

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112320\
 Data File : VX019583.D
 Acq On : 24 Nov 2020 04:42
 Operator : JC/MD
 Sample : L4848-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TR5-1-BOTTOM

Quant Time: Nov 24 06:10:27 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	5.62	168	326889	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	542425	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	464433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	188997	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		6.03	65	200240	47.24	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.48%	
35) Dibromofluoromethane		5.46	113	158754	46.63	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.26%	
50) Toluene-d8		8.70	98	633313	47.87	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.74%	
62) 4-Bromofluorobenzene		11.12	95	211290	44.39	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	88.78%	

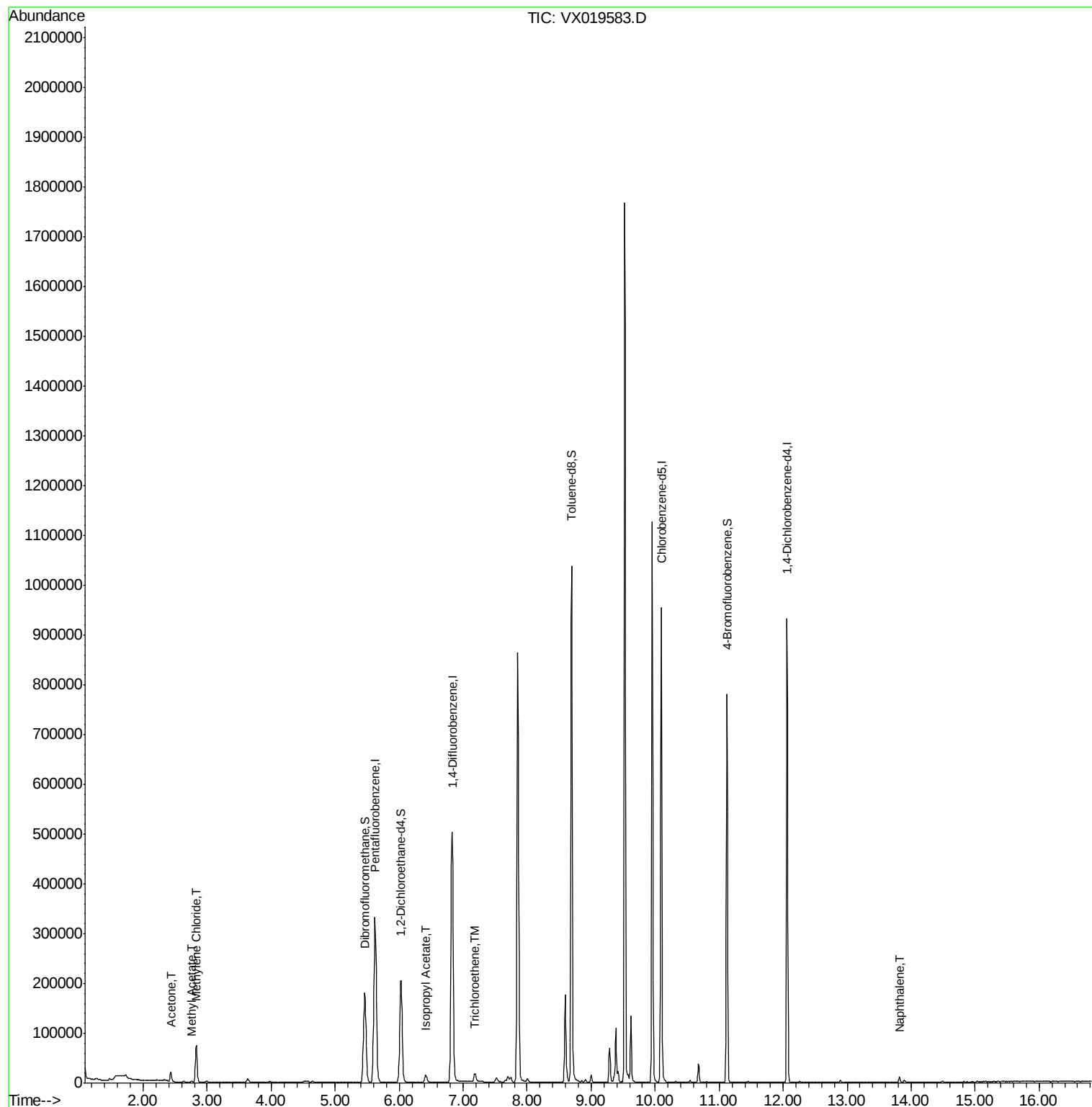
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.43	43	23027	14.049	ug/l	99
18) Methyl Acetate	2.76	43	3398	1.469	ug/l	96
20) Methylene Chloride	2.83	84	36530	8.917	ug/l	96
43) Isopropyl Acetate	6.41	43	21105	2.630	ug/l	98
44) Trichloroethene	7.18	130	4117	1.006	ug/l	96
95) Naphthalene	13.82	128	6107	2.597	ug/l	97

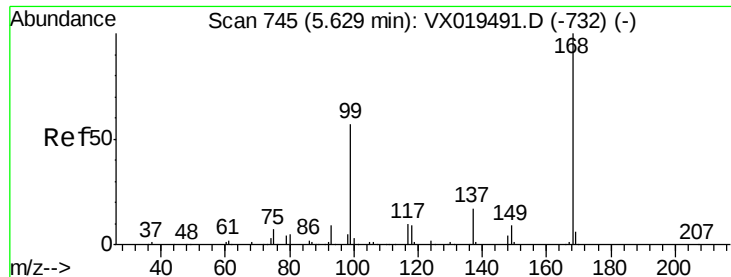
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 24 06:10:27 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: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019583.D

