

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080619\
 Data File : VN057095.D
 Acq On : 6 Aug 2019 12:01
 Operator : JC/SP
 Sample : K4131-37
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1S-E1-(30)

Quant Time: Aug 07 03:59:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 01:33:29 2019
 Response via : Initial Calibration

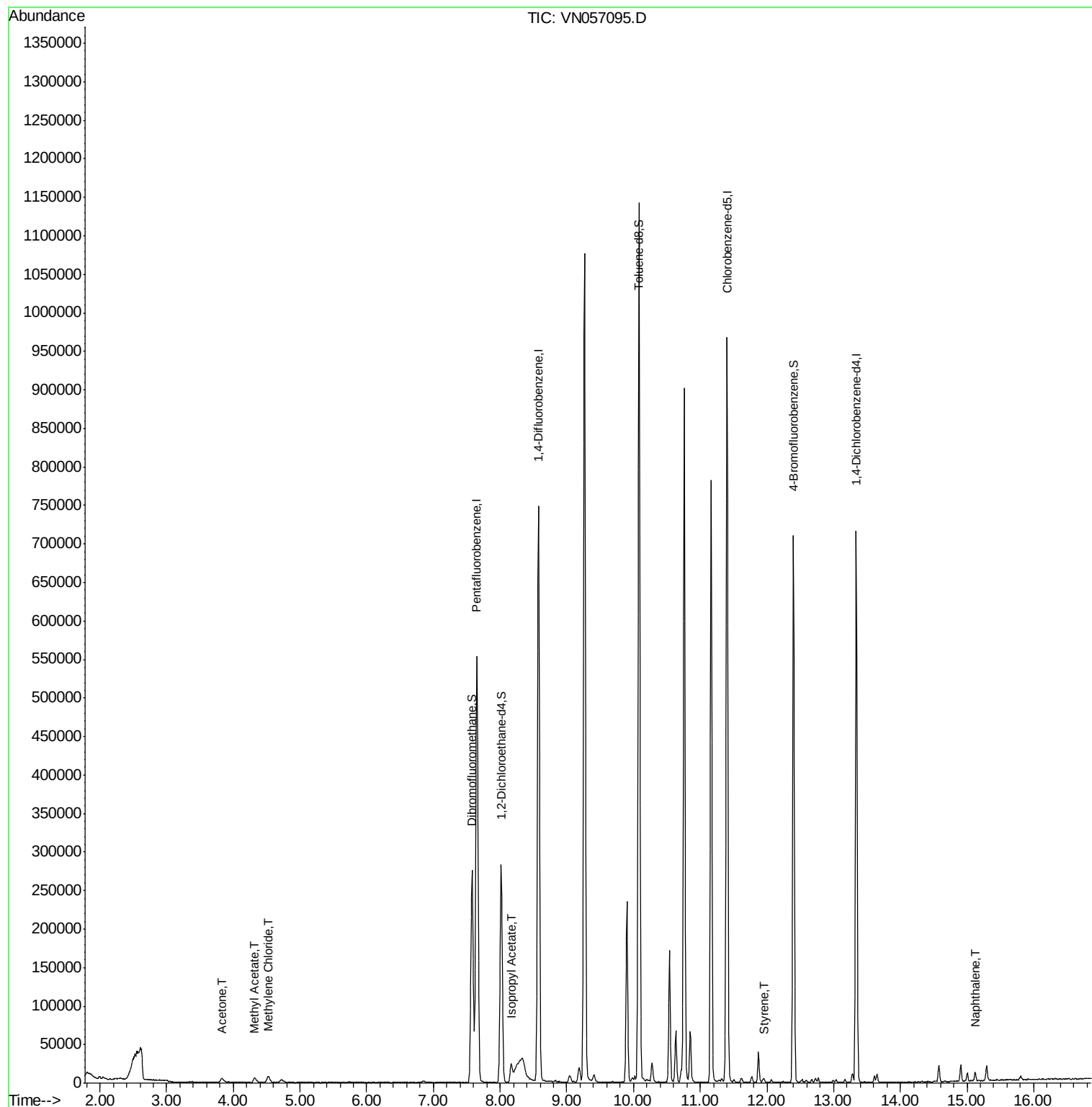
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	508899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	724715	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	605699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	211791	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	247140	47.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.88%	
35) Dibromofluoromethane	7.58	113	214663	46.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.54%	
50) Toluene-d8	10.08	98	834990	47.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.40%	
62) 4-Bromofluorobenzene	12.40	95	249073	43.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.48%	
Target Compounds						
					Qvalue	
16) Acetone	3.83	43	10778	5.711	ug/l	90
18) Methyl Acetate	4.32	43	14357	2.385	ug/l #	69
20) Methylene Chloride	4.52	84	7356	1.353	ug/l #	87
43) Isopropyl Acetate	8.16	43	30270	3.586	ug/l #	75
70) Styrene	11.96	104	2258	2.026	ug/l #	76
95) Naphthalene	15.12	128	10337	4.654	ug/l	99

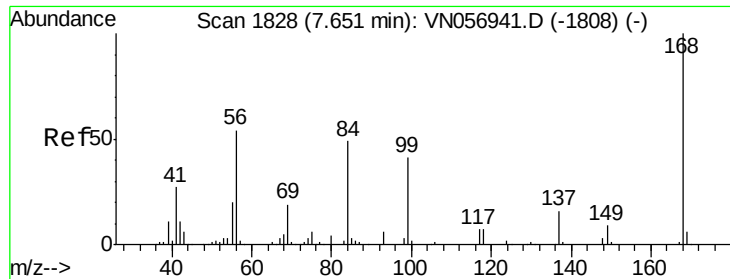
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN080619\
Data File : VN057095.D
Acq On : 6 Aug 2019 12:01
Operator : JC/SP
Sample : K4131-37
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1S-E1-(30)

