

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112420\
 Data File : VX019598.D
 Acq On : 24 Nov 2020 12:25
 Operator : JC/MD
 Sample : L4839-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B1-GW

Quant Time: Nov 25 04:54:23 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	335898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	545394	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	491073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	201707	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	204213	46.89	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.78%	
35) Dibromofluoromethane		5.46	113	163214	47.68	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.36%	
50) Toluene-d8		8.70	98	657792	49.45	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.90%	
62) 4-Bromofluorobenzene		11.12	95	221608	46.30	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.60%	

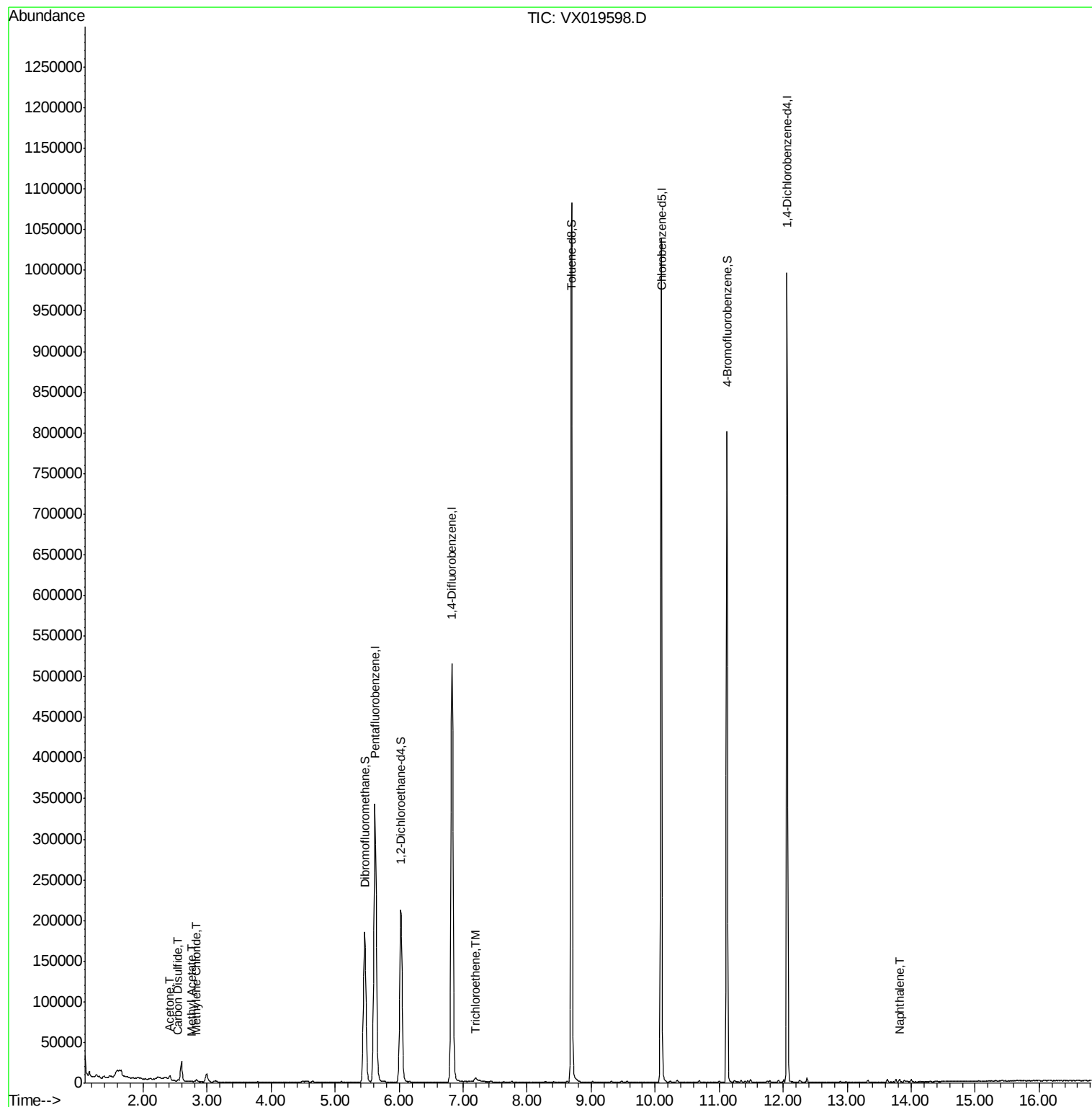
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.42	43	5482	3.255	ug/l	93
17) Carbon Disulfide	2.54	76	2796	0.312	ug/l #	91
18) Methyl Acetate	2.75	43	1429	0.976	ug/l #	85
20) Methylene Chloride	2.83	84	1290	0.306	ug/l #	82
44) Trichloroethene	7.20	130	1294	0.314	ug/l	87
95) Naphthalene	13.82	128	2413	2.333	ug/l #	94

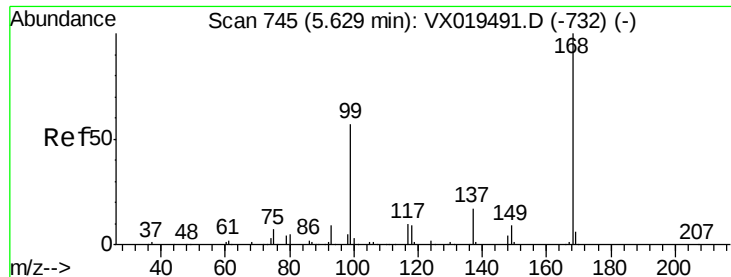
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 25 04:54:23 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: VX019598.D

