

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081718\
 Data File : VN050759.D
 Acq On : 18 Aug 2018 8:16
 Operator : MD\SY
 Sample : J4521-27
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 72-11988

Quant Time: Aug 20 01:11:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	651481	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1060710	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	882924	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	271341	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	432850	52.71	ug/l	0.00
Spiked Amount			Recovery	=	105.42%	
35) Dibromofluoromethane	7.59	113	411545	48.60	ug/l	0.00
Spiked Amount			Recovery	=	97.20%	
50) Toluene-d8	10.09	98	1465631	45.99	ug/l	0.00
Spiked Amount			Recovery	=	91.98%	
62) 4-Bromofluorobenzene	12.40	95	367646	34.92	ug/l	0.00
Spiked Amount			Recovery	=	69.84%	

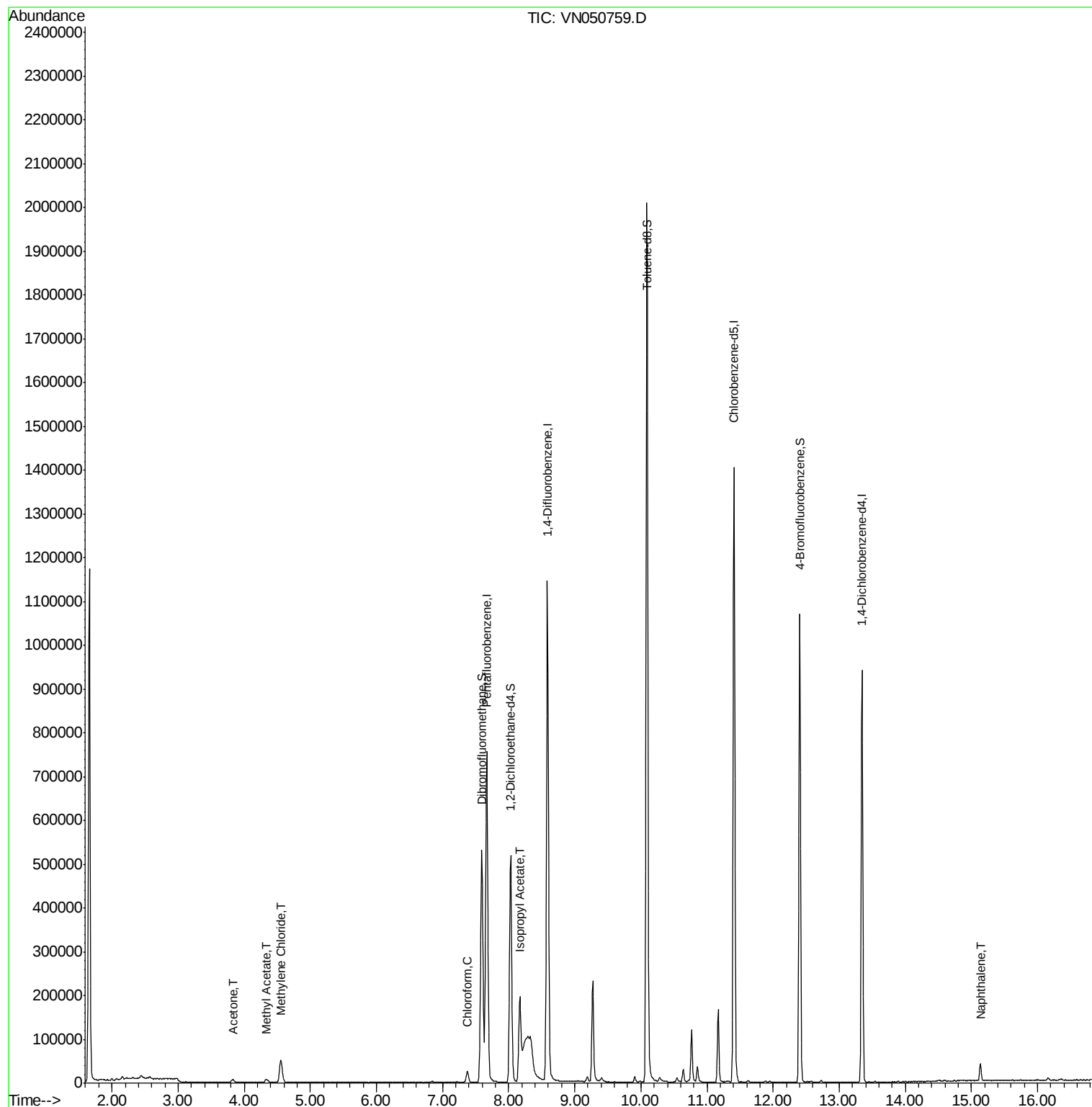
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	14049	5.43	ug/l	95
18) Methyl Acetate	4.33	43	15931	1.80	ug/l	95
20) Methylene Chloride	4.55	84	40108	3.97	ug/l	97
30) Chloroform	7.37	83	28703	1.94	ug/l	94
43) Isopropyl Acetate	8.17	43	254872	20.95	ug/l	96
95) Naphthalene	15.14	128	33809	6.85	ug/l	97

