

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091718\
 Data File : VX004643.D
 Acq On : 18 Sep 2018 02:12
 Operator : JC/MD
 Sample : J4936-30
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PHASE-2

Quant Time: Sep 18 02:38:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

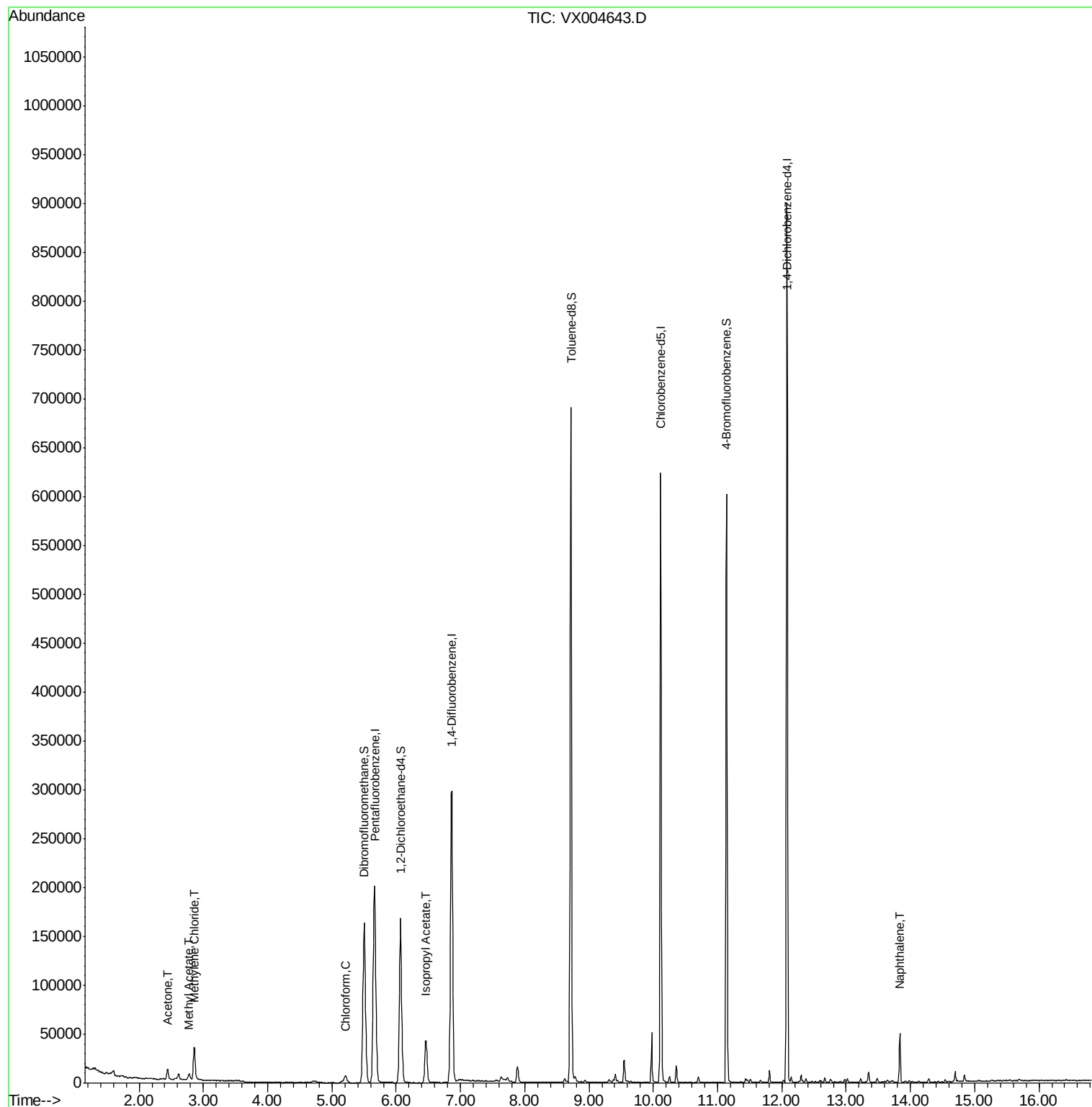
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	208789	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	319541	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	294473	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	187796	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	145429	54.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.04%	
35) Dibromofluoromethane	5.50	113	139970	47.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.74%	
50) Toluene-d8	8.72	98	426989	43.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.08%	
62) 4-Bromofluorobenzene	11.14	95	147047	42.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.02%	
Target Compounds						
16) Acetone	2.44	43	10669	8.12	ug/l	Qvalue 100
18) Methyl Acetate	2.78	43	7713	2.09	ug/l	97
20) Methylene Chloride	2.85	84	16371	6.07	ug/l	99
30) Chloroform	5.21	83	8441	1.90	ug/l	91
43) Isopropyl Acetate	6.46	43	55591	9.49	ug/l	99
95) Naphthalene	13.83	128	32241	2.51	ug/l	99

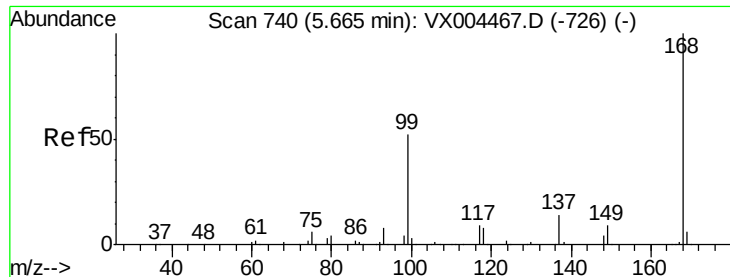
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX004643.D

