

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121318\
 Data File : VX006503.D
 Acq On : 13 Dec 2018 18:51
 Operator : JC/MD
 Sample : J6199-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SU-04-121218-B

Quant Time: Dec 14 01:09:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

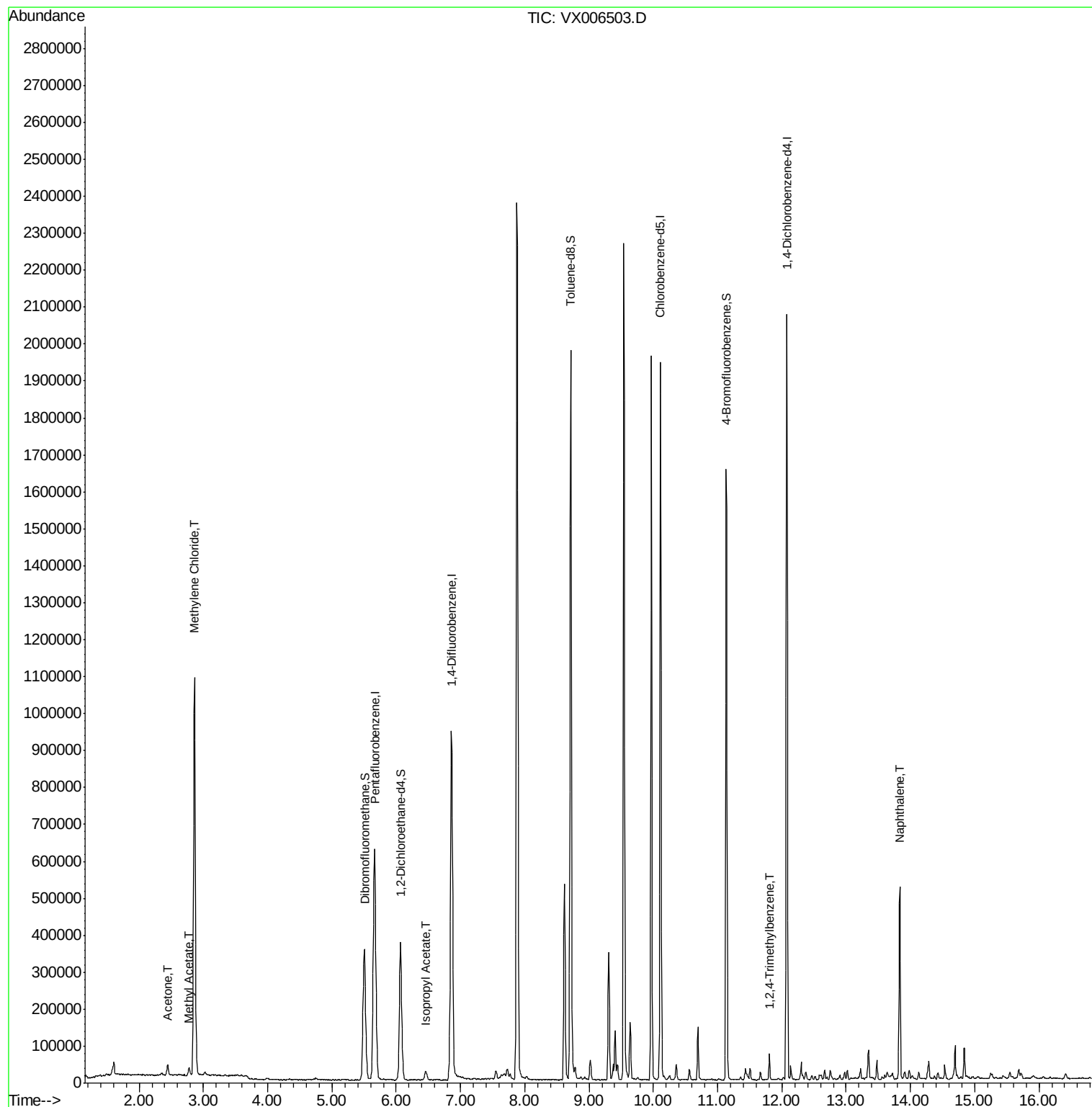
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	634302	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1021015	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	952496	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	458862	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	347308	53.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.28%	
35) Dibromofluoromethane	5.51	113	304690	46.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.18%	
50) Toluene-d8	8.71	98	1218581	50.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.36%	
62) 4-Bromofluorobenzene	11.13	95	452583	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.90%	
Target Compounds						
16) Acetone	2.45	43	28999	9.543	ug/l	92
18) Methyl Acetate	2.78	43	25210	2.481	ug/l	98
20) Methylene Chloride	2.86	84	503676	77.881	ug/l	95
43) Isopropyl Acetate	6.46	43	33319	2.075	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	31037	1.140	ug/l	98
95) Naphthalene	13.83	128	336246	9.541	ug/l	100

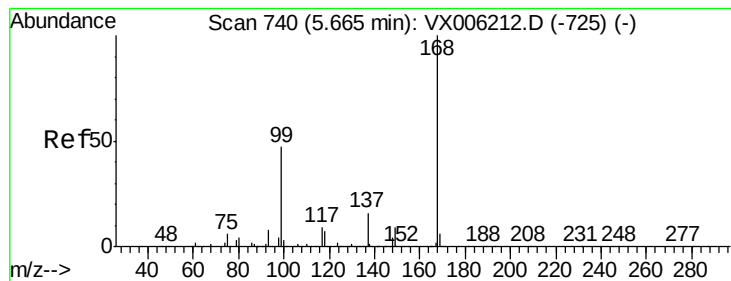
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006503.D

