

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120120\
 Data File : VX019698.D
 Acq On : 01 Dec 2020 16:21
 Operator : JC/MD
 Sample : L4910-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PAV-B47-113020-12-12.75

Quant Time: Dec 02 03:21:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	295567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	497208	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	438577	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	174386	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	187717	48.98	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.96%		
35) Dibromofluoromethane	5.46	113	150147	48.11	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.22%		
50) Toluene-d8	8.70	98	594489	49.02	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.04%		
62) 4-Bromofluorobenzene	11.12	95	198944	45.59	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.18%		

Target Compounds

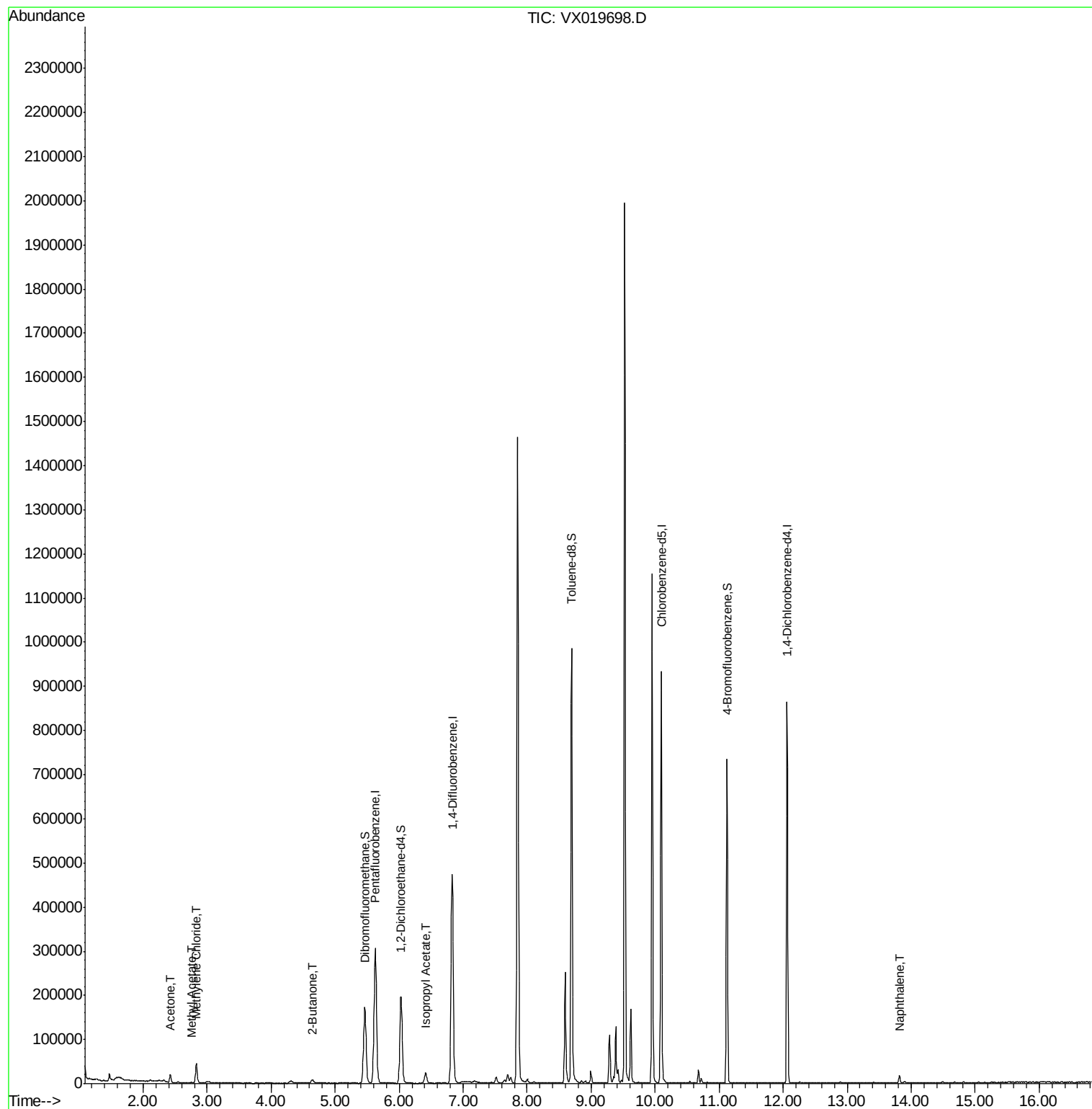
					Qvalue
16) Acetone	2.42	43	17315	11.683	ug/l 98
18) Methyl Acetate	2.76	43	2441	1.298	ug/l 97
20) Methylene Chloride	2.83	84	20960	5.659	ug/l 98
25) 2-Butanone	4.64	43	13447	6.040	ug/l 97
43) Isopropyl Acetate	6.41	43	31552	4.289	ug/l 99
95) Naphthalene	13.82	128	11670	3.046	ug/l 98