Acq: 18 Sep 2018 02:12

Instrument :

MSVOA_X

ClientSampleId :

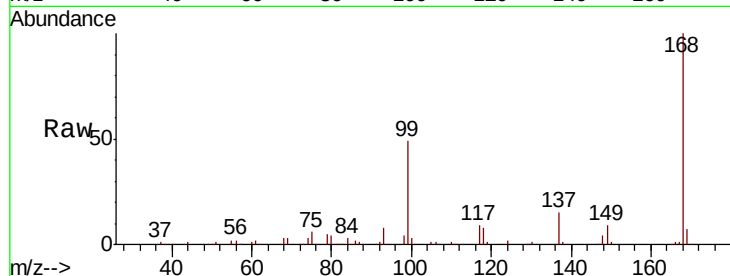
PHASE-2

Tot Ion:168 Resp: 208789

Ion Ratio Lower Upper

168 100

99 48.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

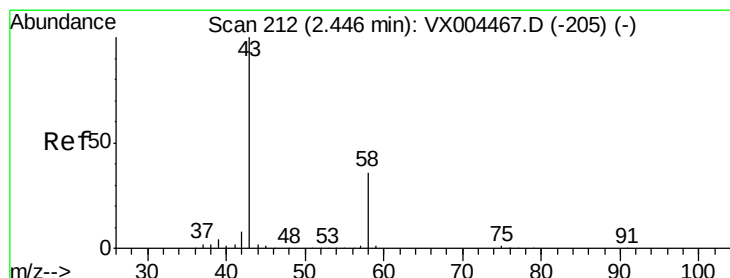
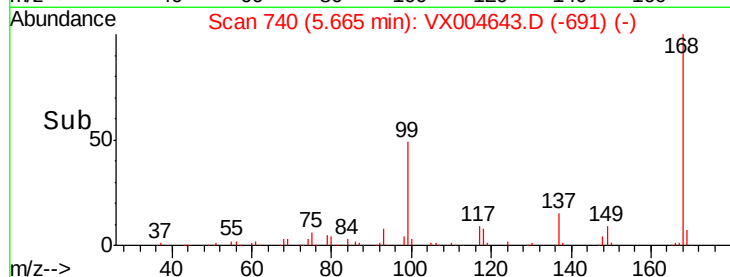
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 8.12 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX004643.D