Acq: 13 Dec 2018 18:51

Instrument :

MSVOA_X

ClientSampleId :

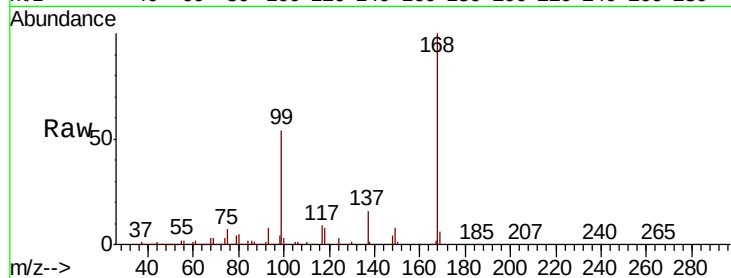
SU-04-121218-B

Tot Ion:168 Resp: 634302

Ion Ratio Lower Upper

168 100

99 53.5 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

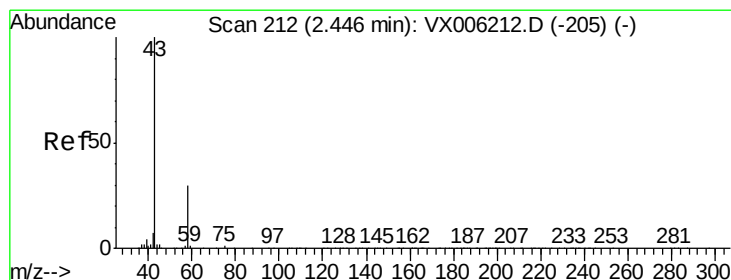
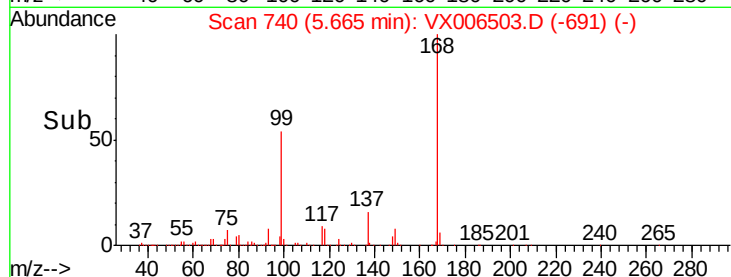
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 9.543 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006503.D