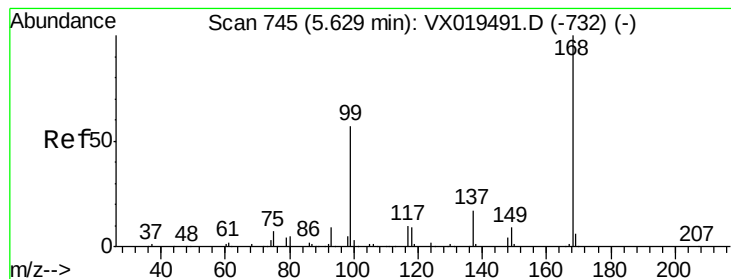
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120120\
Data File : VX019698.D
Acq On : 01 Dec 2020 16:21
Operator : JC/MD
Sample : L4910-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PAV-B47-113020-12-12.75

Quant Time: Dec 02 03:21:53 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019698.D

Acq: 01 Dec 2020 16:21

Instrument :

MSVOA_X

ClientSampleId :

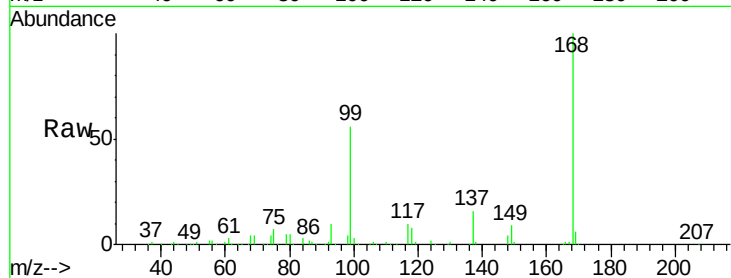
PAV-B47-113020-12-12.75

Tot Ion:168 Resp: 295567

Ion Ratio Lower Upper

168 100

99 56.0 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

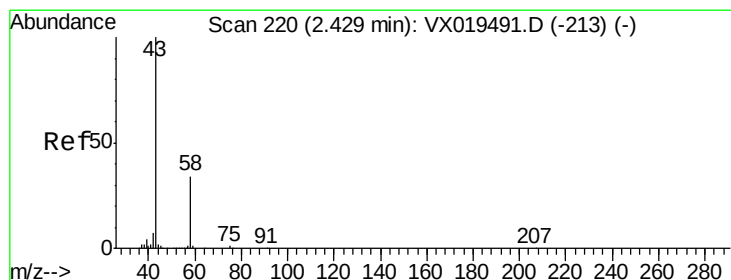
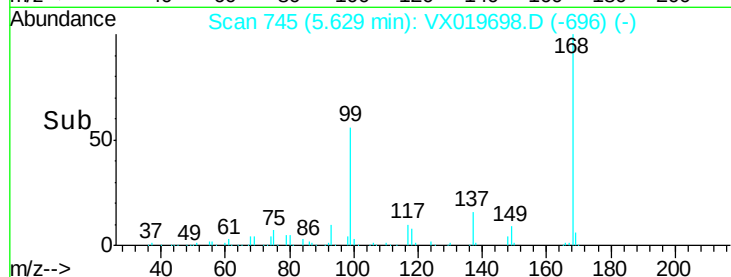
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 11.683 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX019698.D