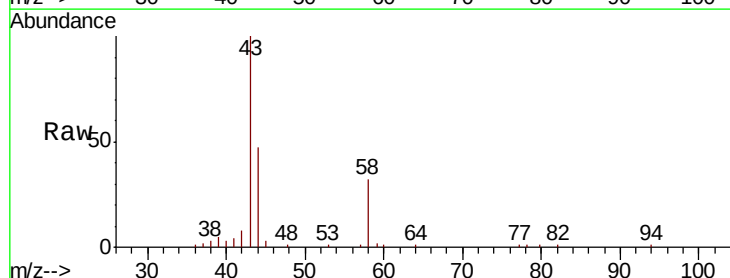
Acq: 18 Sep 2018 02:12

Tgt Ion: 43 Resp: 10669

Ion Ratio Lower Upper

43 100

58 32.5 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

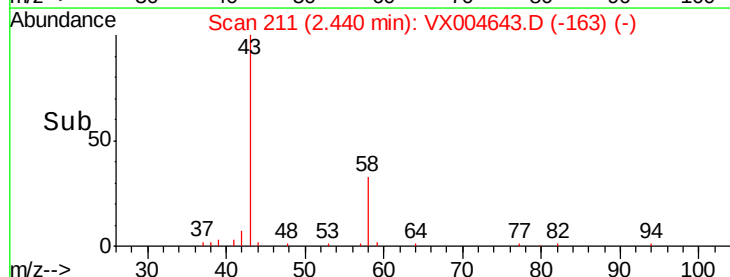
6000

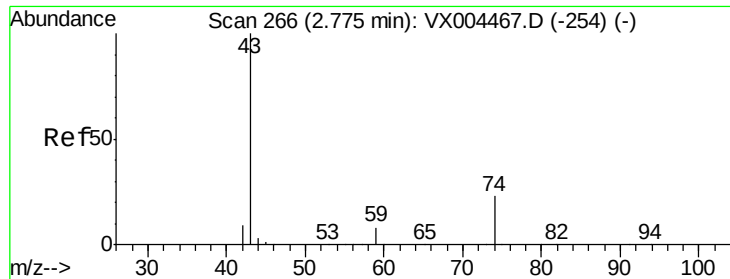
4000

2000

0

Time--> 2.35 2.40 2.45 2.50 2.55

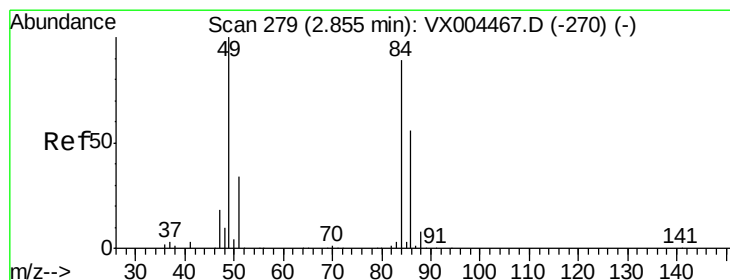
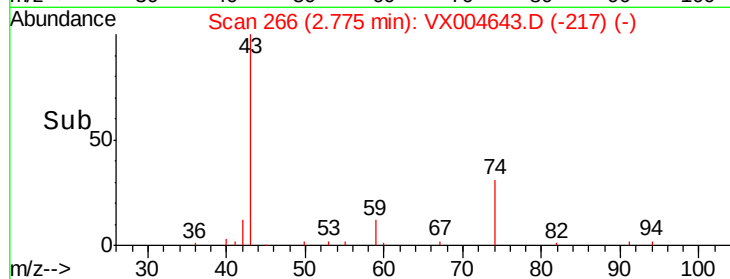
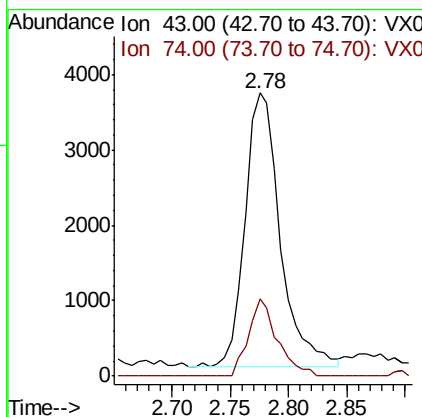
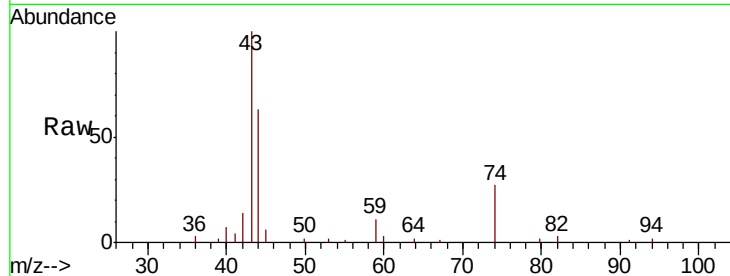




#18
Methyl Acetate
Concen: 2.09 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX004643.D
Acq: 18 Sep 2018 02:12

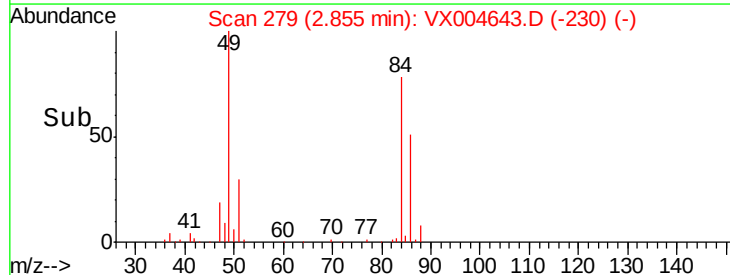
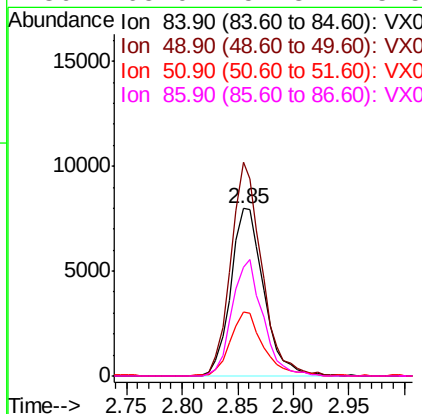
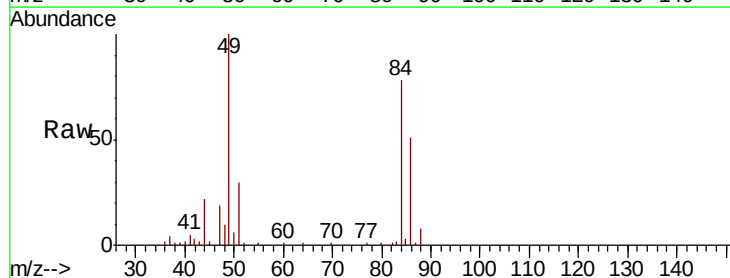
Instrument :
MSVOA_X
ClientSampleId :
PHASE-2

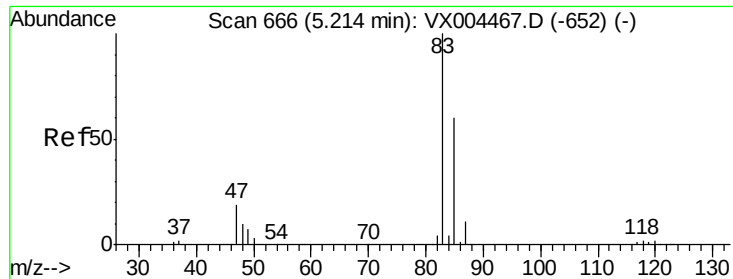
Tot Ion: 43 Resp: 7713
Ion Ratio Lower Upper
43 100
74 22.9 19.4 29.2



#20
Methylene Chloride
Concen: 6.07 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004643.D
Acq: 18 Sep 2018 02:12

