

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081518\
 Data File : VN050685.D
 Acq On : 16 Aug 2018 4:50
 Operator : MD\SY
 Sample : J4471-24
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-6

Quant Time: Aug 16 08:08:35 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	610016	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1009093	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	864330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	309247	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	417364	54.28	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.56%	
35) Dibromofluoromethane	7.59	113	388554	48.23	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.46%	
50) Toluene-d8	10.09	98	1382302	45.59	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.18%	
62) 4-Bromofluorobenzene	12.40	95	382485	38.19	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	76.38%	

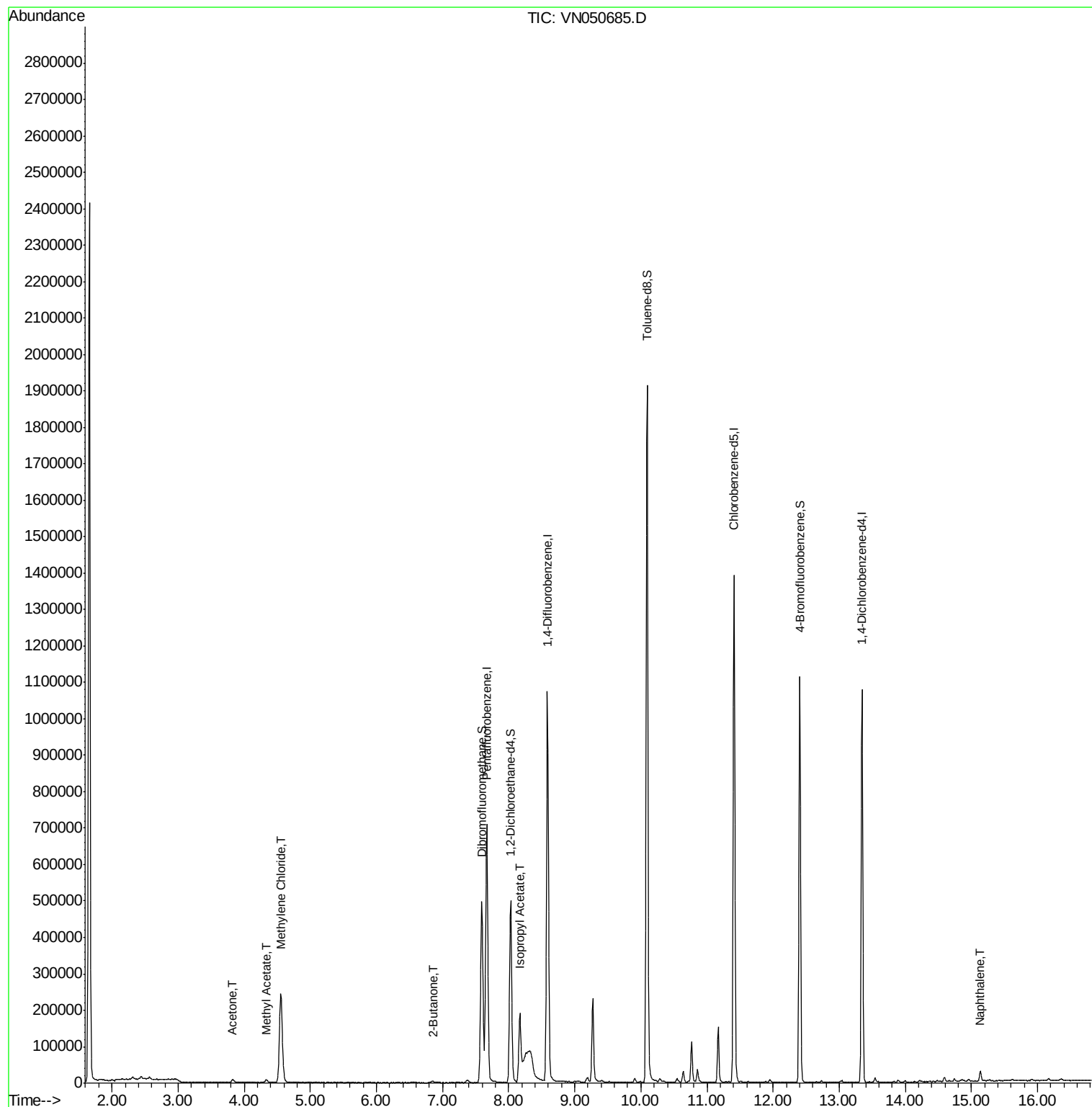
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	14710	6.25	ug/l	98
18) Methyl Acetate	4.33	43	15130	1.84	ug/l	99
20) Methylene Chloride	4.55	84	194241	25.97	ug/l	98
25) 2-Butanone	6.85	43	6665	2.11	ug/l	99
43) Isopropyl Acetate	8.17	43	233419	20.17	ug/l	96
95) Naphthalene	15.14	128	24619	5.77	ug/l	97

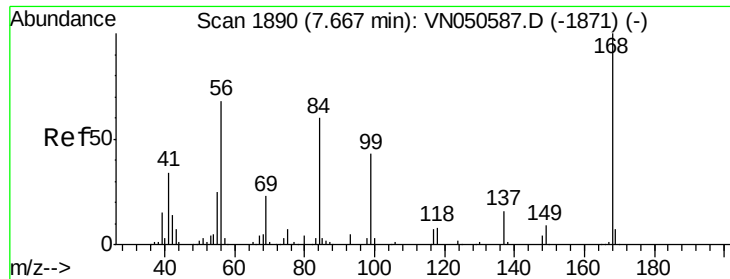
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050685.D