Quant Time: Aug 07 03:59:20 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 01:33:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057095.D

Acq: 6 Aug 2019 12:01

Instrument :

MSVOA_N

ClientSampleId :

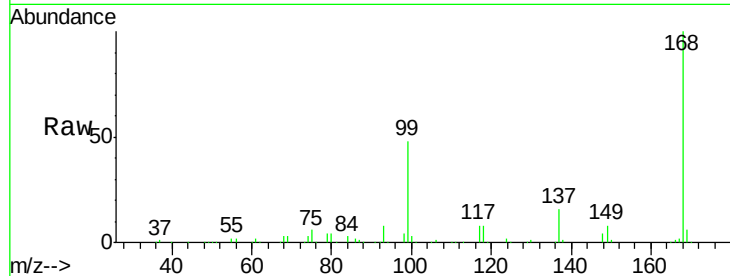
1S-E1-(30)

Tot Ion:168 Resp: 508899

Ion Ratio Lower Upper

168 100

99 48.0 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

250000

200000

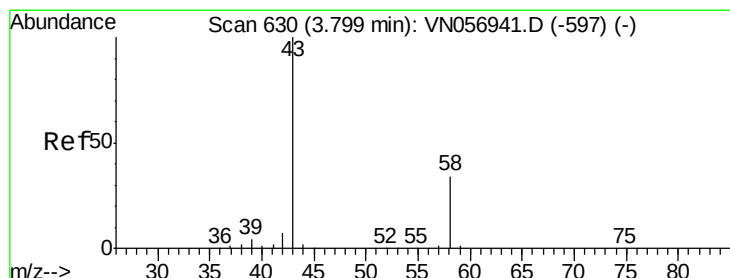
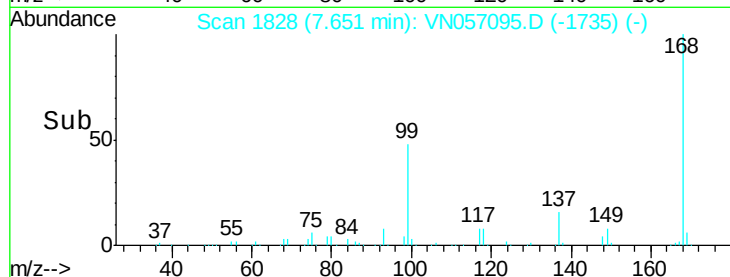
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.711 ug/l

