

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082118\
 Data File : VX004183.D
 Acq On : 21 Aug 2018 18:30
 Operator : JC/MD
 Sample : J4275-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CL-01-082018-D

Quant Time: Aug 22 01:54:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	272570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	449992	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	428746	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	224907	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	200628	52.24	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.48%	
35) Dibromofluoromethane	5.51	113	171038	50.79	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.58%	
50) Toluene-d8	8.71	98	644933	47.23	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.46%	
62) 4-Bromofluorobenzene	11.14	95	217797	43.98	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	87.96%	

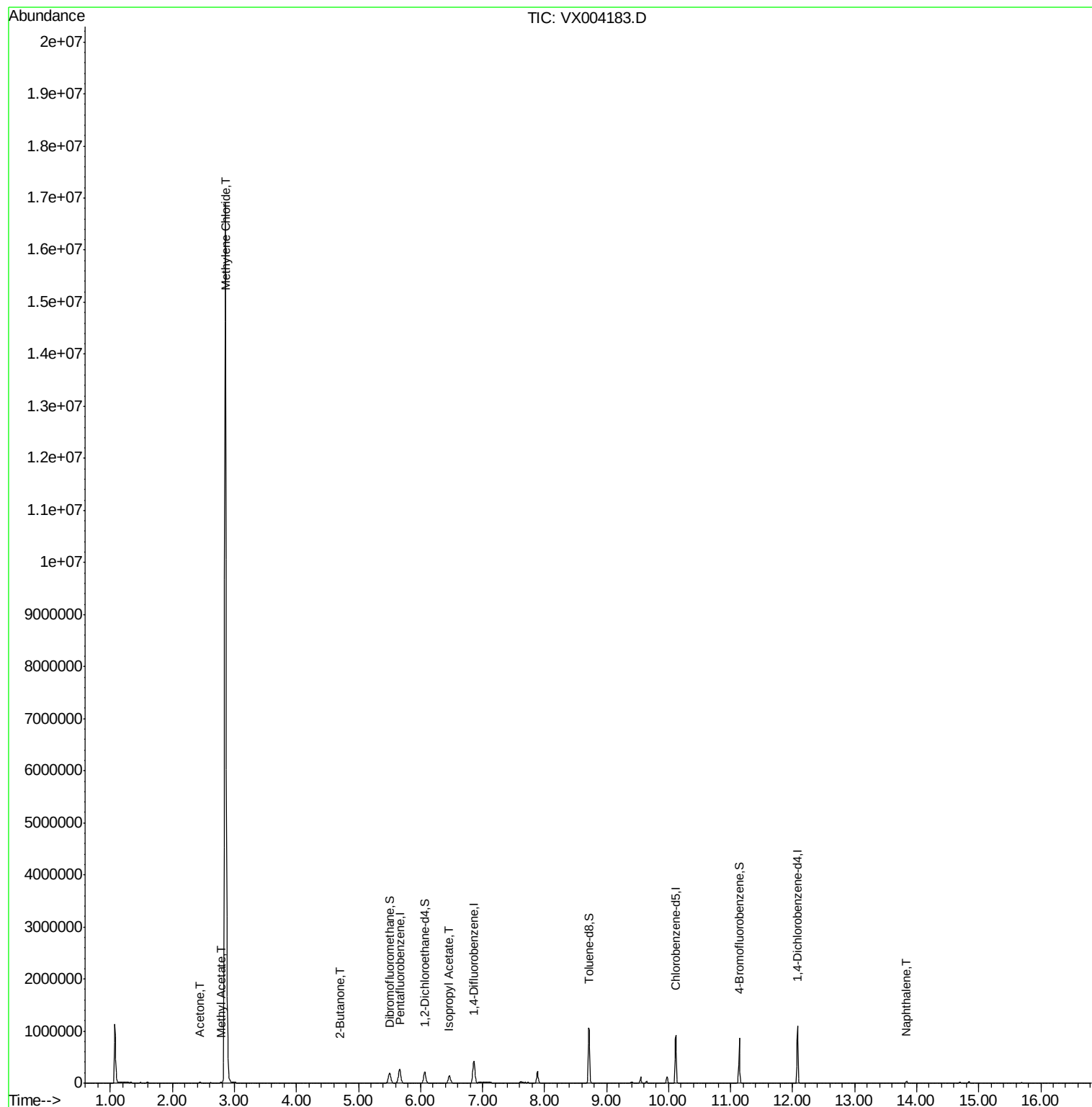
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	19048	9.54	ug/l	99
18) Methyl Acetate	2.78	43	9004	2.03	ug/l	98
20) Methylene Chloride	2.85	84	7761606	2406.91	ug/l	95
25) 2-Butanone	4.70	43	4461	1.37	ug/l #	88
43) Isopropyl Acetate	6.46	43	183099	22.28	ug/l	100
95) Naphthalene	13.83	128	25289	2.72	ug/l	99