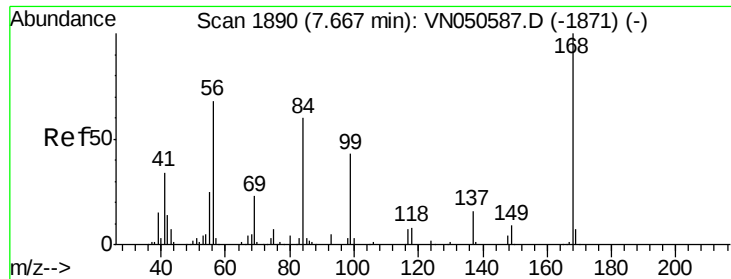
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050759.D

Acq: 18 Aug 2018 8:16

Instrument :

MSVOA_N

ClientSampleId :

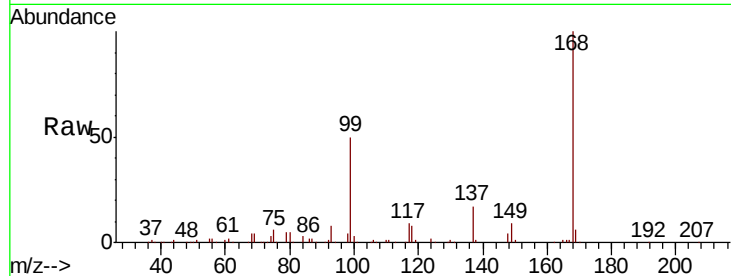
72-11988

Tot Ion:168 Resp: 651481

Ion Ratio Lower Upper

168 100

99 50.0 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): VN050759.D (-1797) (-)

Ion 98.90 (98.60 to 99.60): VN050759.D (-1797) (-)

7.67

300000

250000

200000

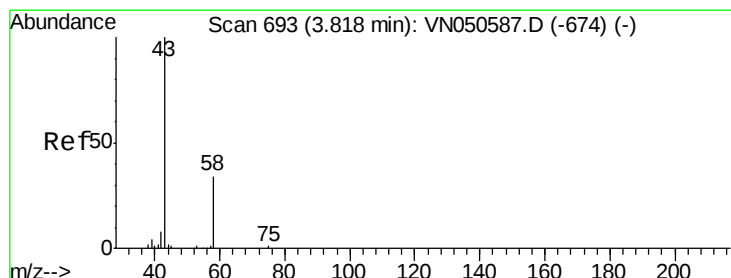
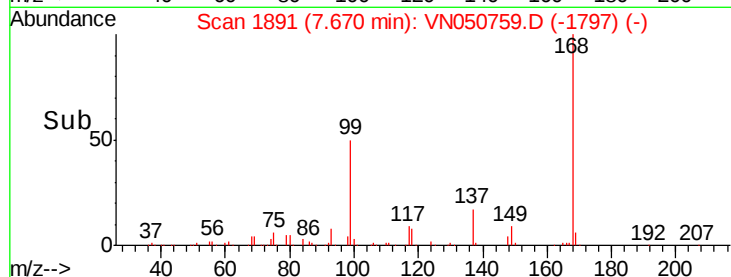
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.43 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN050759.D

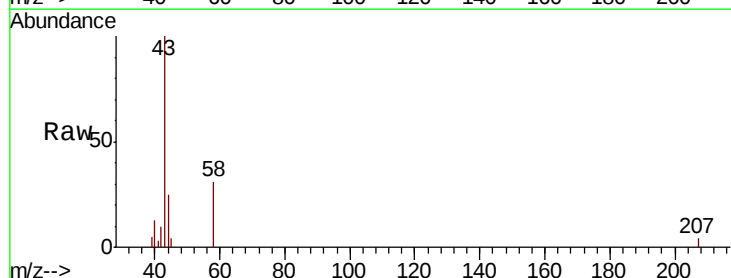
Acq: 18 Aug 2018 8:16

Tgt Ion: 43 Resp: 14049

Ion Ratio Lower Upper

43 100

58 31.0 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN050759.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN050759.D (-600) (-)