RT: 3.83 min Scan# 630

Delta R.T. 0.03 min

Lab File: VN057095.D

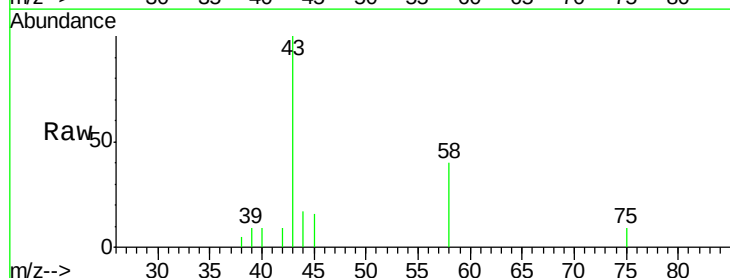
Acq: 6 Aug 2019 12:01

Tgt Ion: 43 Resp: 10778

Ion Ratio Lower Upper

43 100

58 39.6 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.83

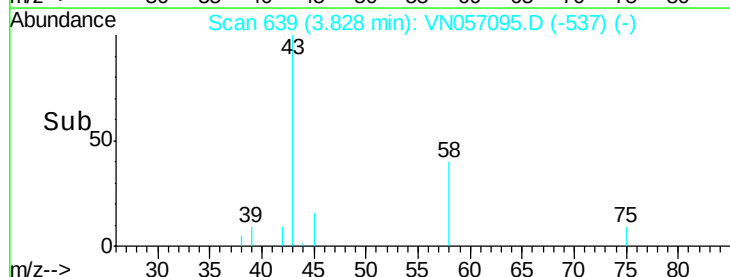
3000

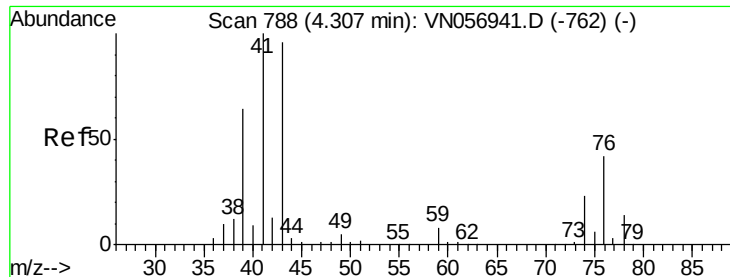
2000

1000

0

Time-->

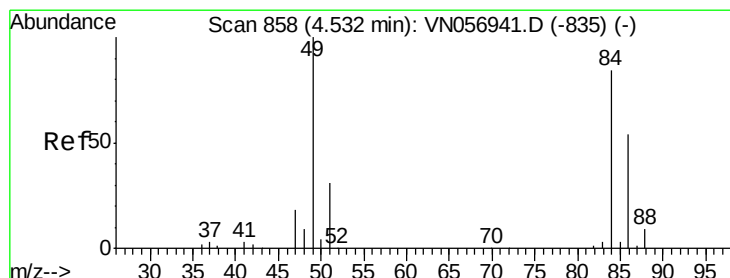
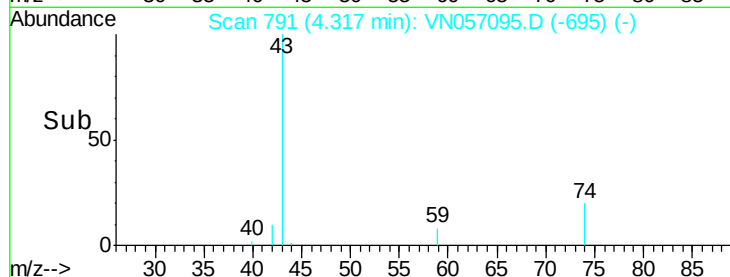
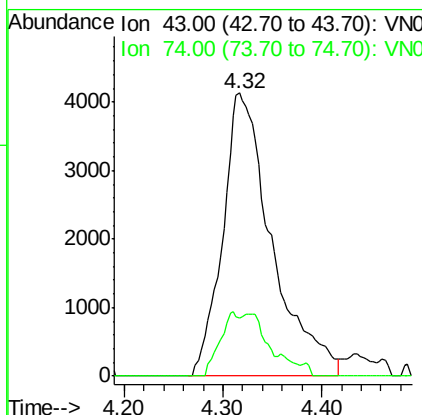
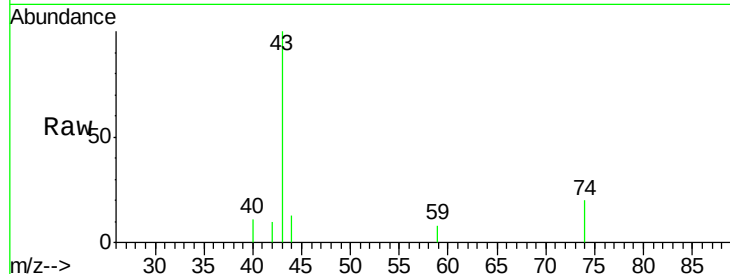




#18
Methyl Acetate
Concen: 2.385 ug/l
RT: 4.32 min Scan# 791
Delta R.T. 0.01 min
Lab File: VN057095.D
Acq: 6 Aug 2019 12:01

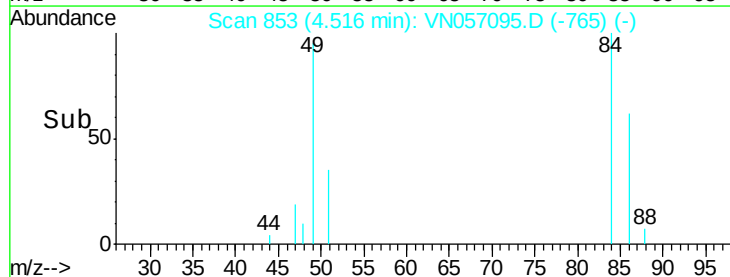
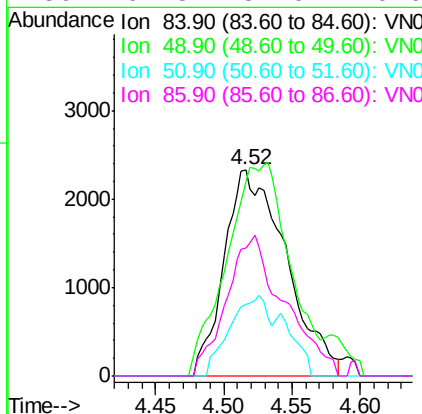
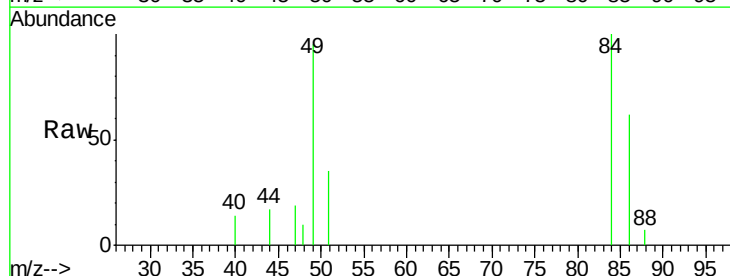
Instrument :
MSVOA_N
ClientSampled :
1S-E1-(30)

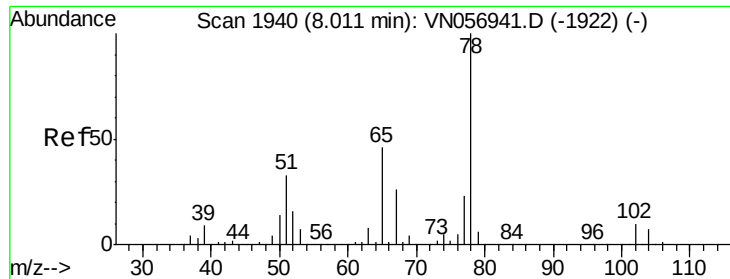
Tot Ion: 43 Resp: 14357
Ion Ratio Lower Upper
43 100
74 9.0 19.7 29.5#



#20
Methylene Chloride
Concen: 1.353 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.02 min
Lab File: VN057095.D
Acq: 6 Aug 2019 12:01