Acq: 24 Nov 2020 12:25

Instrument :

MSVOA_X

ClientSampleId :

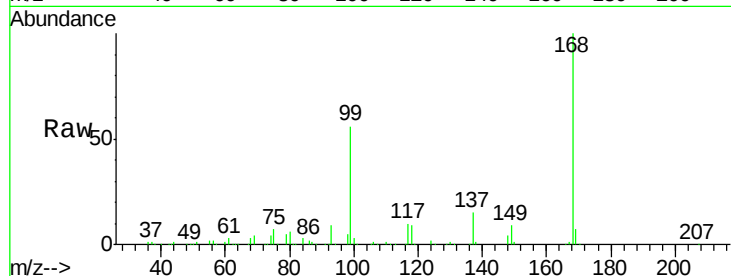
B1-GW

Tot Ion:168 Resp: 335898

Ion Ratio Lower Upper

168 100

99 56.3 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

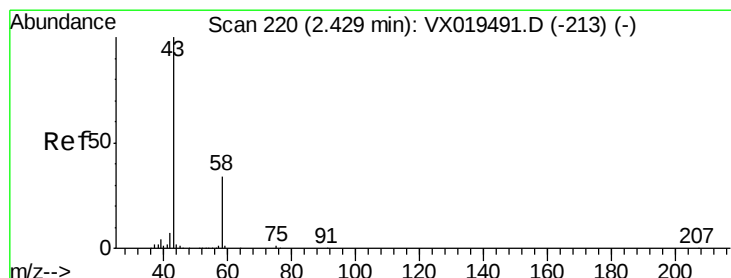
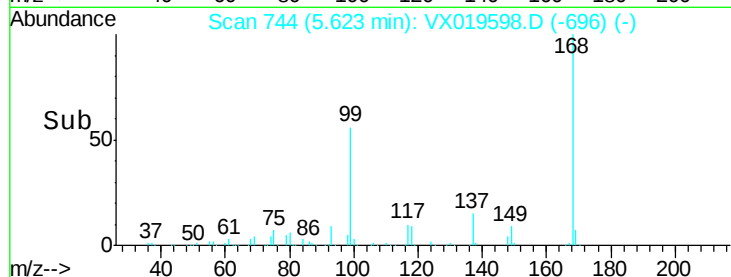
5.62

100000

50000

0

Time-->



#16

Acetone

Concen: 3.255 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX019598.D

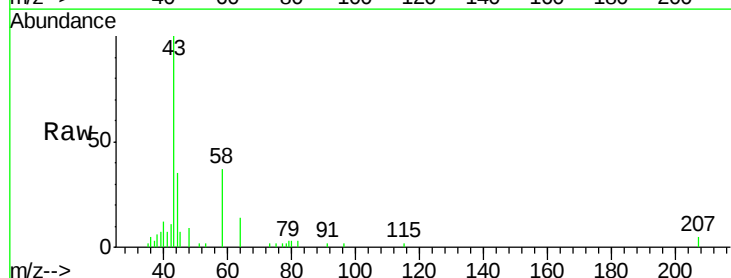
Acq: 24 Nov 2020 12:25

Tgt Ion: 43 Resp: 5482

Ion Ratio Lower Upper

43 100

58 38.1 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

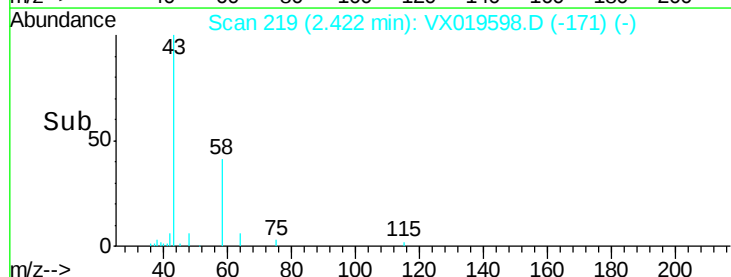
3000

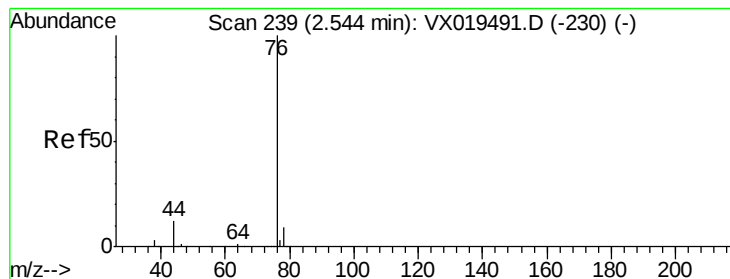
2000

1000

0

Time-->





#17

Carbon Disulfide

Concen: 0.312 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.00 min

Lab File: VX019598.D

Acq: 24 Nov 2020 12:25

Instrument :

MSVOA_X

ClientSampleId :