Tgt Ion: 84 Resp: 16371
Ion Ratio Lower Upper
84 100
49 127.6 101.2 151.8
51 37.9 29.5 44.3
86 65.0 52.3 78.5

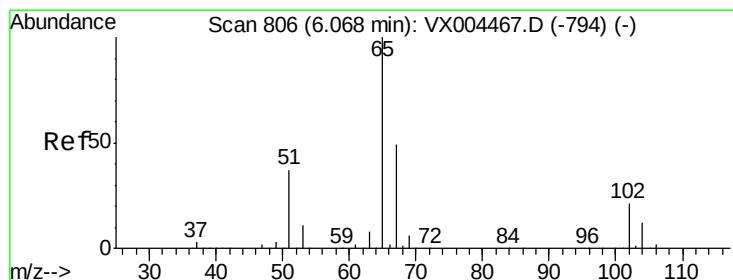
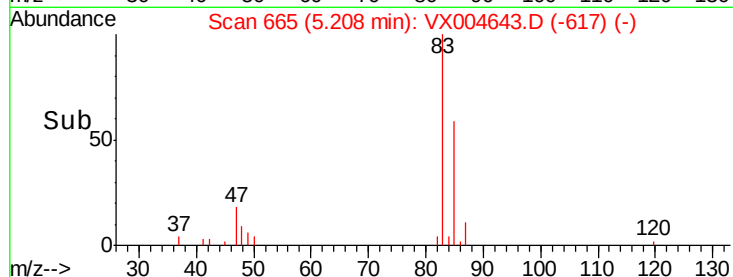
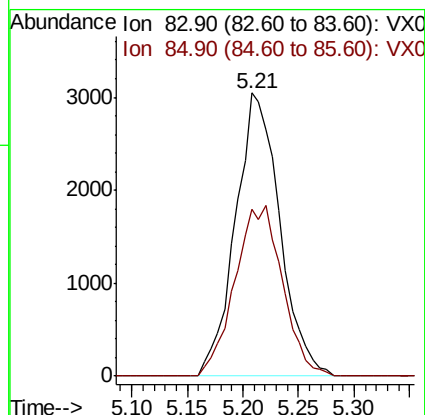
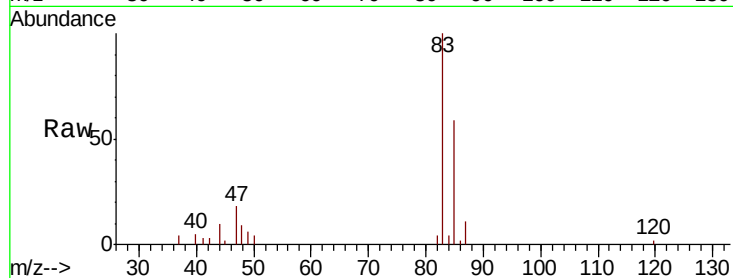




#30
Chloroform
Concen: 1.90 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX004643.D
Acq: 18 Sep 2018 02:12

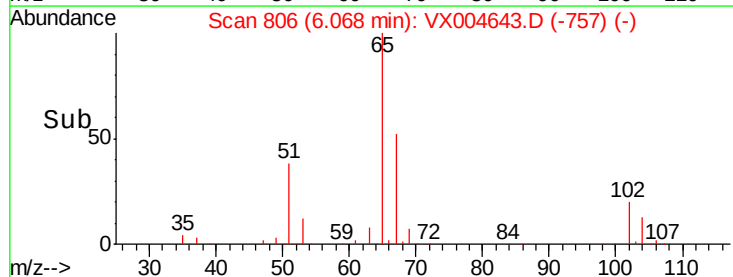
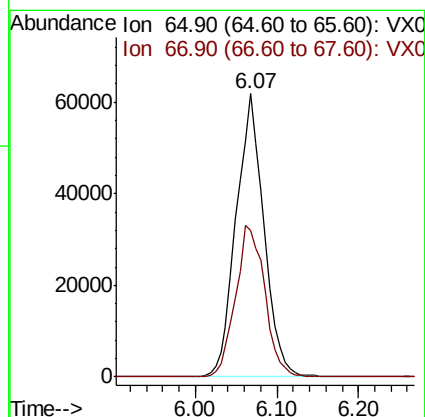
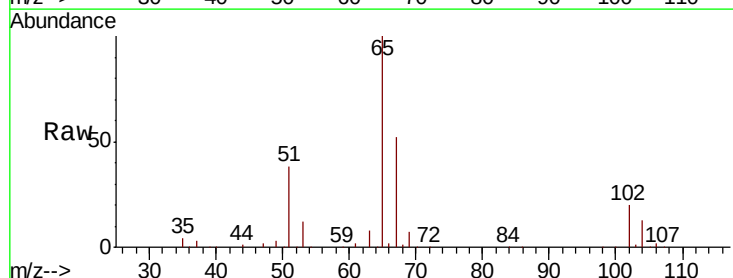
Instrument :
MSVOA_X
ClientSampleId :
PHASE-2