Acq: 24 Nov 2020 04:42

Instrument :

MSVOA_X

ClientSampleId :

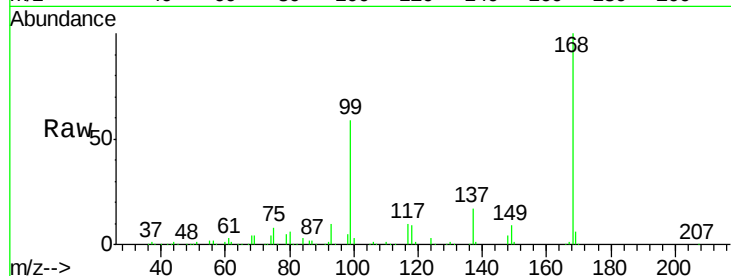
TR5-1-BOTTOM

Tot Ion:168 Resp: 326889

Ion Ratio Lower Upper

168 100

99 58.9 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

120000

100000

80000

60000

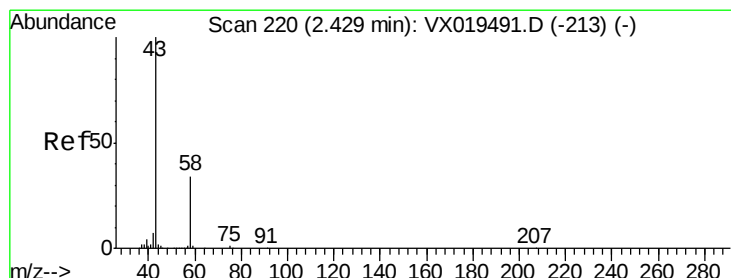
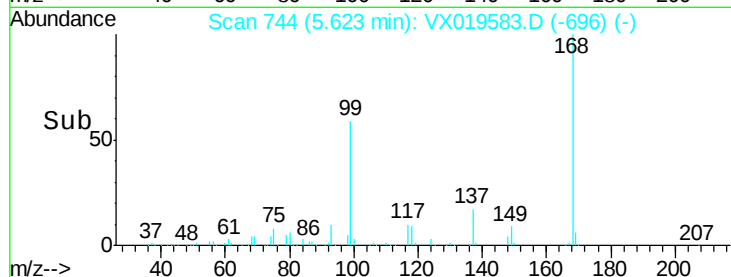
40000