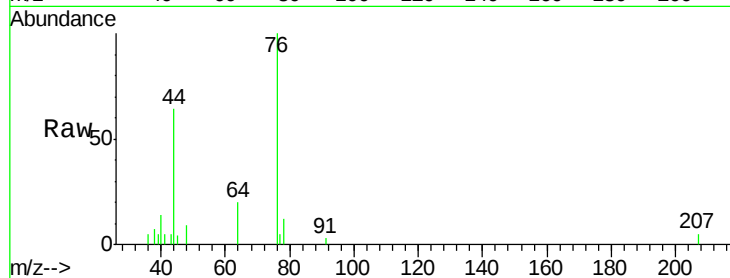
B1-GW

Tot Ion: 76 Resp: 2796

Ion Ratio Lower Upper

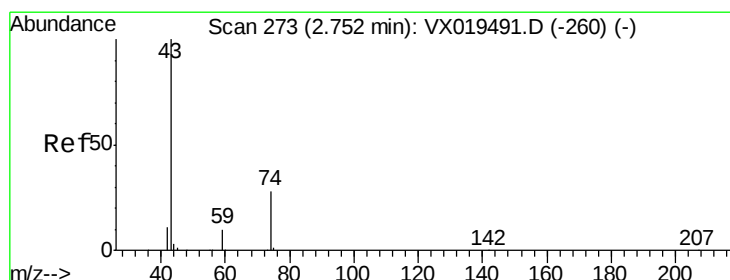
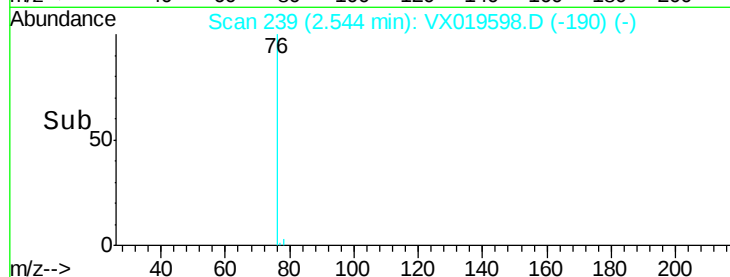
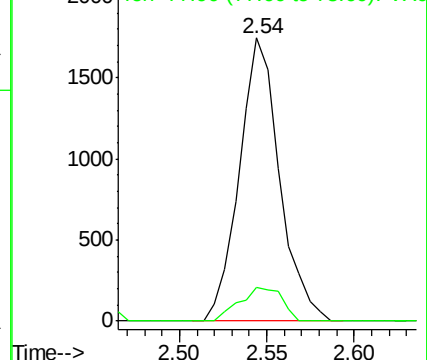
76 100

78 12.1 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 0.976 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX019598.D

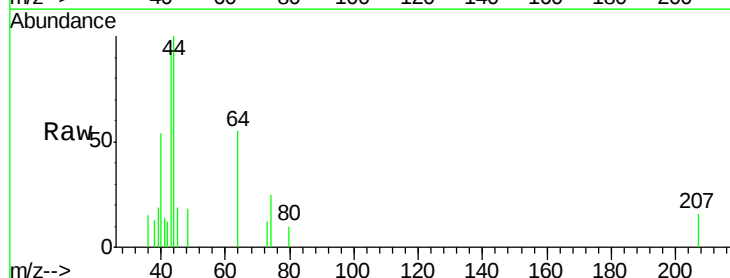
Acq: 24 Nov 2020 12:25

Tgt Ion: 43 Resp: 1429

Ion Ratio Lower Upper

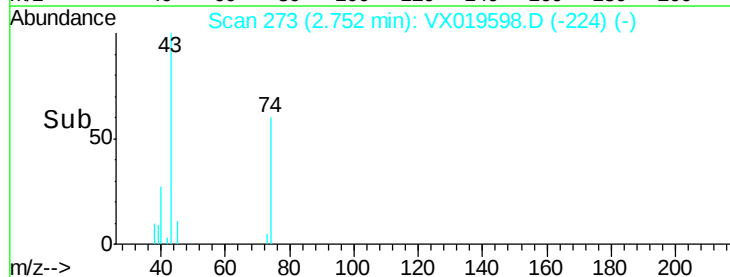
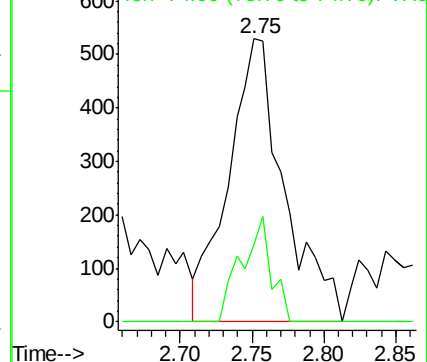
43 100

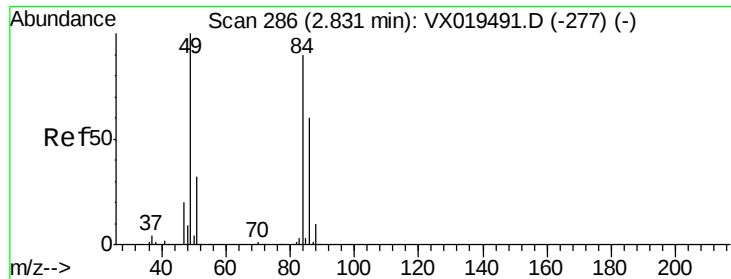
74 19.9 22.2 33.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