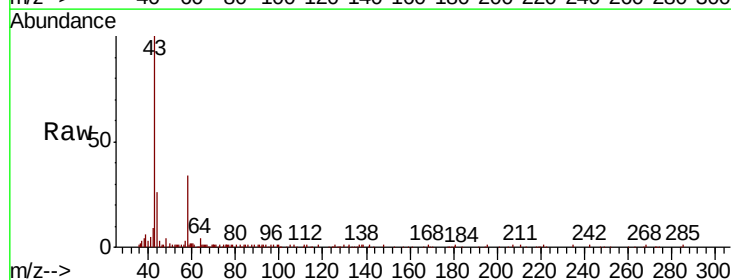
Acq: 13 Dec 2018 18:51

Tgt Ion: 43 Resp: 28999

Ion Ratio Lower Upper

43 100

58 34.6 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

20000

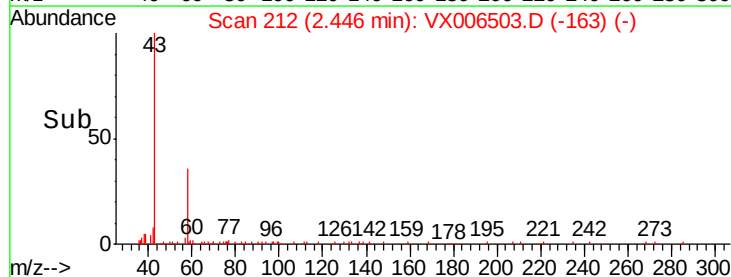
15000

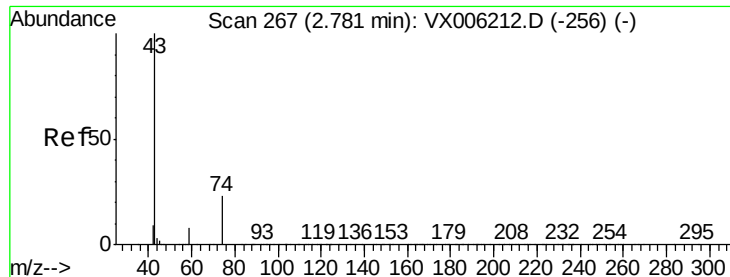
10000

5000

0

Time--> 2.40 2.50

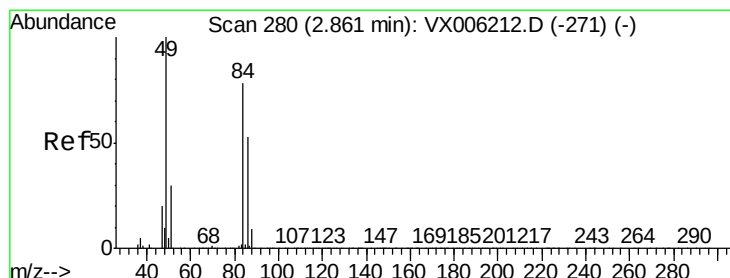
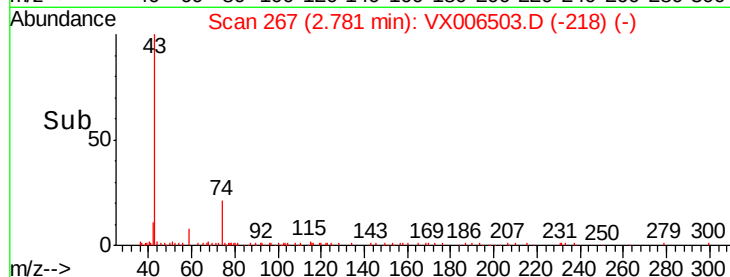
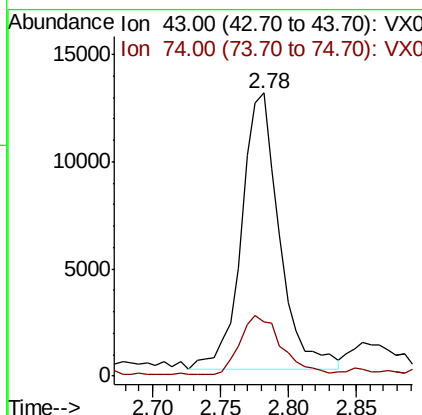
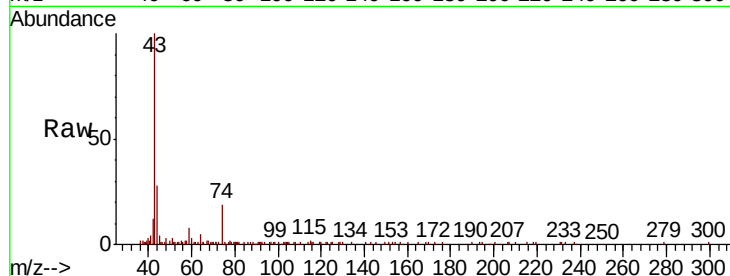




#18
Methyl Acetate
Concen: 2.481 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX006503.D
Acq: 13 Dec 2018 18:51

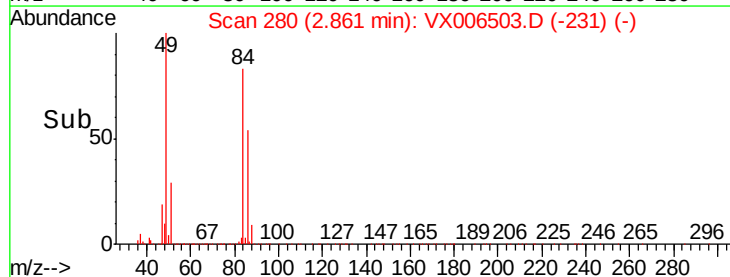
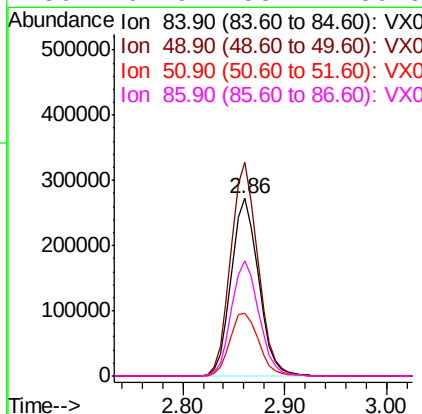
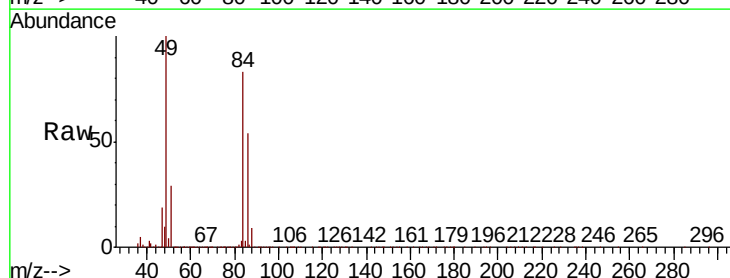
Instrument :
MSVOA_X
ClientSampleId :
SU-04-121218-B

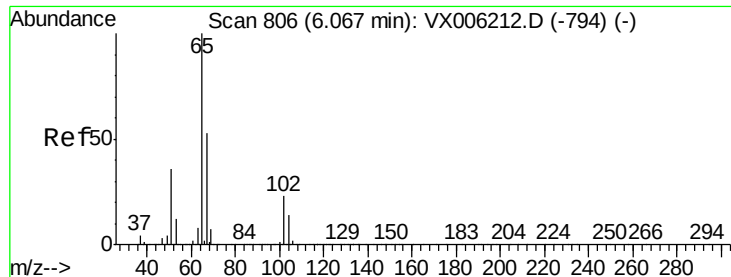
Tot Ion: 43 Resp: 25210
Ion Ratio Lower Upper
43 100
74 23.1 17.9 26.9



#20
Methylene Chloride
Concen: 77.881 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006503.D
Acq: 13 Dec 2018 18:51