Acq: 16 Aug 2018 4:50

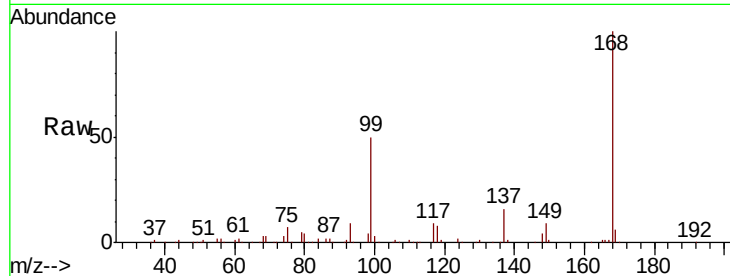
Instrument :
MSVOA_N
ClientSampleId :
TP-6

Tot Ion:168 Resp: 610016

Ion Ratio Lower Upper

168 100

99 50.2 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): VN050587.D (-1871) (-)

Ion 98.90 (98.60 to 99.60): VN050587.D (-1871) (-)

7.67

250000

200000

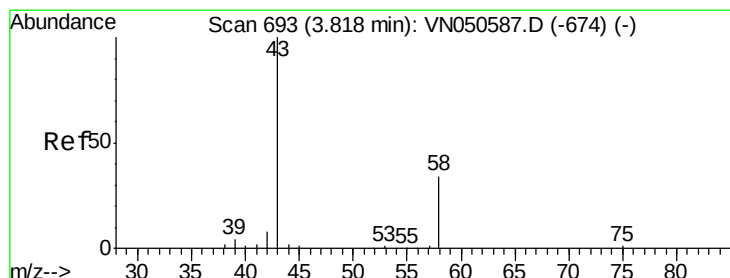
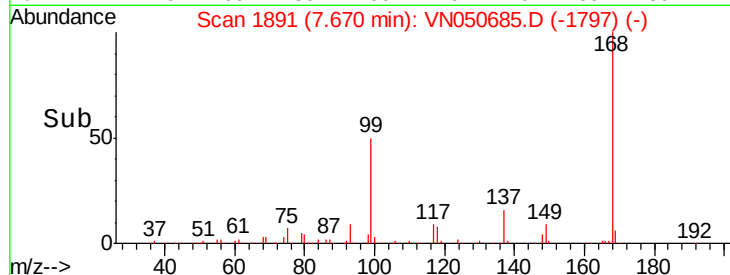
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.25 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN050685.D

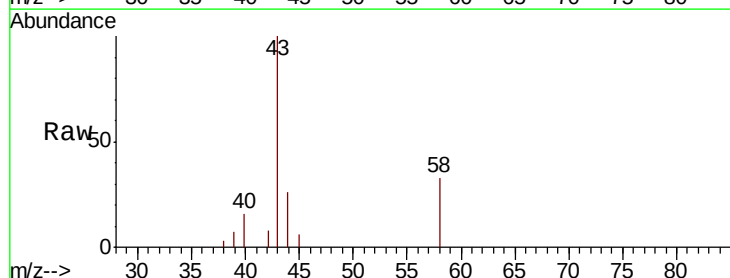
Acq: 16 Aug 2018 4:50

Tgt Ion: 43 Resp: 14710

Ion Ratio Lower Upper

43 100

58 32.8 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN050587.D (-674) (-)

Ion 58.00 (57.70 to 58.70): VN050587.D (-674) (-)