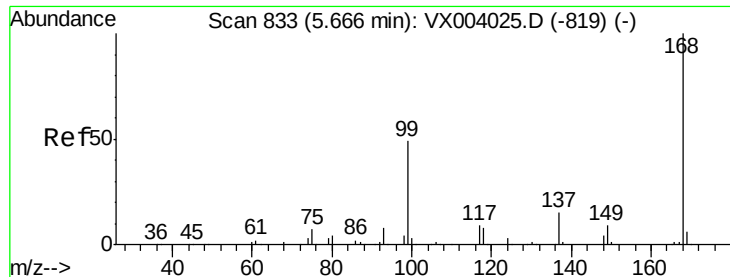
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX004183.D

Acq: 21 Aug 2018 18:30

Instrument :

MSVOA_X

ClientSampleId :

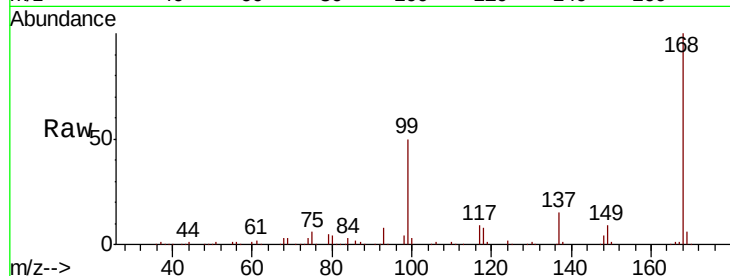
CL-01-082018-D

Tot Ion:168 Resp: 272570

Ion Ratio Lower Upper

168 100

99 49.7 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): VX004025.D (-819) (-)

Ion 98.90 (98.60 to 99.60): VX004025.D (-819) (-)

5.67

100000

80000

60000

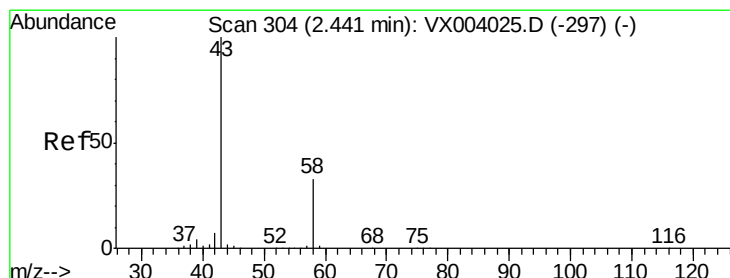
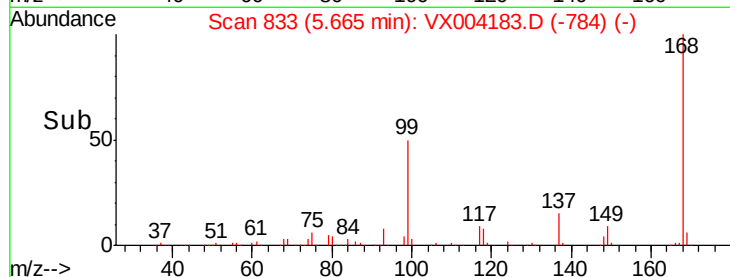
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 9.54 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.01 min