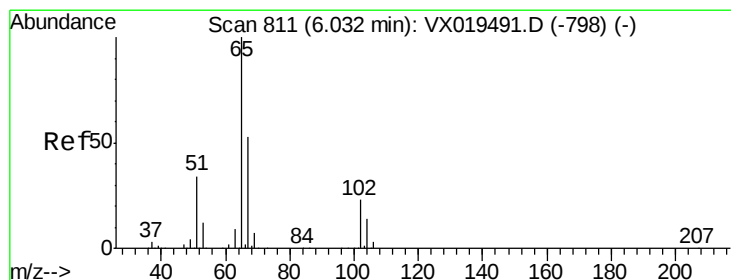
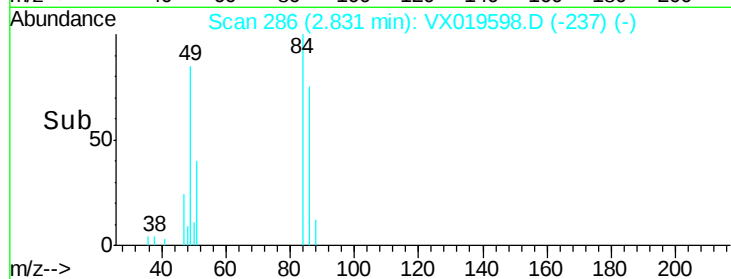
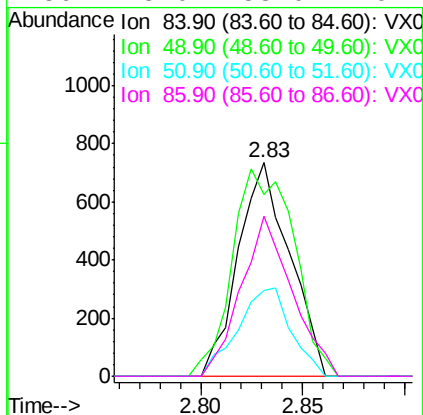
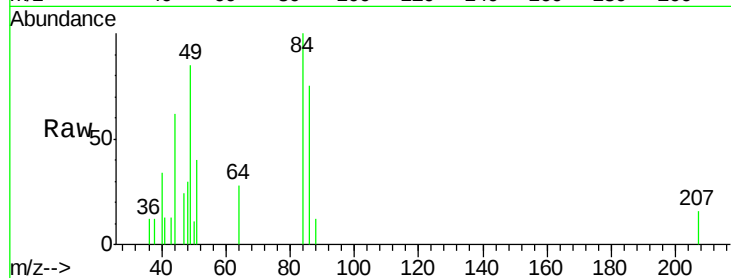




#20
Methvlene Chloride
Concen: 0.306 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019598.D
Acq: 24 Nov 2020 12:25

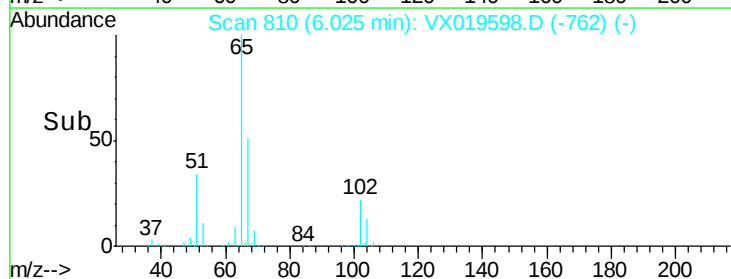
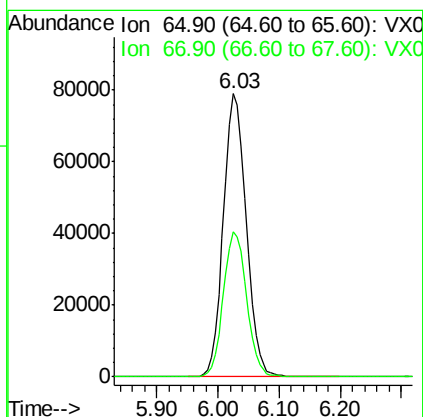
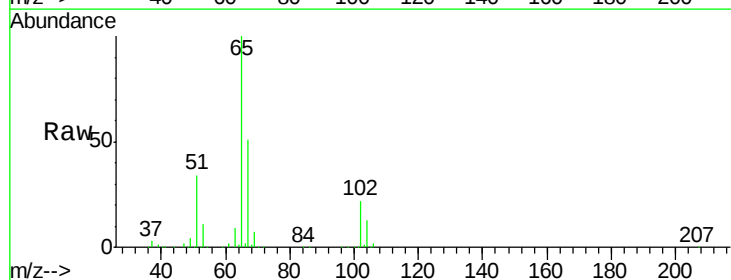
Instrument :
MSVOA_X
ClientSampled :
B1-GW

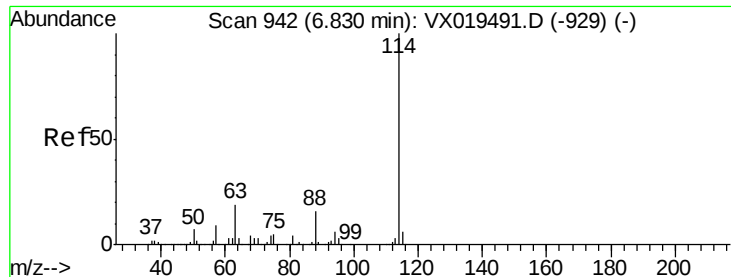
Tot Ion: 84 Resp: 1290
Ion Ratio Lower Upper
84 100
49 85.0 88.5 132.7#
51 40.1 28.0 42.0
86 75.0 53.0 79.4