Tgt Ion: 84 Resp: 7356
Ion Ratio Lower Upper
84 100
49 94.5 95.2 142.8#
51 35.0 29.7 44.5
86 61.8 51.0 76.6

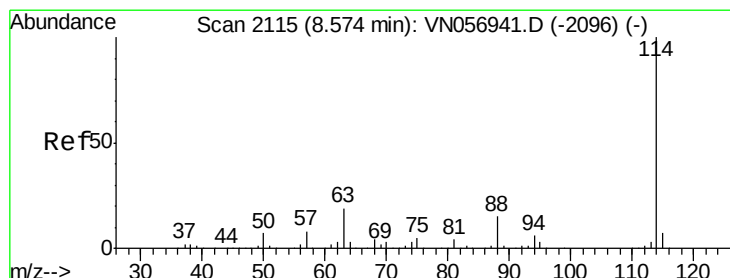
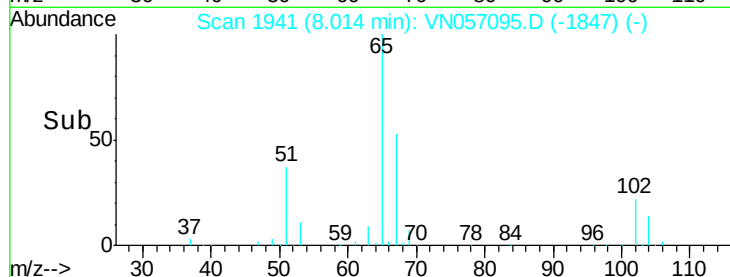
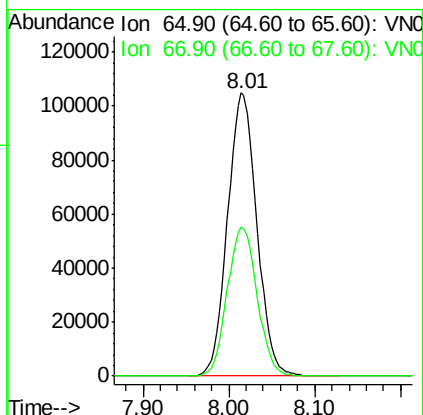
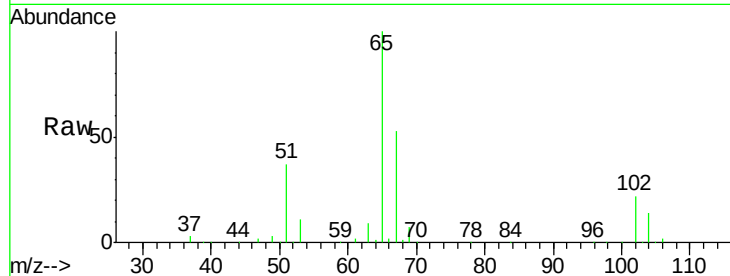




#33
 1,2-Dichloroethane-d4
 Concen: 47.442 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057095.D
 Acq: 6 Aug 2019 12:01

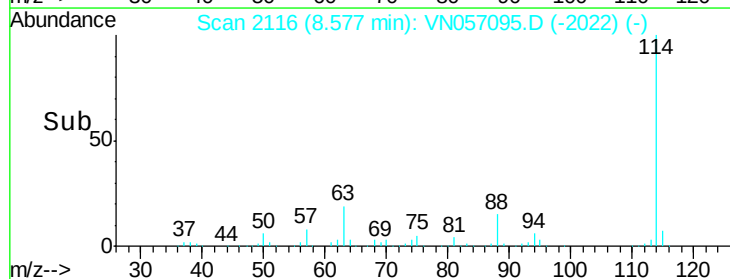
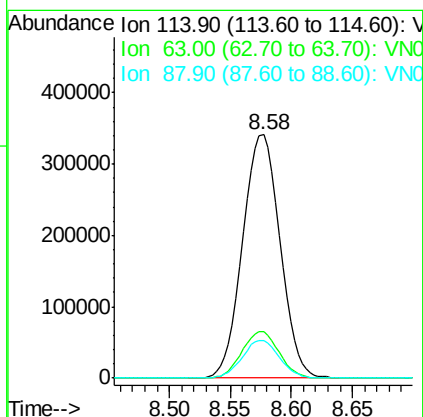
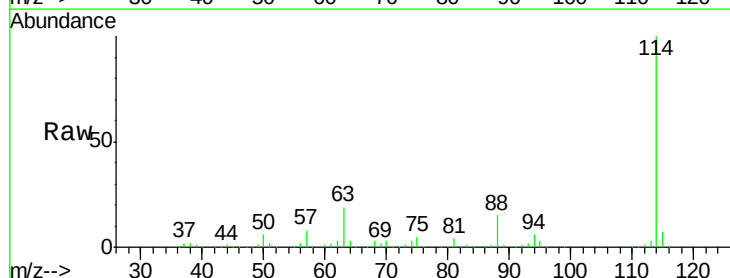
Instrument :
 MSVOA_N
 ClientSampleId :
 1S-E1-(30)

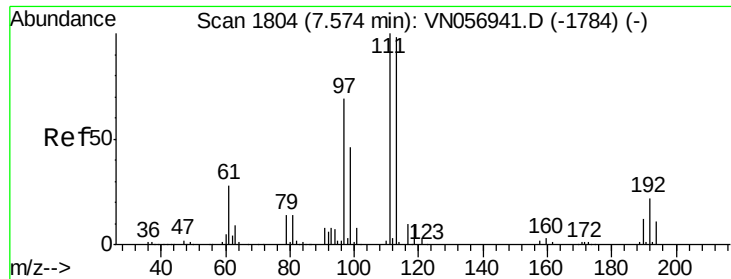
Tot Ion: 65 Resp: 247140
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057095.D
 Acq: 6 Aug 2019 12:01