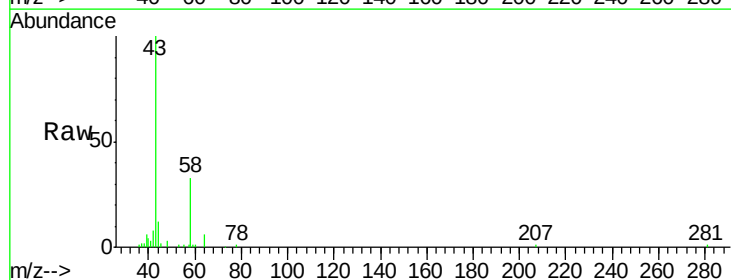
Acq: 01 Dec 2020 16:21

Tgt Ion: 43 Resp: 17315

Ion Ratio Lower Upper

43 100

58 33.2 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

12000

10000

8000

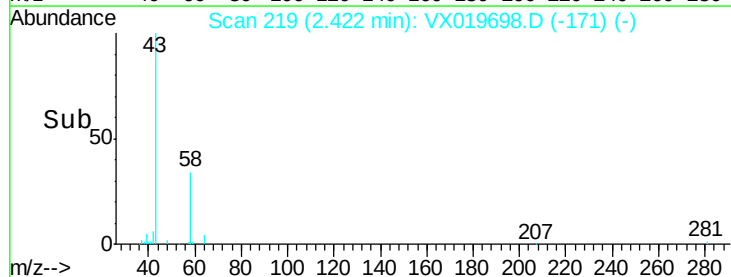
6000

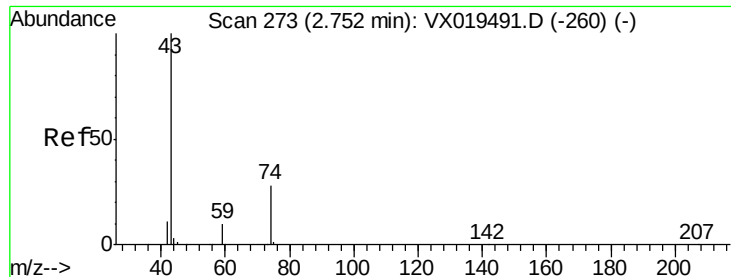
4000

2000

0

Time-->

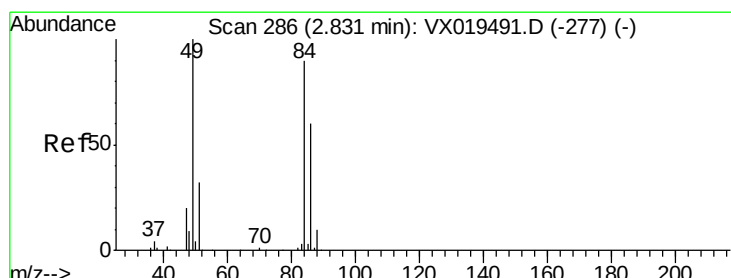
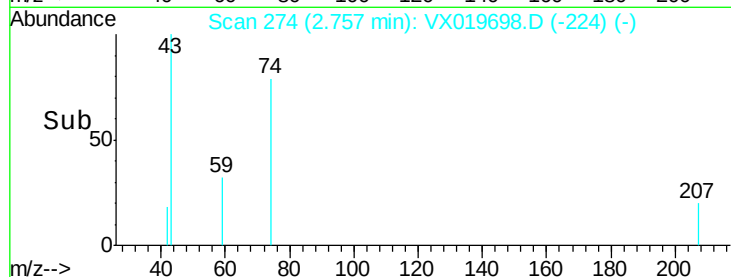
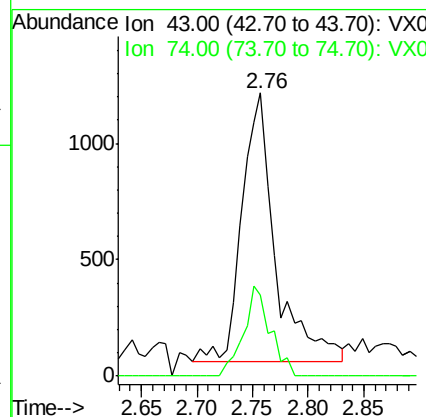
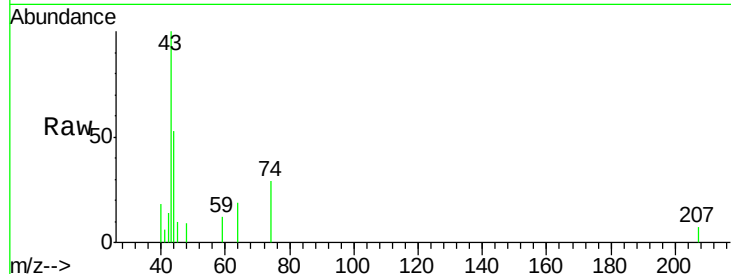




#18
Methyl Acetate
Concen: 1.298 ug/l
RT: 2.76 min Scan# 274
Delta R.T. 0.01 min
Lab File: VX019698.D
Acq: 01 Dec 2020 16:21

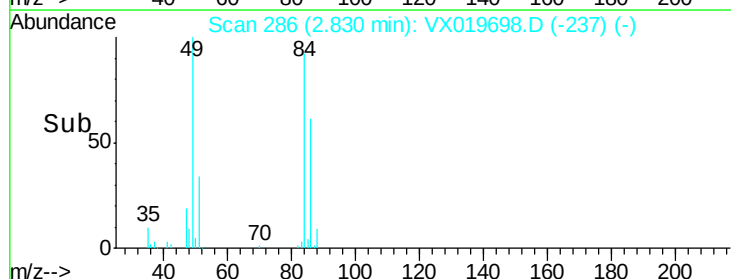
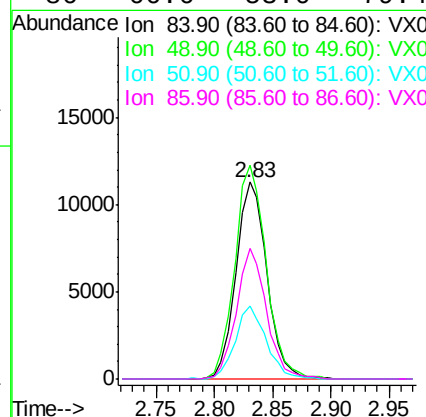
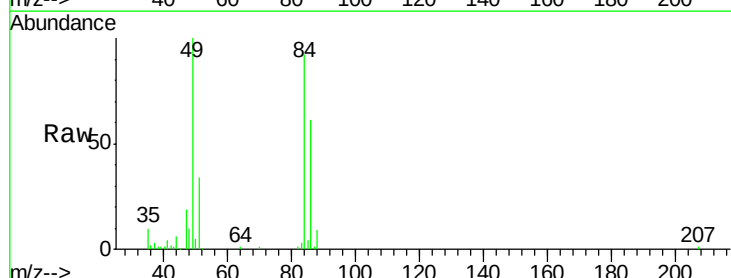
Instrument :
MSVOA_X
ClientSampleId :
PAV-B47-113020-12-12.75

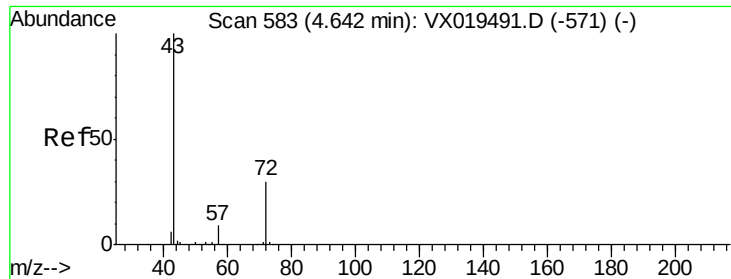
Tot Ion: 43 Resp: 2441
Ion Ratio Lower Upper
43 100
74 26.3 22.2 33.4