3.83

5000

4000

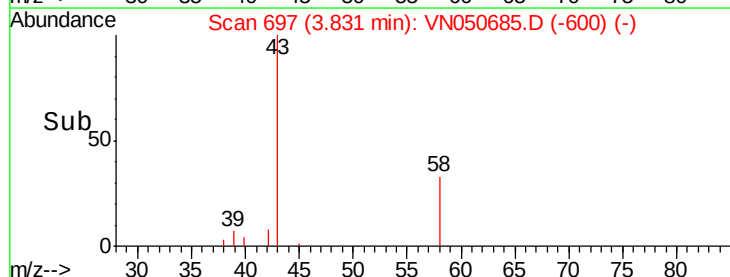
3000

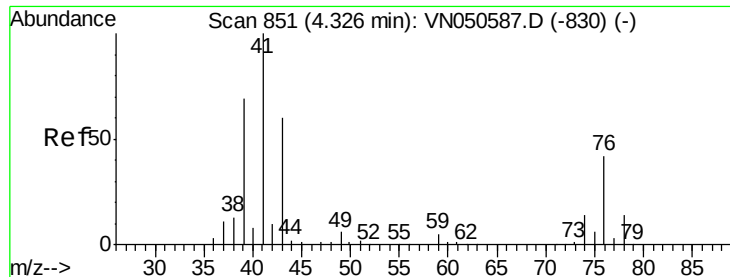
2000

1000

0

Time-->

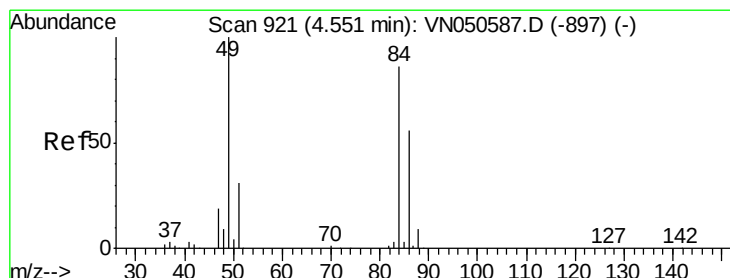
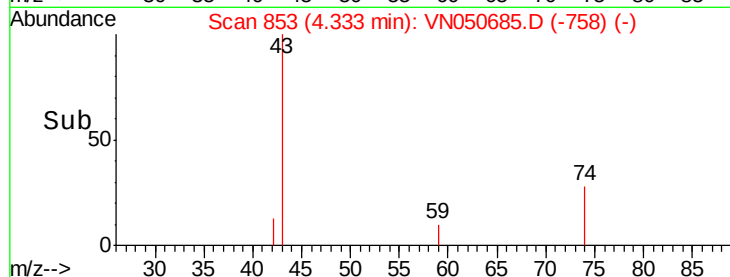
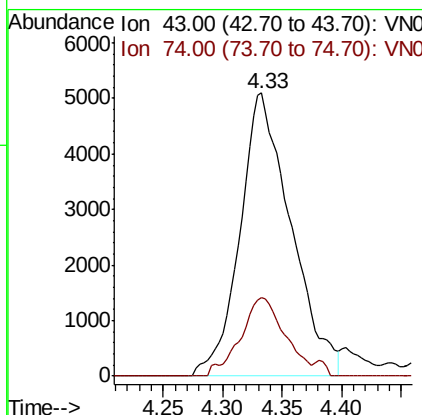
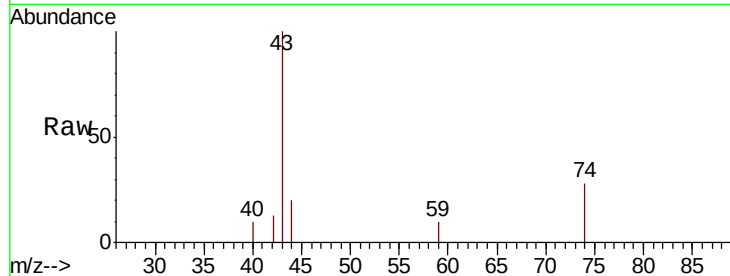




#18
Methyl Acetate
Concen: 1.84 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN050685.D
Acq: 16 Aug 2018 4:50

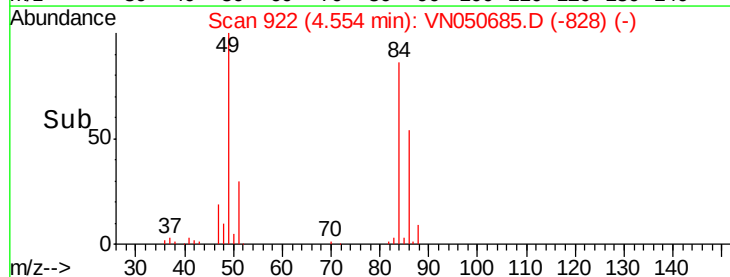
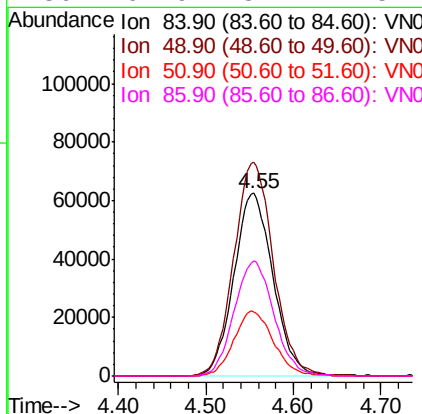
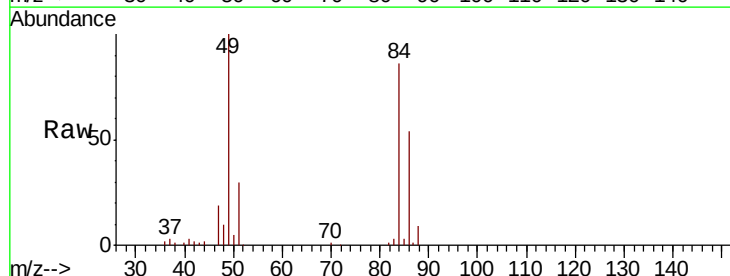
Instrument :
MSVOA_N
ClientSampleId :
TP-6

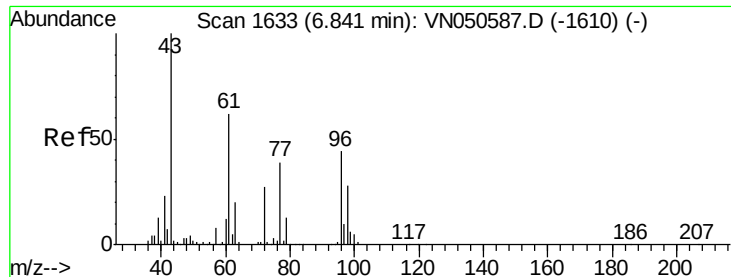
Tot Ion: 43 Resp: 15130
Ion Ratio Lower Upper
43 100
74 24.1 19.7 29.5



#20
Methylene Chloride
Concen: 25.97 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050685.D
Acq: 16 Aug 2018 4:50