3.83

5000

4000

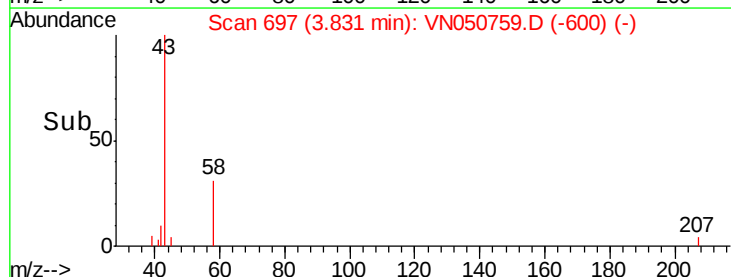
3000

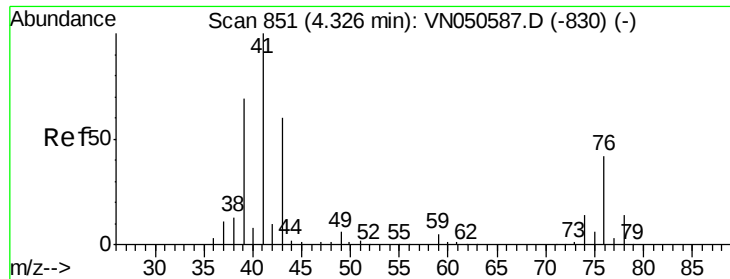
2000

1000

0

Time-->

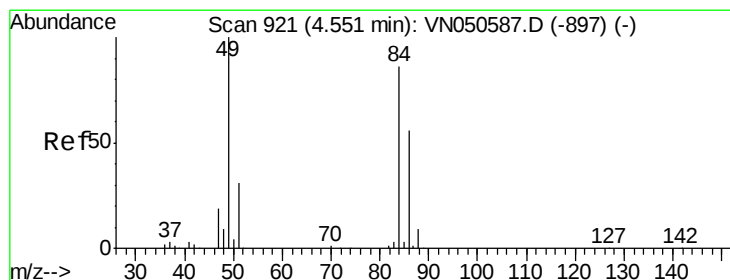
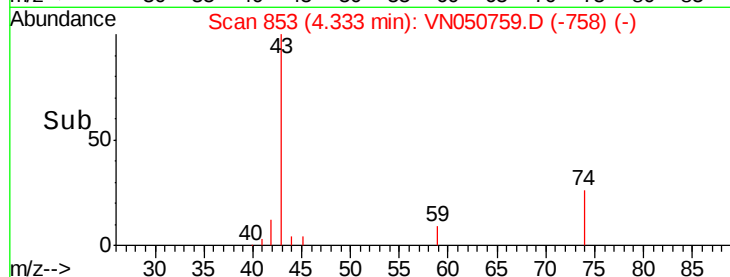
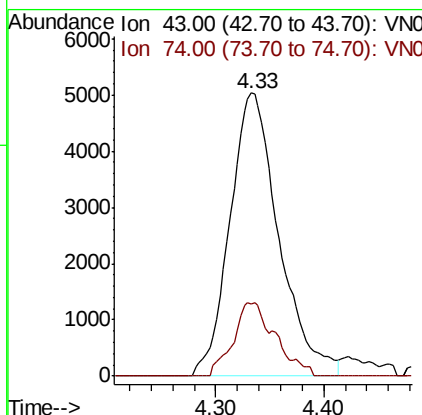
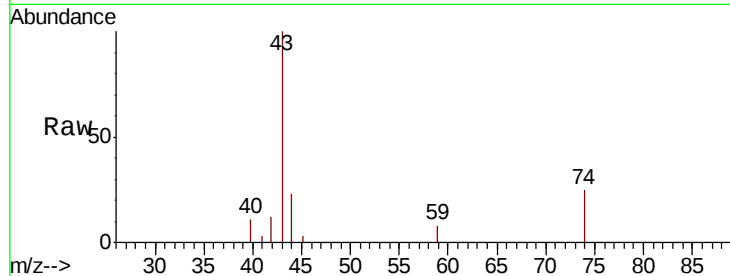




#18
Methvl Acetate
Concen: 1.80 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN050759.D
Acq: 18 Aug 2018 8:16

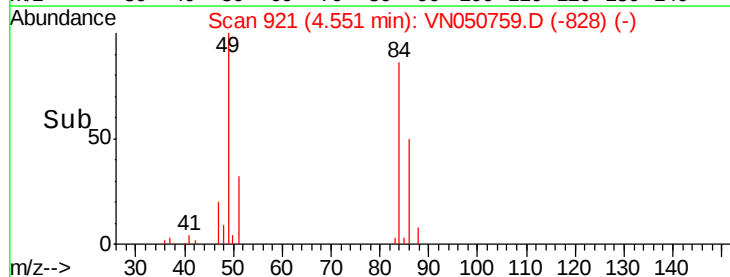
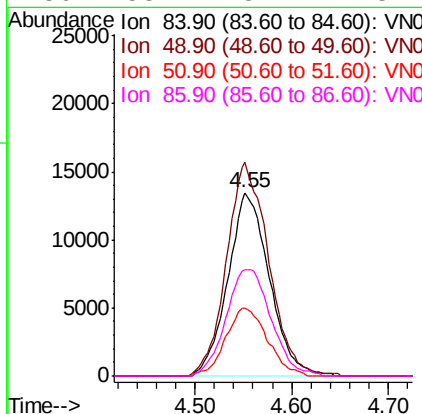
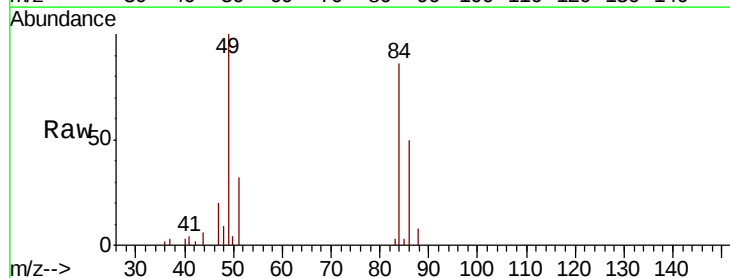
Instrument :
MSVOA_N
ClientSampleId :
72-11988

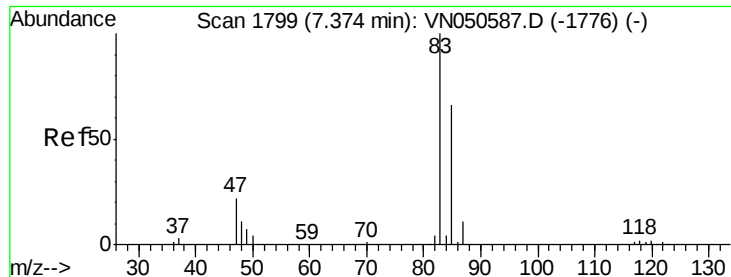
Tot Ion: 43 Resp: 15931
Ion Ratio Lower Upper
43 100
74 22.3 19.7 29.5



#20
Methylene Chloride
Concen: 3.97 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050759.D
Acq: 18 Aug 2018 8:16