Tgt Ion: 84 Resp: 503676
Ion Ratio Lower Upper
84 100
49 120.2 102.2 153.4
51 35.3 31.1 46.7
86 64.9 53.7 80.5

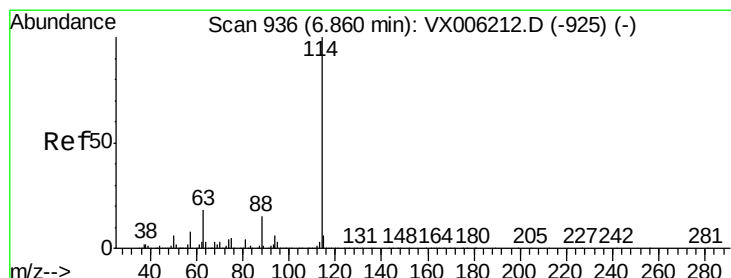
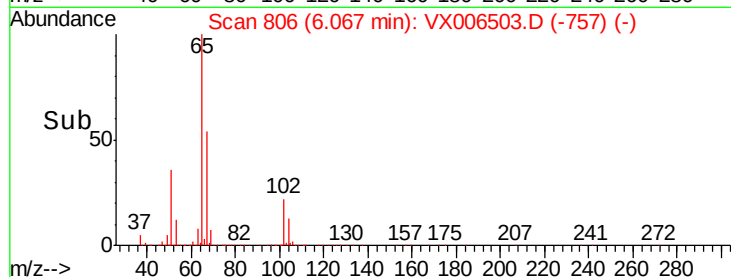
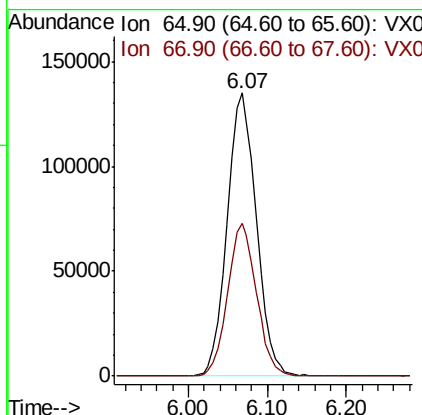
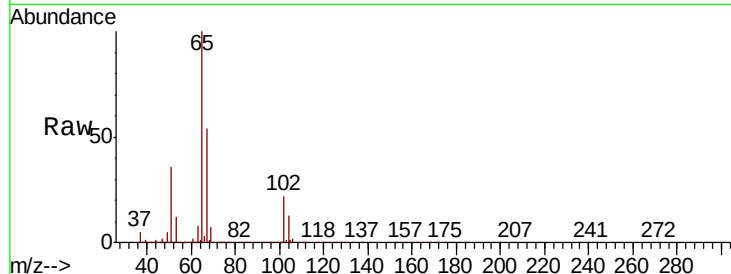




#33
 1,2-Dichloroethane-d4
 Concen: 53.637 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006503.D
 Acq: 13 Dec 2018 18:51

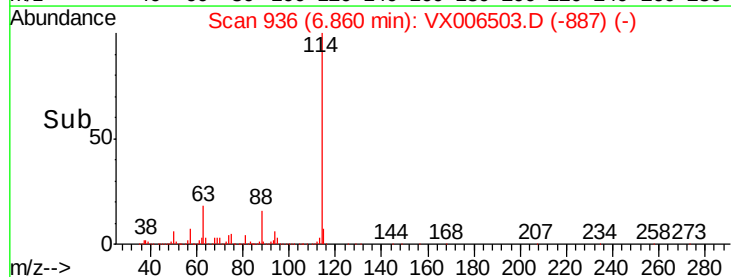
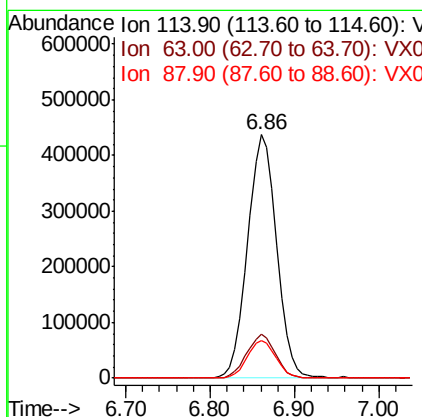
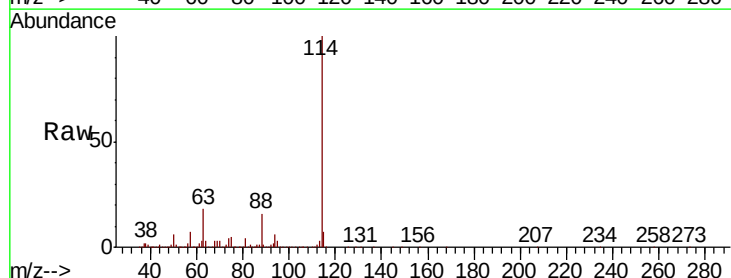
Instrument :
 MSVOA_X
 ClientSampleId :
 SU-04-121218-B