Tgt Ion: 84 Resp: 194241
Ion Ratio Lower Upper
84 100
49 116.8 92.6 138.8
51 35.2 28.6 43.0
86 62.9 52.2 78.2

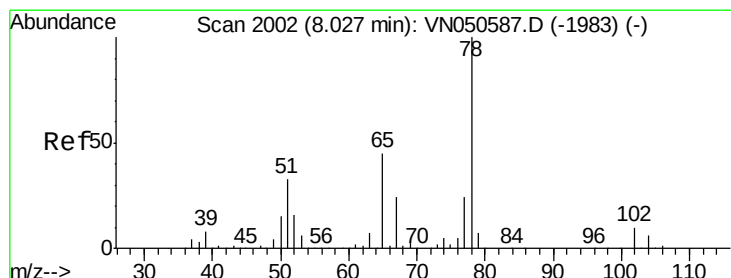
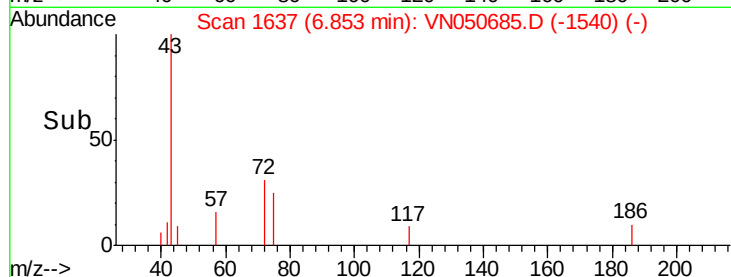
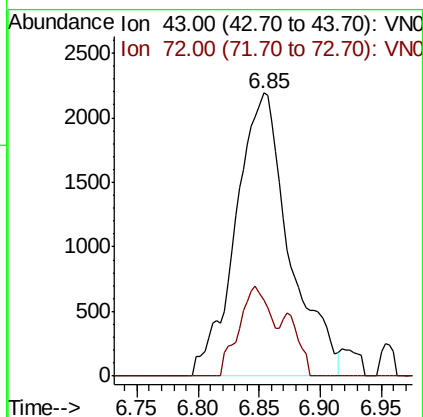
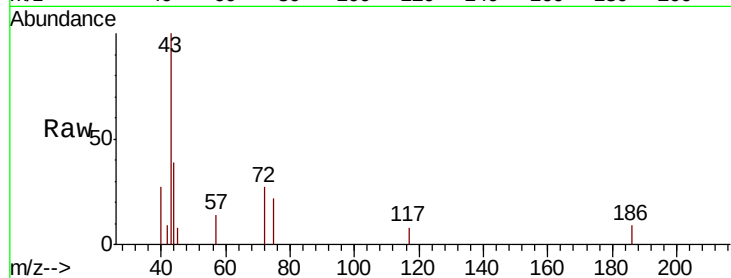




#25
2-Butanone
Concen: 2.11 ug/l
RT: 6.85 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VN050685.D
Acq: 16 Aug 2018 4:50

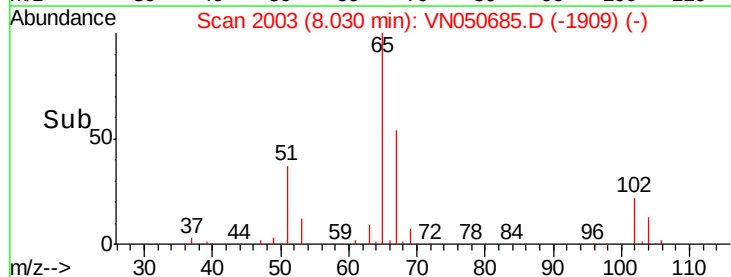
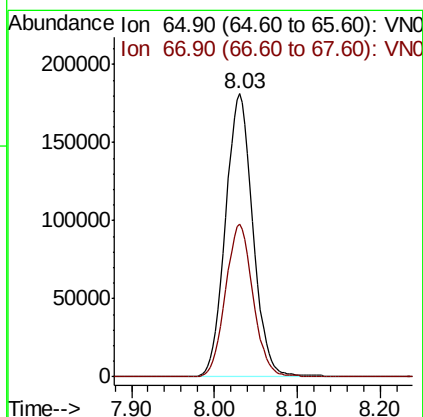
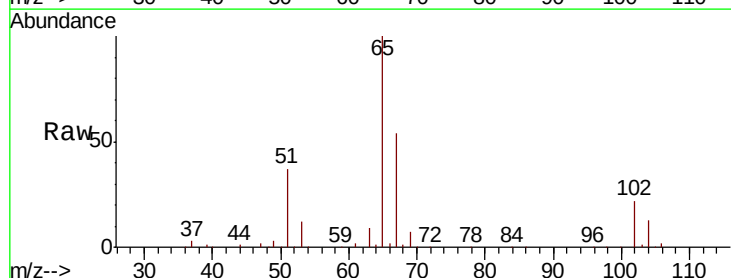
Instrument :
MSVOA_N
ClientSampleId :
TP-6