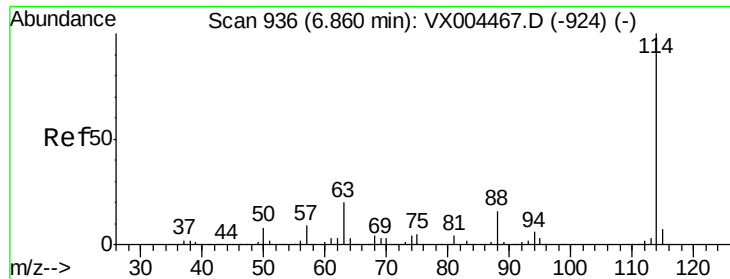
Tot Ion: 83 Resp: 8441
Ion Ratio Lower Upper
83 100
85 58.8 52.6 79.0



#33
1,2-Dichloroethane-d4
Concen: 54.02 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX004643.D
Acq: 18 Sep 2018 02:12

Tgt Ion: 65 Resp: 145429
Ion Ratio Lower Upper
65 100
67 56.2 0.0 106.8

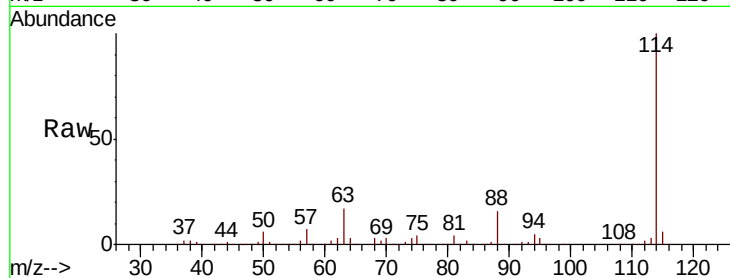




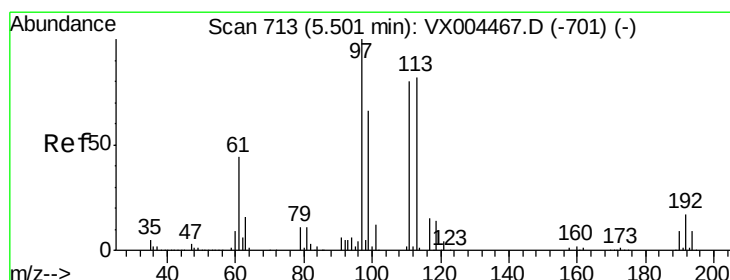
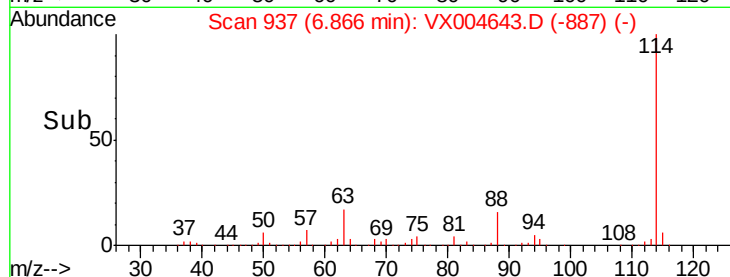
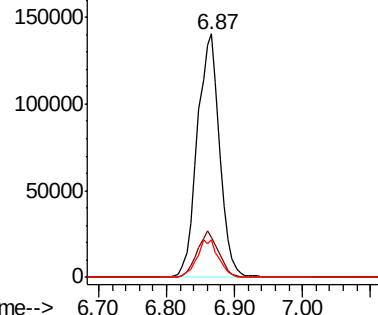
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX004643.D
 Acq: 18 Sep 2018 02:12

Instrument :
 MSVOA_X
 ClientSampleId :
 PHASE-2

Tot Ion:114 Resp: 319541
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 39.0
 88 15.7 0.0 30.4

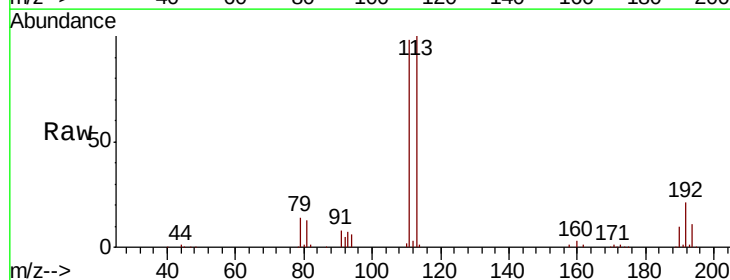


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

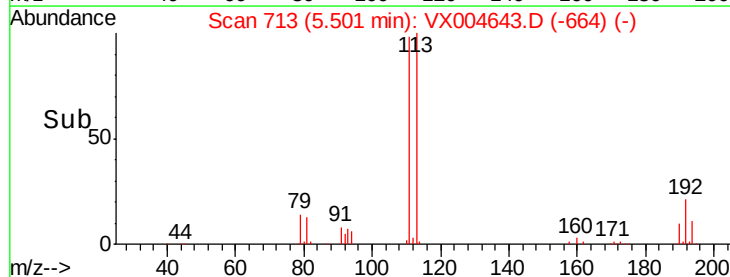
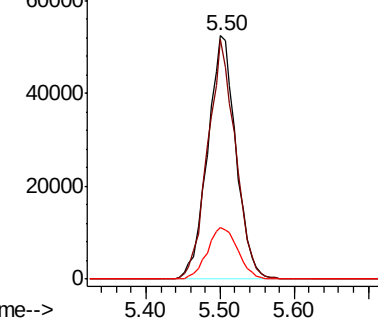