Tgt Ion: 84 Resp: 40108
Ion Ratio Lower Upper
84 100
49 116.6 92.6 138.8
51 36.9 28.6 43.0
86 58.1 52.2 78.2

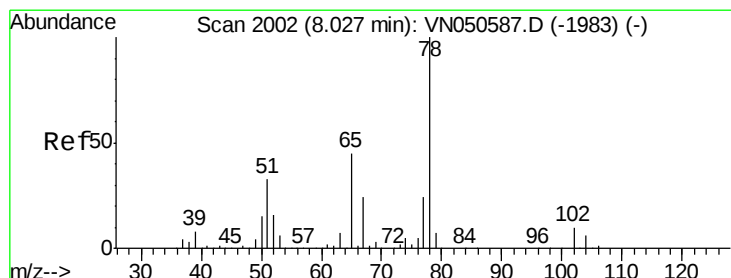
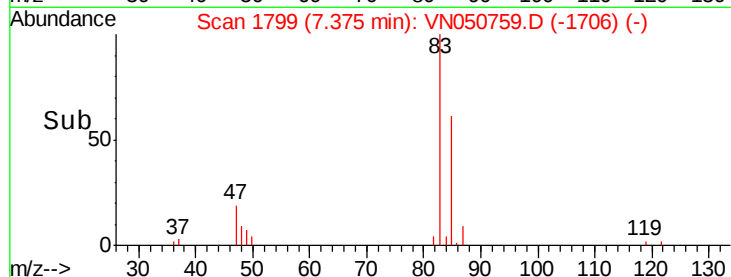
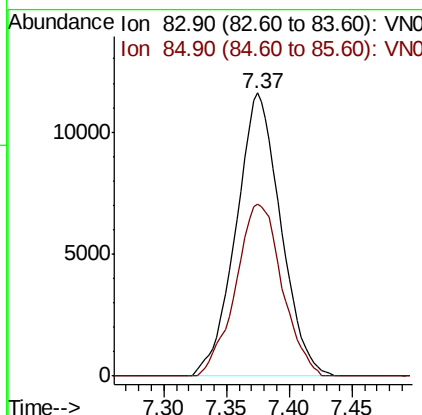
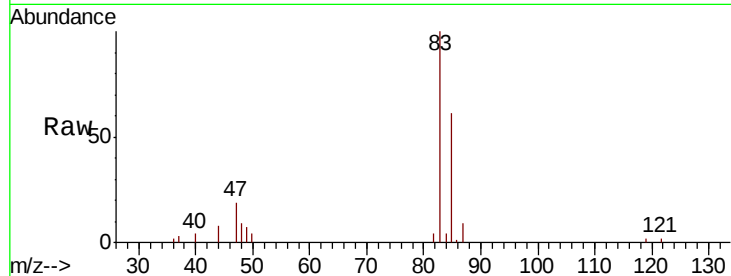




#30
Chloroform
Concen: 1.94 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN050759.D
Acq: 18 Aug 2018 8:16

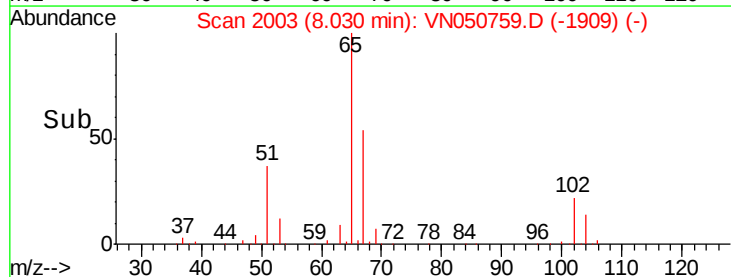
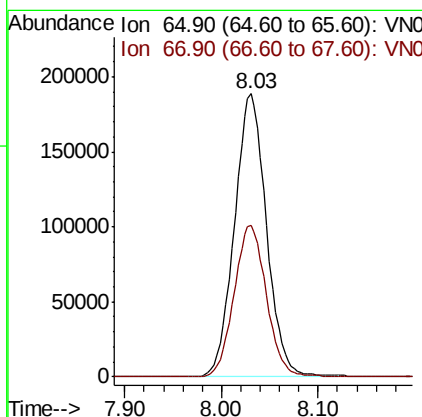
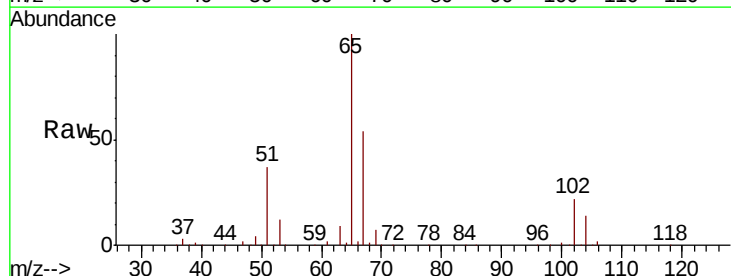
Instrument :
MSVOA_N
ClientSampleId :
72-11988