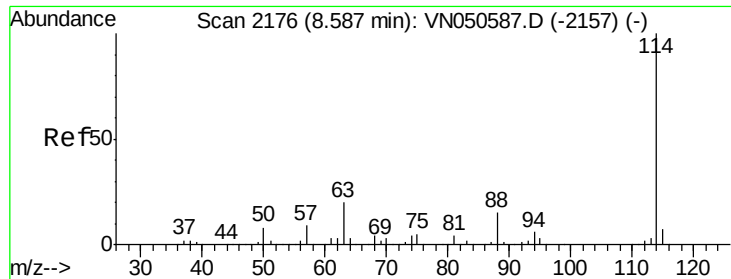
Tot Ion: 43 Resp: 6665
Ion Ratio Lower Upper
43 100
72 26.7 21.8 32.6



#33
1,2-Dichloroethane-d4
Concen: 54.28 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050685.D
Acq: 16 Aug 2018 4:50

Tgt Ion: 65 Resp: 417364
Ion Ratio Lower Upper
65 100
67 54.4 0.0 109.8

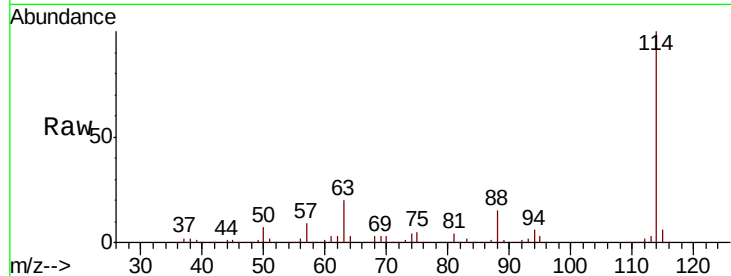




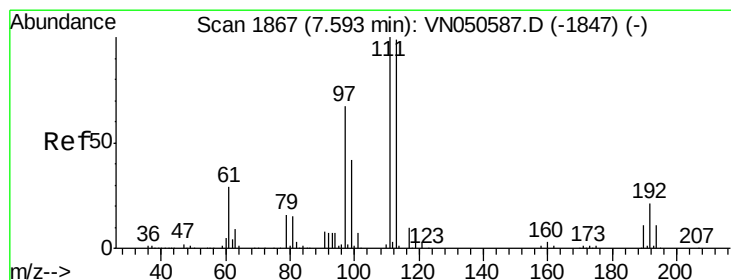
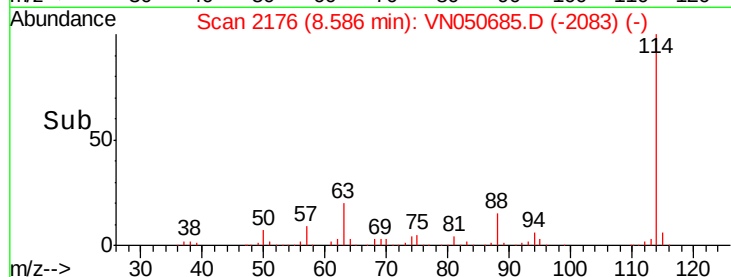
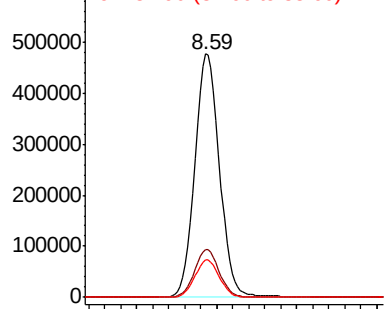
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050685.D
 Acq: 16 Aug 2018 4:50

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-6

Tot Ion:114 Resp: 1009093
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.0
 88 15.4 0.0 30.8

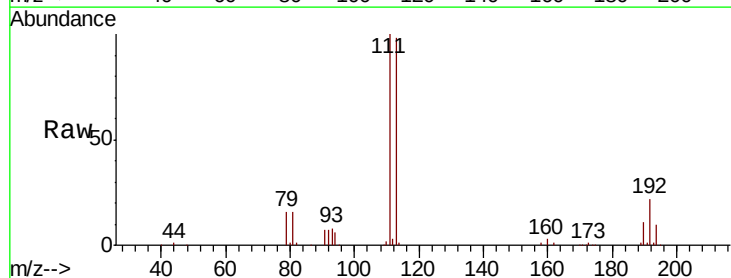


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

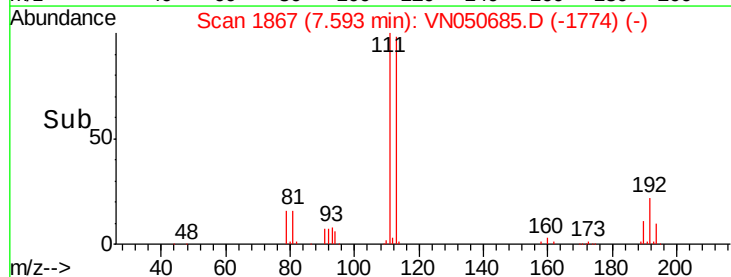
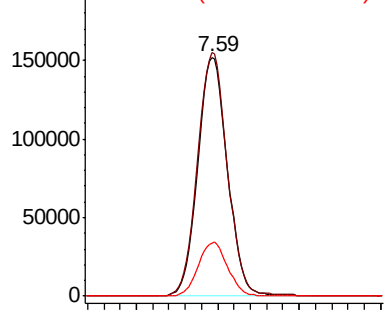