#33
1,2-Dichloroethane-d4
Concen: 46.889 ug/l
RT: 6.03 min Scan# 810
Delta R.T. -0.01 min
Lab File: VX019598.D
Acq: 24 Nov 2020 12:25

Tgt Ion: 65 Resp: 204213
Ion Ratio Lower Upper
65 100
67 52.1 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: VX019598.D

Acq: 24 Nov 2020 12:25

Instrument :

MSVOA_X

ClientSampleId :

B1-GW

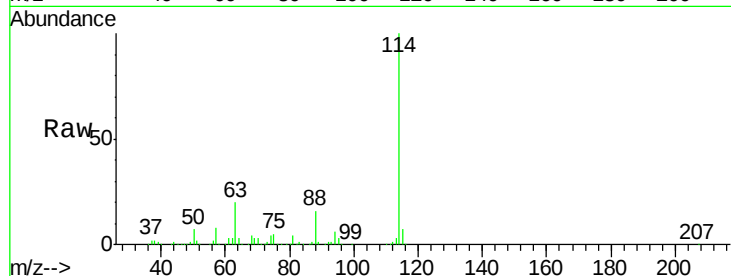
Tot Ion:114 Resp: 545394

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.8

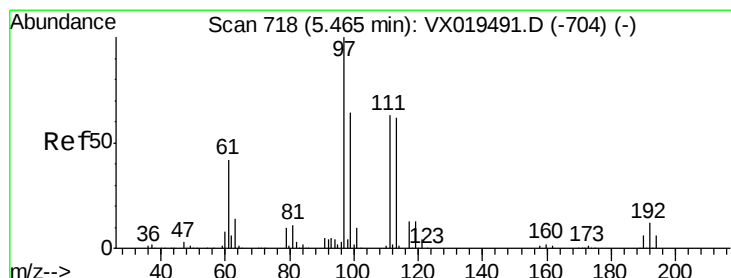
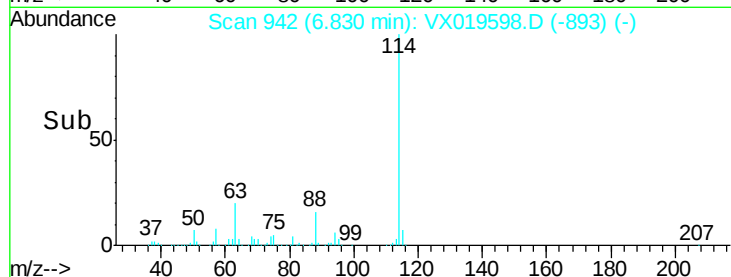
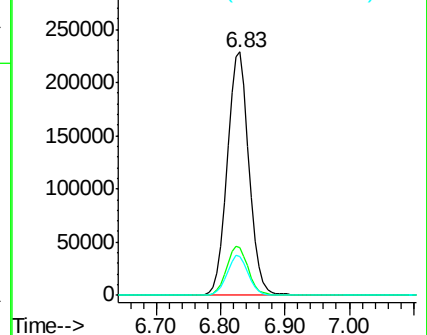
88 16.0 0.0 31.6



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: 47.675 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019598.D

Acq: 24 Nov 2020 12:25

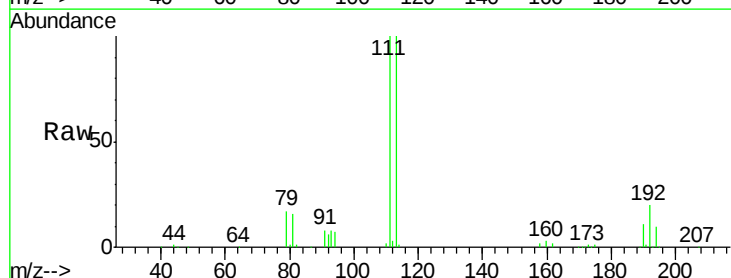
Tgt Ion:113 Resp: 163214

Ion Ratio Lower Upper

113 100

111 101.7 81.5 122.3

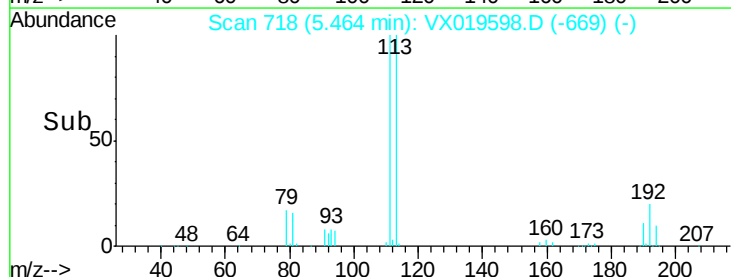
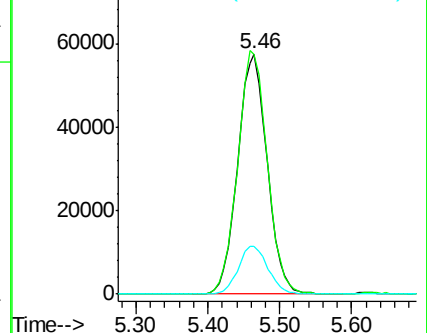
192 20.2 16.2 24.2