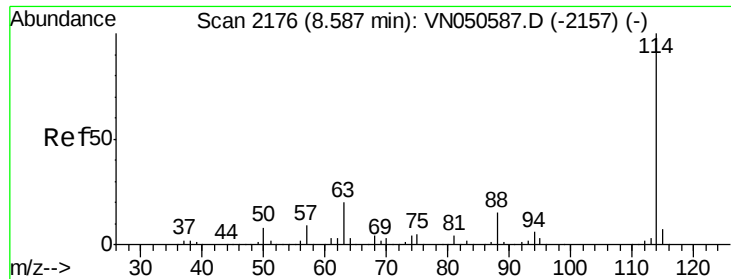
Tot Ion: 83 Resp: 28703
Ion Ratio Lower Upper
83 100
85 60.9 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 52.71 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050759.D
Acq: 18 Aug 2018 8:16

Tgt Ion: 65 Resp: 432850
Ion Ratio Lower Upper
65 100
67 54.4 0.0 109.8

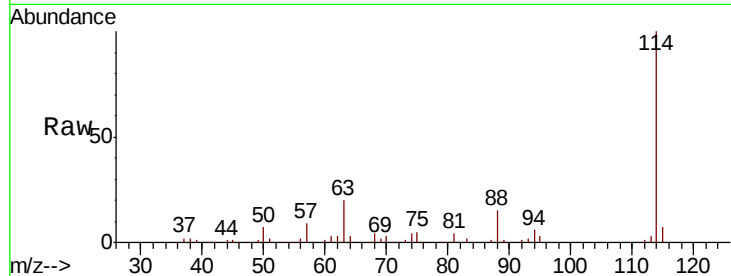




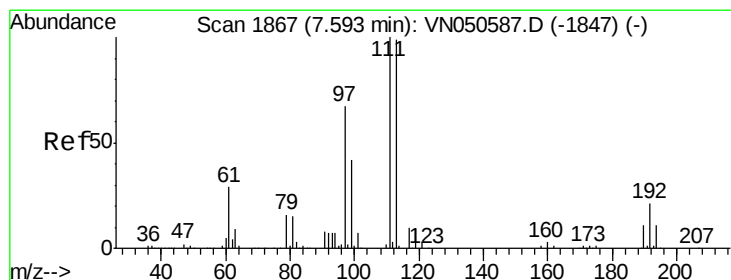
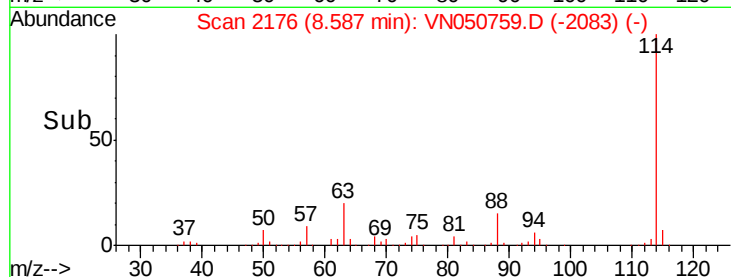
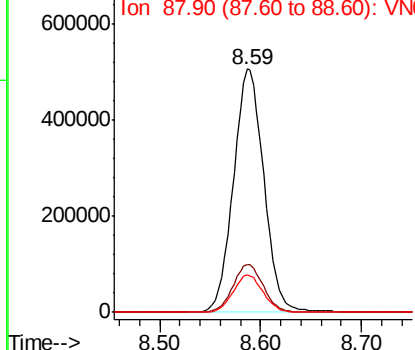
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050759.D
 Acq: 18 Aug 2018 8:16

Instrument :
 MSVOA_N
 ClientSampleId :
 72-11988

Tot Ion:114 Resp: 1060710
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.0
 88 15.2 0.0 30.8

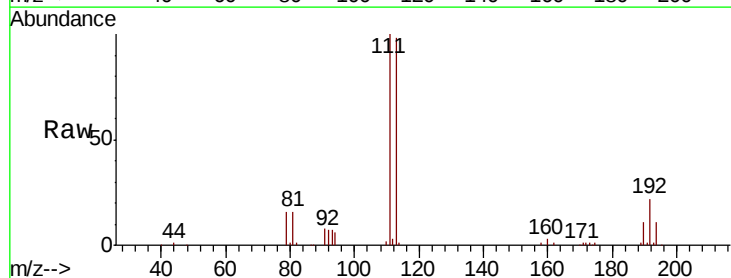


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

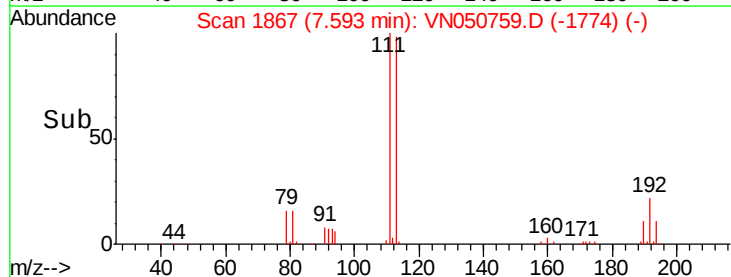
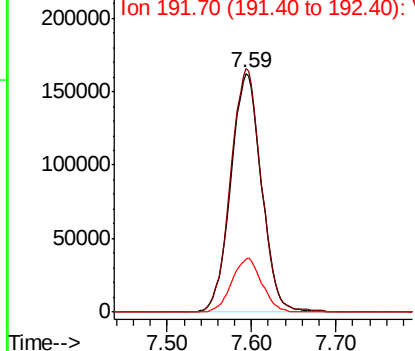