#20
Methylene Chloride
Concen: 5.659 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019698.D
Acq: 01 Dec 2020 16:21

Tgt Ion: 84 Resp: 20960
Ion Ratio Lower Upper
84 100
49 108.6 88.5 132.7
51 37.4 28.0 42.0
86 66.6 53.0 79.4





#25

2-Butanone

Concen: 6.040 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX019698.D

Acq: 01 Dec 2020 16:21

Instrument :

MSVOA_X

ClientSampleId :

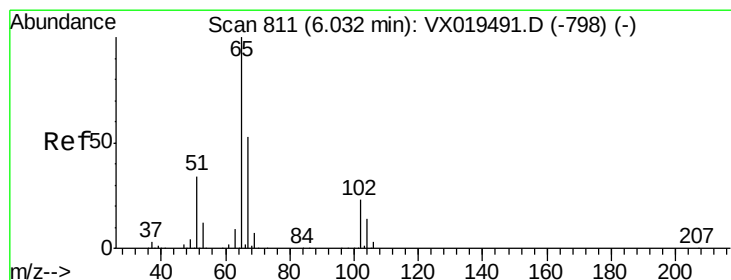
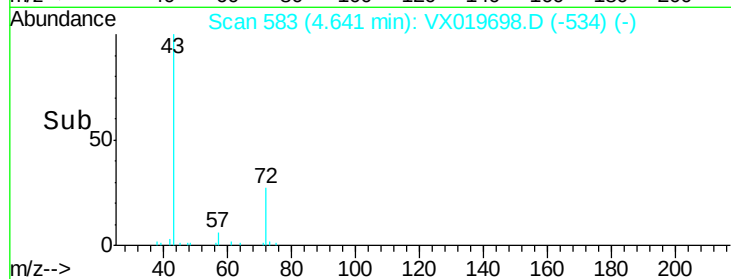
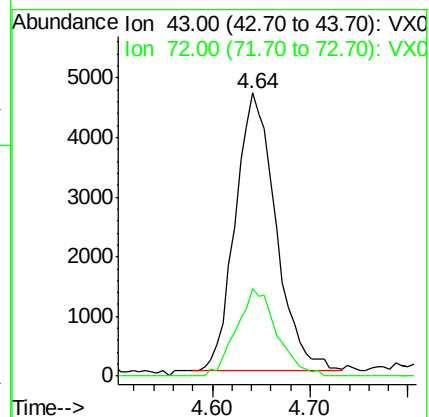
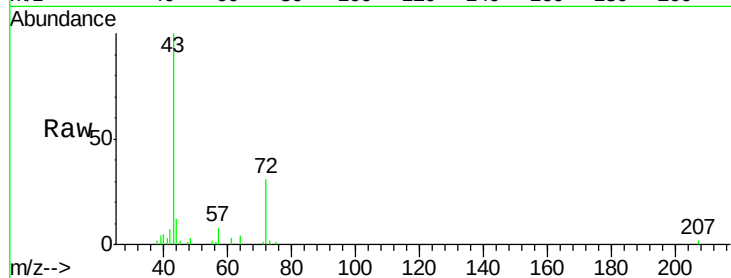
PAV-B47-113020-12-12.75

Tot Ion: 43 Resp: 13447

Ion Ratio Lower Upper

43 100

72 31.5 24.0 36.0



#33

1,2-Dichloroethane-d4

Concen: 48.983 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019698.D

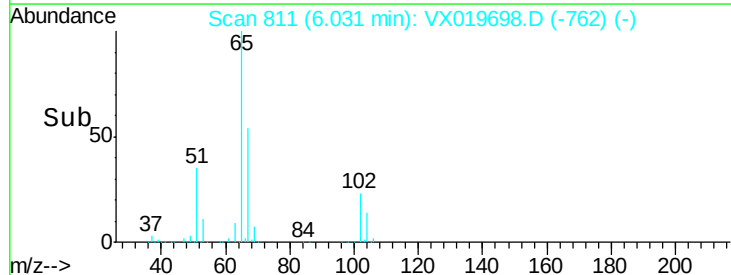
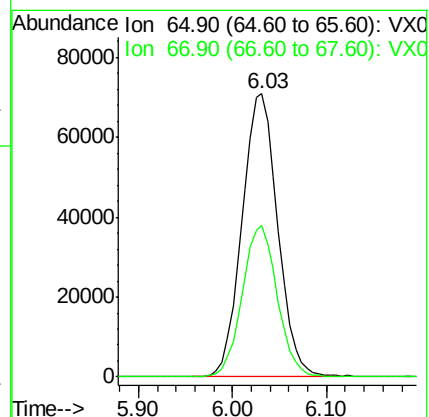
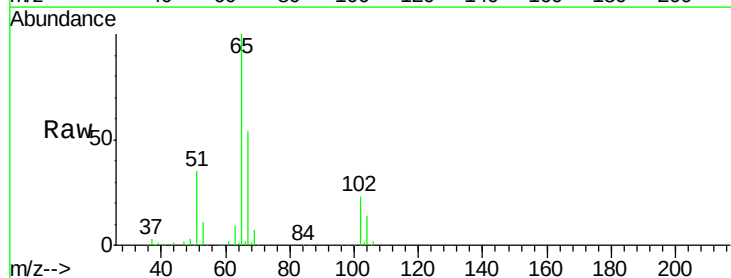
Acq: 01 Dec 2020 16:21