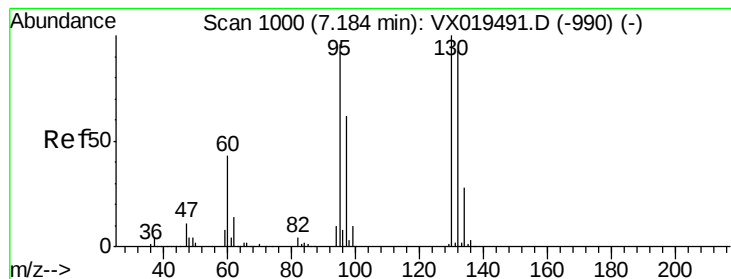


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.314 ug/l

RT: 7.20 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VX019598.D

Acq: 24 Nov 2020 12:25

Instrument :

MSVOA_X

ClientSampleId :

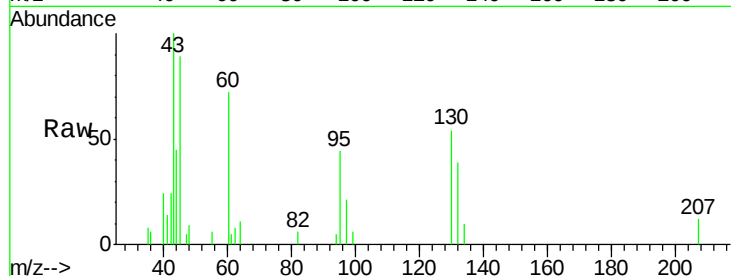
B1-GW

Tot Ion:130 Resp: 1294

Ion Ratio Lower Upper

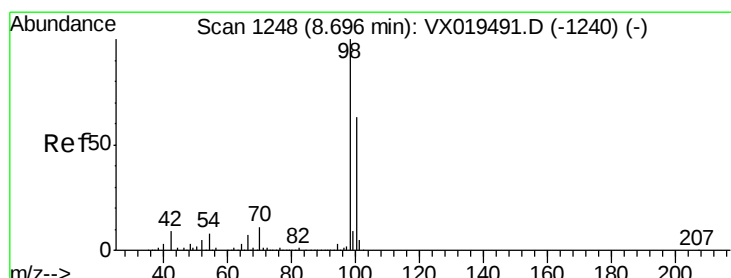
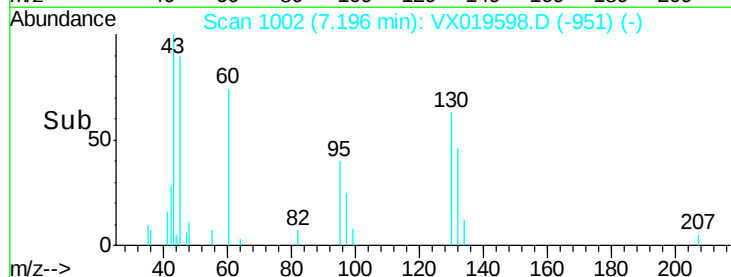
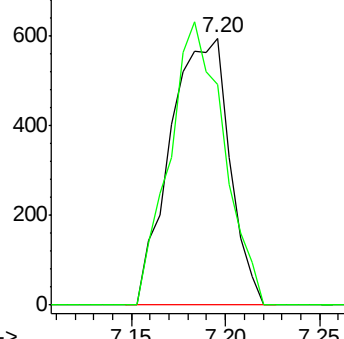
130 100

95 82.6 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: 49.446 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019598.D

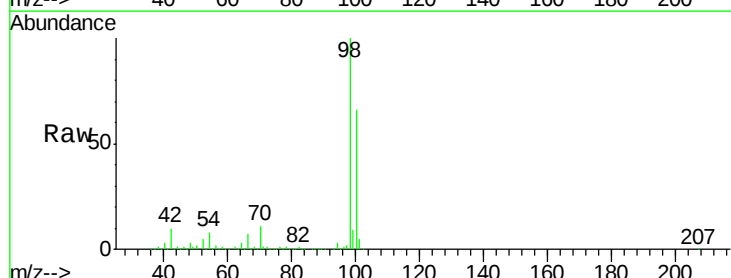
Acq: 24 Nov 2020 12:25

Tgt Ion: 98 Resp: 657792

Ion Ratio Lower Upper

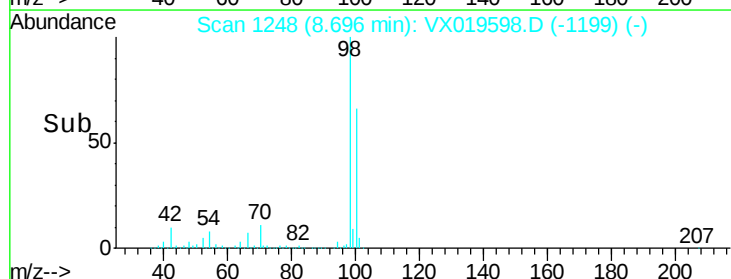
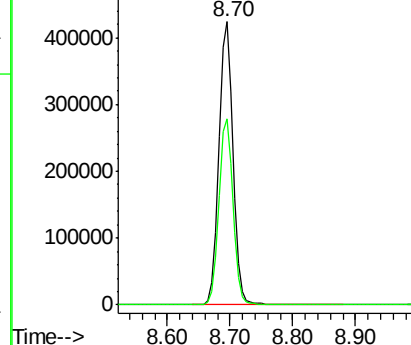
98 100