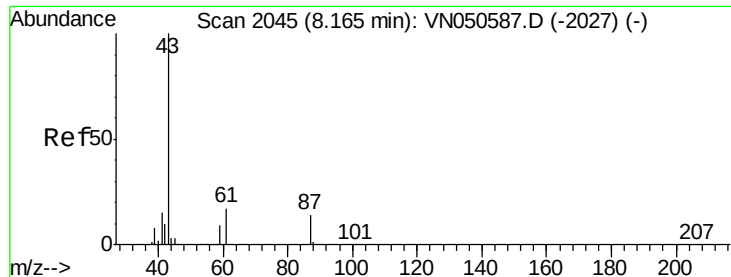
#35
 Dibromofluoromethane
 Concen: 48.23 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050685.D
 Acq: 16 Aug 2018 4:50

Tgt Ion:113 Resp: 388554
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.0 121.6
 192 22.3 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: 20.17 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050685.D

Acq: 16 Aug 2018 4:50

Instrument :

MSVOA_N

ClientSampleId :

TP-6

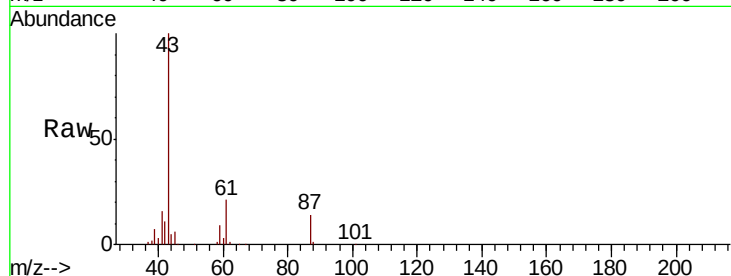
Tot Ion: 43 Resp: 233419

Ion Ratio Lower Upper

43 100

61 18.3 16.2 24.2

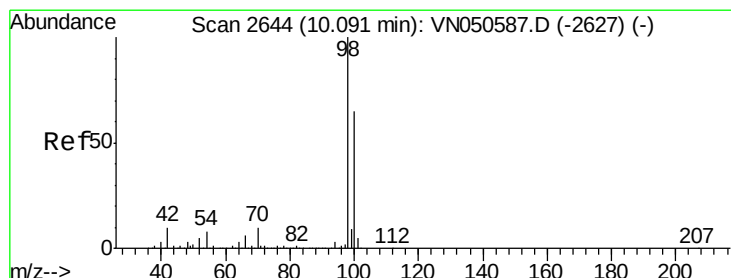
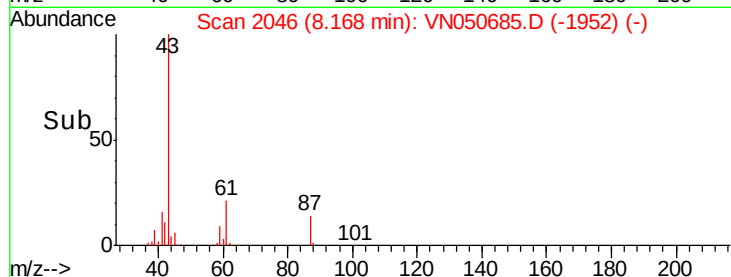
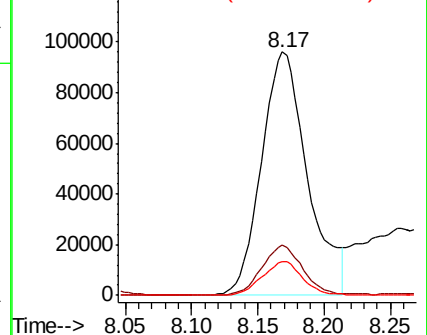
87 12.2 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VN050587.D (-2027) (-)

Ion 61.00 (60.70 to 61.70): VN050587.D (-2027) (-)

Ion 87.00 (86.70 to 87.70): VN050587.D (-2027) (-)



#50

Toluene-d8

Concen: 45.59 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050685.D

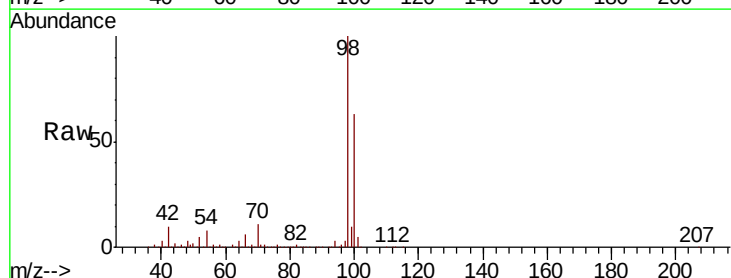
Acq: 16 Aug 2018 4:50

Tgt Ion: 98 Resp: 1382302

Ion Ratio Lower Upper

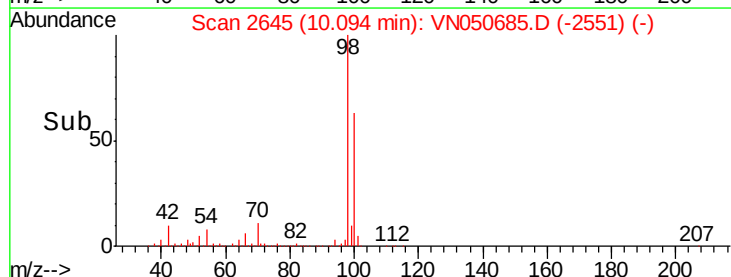
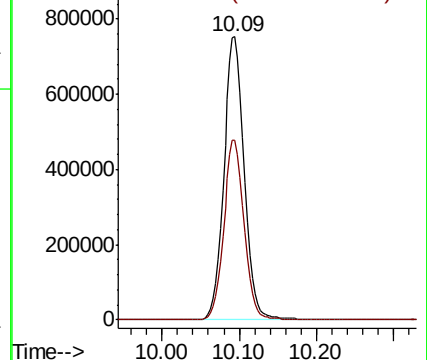
98 100