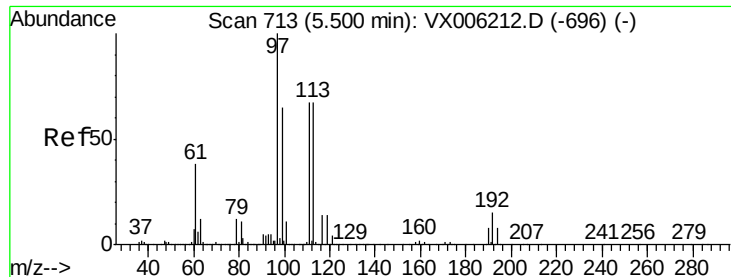
Tot Ion: 65 Resp: 347308
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006503.D
 Acq: 13 Dec 2018 18:51

Tgt Ion: 114 Resp: 1021015
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 36.6
 88 15.6 0.0 29.0





#35

Dibromofluoromethane

Concen: 46.091 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006503.D

Acq: 13 Dec 2018 18:51

Instrument :

MSVOA_X

ClientSampleId :

SU-04-121218-B

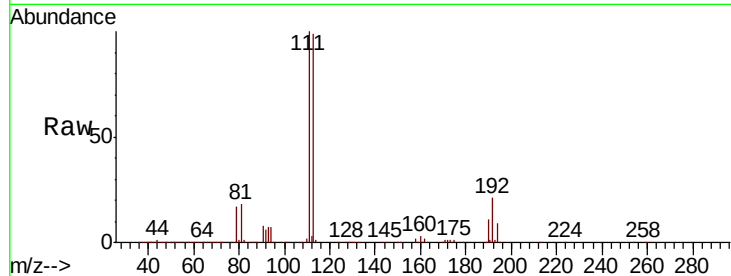
Tot Ion:113 Resp: 304690

Ion Ratio Lower Upper

113 100

111 102.8 81.1 121.7

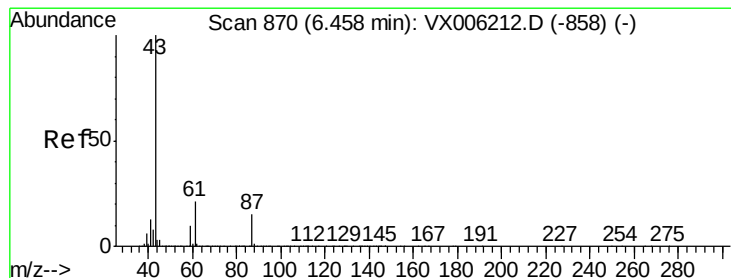
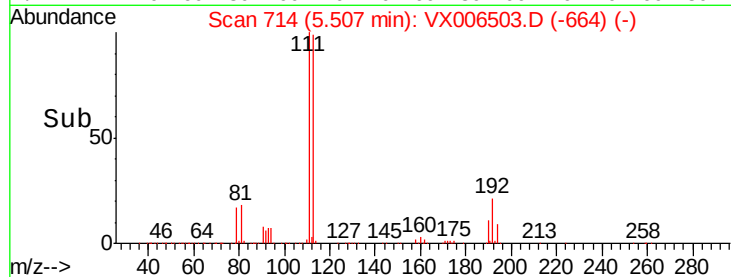
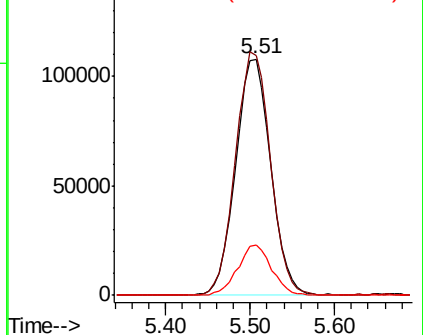
192 20.5 18.2 27.2



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: 2.075 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006503.D

Acq: 13 Dec 2018 18:51

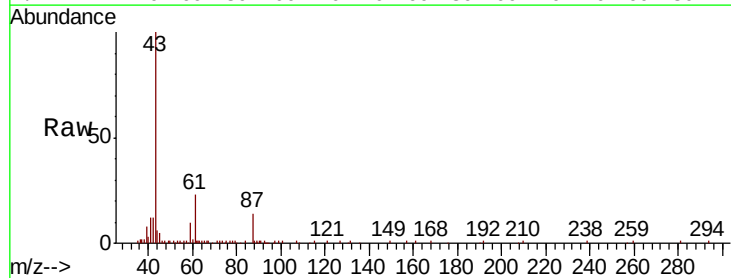
Tgt Ion: 43 Resp: 33319

Ion Ratio Lower Upper

43 100

61 24.6 16.8 25.2

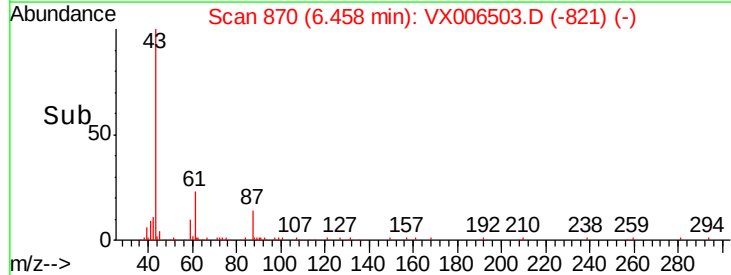
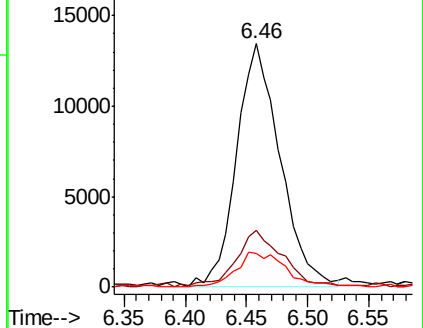
87 16.7 11.9 17.9