Tgt Ion: 114 Resp: 724715
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.0
 88 15.5 0.0 30.0

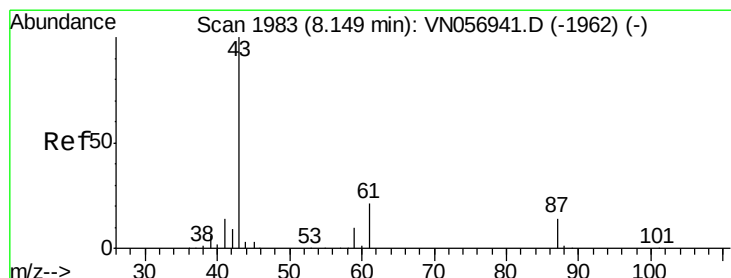
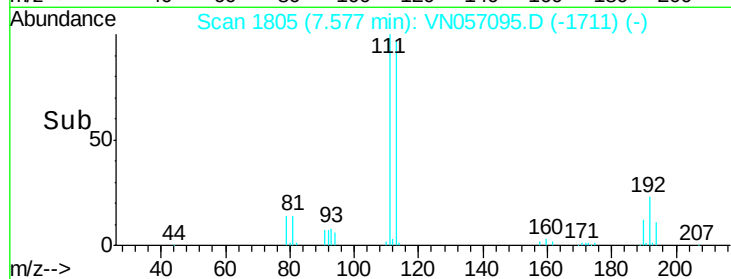
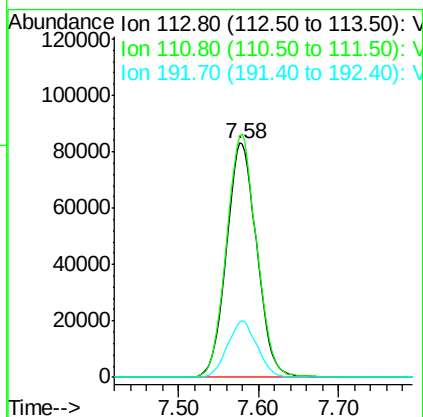
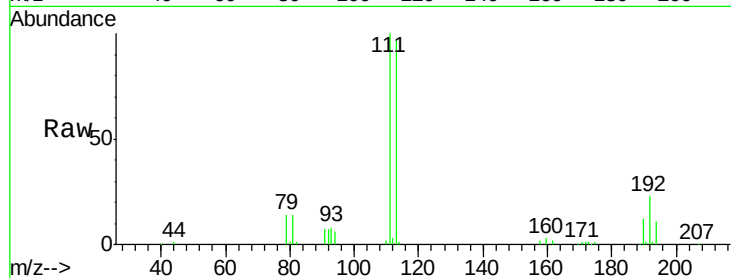




#35
 Dibromofluoromethane
 Concen: 46.270 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057095.D
 Acq: 6 Aug 2019 12:01

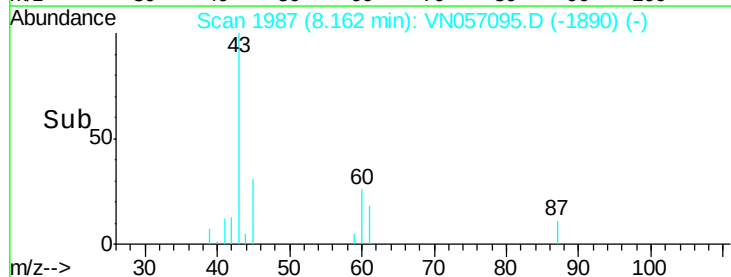
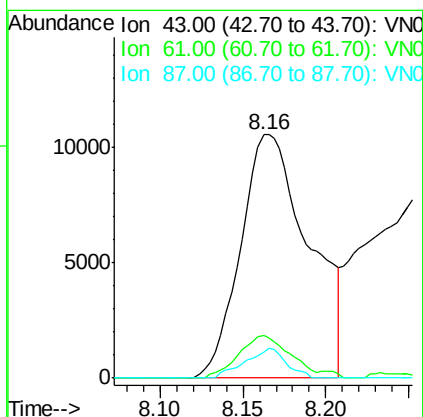
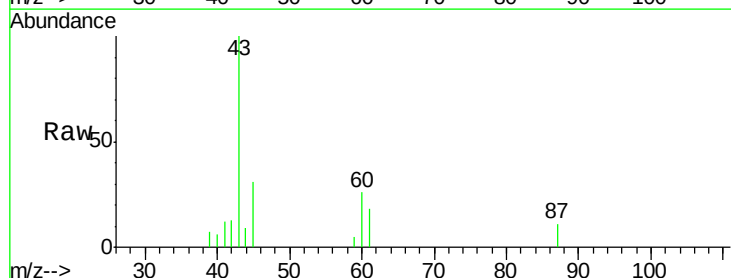
Instrument :
 MSVOA_N
 ClientSampleId :
 1S-E1-(30)