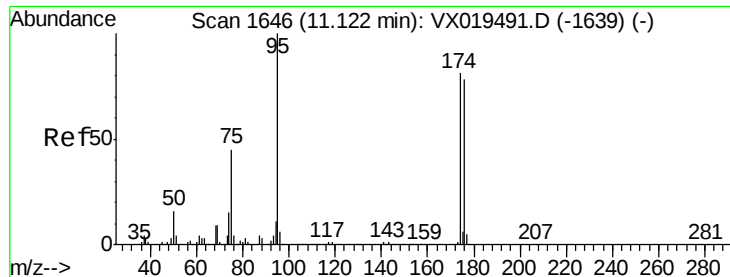
100 66.1 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 46.301 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019598.D

Acq: 24 Nov 2020 12:25

Instrument :

MSVOA_X

ClientSampled :

B1-GW

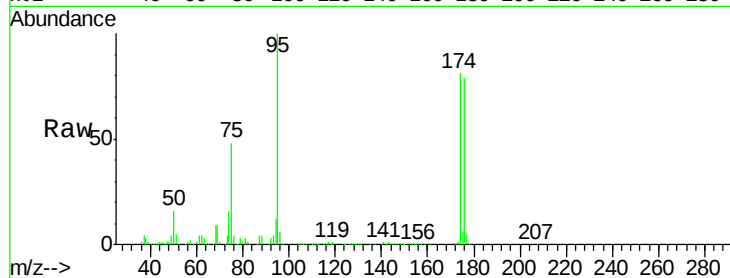
Tot Ion: 95 Resp: 221608

Ion Ratio Lower Upper

95 100

174 78.1 0.0 156.2

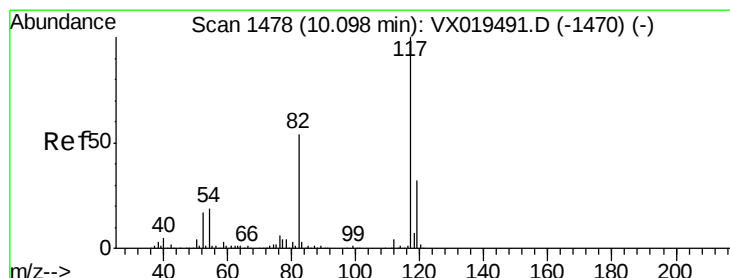
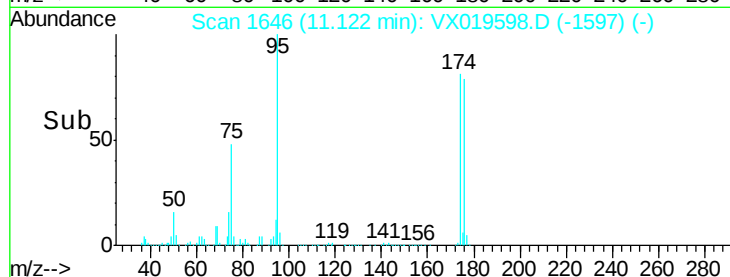
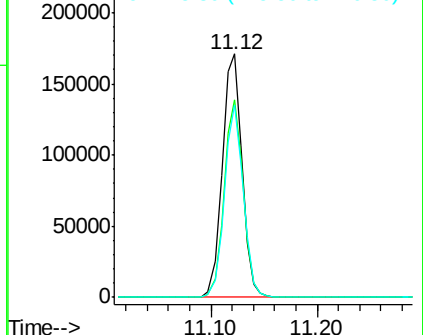
176 75.6 0.0 151.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX019598.D

