

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111419\
 Data File : VN059244.D
 Acq On : 14 Nov 2019 19:02
 Operator : JC/SP
 Sample : K5563-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Quant Time: Nov 15 08:16:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

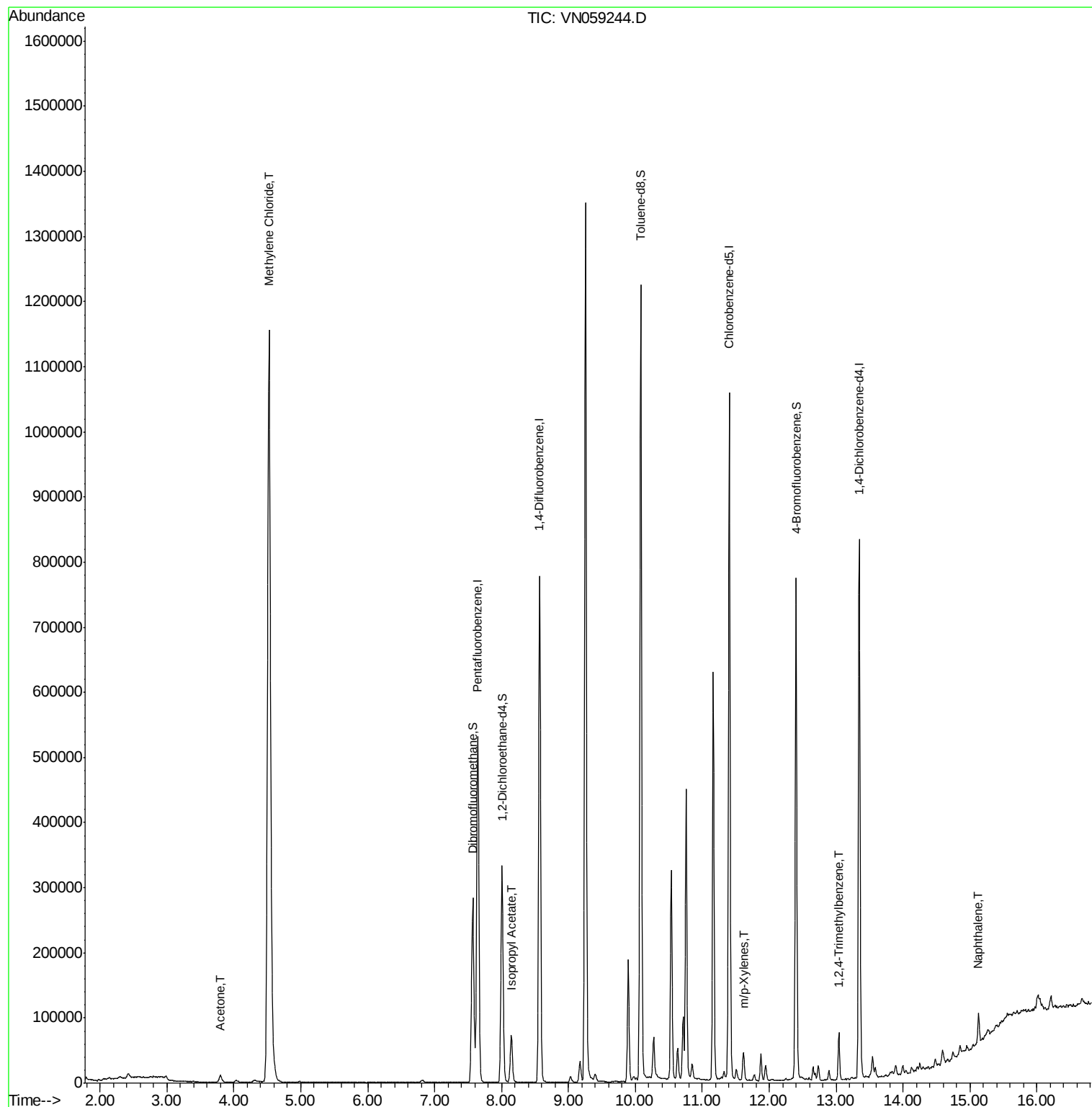
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	452127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	692157	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	609741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	228478	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	279252	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
35) Dibromofluoromethane	7.57	113	217625	52.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.32%	
50) Toluene-d8	10.08	98	860687	52.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.74%	
62) 4-Bromofluorobenzene	12.40	95	275918	47.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.02%	
Target Compounds						
16) Acetone	3.80	43	17180	5.944	ug/l	96
20) Methylene Chloride	4.53	84	920292	182.775	ug/l	100
43) Isopropyl Acetate	8.15	43	86906	7.574	ug/l #	90
68) m/p-Xylenes	11.61	106	13698	1.734	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	41214	3.025	ug/l	99
95) Naphthalene	15.13	128	38566	6.104	ug/l	99