20000

0

Time-->

5.50 5.60 5.70



#16

Acetone

Concen: 14.049 ug/l

RT: 2.43 min Scan# 221

Delta R.T. 0.01 min

Lab File: VX019583.D

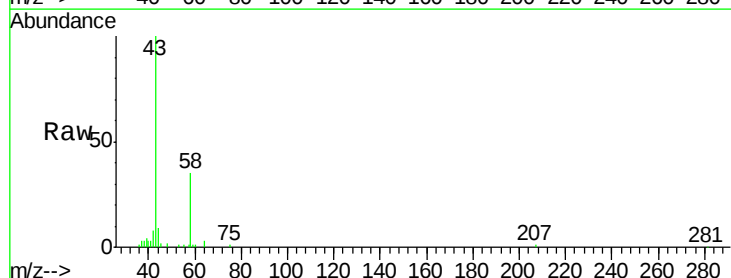
Acq: 24 Nov 2020 04:42

Tgt Ion: 43 Resp: 23027

Ion Ratio Lower Upper

43 100

58 35.1 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

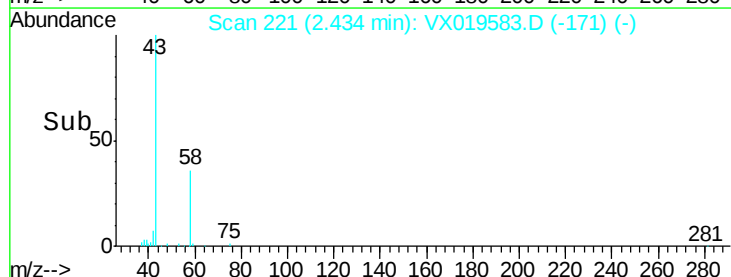
10000

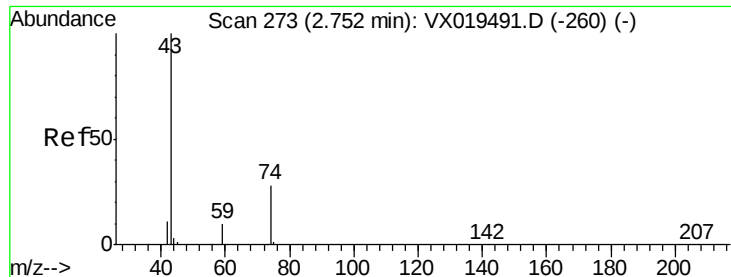
5000

0

Time-->

2.40 2.50

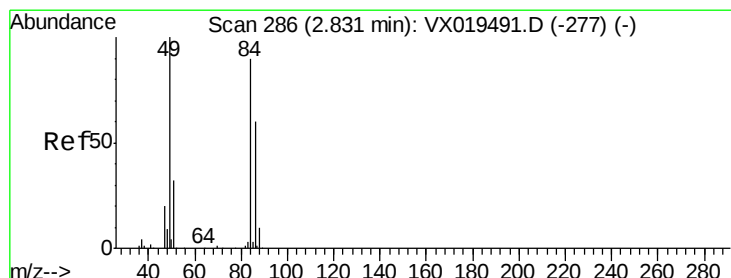
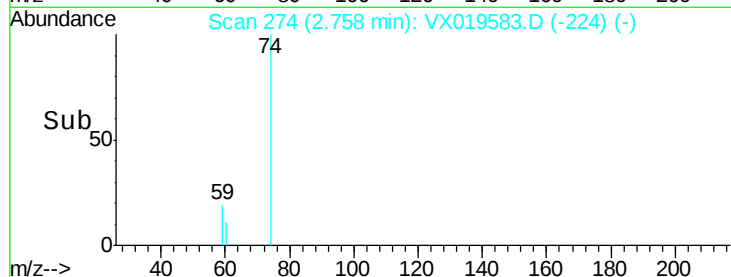
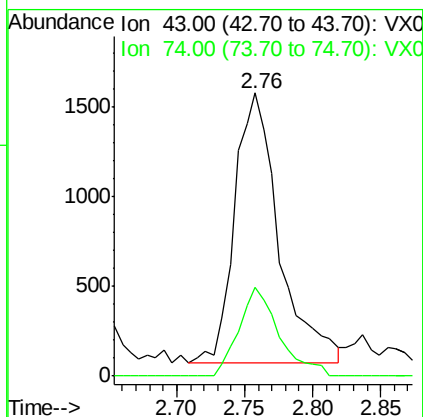
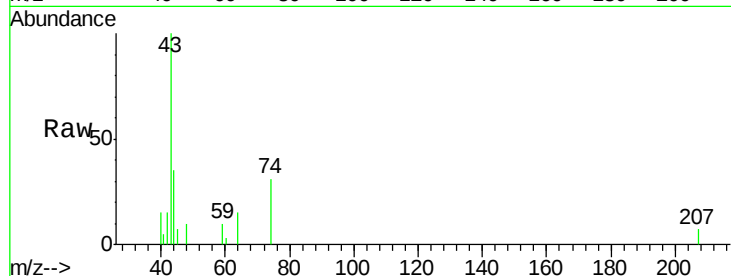




#18
Methyl Acetate
Concen: 1.469 ug/l
RT: 2.76 min Scan# 274
Delta R.T. 0.01 min
Lab File: VX019583.D
Acq: 24 Nov 2020 04:42

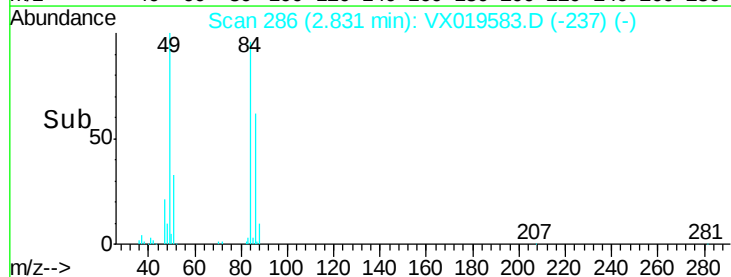
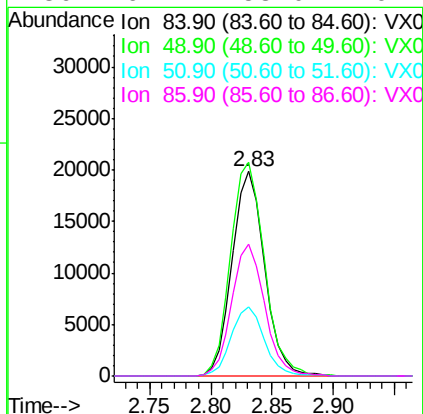
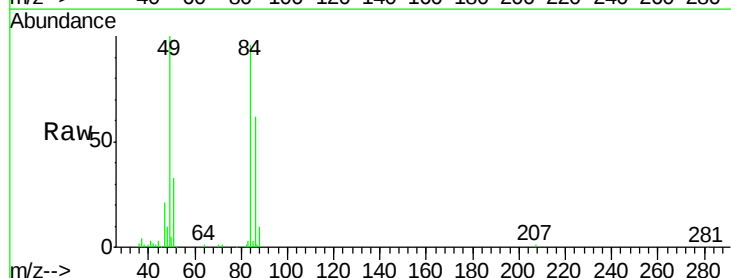
Instrument :
MSVOA_X
ClientSampleId :
TR5-1-BOTTOM

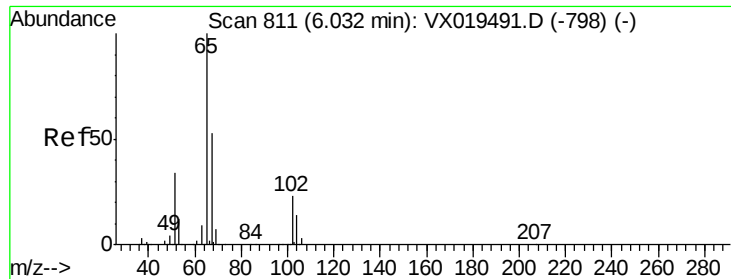
Tot Ion: 43 Resp: 3398
Ion Ratio Lower Upper
43 100
74 30.1 22.2 33.4



#20
Methylene Chloride
Concen: 8.917 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019583.D
Acq: 24 Nov 2020 04:42