Acq: 24 Nov 2020 12:25

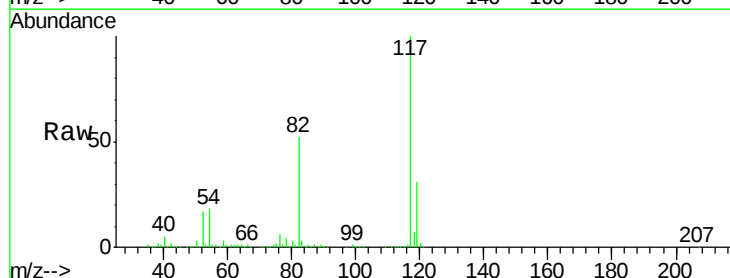
Tgt Ion: 117 Resp: 491073

Ion Ratio Lower Upper

117 100

82 52.5 43.0 64.4

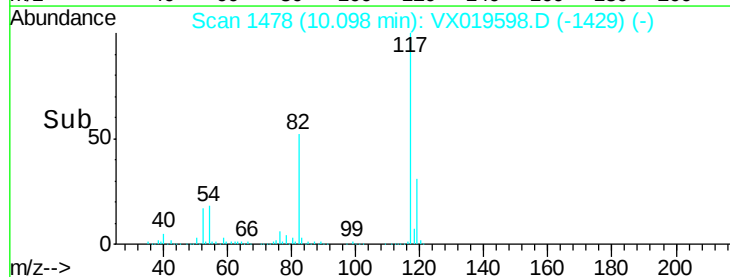
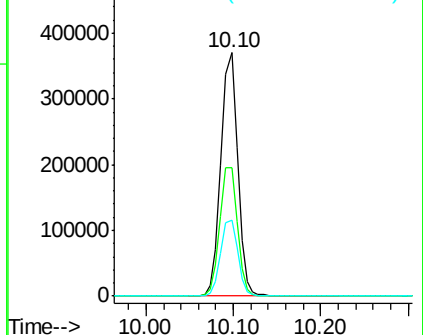
119 31.1 25.6 38.4

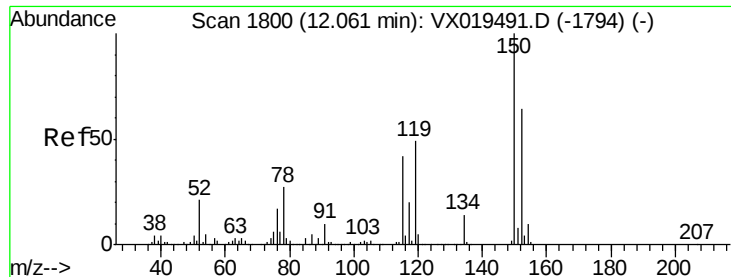


Abundance Ion 116.90 (116.60 to 117.60): VX0

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019598.D

Acq: 24 Nov 2020 12:25

Instrument :

MSVOA_X

ClientSampleId :

B1-GW

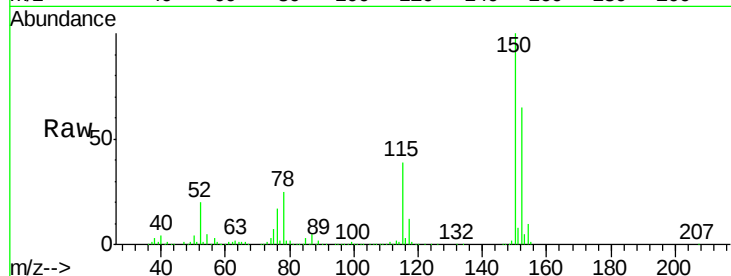
Tot Ion:152 Resp: 201707

Ion Ratio Lower Upper

152 100

115 59.7 41.8 125.4

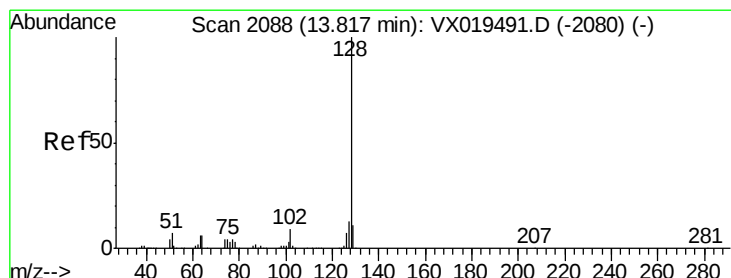
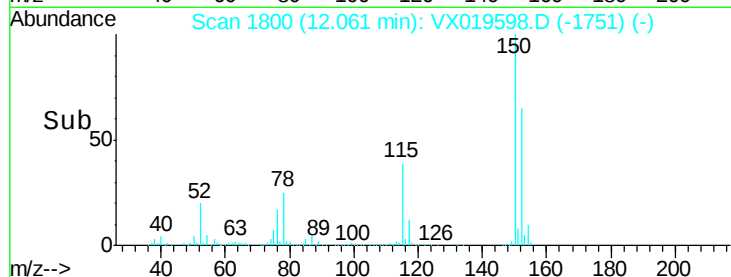
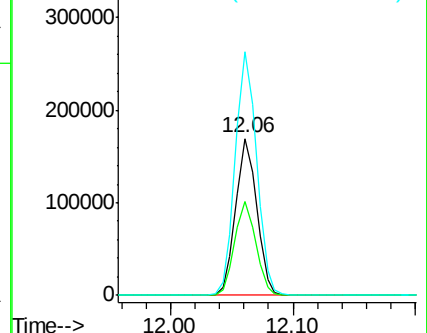
150 156.6 0.0 348.2



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: 2.333 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019598.D

Acq: 24 Nov 2020 12:25

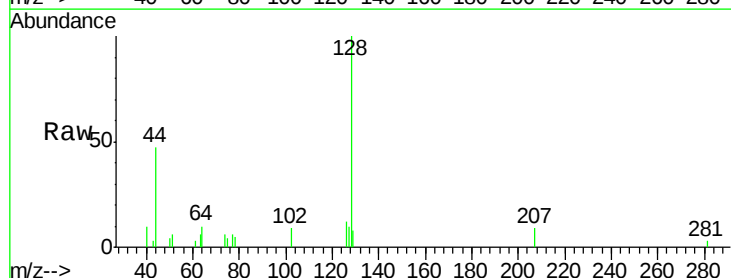
Tgt Ion:128 Resp: 2413

Ion Ratio Lower Upper

128 100

127 9.4 10.3 15.5#

129 9.7 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