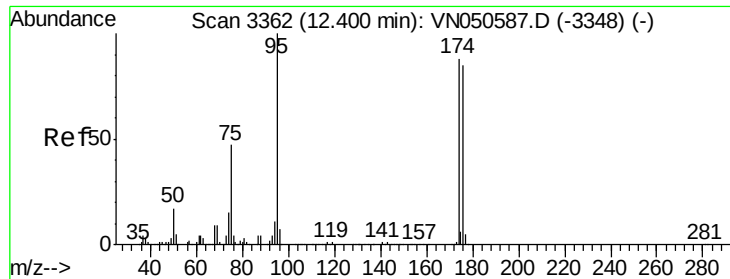
100 63.4 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN050587.D (-2627) (-)

Ion 100.00 (99.70 to 100.70): VN050587.D (-2627) (-)





#62

4-Bromofluorobenzene

Concen: 38.19 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050685.D

Acq: 16 Aug 2018 4:50

Instrument :

MSVOA_N

ClientSampleId :

TP-6

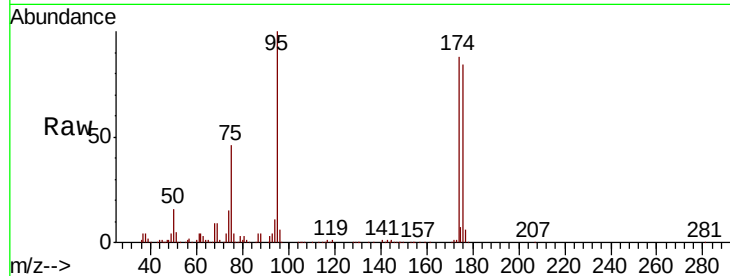
Tot Ion: 95 Resp: 382485

Ion Ratio Lower Upper

95 100

174 90.1 0.0 177.8

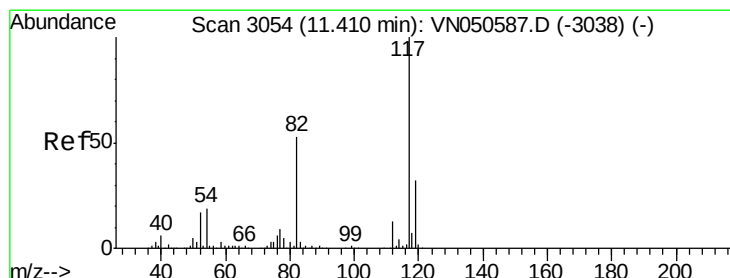
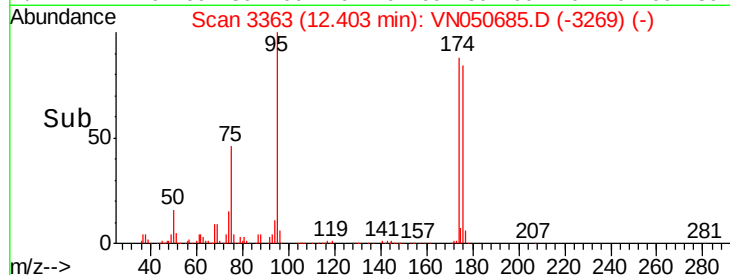
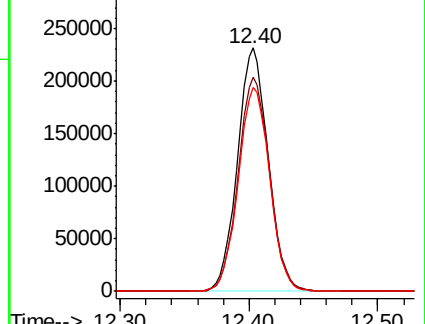
176 85.8 0.0 175.0