Tgt Ion: 84 Resp: 36530
Ion Ratio Lower Upper
84 100
49 104.6 88.5 132.7
51 34.0 28.0 42.0
86 64.4 53.0 79.4

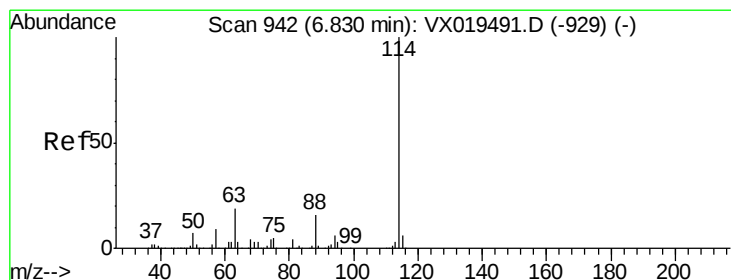
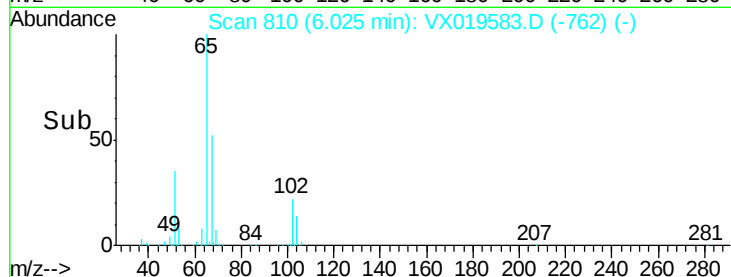
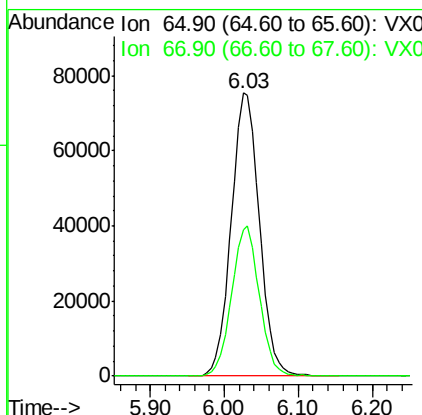
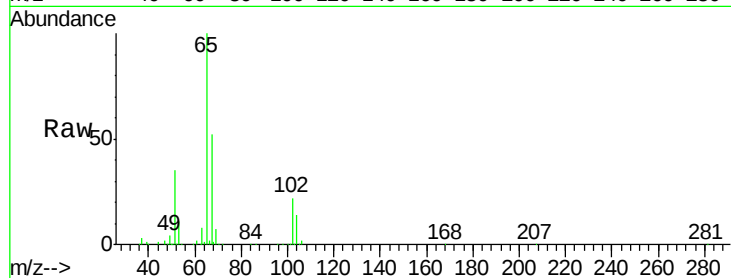




#33
 1,2-Dichloroethane-d4
 Concen: 47.244 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX019583.D
 Acq: 24 Nov 2020 04:42

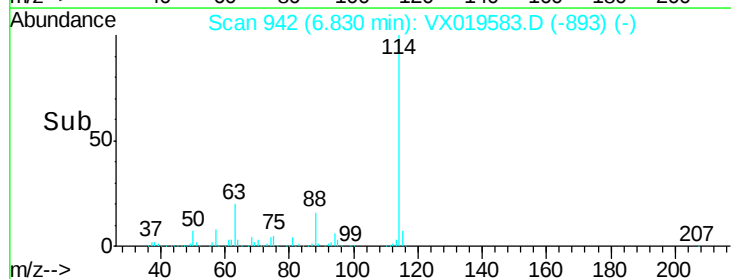
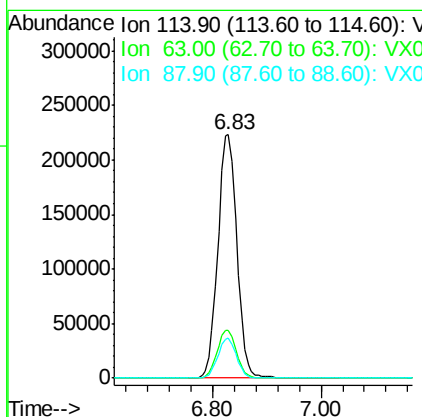
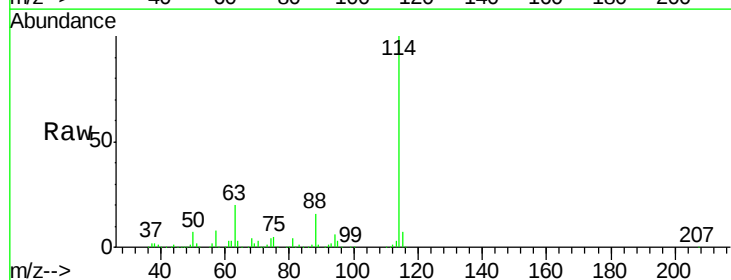
Instrument :
 MSVOA_X
 ClientSampleId :
 TR5-1-BOTTOM