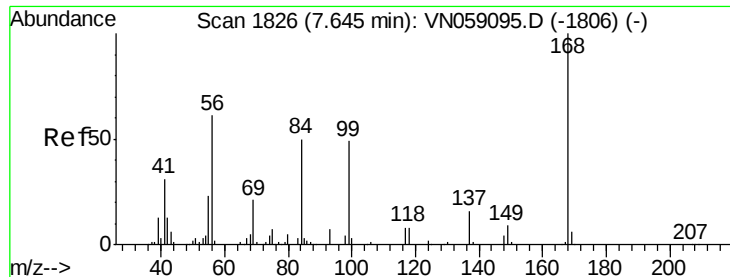
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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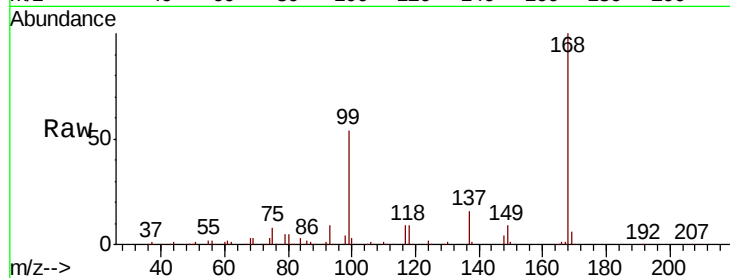




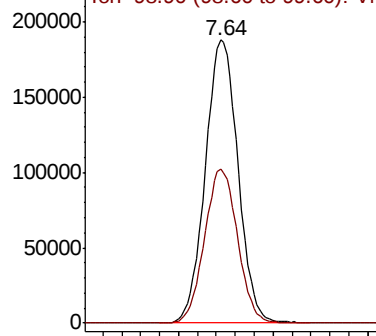
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN059244.D
Acq: 14 Nov 2019 19:02

Instrument :
MSVOA_N
ClientSampled :
TP-1

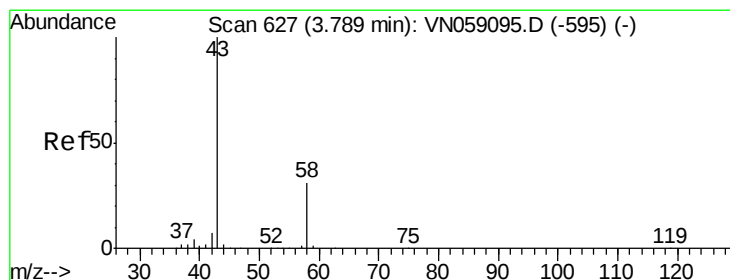
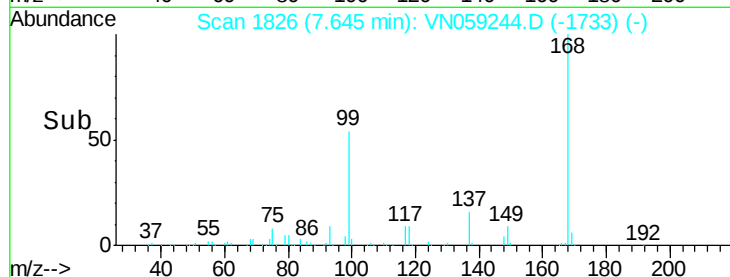
Tot Ion:168 Resp: 452127
Ion Ratio Lower Upper
168 100
99 54.4 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VN0

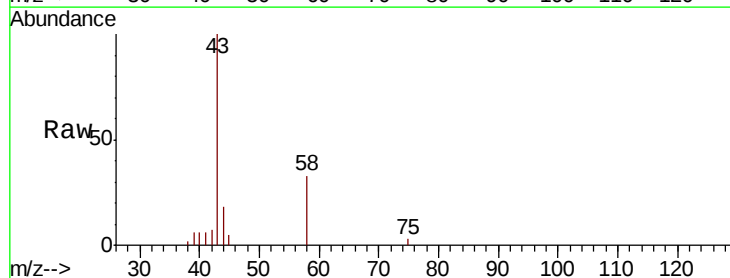


Time-->

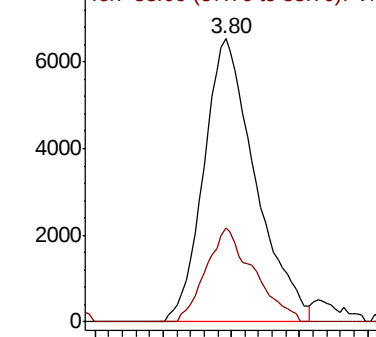


#16
Acetone
Concen: 5.944 ug/l
RT: 3.80 min Scan# 629
Delta R.T. 0.01 min
Lab File: VN059244.D
Acq: 14 Nov 2019 19:02

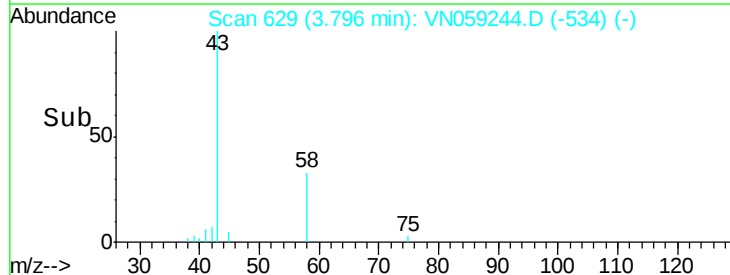
Tgt Ion: 43 Resp: 17180
Ion Ratio Lower Upper
43 100
58 33.1 24.9 37.3