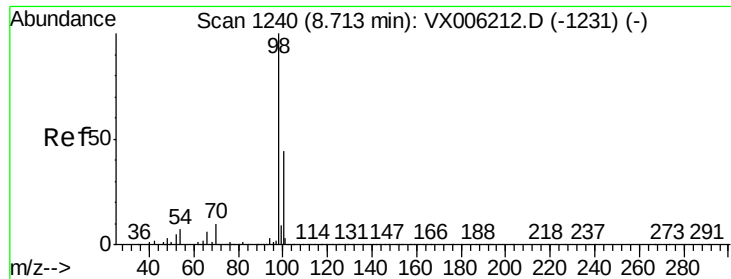


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

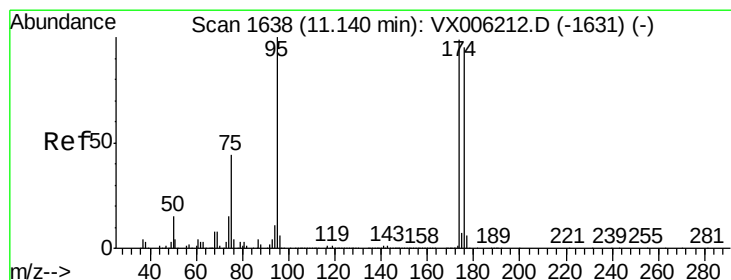
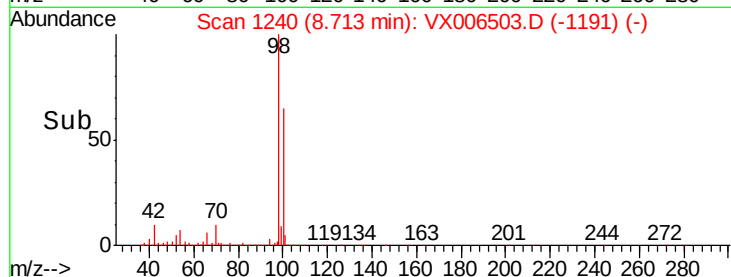
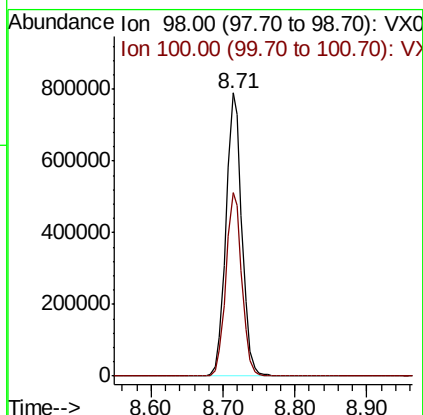
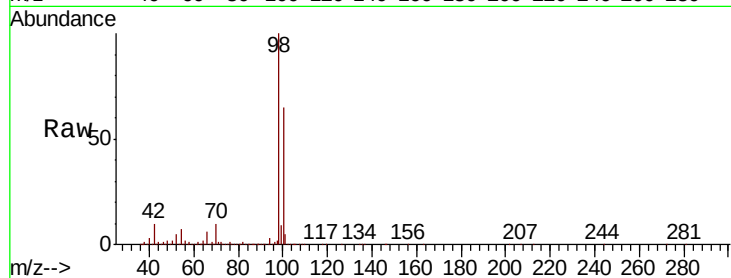




#50
Toluene-d8
Concen: 50.678 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006503.D
Acq: 13 Dec 2018 18:51

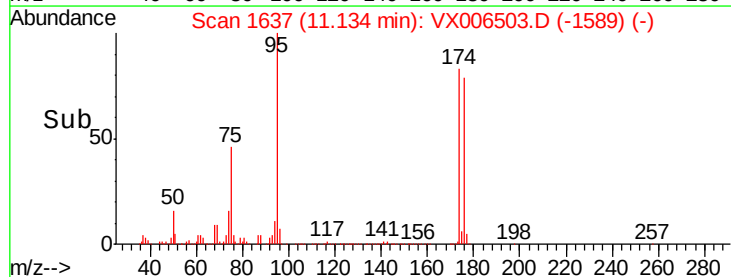
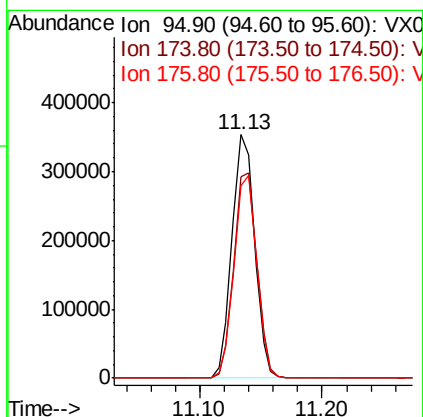
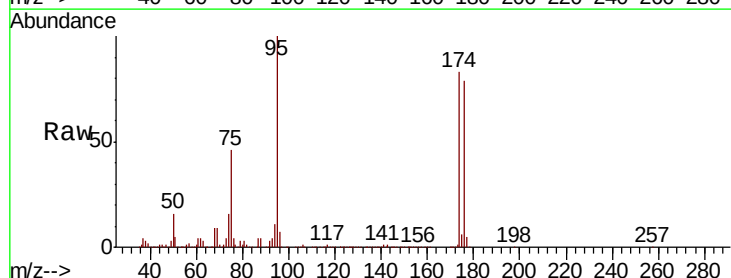
Instrument :
MSVOA_X
ClientSampleId :
SU-04-121218-B