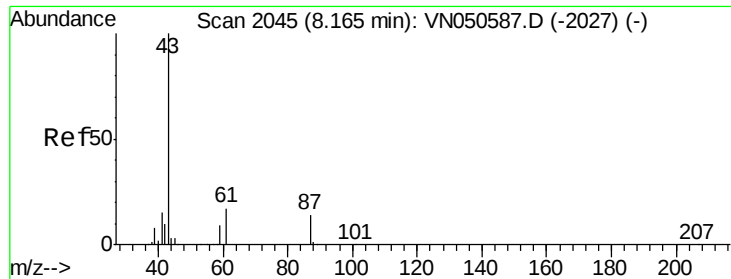
#35
 Dibromofluoromethane
 Concen: 48.60 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050759.D
 Acq: 18 Aug 2018 8:16

Tgt Ion:113 Resp: 411545
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.0 121.6
 192 22.2 17.6 26.4



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: 20.95 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050759.D

Acq: 18 Aug 2018 8:16

Instrument :

MSVOA_N

ClientSampleId :

72-11988

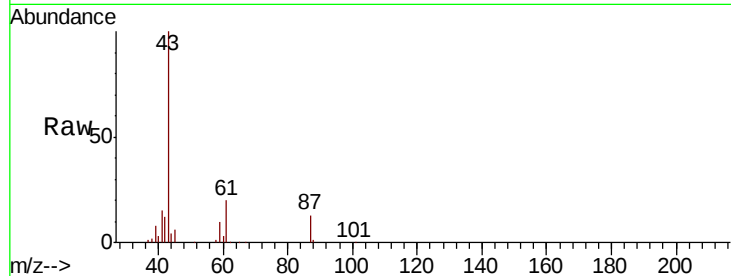
Tot Ion: 43 Resp: 254872

Ion Ratio Lower Upper

43 100

61 18.4 16.2 24.2

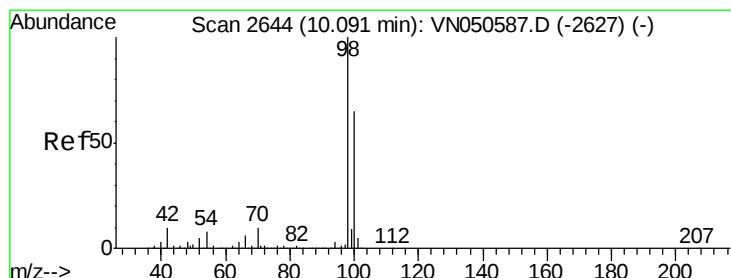
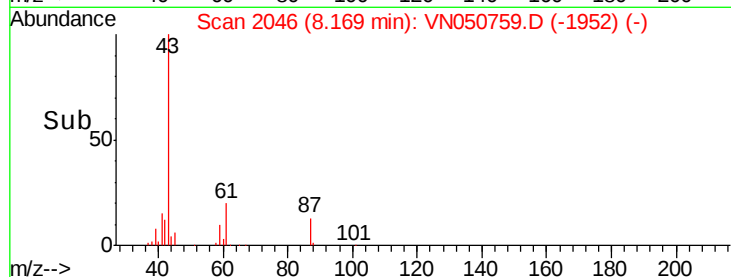
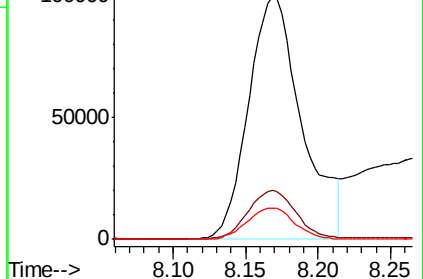
87 11.7 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VN050759.D (-1952) (-)

Ion 61.00 (60.70 to 61.70): VN050759.D (-1952) (-)

Ion 87.00 (86.70 to 87.70): VN050759.D (-1952) (-)



#50

Toluene-d8

Concen: 45.99 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050759.D

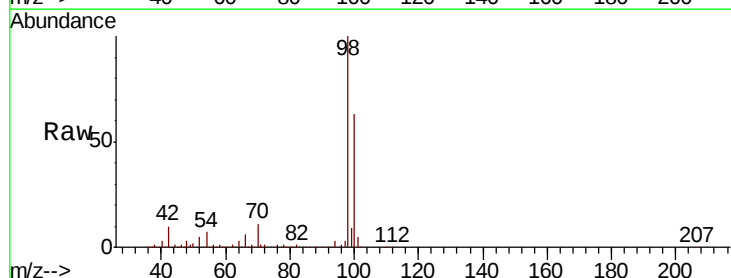
Acq: 18 Aug 2018 8:16

Tgt Ion: 98 Resp: 1465631

Ion Ratio Lower Upper

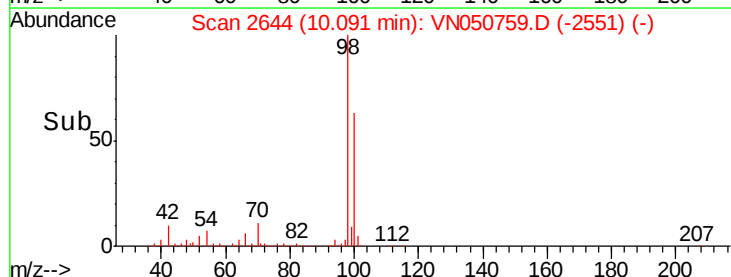
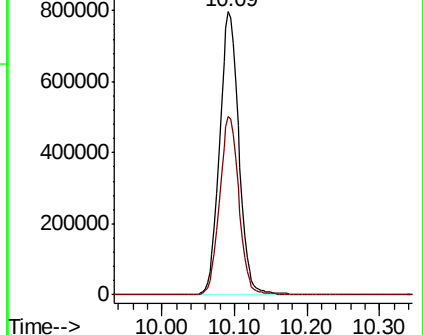
98 100