Lab File: VX004183.D

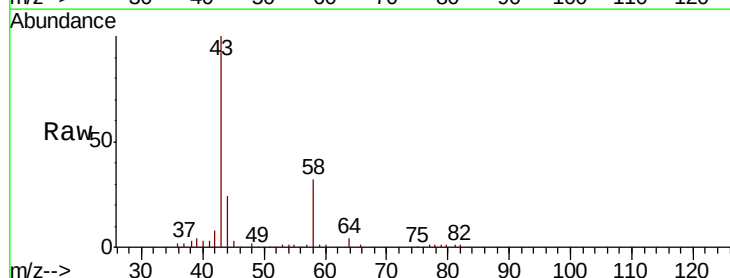
Acq: 21 Aug 2018 18:30

Tgt Ion: 43 Resp: 19048

Ion Ratio Lower Upper

43 100

58 32.3 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX004025.D (-297) (-)

Ion 58.00 (57.70 to 58.70): VX004025.D (-297) (-)

2.45

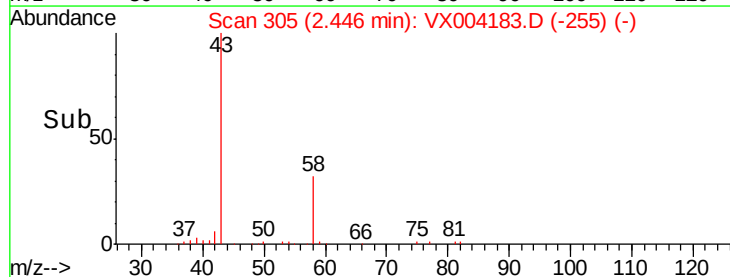
10000

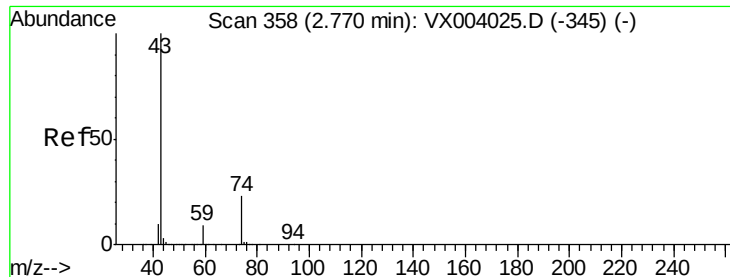
5000

0

Time-->

2.40 2.50





#18

Methvl Acetate

Concen: 2.03 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.01 min

Lab File: VX004183.D

Acq: 21 Aug 2018 18:30

Instrument :

MSVOA_X

ClientSampleId :