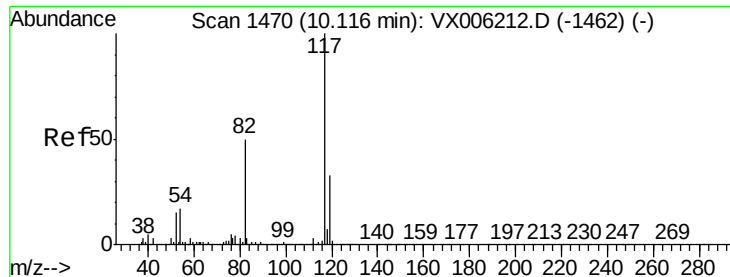
Tot Ion: 98 Resp: 1218581
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 49.948 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006503.D
Acq: 13 Dec 2018 18:51

Tgt Ion: 95 Resp: 452583
Ion Ratio Lower Upper
95 100
174 85.8 0.0 187.0
176 83.4 0.0 181.8

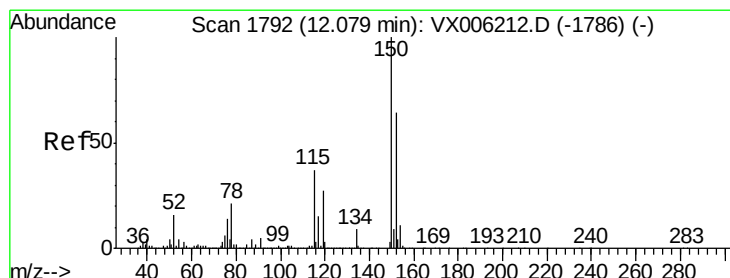
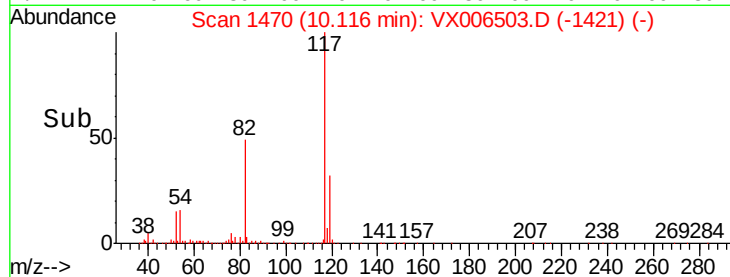
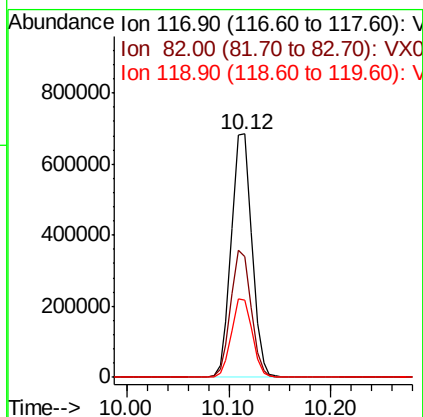
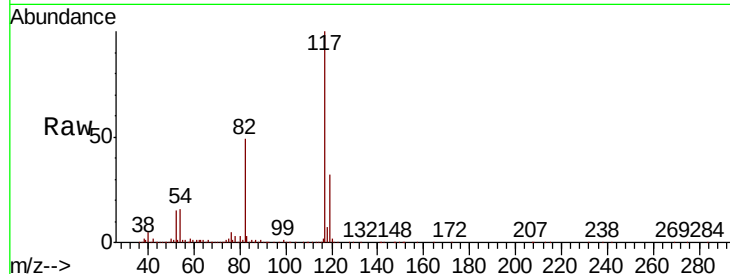




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006503.D
Acq: 13 Dec 2018 18:51

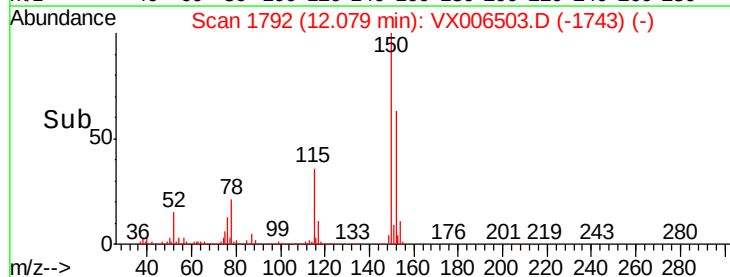
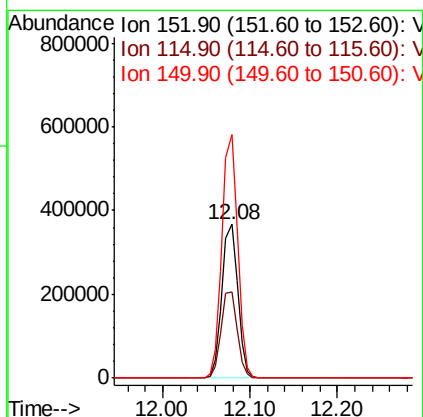
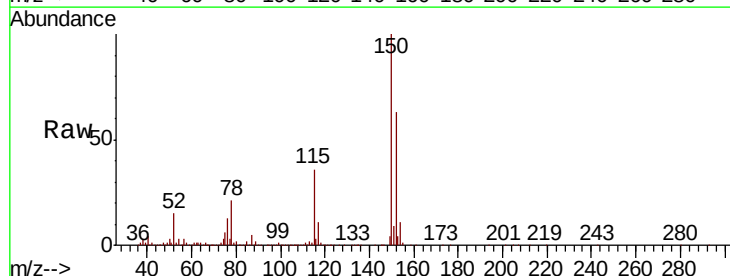
Instrument :
MSVOA_X
ClientSampleId :
SU-04-121218-B