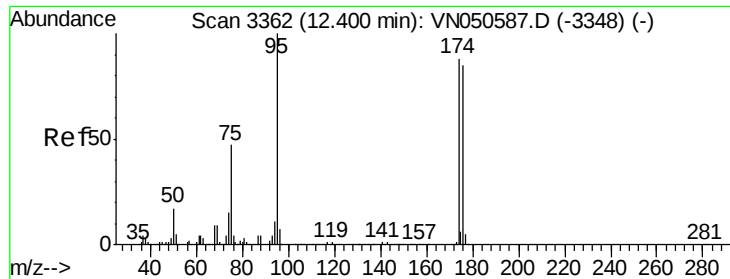
100 63.3 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN050759.D (-2551) (-)

Ion 100.00 (99.70 to 100.70): VN050759.D (-2551) (-)

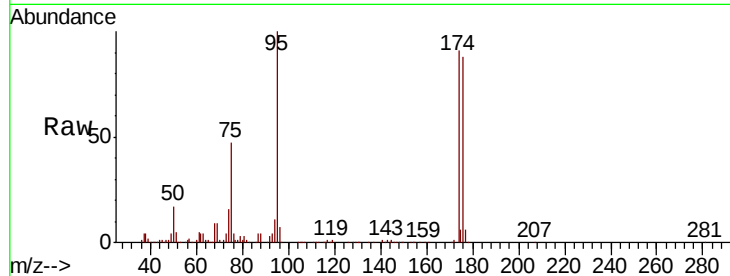




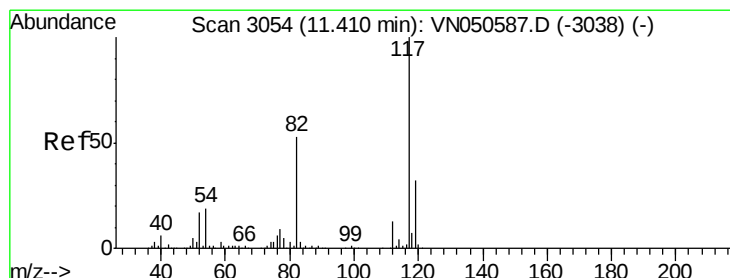
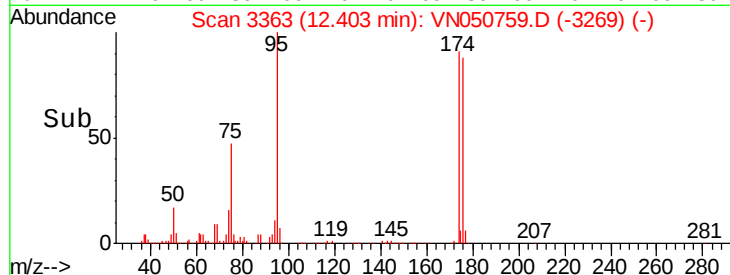
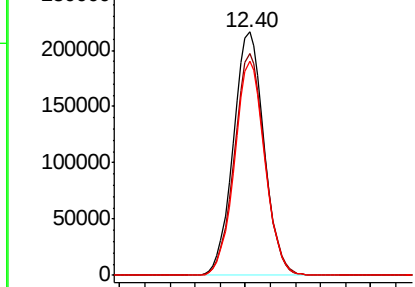
#62
4-Bromofluorobenzene
Concen: 34.92 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050759.D
Acq: 18 Aug 2018 8:16

Instrument :
MSVOA_N
ClientSampleId :
72-11988

Tot Ion: 95 Resp: 367646
Ion Ratio Lower Upper
95 100
174 90.5 0.0 177.8
176 86.4 0.0 175.0

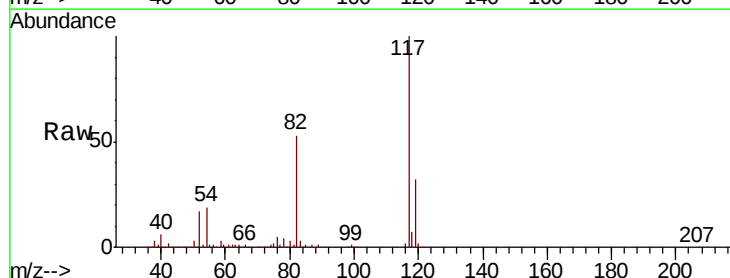


Abundance Ion 94.90 (94.60 to 95.60): VN050587.D (-3348) (-)
Ion 173.80 (173.50 to 174.50): VN050587.D (-3348) (-)
Ion 175.80 (175.50 to 176.50): VN050587.D (-3348) (-)