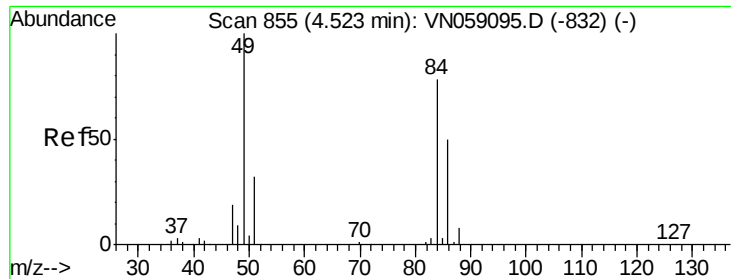


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0



Time-->



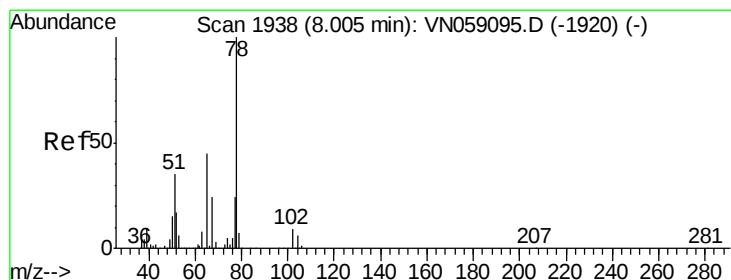
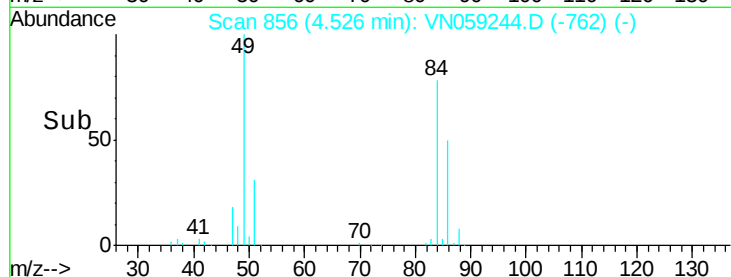
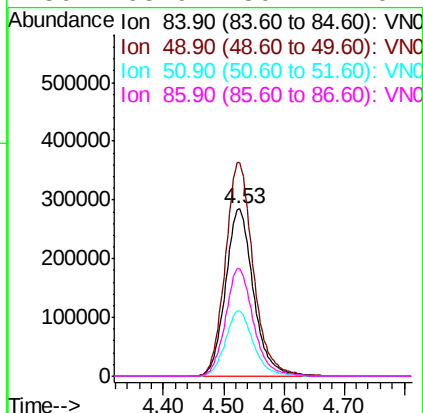
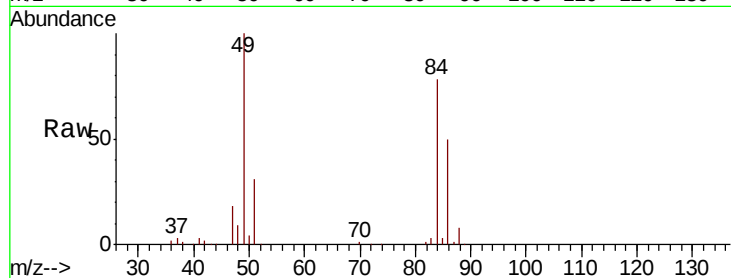


#20
Methvlene Chloride
Concen: 182.775 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059244.D
Acq: 14 Nov 2019 19:02

Instrument :
MSVOA_N
ClientSampled :
TP-1

Tot Ion: 84 Resp: 920292

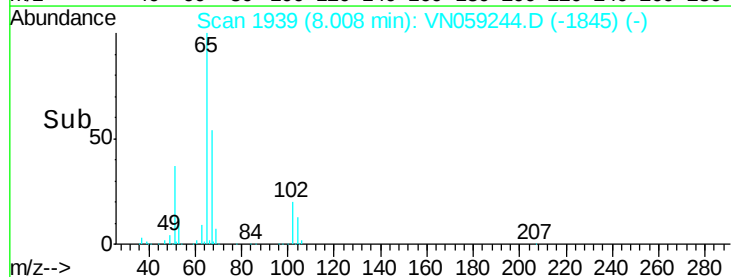
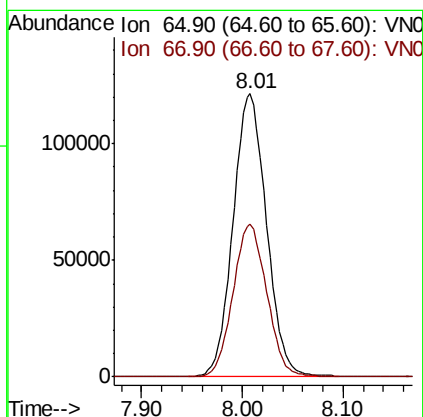
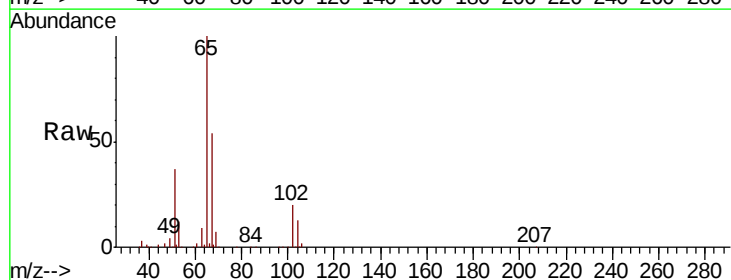
Ion	Ratio	Lower	Upper
84	100		
49	127.5	102.0	153.0
51	39.1	32.2	48.2
86	63.9	50.7	76.1