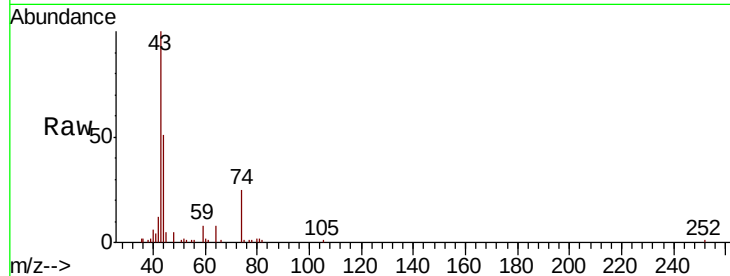
CL-01-082018-D

Tot Ion: 43 Resp: 9004

Ion Ratio Lower Upper

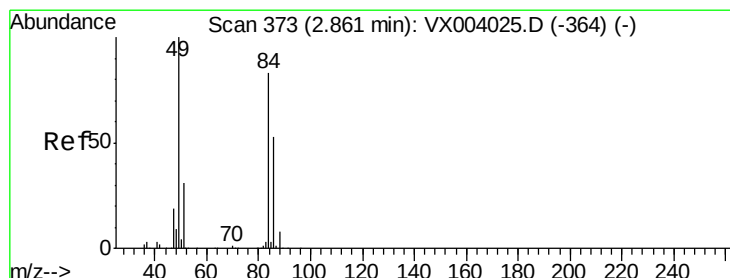
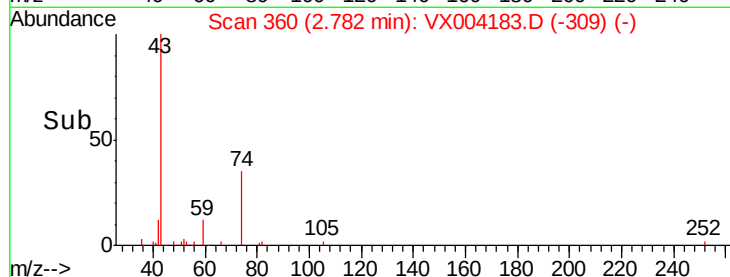
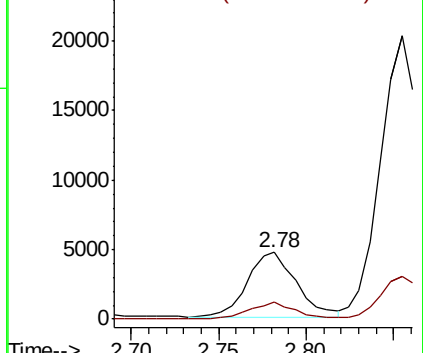
43 100

74 24.6 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#20

Methylene Chloride

Concen: 2406.91 ug/l

RT: 2.85 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX004183.D

Acq: 21 Aug 2018 18:30

Tgt Ion: 84 Resp: 7761606

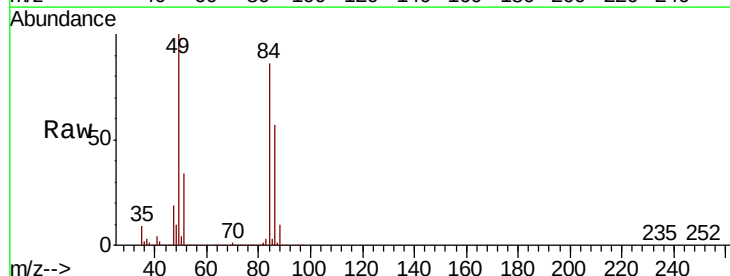
Ion Ratio Lower Upper

84 100

49 116.7 98.9 148.3

51 40.2 29.9 44.9

86 66.6 51.0 76.6

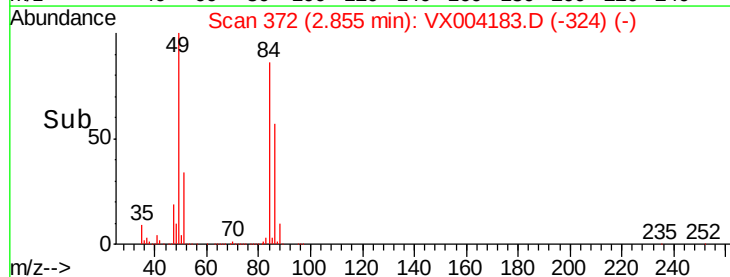
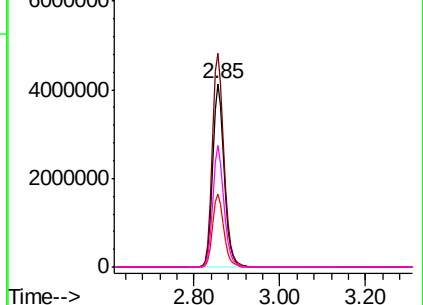