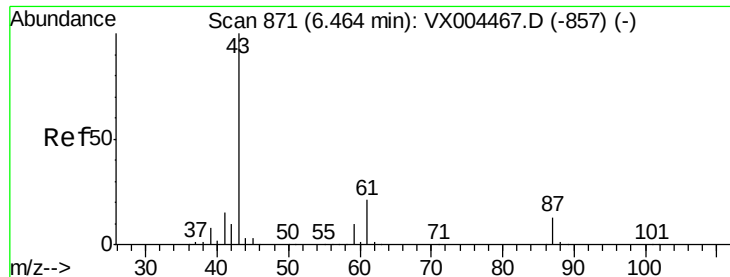
#35
 Dibromofluoromethane
 Concen: 47.87 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004643.D
 Acq: 18 Sep 2018 02:12

Tgt Ion:113 Resp: 139970
 Ion Ratio Lower Upper
 113 100
 111 96.3 82.4 123.6
 192 23.0 19.4 29.2



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: 9.49 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX004643.D

Acq: 18 Sep 2018 02:12

Instrument :

MSVOA_X

ClientSampleId :

PHASE-2

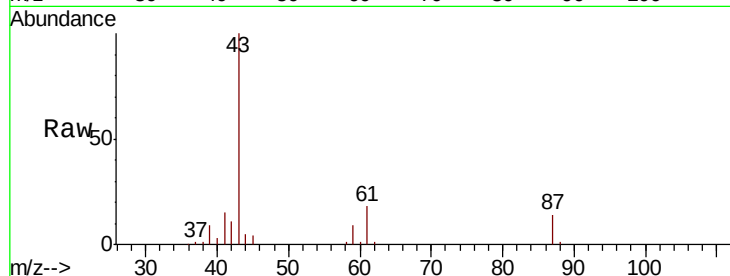
Tot Ion: 43 Resp: 55591

Ion Ratio Lower Upper

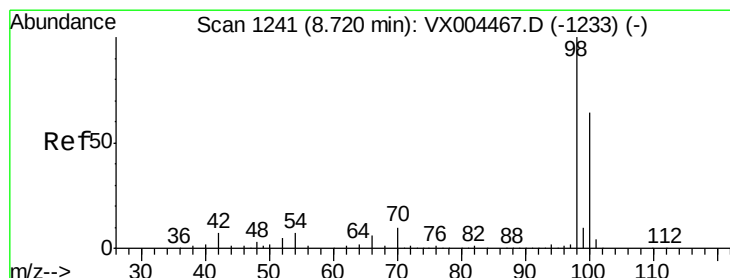
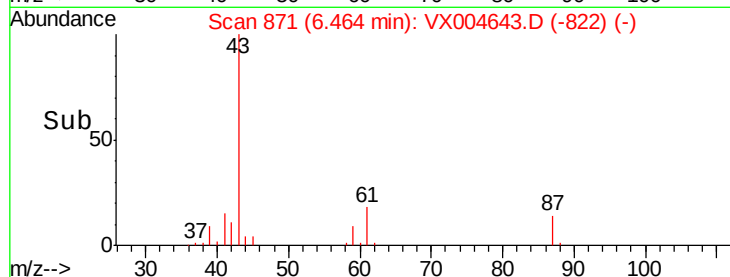
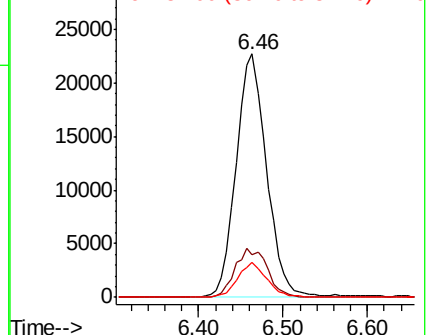
43 100

61 21.2 17.0 25.4

87 13.5 11.4 17.2



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: 43.54 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VX004643.D

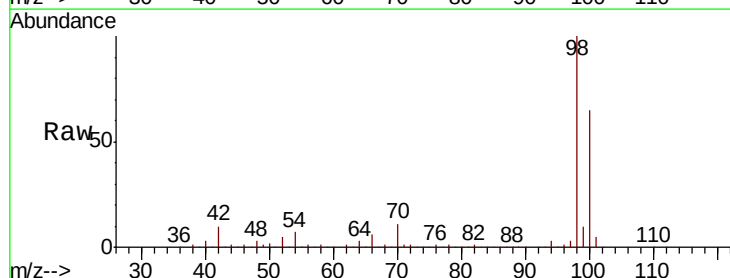
Acq: 18 Sep 2018 02:12

Tgt Ion: 98 Resp: 426989

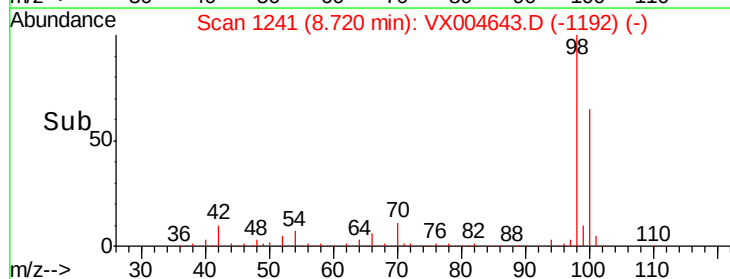
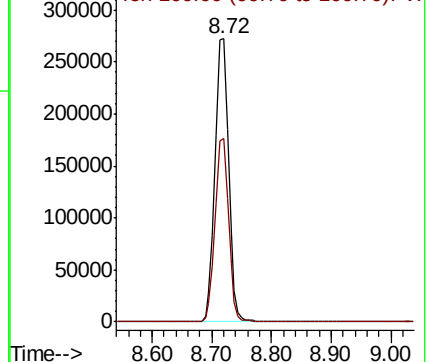
Ion Ratio Lower Upper