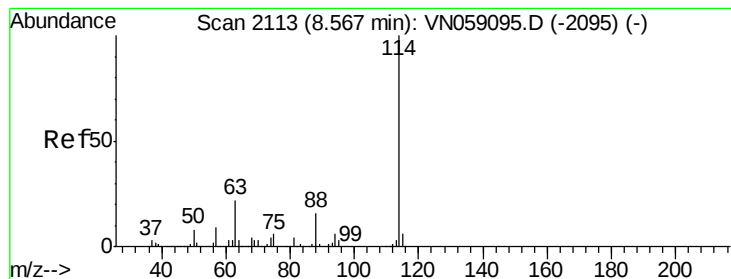


#33
1,2-Dichloroethane-d4
Concen: 50.245 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. 0.00 min
Lab File: VN059244.D
Acq: 14 Nov 2019 19:02

Tgt Ion: 65 Resp: 279252

Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VN059244.D

Acq: 14 Nov 2019 19:02

Instrument :

MSVOA_N

ClientSampleId :

TP-1

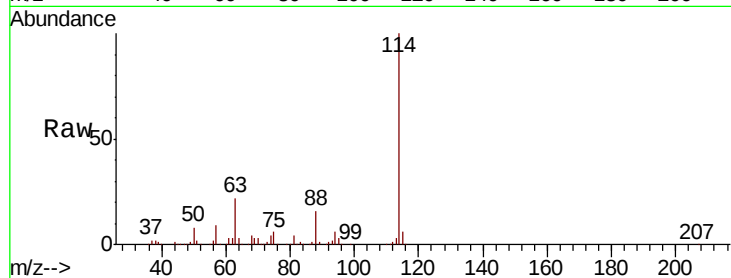
Tot Ion:114 Resp: 692157

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.4

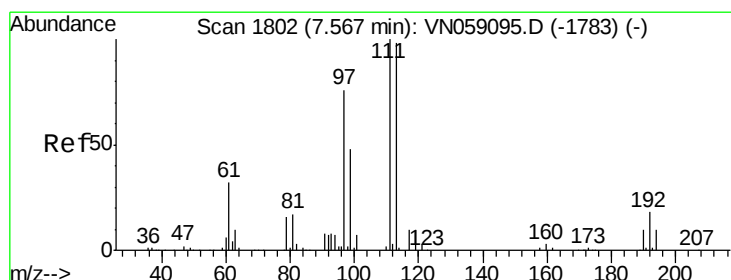
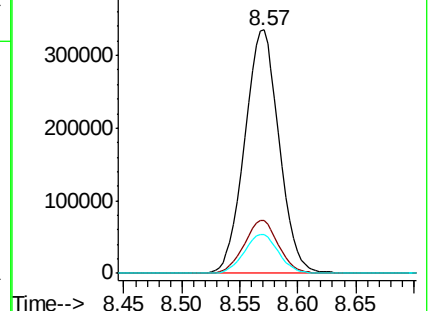
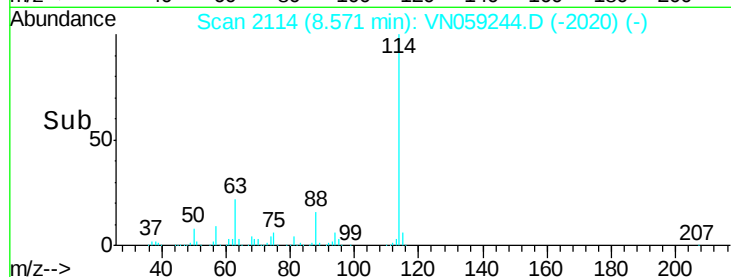
88 16.0 0.0 32.2



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: 52.657 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN059244.D

Acq: 14 Nov 2019 19:02

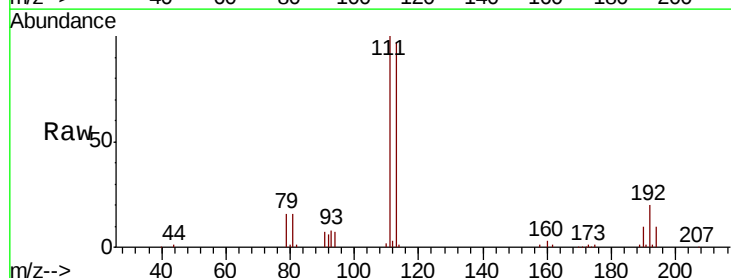
Tgt Ion:113 Resp: 217625

Ion Ratio Lower Upper

113 100

111 103.1 82.8 124.2

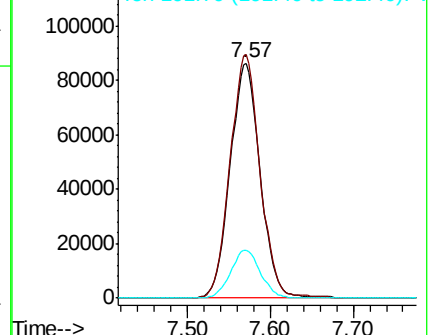
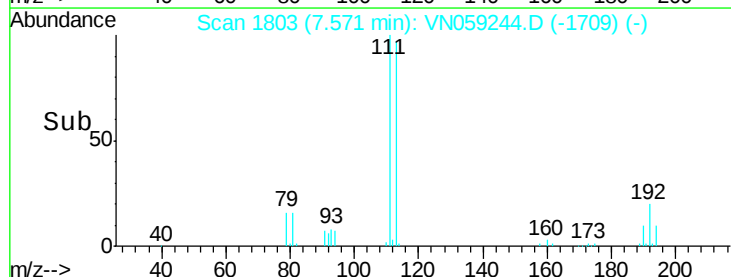
192 20.2 16.1 24.1