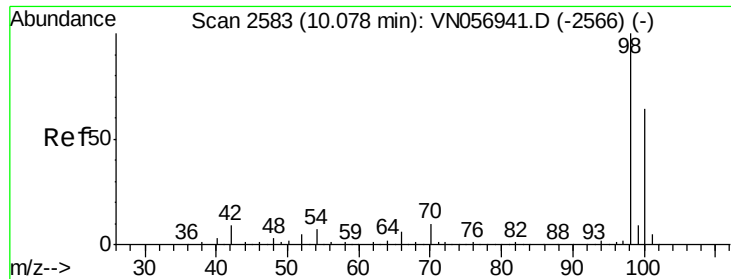
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.0	123.0
192	23.6	18.4	27.6



#43
 Isopropyl Acetate
 Concen: 3.586 ug/l
 RT: 8.16 min Scan# 1987
 Delta R.T. 0.01 min
 Lab File: VN057095.D
 Acq: 6 Aug 2019 12:01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.8	23.0	34.6#
87	7.3	11.7	17.5#

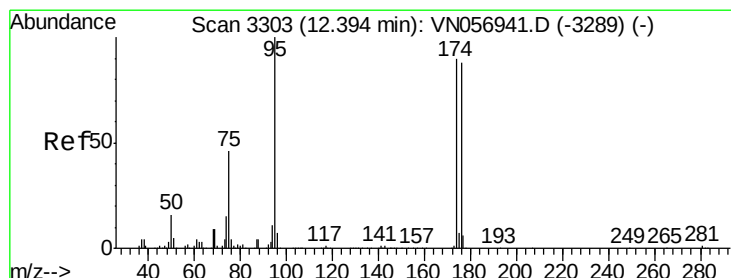
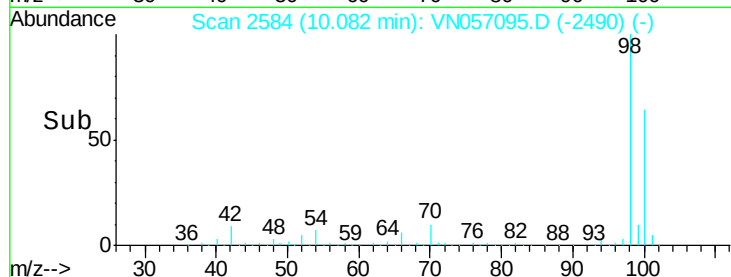
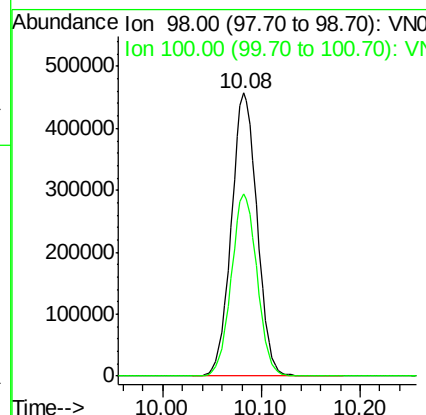
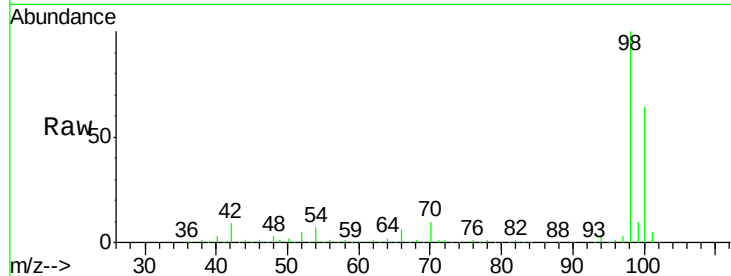




#50
Toluene-d8
Concen: 47.195 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN057095.D
Acq: 6 Aug 2019 12:01

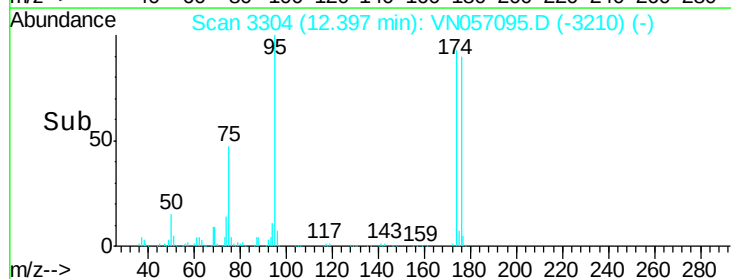
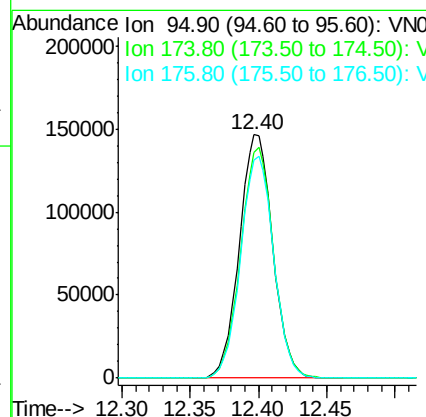
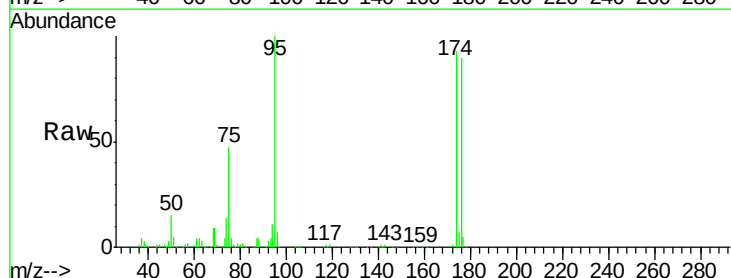
Instrument :
MSVOA_N
ClientSampled :
1S-E1-(30)