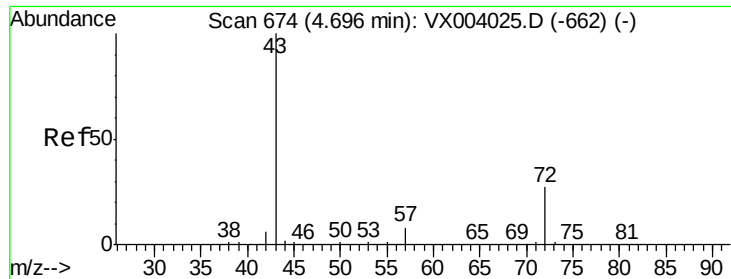
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#25

2-Butanone

Concen: 1.37 ug/l

RT: 4.70 min Scan# 675

Delta R.T. 0.01 min

Lab File: VX004183.D

Acq: 21 Aug 2018 18:30

Instrument :

MSVOA_X

ClientSampleId :

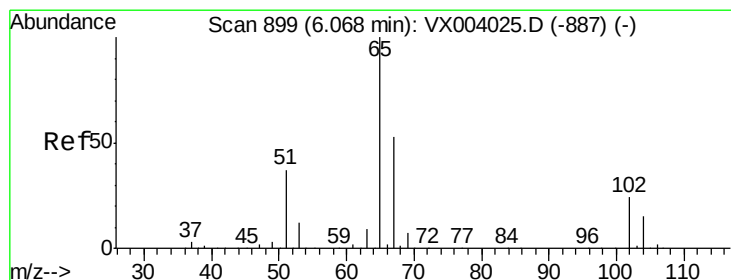
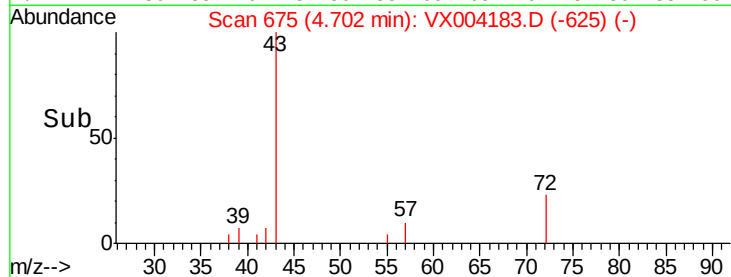
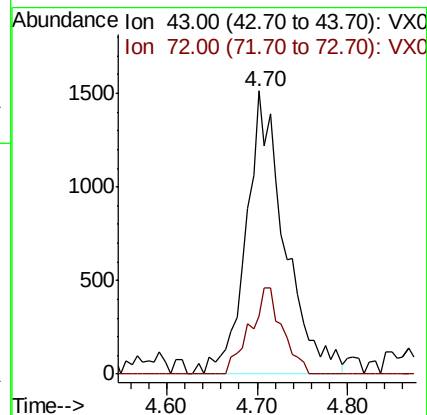
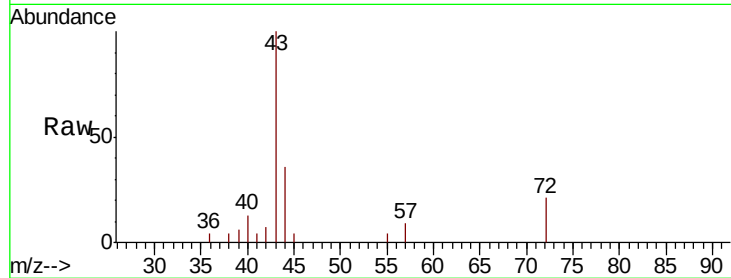
CL-01-082018-D