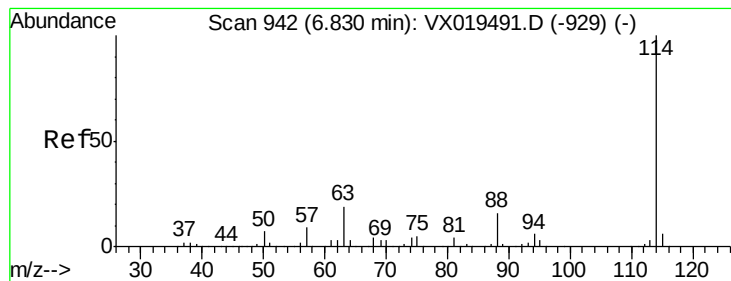
Tgt Ion: 65 Resp: 187717

Ion Ratio Lower Upper

65 100

67 52.6 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019698.D

Acq: 01 Dec 2020 16:21

Instrument :

MSVOA_X

ClientSampleId :

PAV-B47-113020-12-12.75

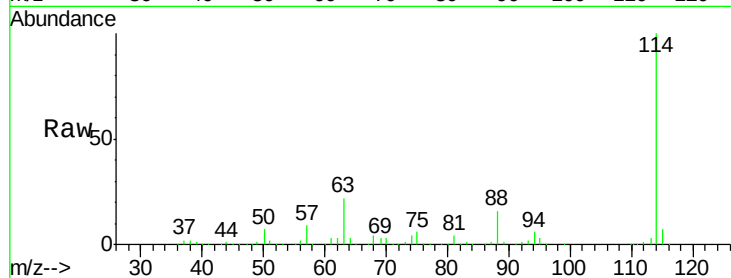
Tot Ion:114 Resp: 497208

Ion Ratio Lower Upper

114 100

63 21.6 0.0 38.8

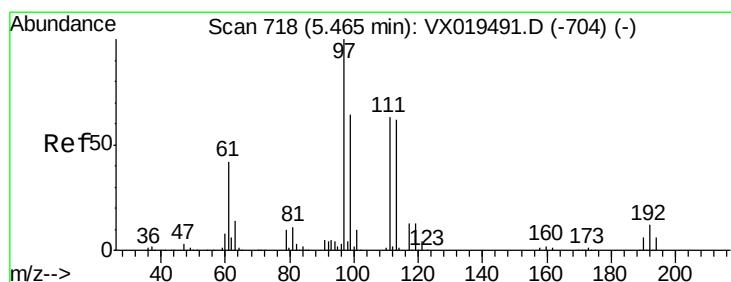
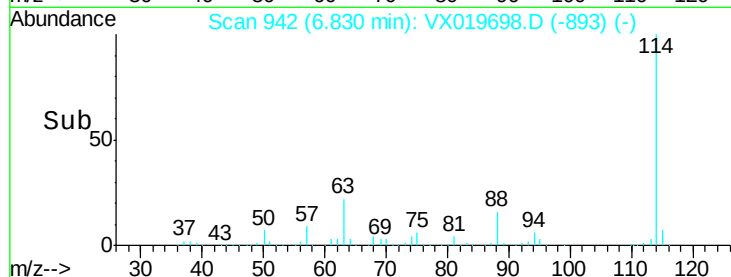
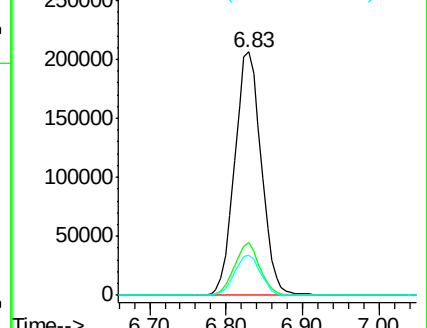
88 16.3 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.109 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019698.D

Acq: 01 Dec 2020 16:21

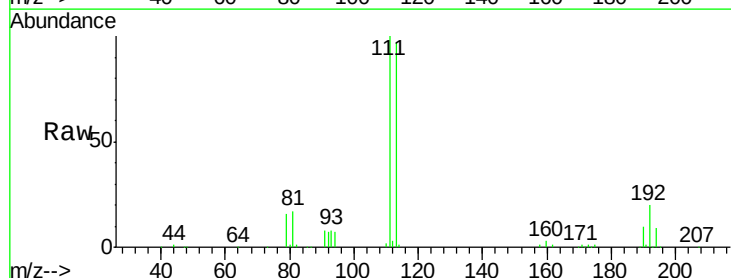
Tgt Ion:113 Resp: 150147

Ion Ratio Lower Upper

113 100

111 102.0 81.5 122.3

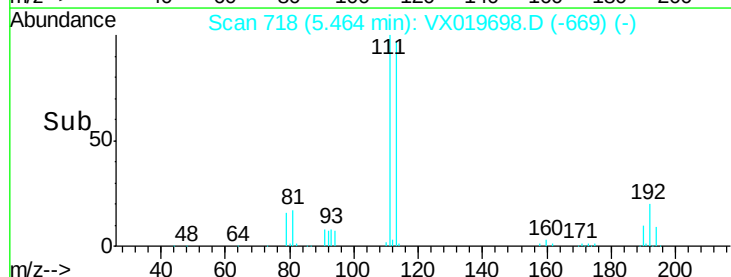
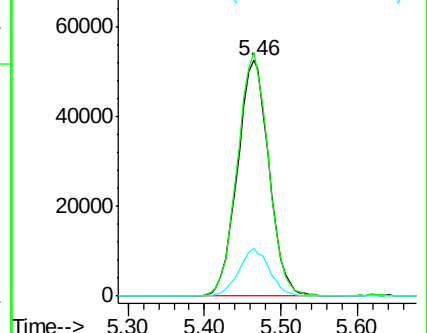
192 19.6 16.2 24.2