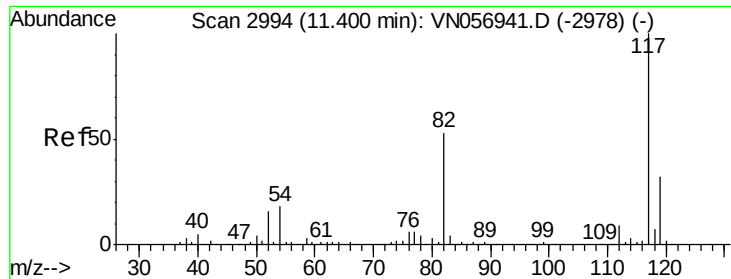
Tot Ion: 98 Resp: 834990
Ion Ratio Lower Upper
98 100
100 64.4 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 43.245 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN057095.D
Acq: 6 Aug 2019 12:01

Tgt Ion: 95 Resp: 249073
Ion Ratio Lower Upper
95 100
174 93.3 0.0 182.2
176 90.3 0.0 179.4

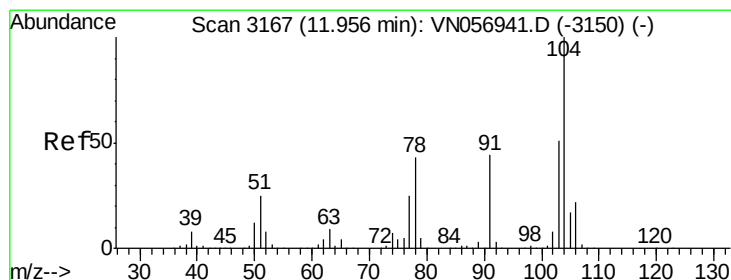
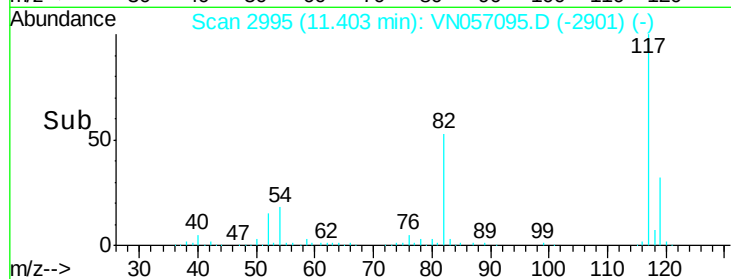
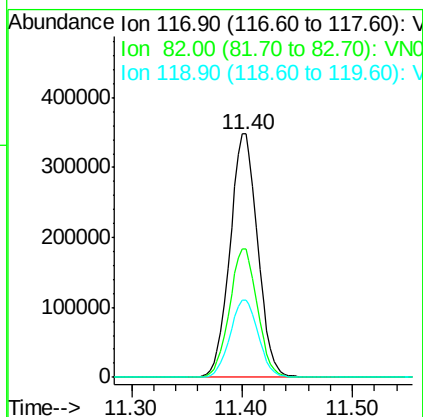
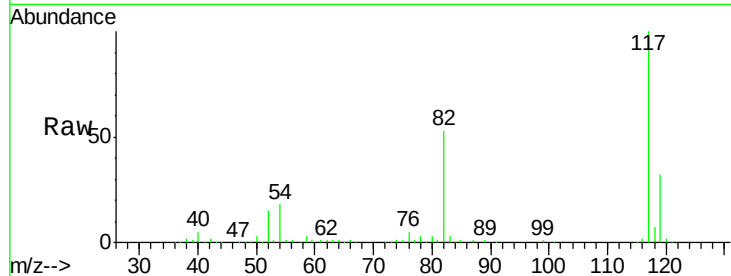




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN057095.D
Acq: 6 Aug 2019 12:01

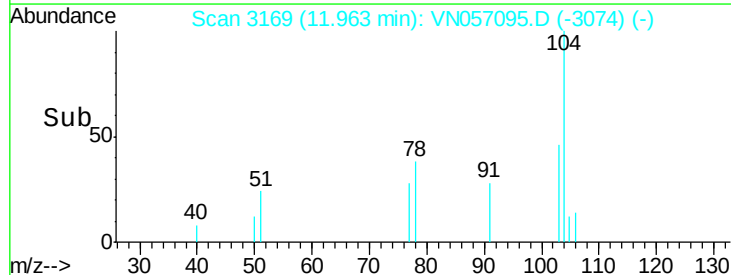
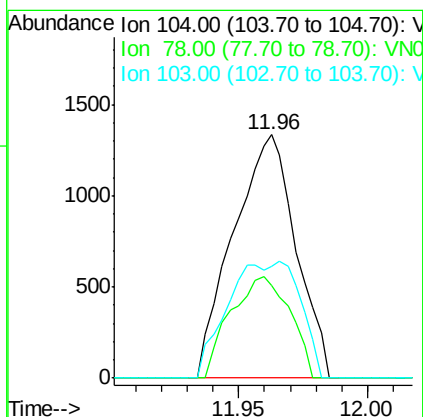
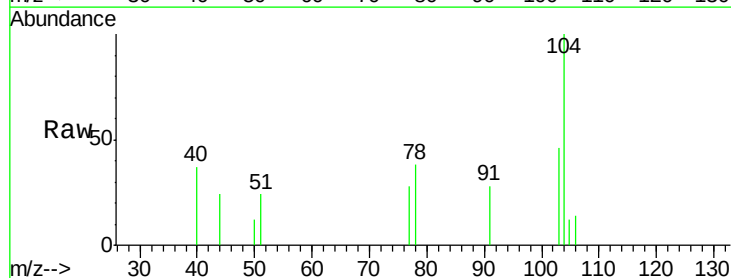
Instrument :
MSVOA_N
ClientSampleId :
1S-E1-(30)