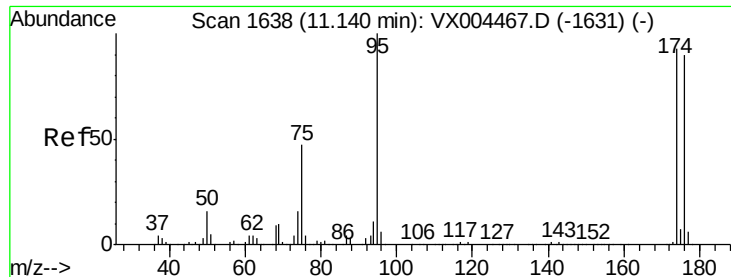
98 100

100 64.1 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 42.01 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004643.D

Acq: 18 Sep 2018 02:12

Instrument :

MSVOA_X

ClientSampleId :

PHASE-2

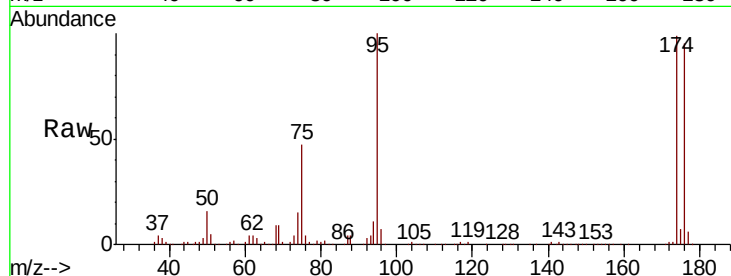
Tot Ion: 95 Resp: 147047

Ion Ratio Lower Upper

95 100

174 98.1 0.0 185.2

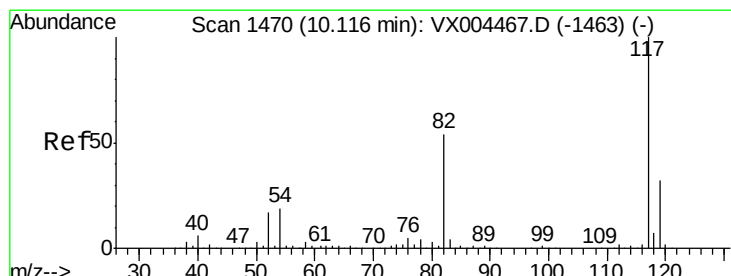
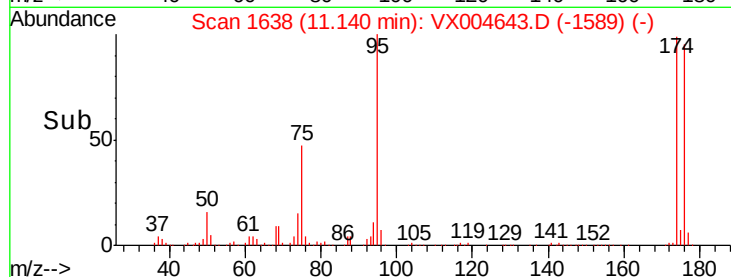
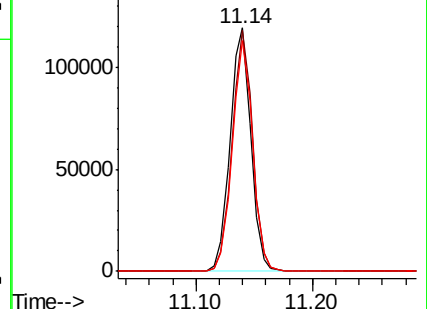
176 93.8 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX004467.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX004467.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX004467.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX004643.D

Acq: 18 Sep 2018 02:12

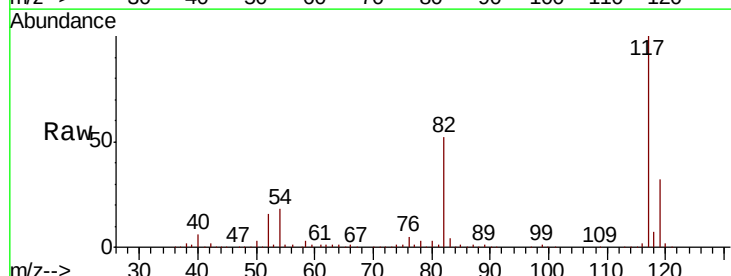
Tgt Ion: 117 Resp: 294473

Ion Ratio Lower Upper

117 100

82 52.2 47.8 71.6

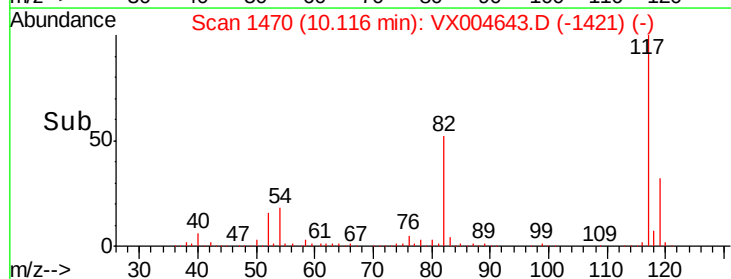
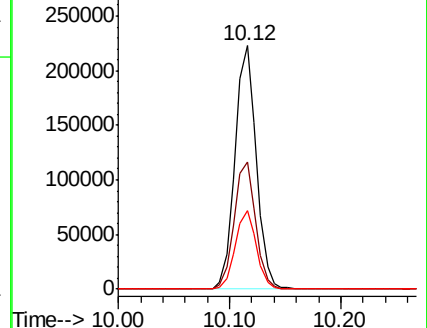
119 32.4 29.3 43.9