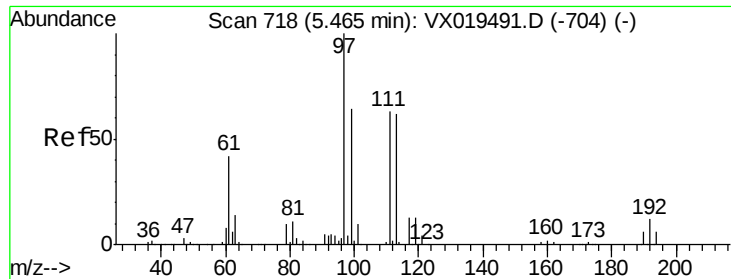
Tot Ion: 65 Resp: 200240
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019583.D
 Acq: 24 Nov 2020 04:42

Tgt Ion: 114 Resp: 542425
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 38.8
 88 16.3 0.0 31.6





#35

Dibromofluoromethane

Concen: 46.627 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019583.D

Acq: 24 Nov 2020 04:42

Instrument :

MSVOA_X

ClientSampleId :

TR5-1-BOTTOM

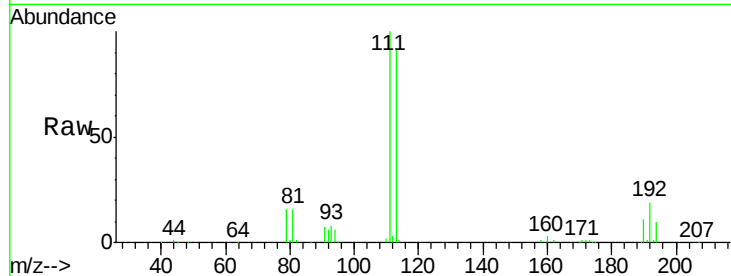
Tot Ion:113 Resp: 158754

Ion Ratio Lower Upper

113 100

111 103.8 81.5 122.3

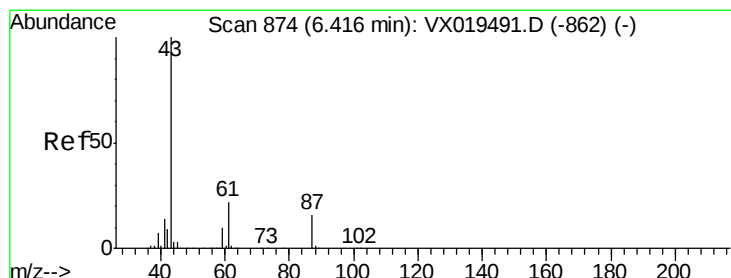
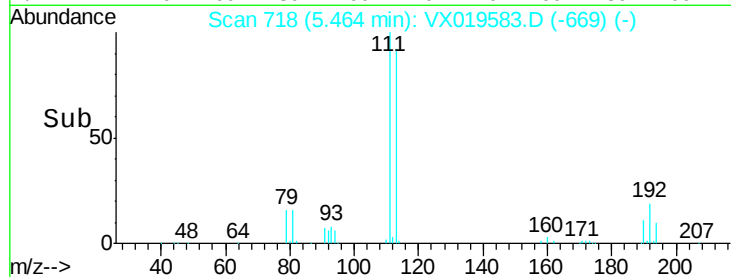
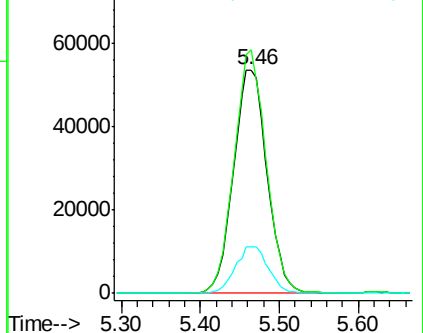
192 20.7 16.2 24.2



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: 2.630 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX019583.D

Acq: 24 Nov 2020 04:42

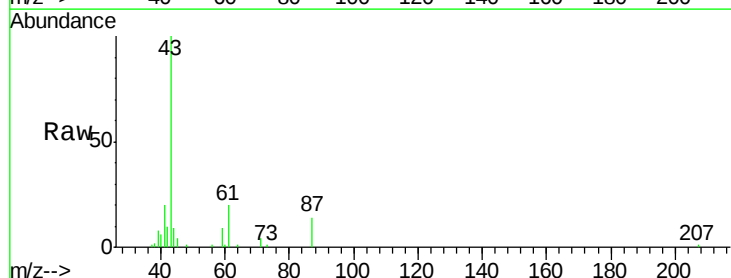
Tgt Ion: 43 Resp: 21105

Ion Ratio Lower Upper

43 100

61 21.4 18.2 27.2

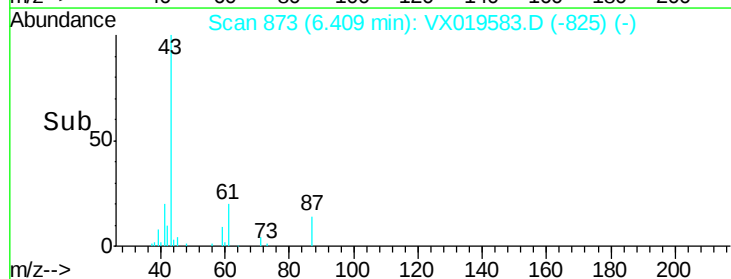
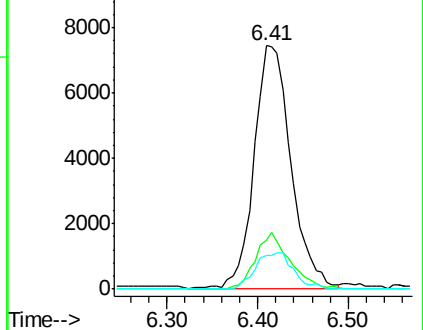
87 15.2 12.6 18.8

