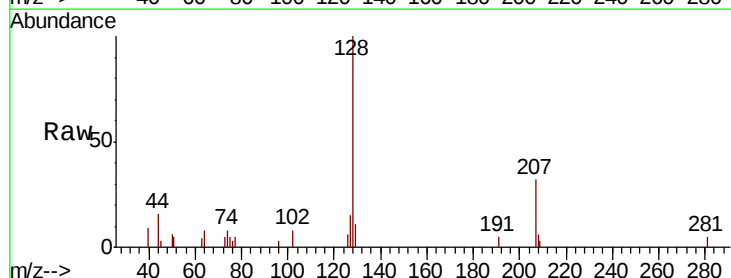
Tgt Ion:128 Resp: 9543

Ion Ratio Lower Upper

128 100

127 12.1 10.6 15.8

129 9.9 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