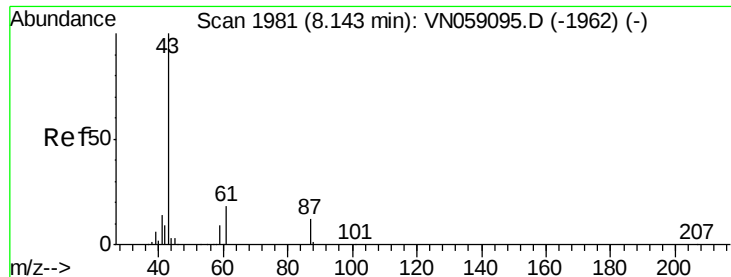


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 7.574 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059244.D

Acq: 14 Nov 2019 19:02

Instrument :

MSVOA_N

ClientSampled :

TP-1

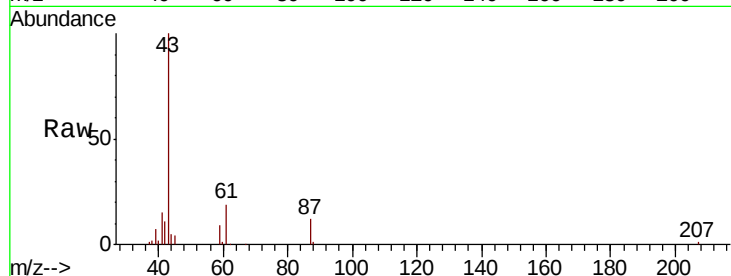
Tot Ion: 43 Resp: 86906

Ion Ratio Lower Upper

43 100

61 19.3 21.0 31.6#

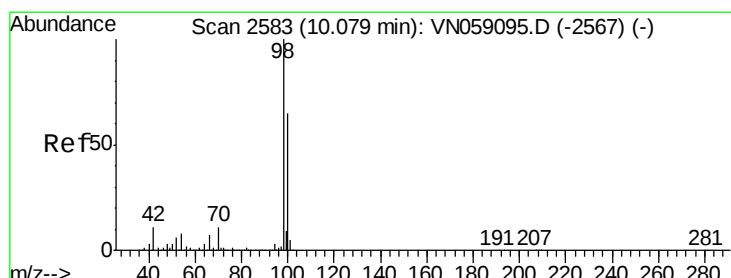
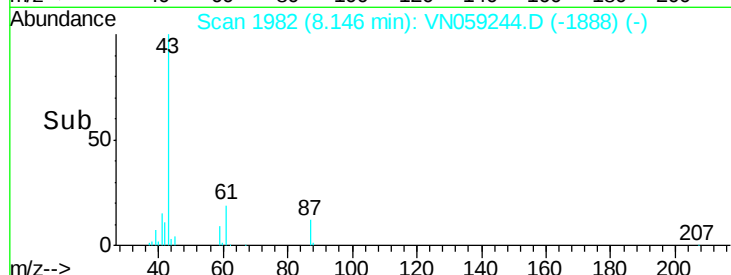
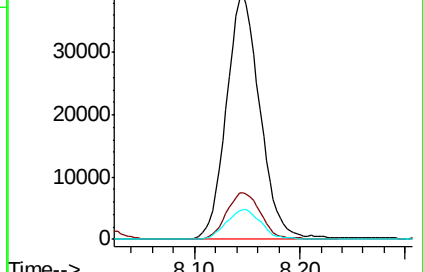
87 12.5 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN059244.D (-1888) (-)

Ion 61.00 (60.70 to 61.70): VN059244.D (-1888) (-)

Ion 87.00 (86.70 to 87.70): VN059244.D (-1888) (-)