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: VN050685.D

Acq: 16 Aug 2018 4:50

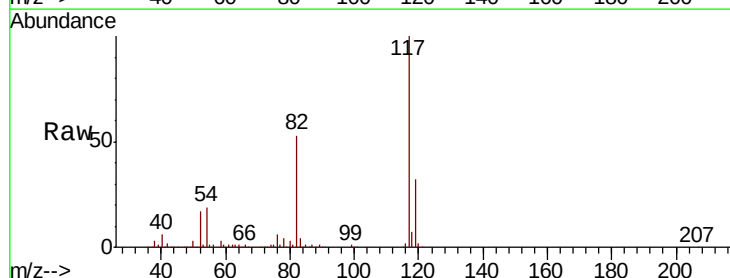
Tgt Ion: 117 Resp: 864330

Ion Ratio Lower Upper

117 100

82 53.1 42.4 63.6

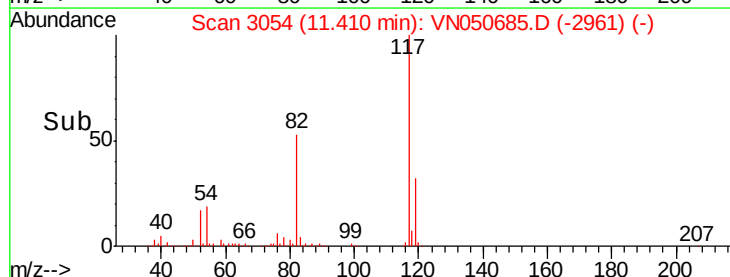
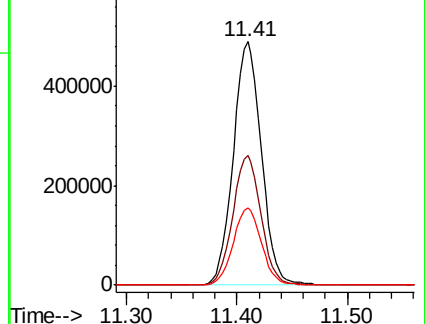
119 31.9 25.8 38.8

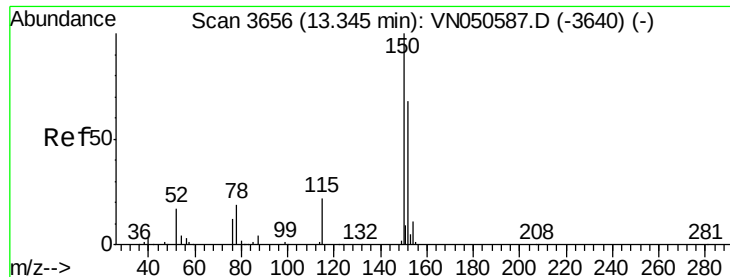


Abundance Ion 116.90 (116.60 to 117.60): VN050587.D (-3038) (-)

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: VN050685.D

Acq: 16 Aug 2018 4:50

Instrument :

MSVOA_N

ClientSampled :

TP-6

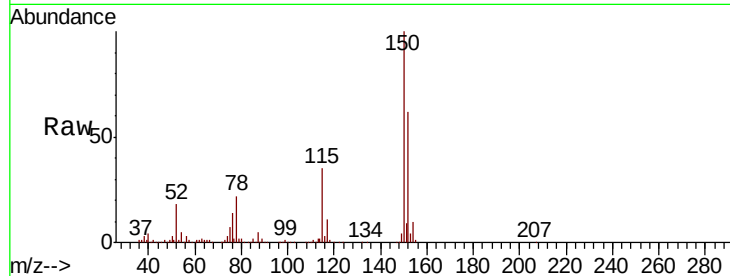
Tot Ion:152 Resp: 309247

Ion Ratio Lower Upper

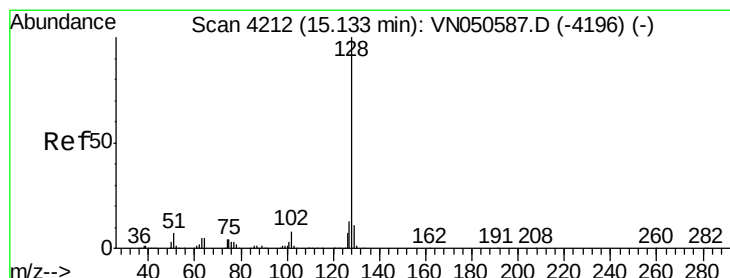
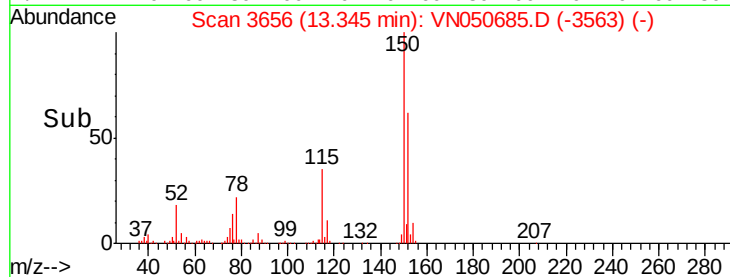
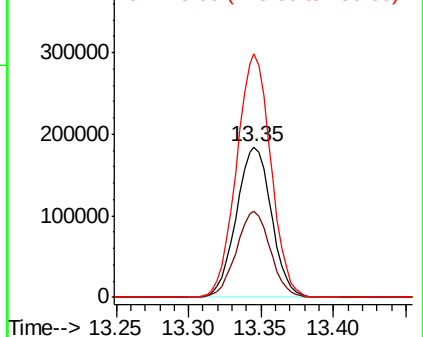
152 100

115 55.4 28.1 84.2

150 158.4 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: 5.77 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050685.D

Acq: 16 Aug 2018 4:50

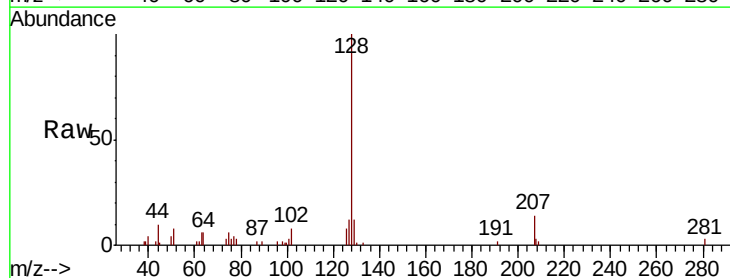
Tgt Ion:128 Resp: 24619

Ion Ratio Lower Upper

128 100

127 12.5 10.3 15.5

129 12.3 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