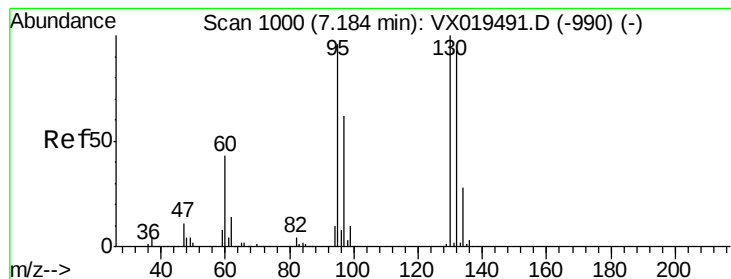


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#44

Trichloroethene

Concen: 1.006 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX019583.D

Acq: 24 Nov 2020 04:42

Instrument :

MSVOA_X

ClientSampleId :

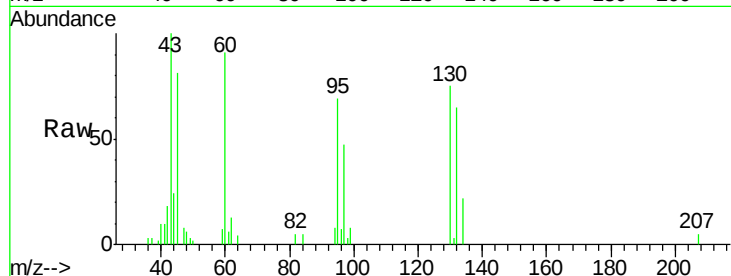
TR5-1-BOTTOM

Tot Ion:130 Resp: 4117

Ion Ratio Lower Upper

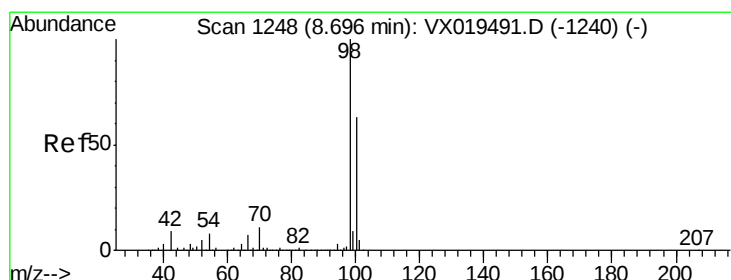
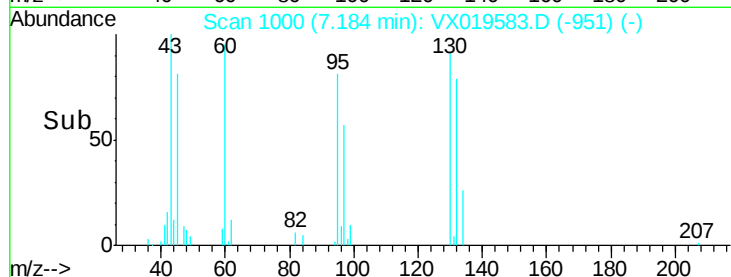
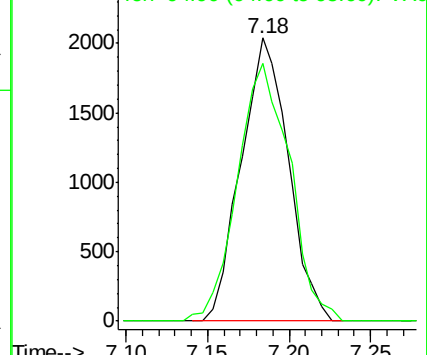
130 100

95 91.3 0.0 191.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 47.867 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019583.D

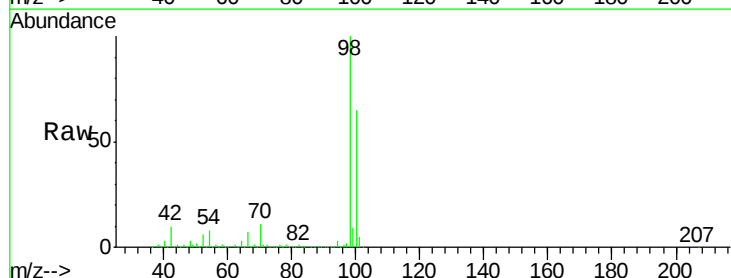
Acq: 24 Nov 2020 04:42

Tgt Ion: 98 Resp: 633313

Ion Ratio Lower Upper

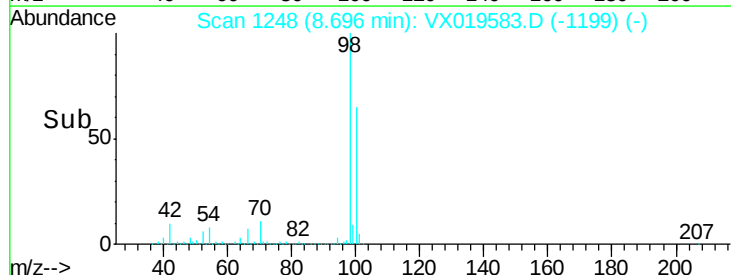
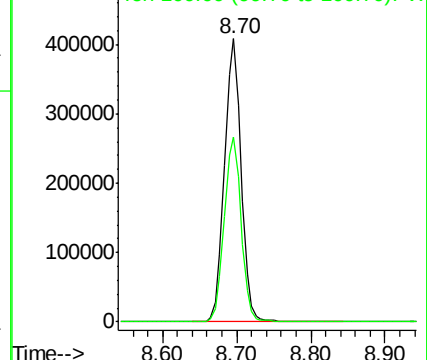
98 100