#50

Toluene-d8

Concen: 52.871 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059244.D

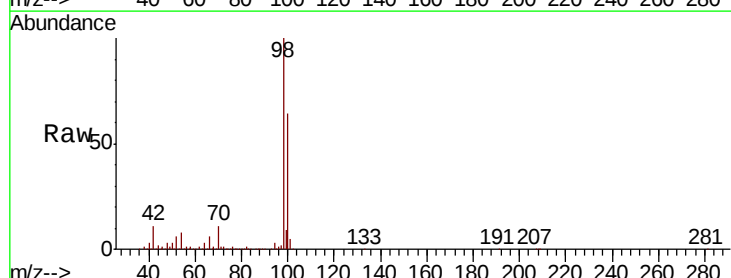
Acq: 14 Nov 2019 19:02

Tgt Ion: 98 Resp: 860687

Ion Ratio Lower Upper

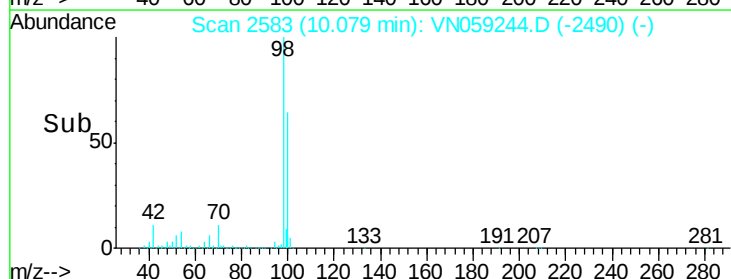
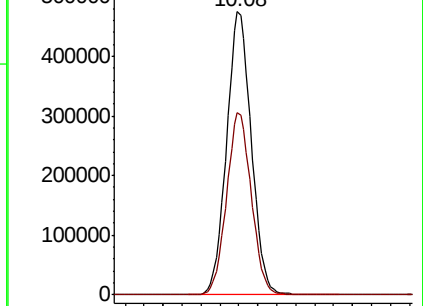
98 100

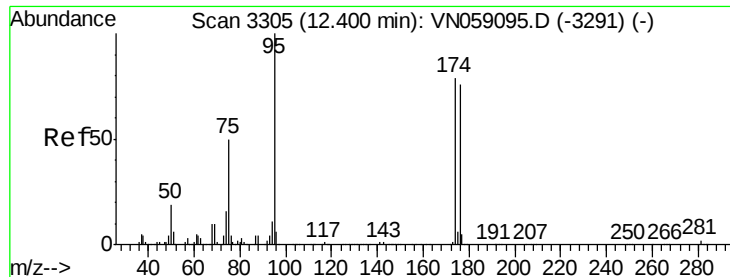
100 64.6 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN059244.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN059244.D (-2490) (-)





#62

4-Bromofluorobenzene

Concen: 47.008 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059244.D

Acq: 14 Nov 2019 19:02

Instrument :

MSVOA_N

ClientSampleId :