Tot Ion: 43 Resp: 4461

Ion Ratio Lower Upper

43 100

72 20.7 21.4 32.0#



#33

1,2-Dichloroethane-d4

Concen: 52.24 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004183.D

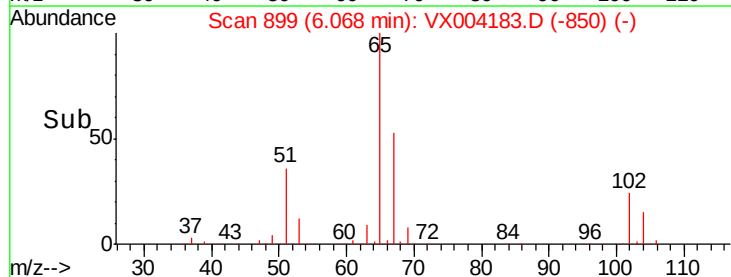
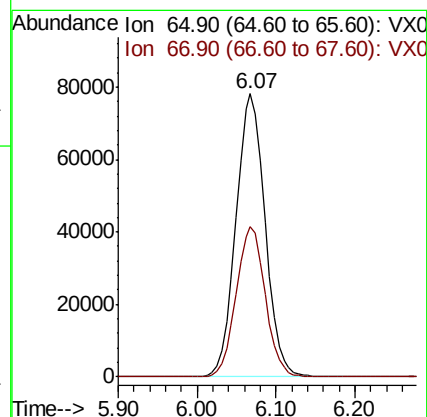
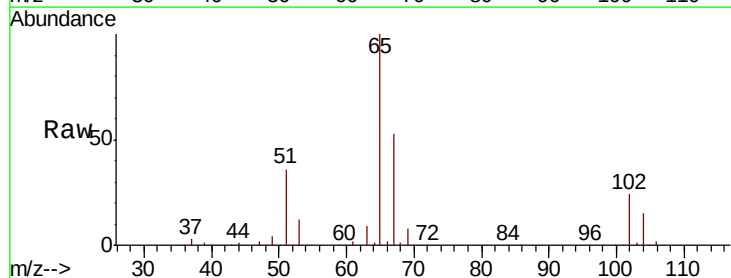
Acq: 21 Aug 2018 18:30