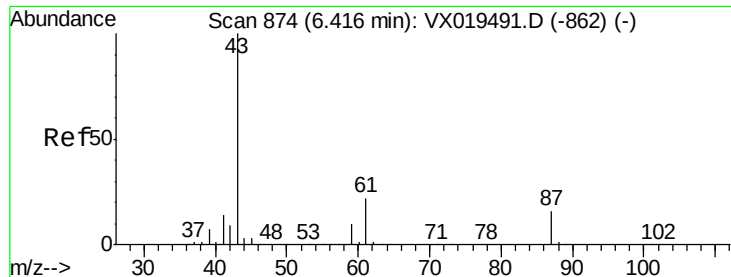


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

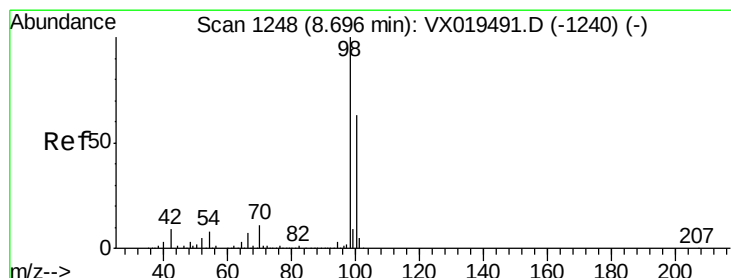
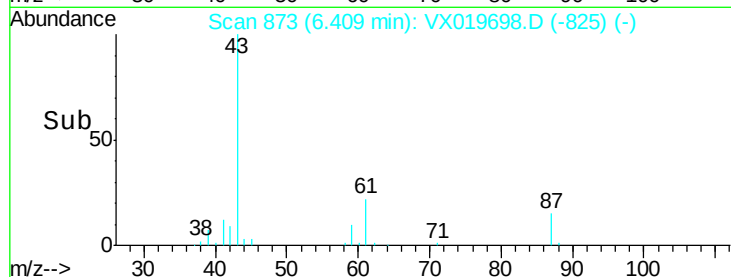
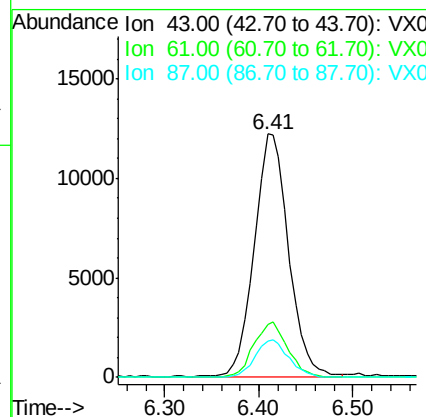
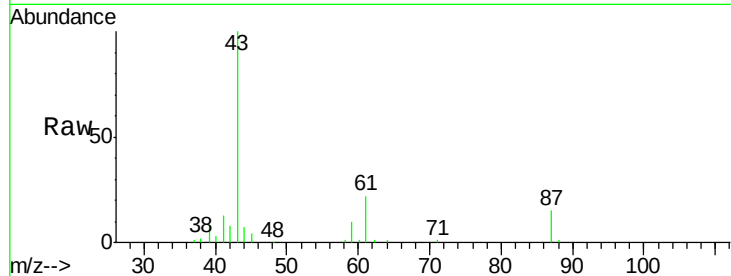




#43
Isopropyl Acetate
Concen: 4.289 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX019698.D
Acq: 01 Dec 2020 16:21

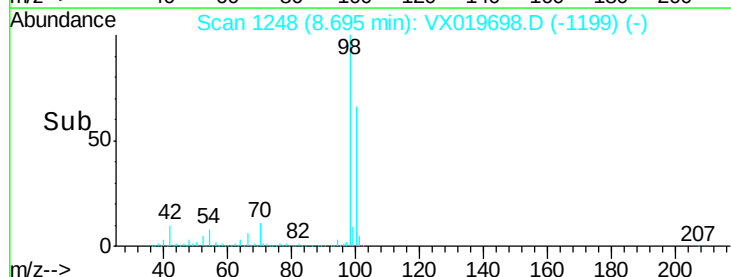
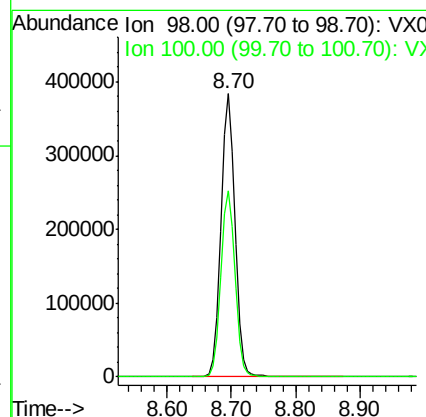
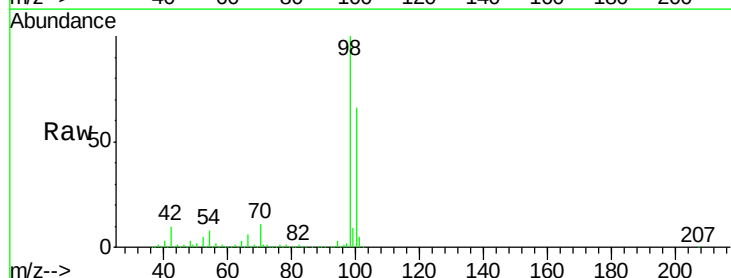
Instrument :
MSVOA_X
ClientSampleId :
PAV-B47-113020-12-12.75