TP-1

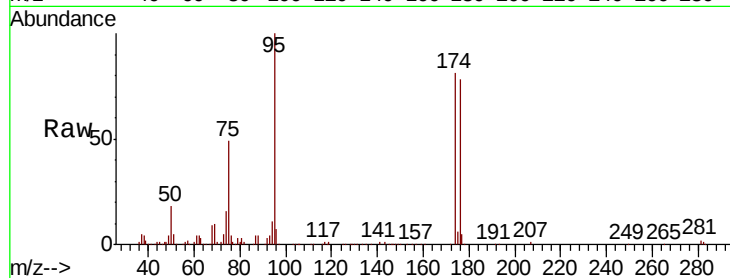
Tot Ion: 95 Resp: 275918

Ion Ratio Lower Upper

95 100

174 80.0 0.0 158.2

176 76.9 0.0 151.8

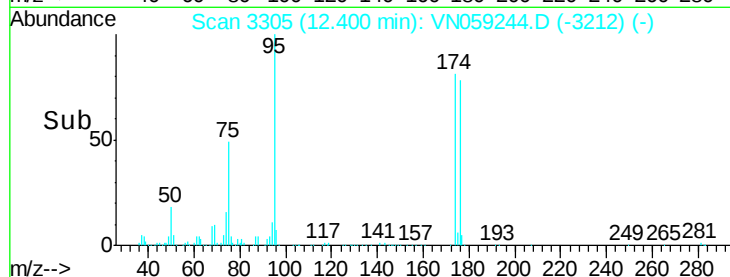


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0

Time--> 12.30 12.40 12.50

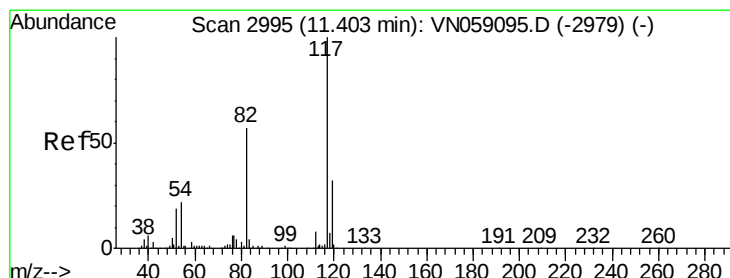


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059244.D

Acq: 14 Nov 2019 19:02

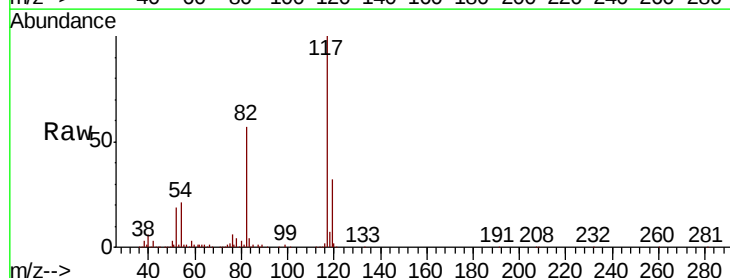
Tgt Ion: 117 Resp: 609741

Ion Ratio Lower Upper

117 100

82 57.4 45.8 68.8

119 32.3 25.8 38.6

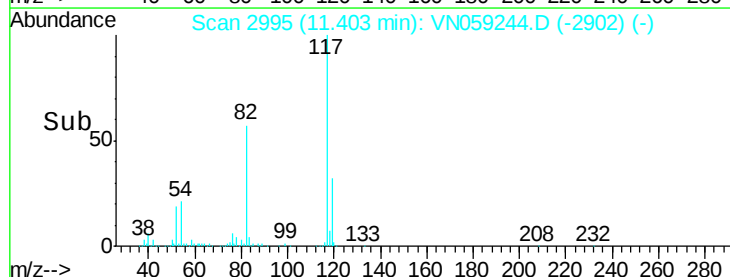


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

Time--> 11.30 11.40 11.50

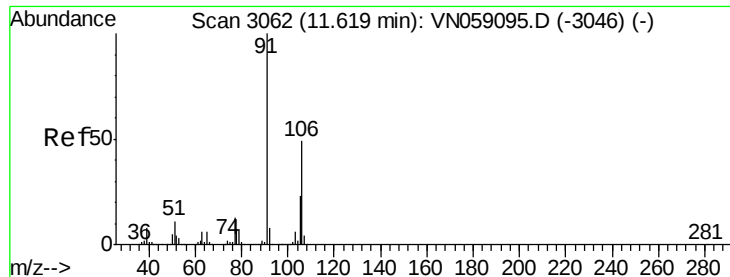


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

Time--> 11.30 11.40 11.50



#68

m/p-Xvlenes

Concen: 1.734 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.01 min

Lab File: VN059244.D

Acq: 14 Nov 2019 19:02

Instrument :

MSVOA_N

ClientSampleId :

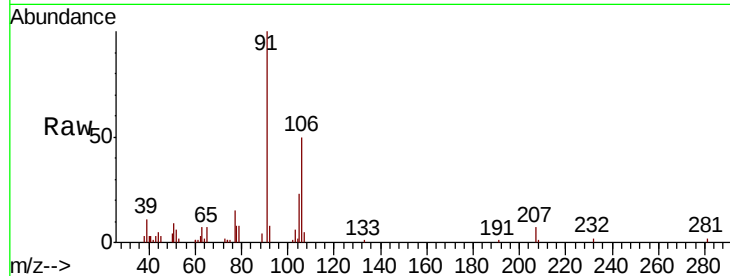
TP-1

Tot Ion:106 Resp: 13698

Ion Ratio Lower Upper

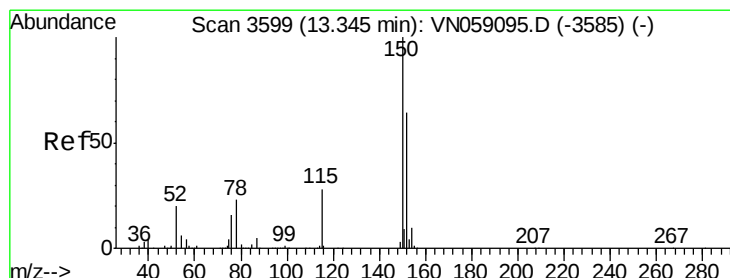
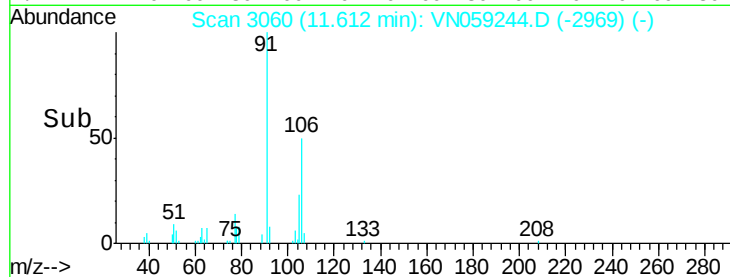
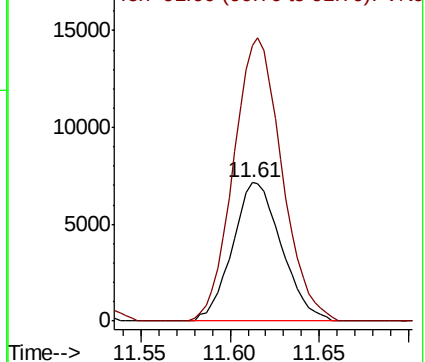
106 100