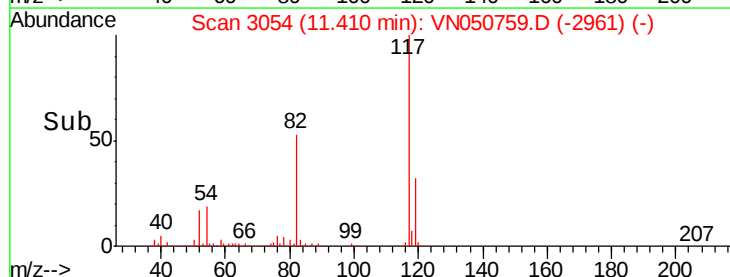
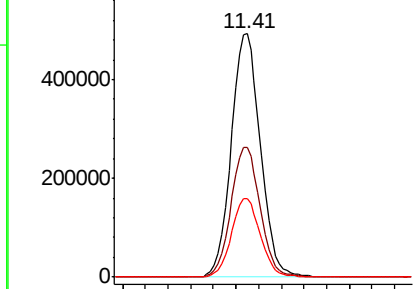


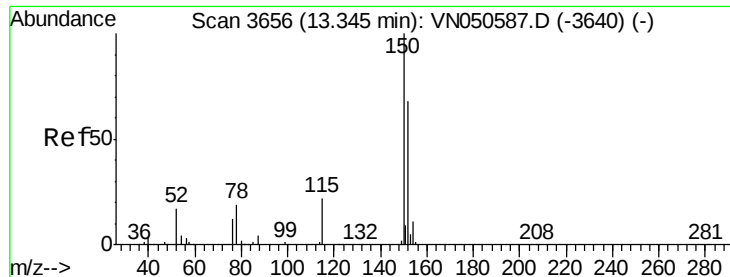
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050759.D
Acq: 18 Aug 2018 8:16

Tgt Ion: 117 Resp: 882924
Ion Ratio Lower Upper
117 100
82 53.2 42.4 63.6
119 32.3 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): VN050587.D (-3038) (-)
Ion 82.00 (81.70 to 82.70): VN050587.D (-3038) (-)
Ion 118.90 (118.60 to 119.60): VN050587.D (-3038) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050759.D

Acq: 18 Aug 2018 8:16

Instrument :

MSVOA_N

ClientSampleId :

72-11988

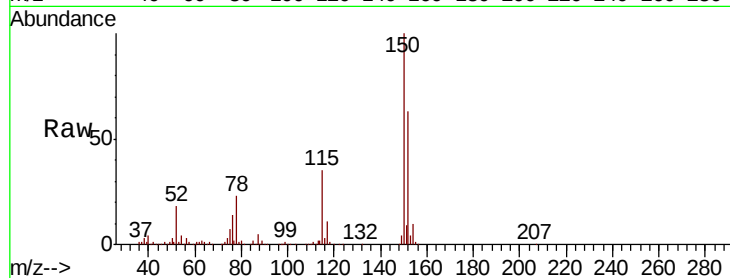
Tot Ion:152 Resp: 271341

Ion Ratio Lower Upper

152 100

115 56.2 28.1 84.2

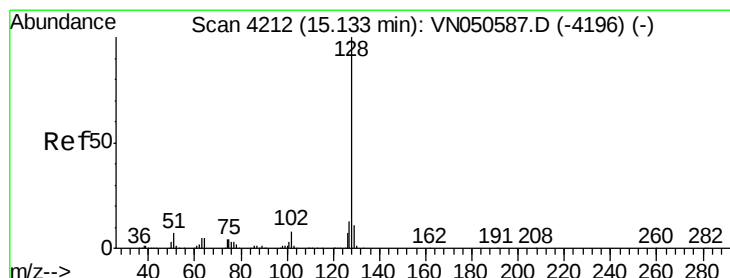
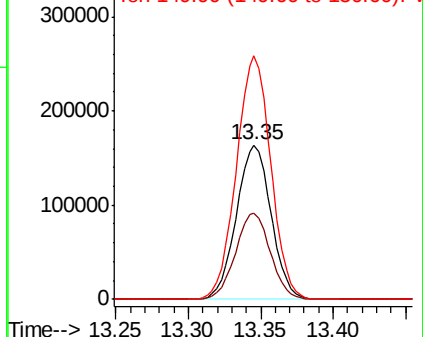
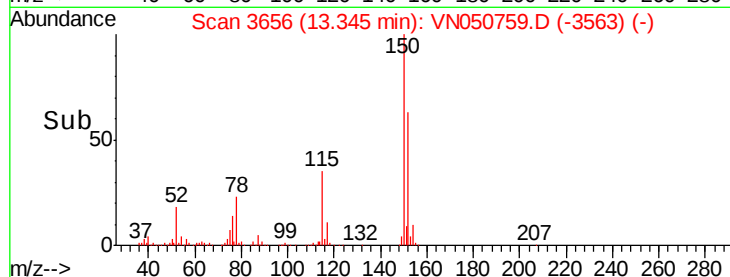
150 156.8 0.0 347.8



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: 6.85 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050759.D

Acq: 18 Aug 2018 8:16

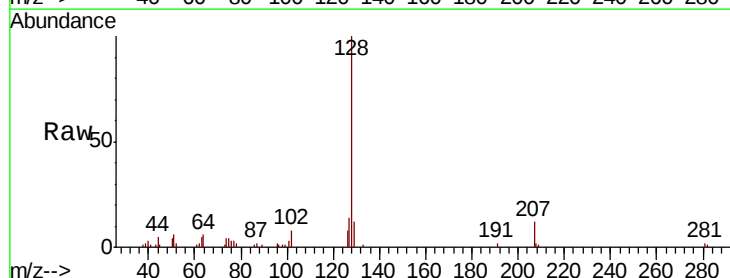
Tgt Ion:128 Resp: 33809

Ion Ratio Lower Upper

128 100

127 13.9 10.3 15.5

129 11.6 8.5 12.7



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