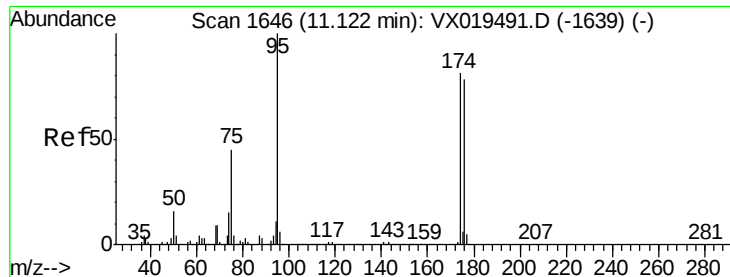
100 66.1 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 44.386 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019583.D

Acq: 24 Nov 2020 04:42

Instrument :

MSVOA_X

ClientSampleId :

TR5-1-BOTTOM

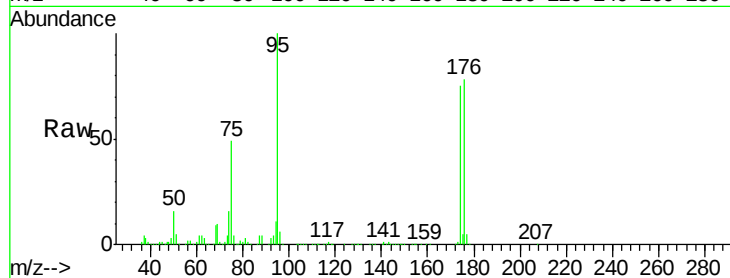
Tot Ion: 95 Resp: 211290

Ion Ratio Lower Upper

95 100

174 76.0 0.0 156.2

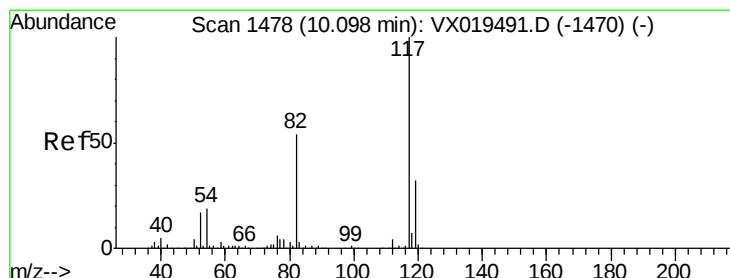
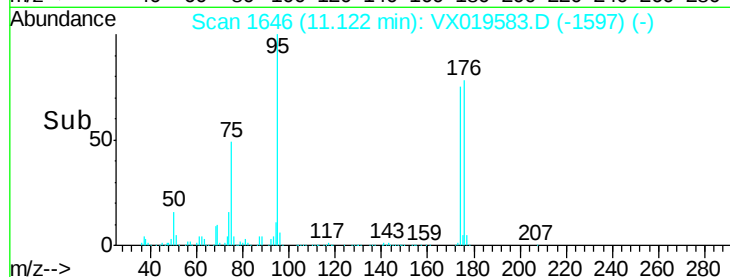
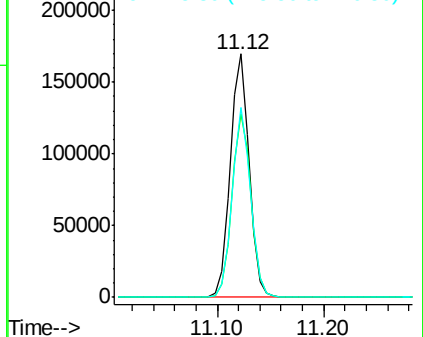
176 75.9 0.0 151.4