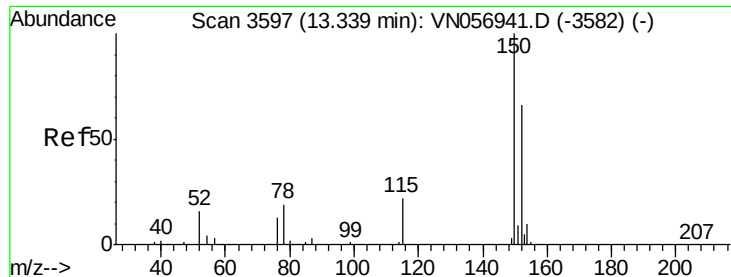
Tot Ion:117 Resp: 605699
Ion Ratio Lower Upper
117 100
82 52.6 42.2 63.4
119 32.0 25.8 38.6



#70
Styrene
Concen: 2.026 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.01 min
Lab File: VN057095.D
Acq: 6 Aug 2019 12:01

Tgt Ion:104 Resp: 2258
Ion Ratio Lower Upper
104 100
78 39.5 38.1 57.1
103 30.2 44.3 66.5#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN057095.D

Acq: 6 Aug 2019 12:01

Instrument :

MSVOA_N

ClientSampleId :

1S-E1-(30)

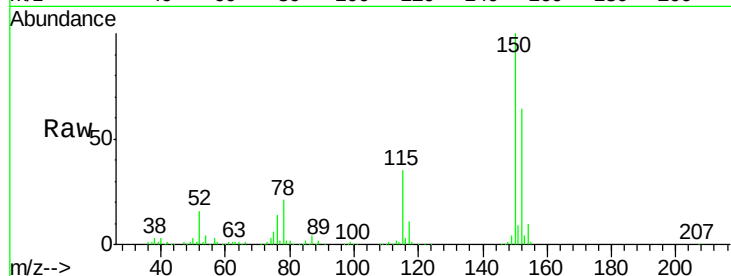
Tot Ion:152 Resp: 211791

Ion Ratio Lower Upper

152 100

115 56.2 28.2 84.6

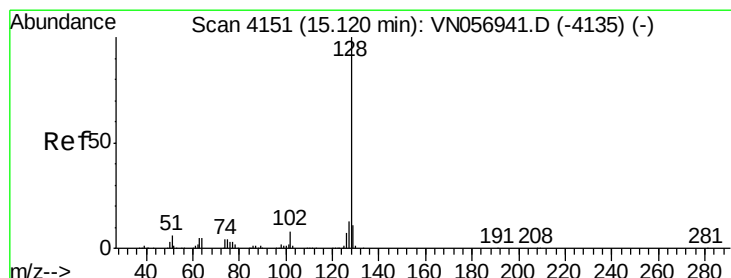
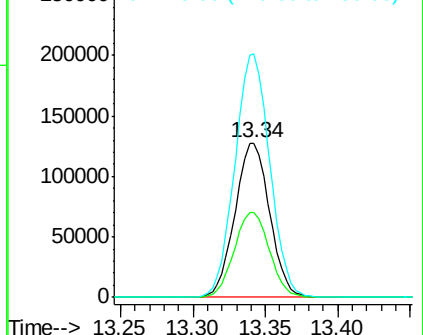
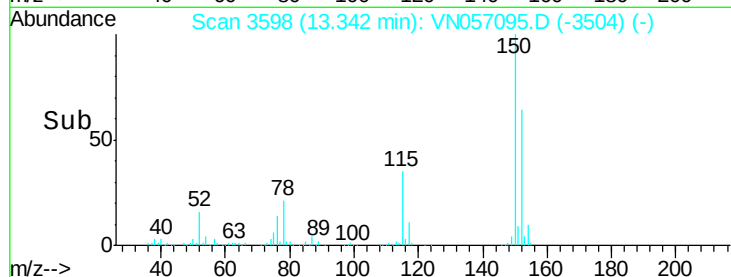
150 159.2 0.0 349.4



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: 4.654 ug/l

RT: 15.12 min Scan# 4152

Delta R.T. 0.00 min

Lab File: VN057095.D

Acq: 6 Aug 2019 12:01

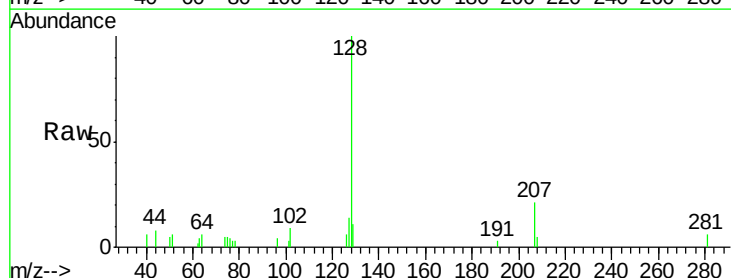
Tgt Ion:128 Resp: 10337

Ion Ratio Lower Upper

128 100

127 12.4 10.0 15.0

129 10.1 8.7 13.1



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