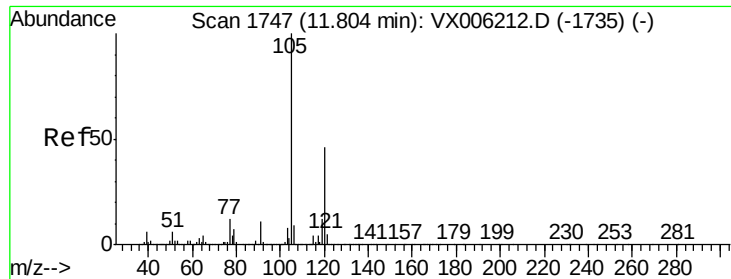
Tot Ion	Ratio	Lower	Upper
117	100		
82	49.3	39.6	59.4
119	31.5	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006503.D
Acq: 13 Dec 2018 18:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.2	39.0	116.9
150	156.7	0.0	345.8





#84

1,2,4-Trimethylbenzene

Concen: 1.140 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006503.D

Acq: 13 Dec 2018 18:51

Instrument :

MSVOA_X

ClientSampleId :

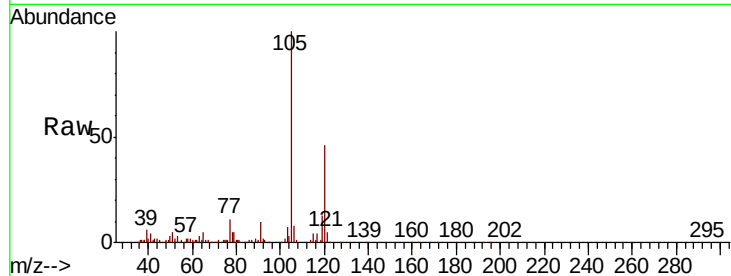
SU-04-121218-B

Tot Ion:105 Resp: 31037

Ion Ratio Lower Upper

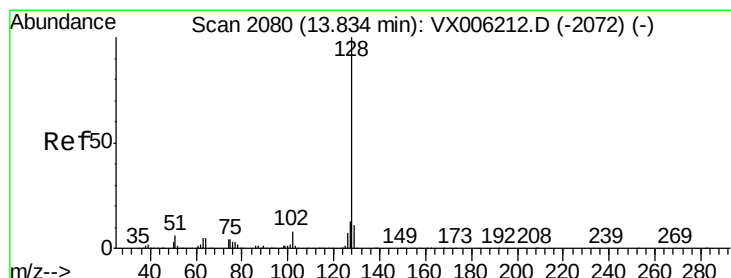
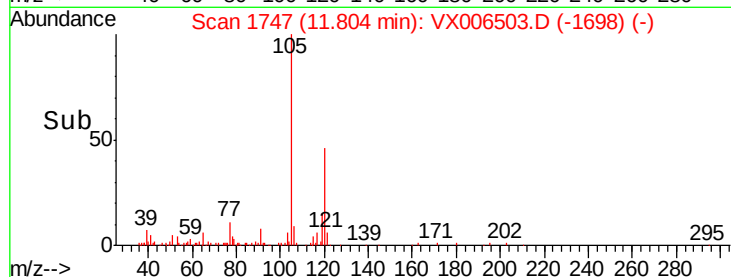
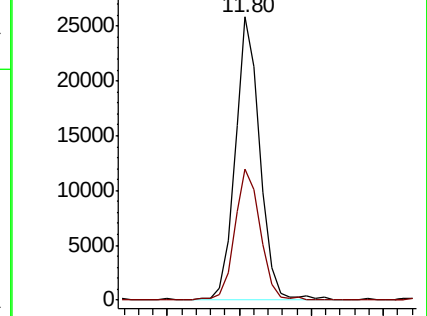
105 100

120 48.0 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 9.541 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006503.D

Acq: 13 Dec 2018 18:51

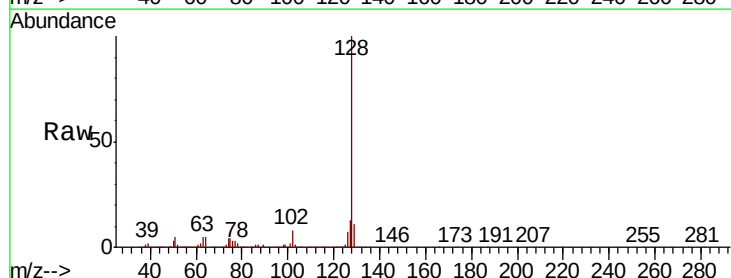
Tgt Ion:128 Resp: 336246

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 11.2 8.9 13.3



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