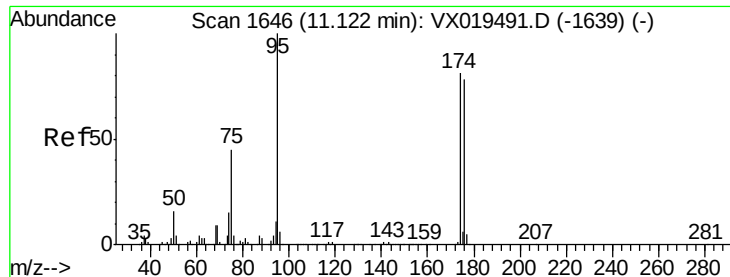
Tot Ion: 43 Resp: 31552
Ion Ratio Lower Upper
43 100
61 22.2 18.2 27.2
87 15.1 12.6 18.8



#50
Toluene-d8
Concen: 49.019 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019698.D
Acq: 01 Dec 2020 16:21

Tgt Ion: 98 Resp: 594489
Ion Ratio Lower Upper
98 100
100 66.6 52.4 78.6





#62

4-Bromofluorobenzene

Concen: 45.594 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019698.D

Acq: 01 Dec 2020 16:21

Instrument :

MSVOA_X

ClientSampleId :

PAV-B47-113020-12-12.75

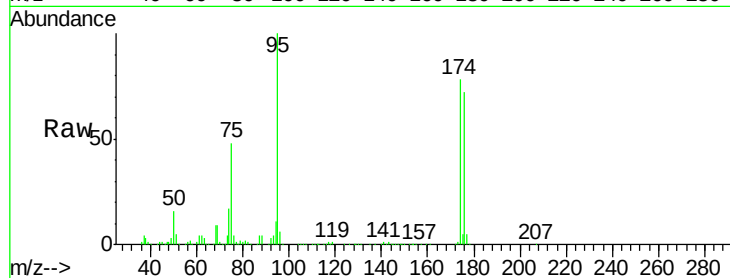
Tot Ion: 95 Resp: 198944

Ion Ratio Lower Upper

95 100

174 77.3 0.0 156.2

176 73.4 0.0 151.4



Abundance Ion 94.90 (94.60 to 95.60): VX019491.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX019491.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX019491.D (-1639) (-)

11.12

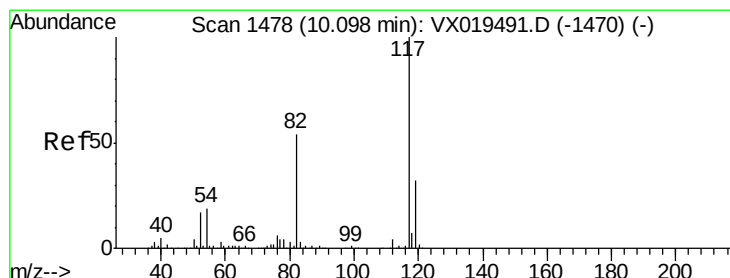
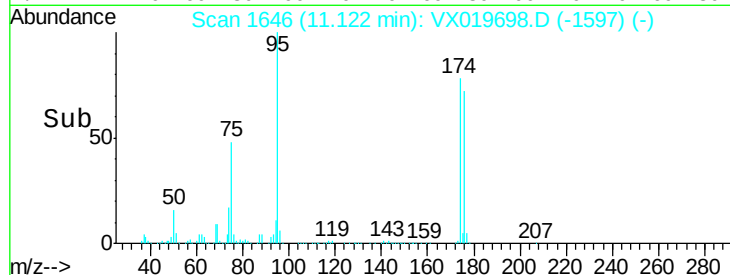
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX019698.D

Acq: 01 Dec 2020 16:21

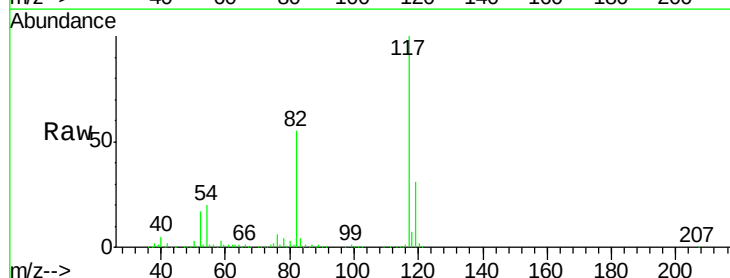
Tgt Ion: 117 Resp: 438577

Ion Ratio Lower Upper

117 100

82 54.9 43.0 64.4

119 31.1 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): VX019491.D (-1470) (-)