Abundance Ion 94.90 (94.60 to 95.60): VX

Ion 173.80 (173.50 to 174.50): VX

Ion 175.80 (175.50 to 176.50): VX



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX019583.D

Acq: 24 Nov 2020 04:42

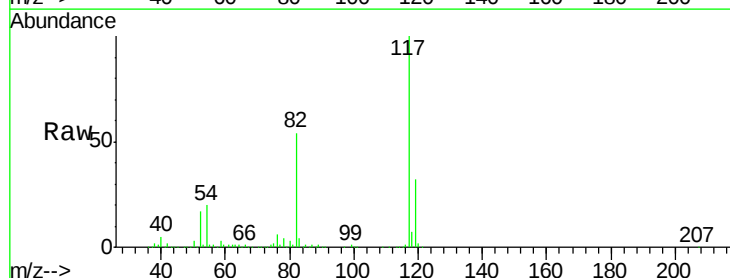
Tgt Ion: 117 Resp: 464433

Ion Ratio Lower Upper

117 100

82 54.3 43.0 64.4

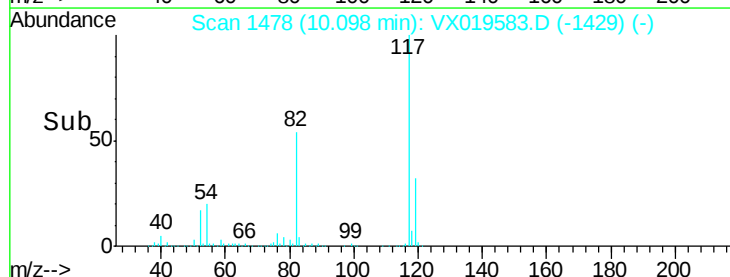
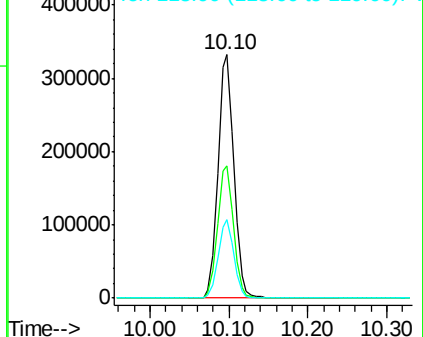
119 32.1 25.6 38.4

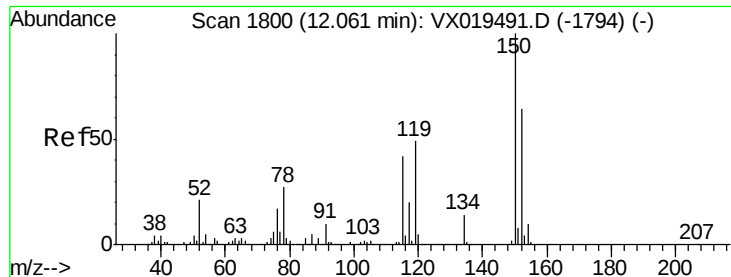


Abundance Ion 116.90 (116.60 to 117.60): VX

Ion 82.00 (81.70 to 82.70): VX

Ion 118.90 (118.60 to 119.60): VX





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019583.D

Acq: 24 Nov 2020 04:42

Instrument :

MSVOA_X

ClientSampleId :

TR5-1-BOTTOM

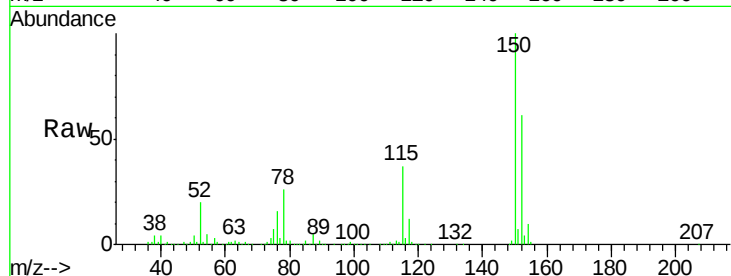
Tot Ion:152 Resp: 188997

Ion Ratio Lower Upper

152 100

115 60.0 41.8 125.4

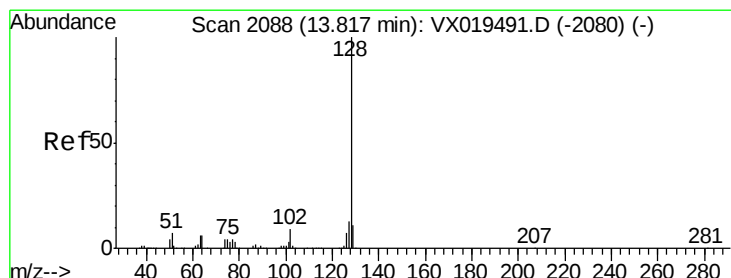
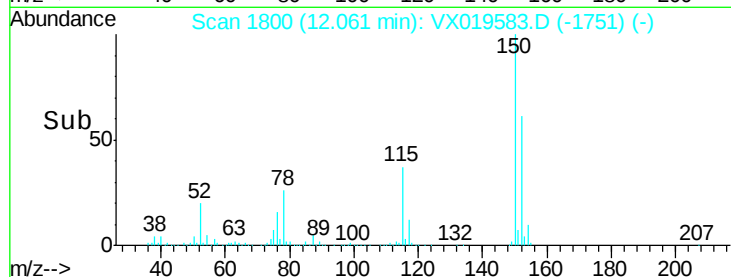
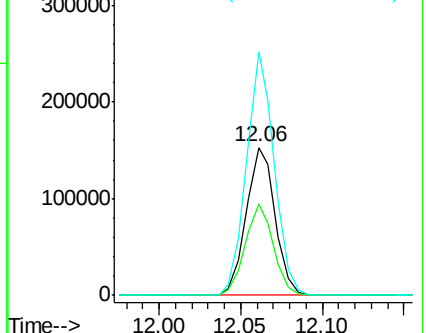
150 158.0 0.0 348.2



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: 2.597 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019583.D

Acq: 24 Nov 2020 04:42

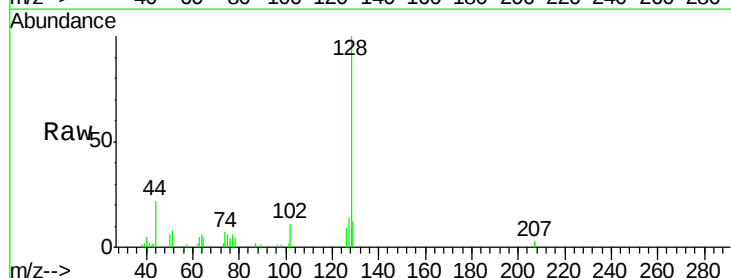
Tgt Ion:128 Resp: 6107

Ion Ratio Lower Upper

128 100

127 14.6 10.3 15.5

129 10.7 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