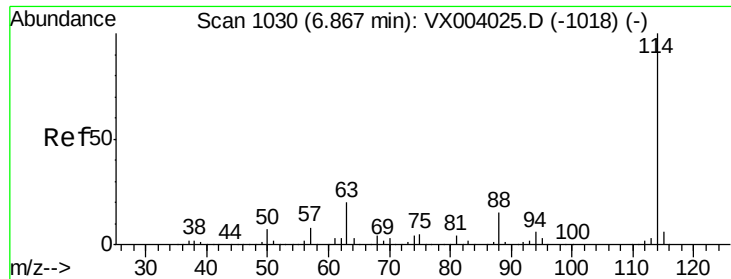
Tgt Ion: 65 Resp: 200628

Ion Ratio Lower Upper

65 100

67 53.0 0.0 105.8

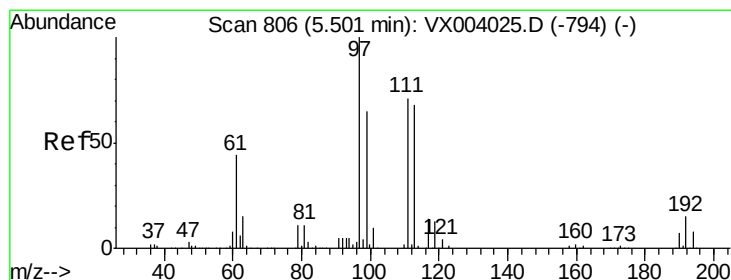
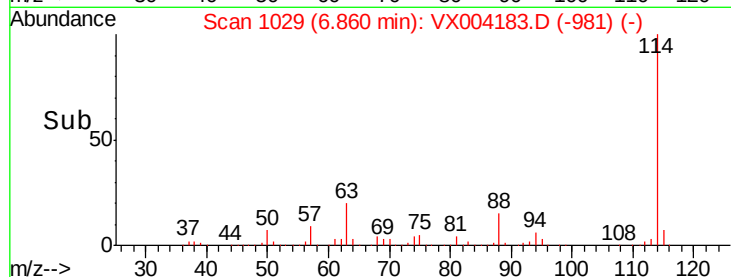
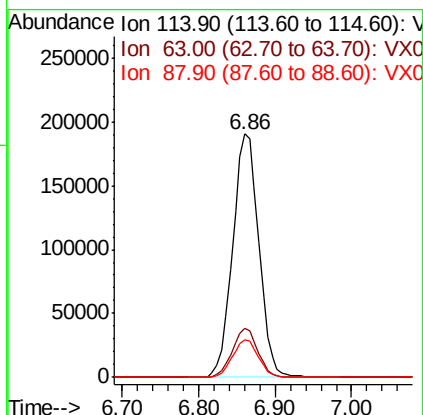
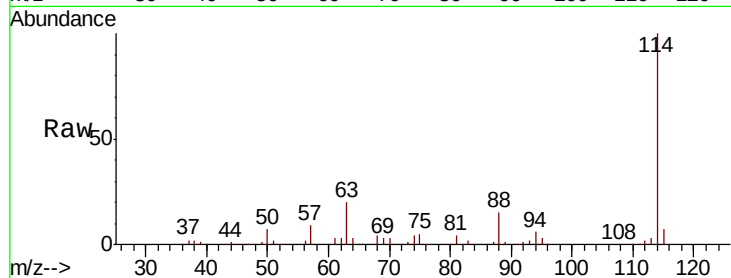




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX004183.D
 Acq: 21 Aug 2018 18:30

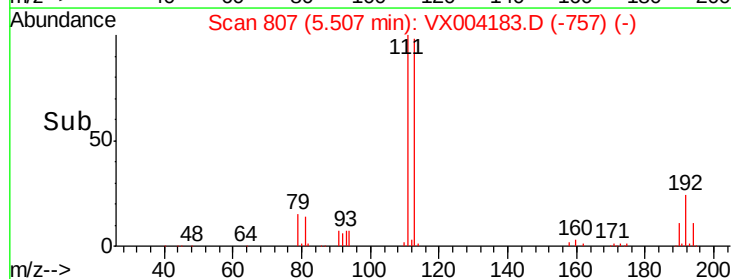
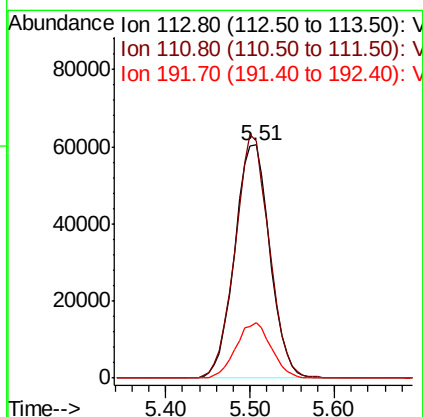
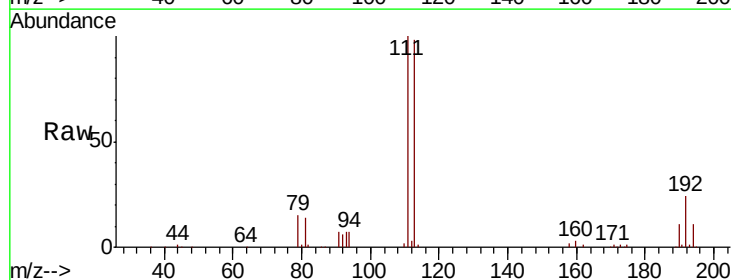
Instrument :
 MSVOA_X
 ClientSampleId :
 CL-01-082018-D