91 201.8 164.7 247.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059244.D

Acq: 14 Nov 2019 19:02

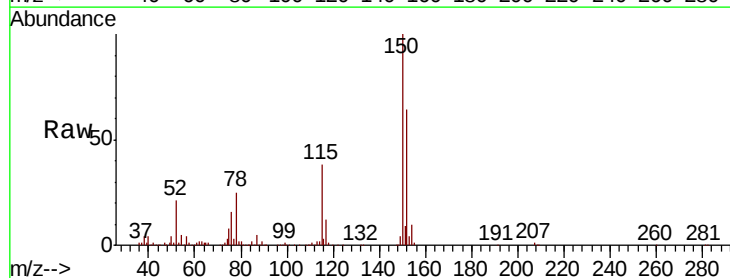
Tgt Ion:152 Resp: 228478

Ion Ratio Lower Upper

152 100

115 59.6 29.4 88.2

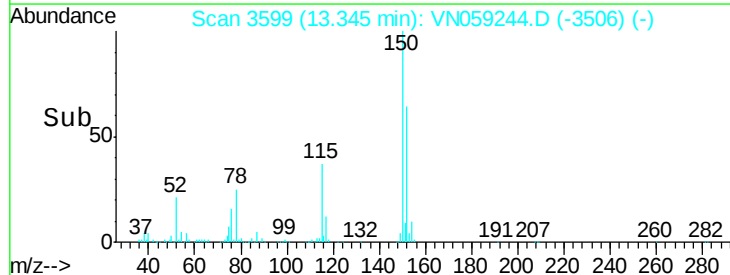
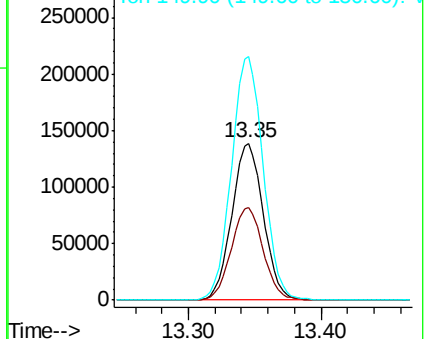
150 156.5 0.0 345.8

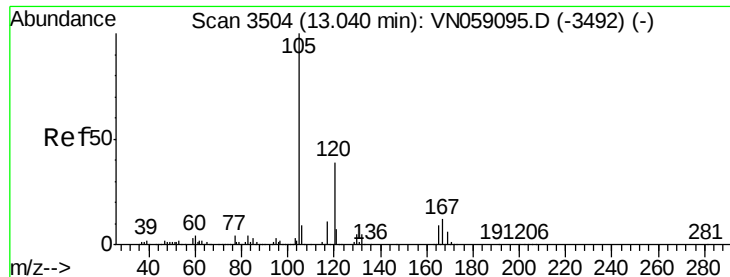


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#84

1,2,4-Trimethylbenzene

Concen: 3.025 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN059244.D

Acq: 14 Nov 2019 19:02

Instrument :

MSVOA_N

ClientSampled :

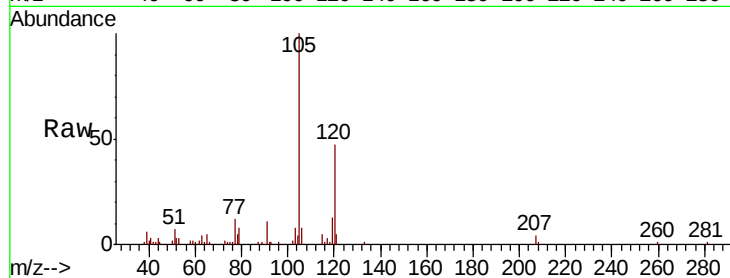
TP-1

Tot Ion:105 Resp: 41214

Ion Ratio Lower Upper

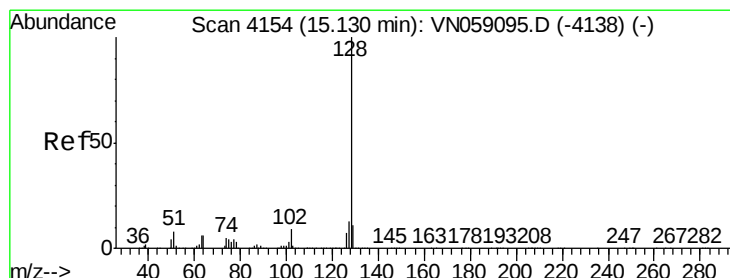
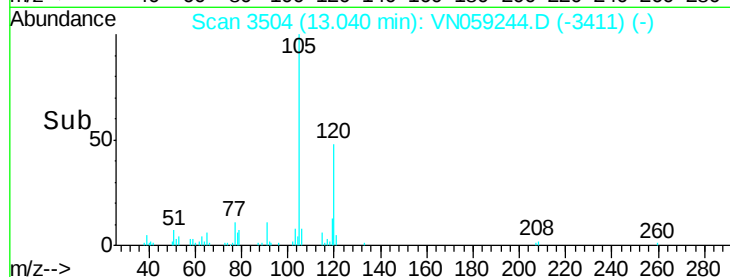
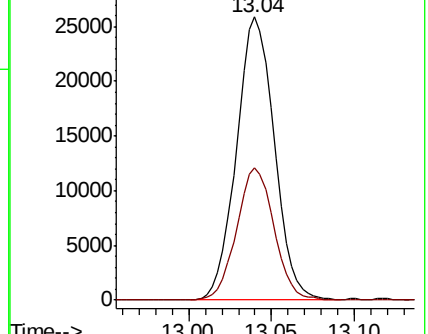
105 100

120 46.1 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 6.104 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. -0.00 min

Lab File: VN059244.D

Acq: 14 Nov 2019 19:02

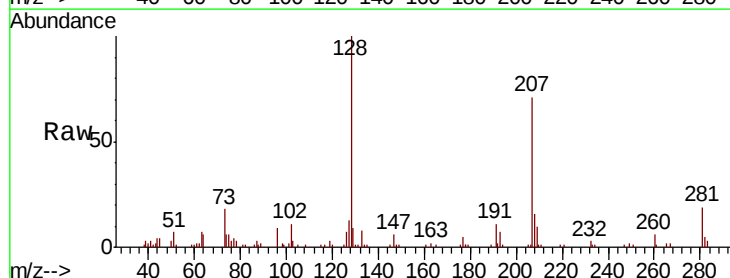
Tgt Ion:128 Resp: 38566

Ion Ratio Lower Upper

128 100

127 12.4 10.2 15.2

129 10.6 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