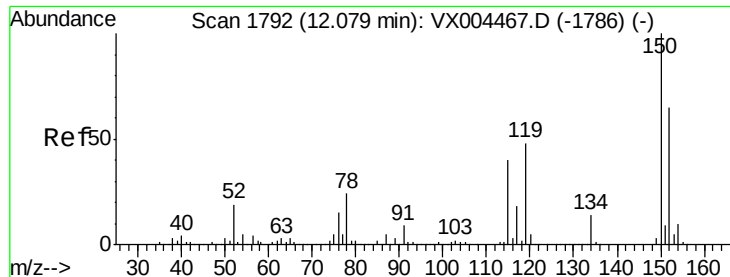


Abundance Ion 116.90 (116.60 to 117.60): VX004467.D (-1463) (-)

Ion 82.00 (81.70 to 82.70): VX004467.D (-1463) (-)

Ion 118.90 (118.60 to 119.60): VX004467.D (-1463) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004643.D

Acq: 18 Sep 2018 02:12

Instrument :

MSVOA_X

ClientSampleId :

PHASE-2

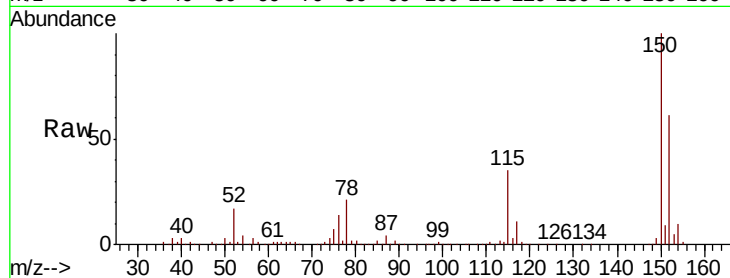
Tot Ion:152 Resp: 187796

Ion Ratio Lower Upper

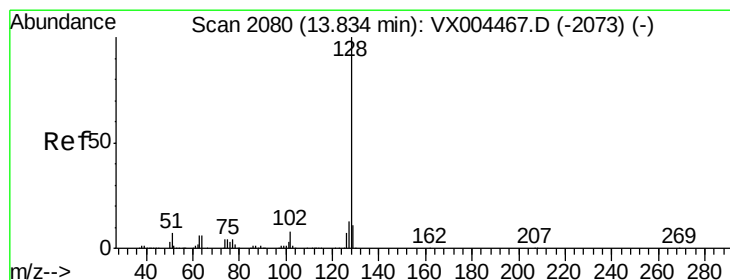
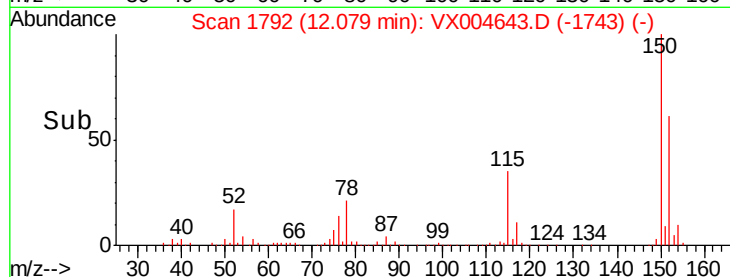
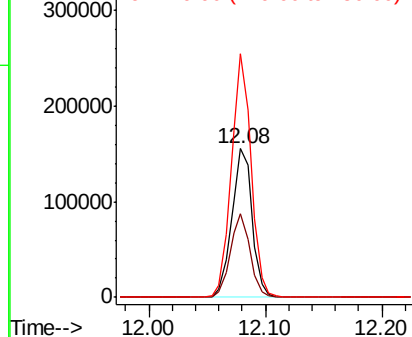
152 100

115 54.6 39.0 117.0

150 159.0 0.0 351.0



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: 2.51 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004643.D

Acq: 18 Sep 2018 02:12

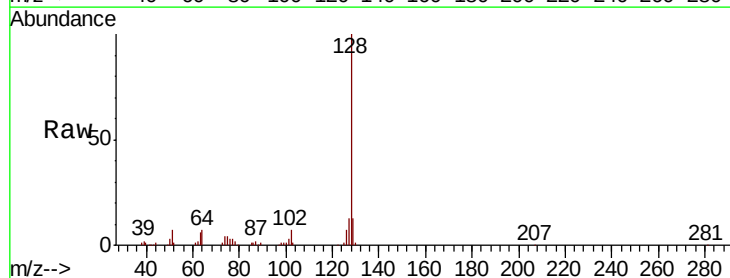
Tgt Ion:128 Resp: 32241

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 11.5 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