Ion 82.00 (81.70 to 82.70): VX019491.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX019491.D (-1470) (-)

10.10

400000

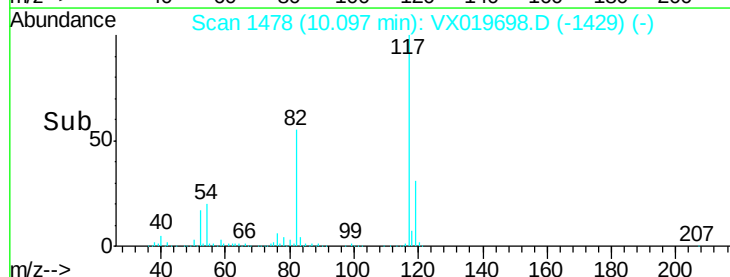
300000

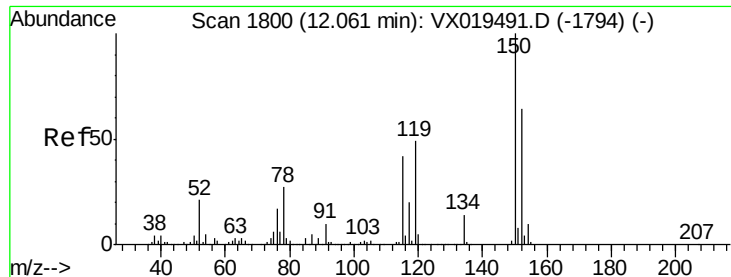
200000

100000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019698.D

Acq: 01 Dec 2020 16:21

Instrument :

MSVOA_X

ClientSampleId :

PAV-B47-113020-12-12.75

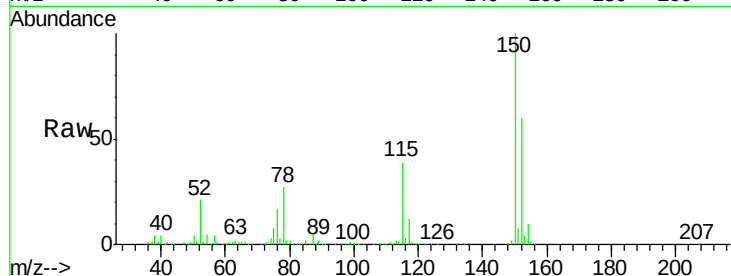
Tot Ion:152 Resp: 174386

Ion Ratio Lower Upper

152 100

115 61.4 41.8 125.4

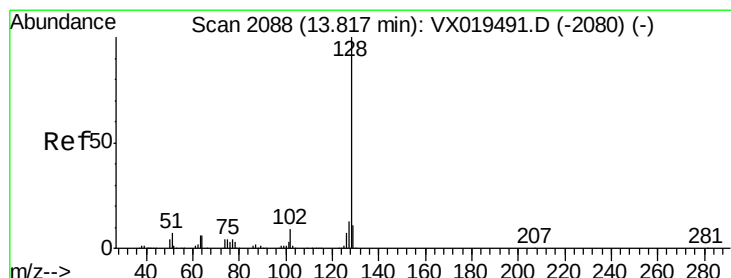
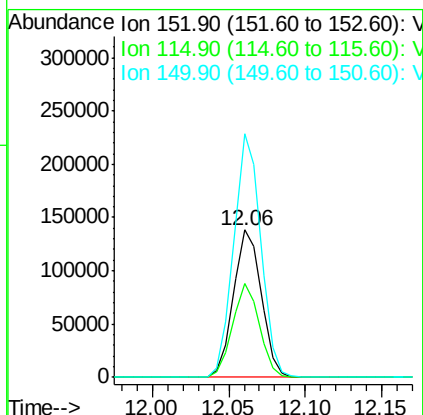
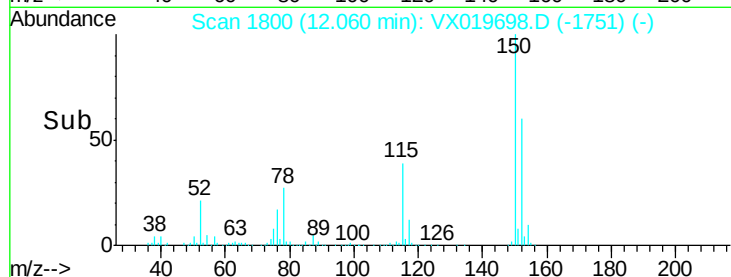
150 161.3 0.0 348.2



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: 3.046 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019698.D

Acq: 01 Dec 2020 16:21

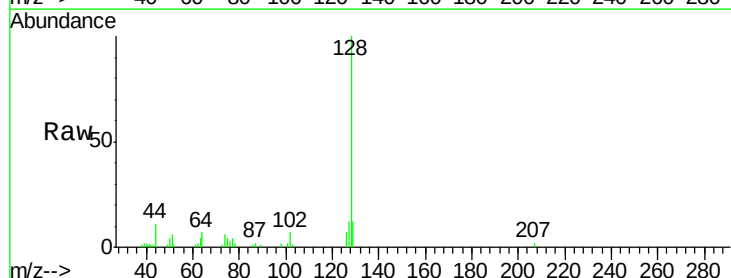
Tgt Ion:128 Resp: 11670

Ion Ratio Lower Upper

128 100

127 12.2 10.3 15.5

129 10.2 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