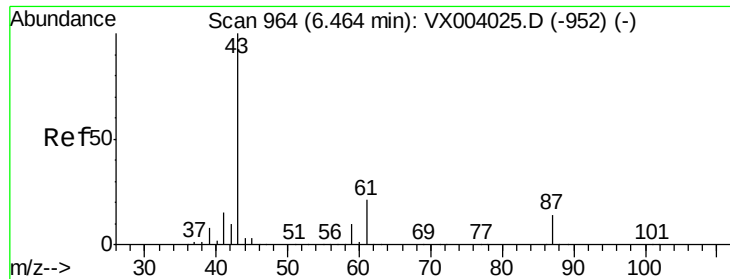
Tot Ion:114 Resp: 449992
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.0
 88 15.5 0.0 32.0



#35
 Dibromofluoromethane
 Concen: 50.79 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX004183.D
 Acq: 21 Aug 2018 18:30

Tgt Ion:113 Resp: 171038
 Ion Ratio Lower Upper
 113 100
 111 101.0 82.0 123.0
 192 23.7 19.0 28.4





#43

Isopropyl Acetate

Concen: 22.28 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004183.D

Acq: 21 Aug 2018 18:30

Instrument :

MSVOA_X

ClientSampleId :

CL-01-082018-D

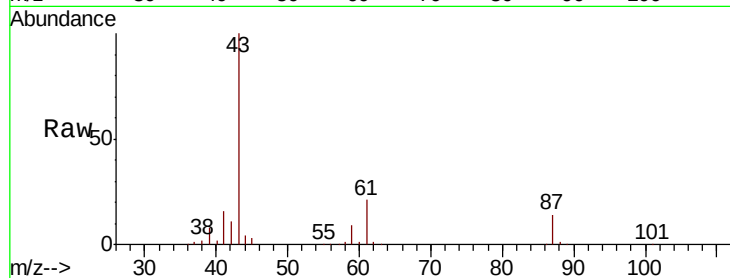
Tot Ion: 43 Resp: 183099

Ion Ratio Lower Upper

43 100

61 21.2 16.9 25.3

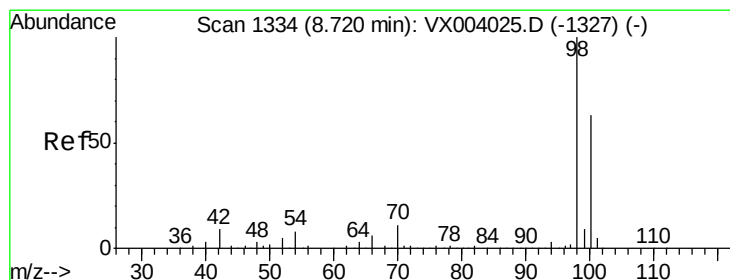
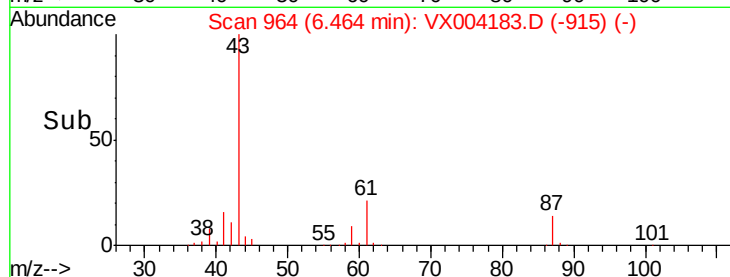
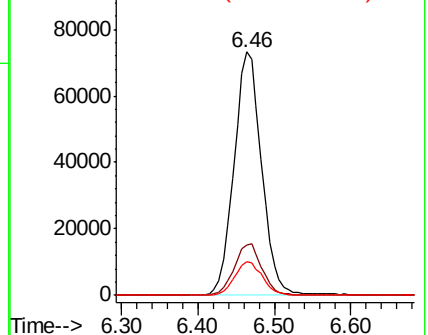
87 13.8 11.3 16.9



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: 47.23 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. -0.01 min

Lab File: VX004183.D

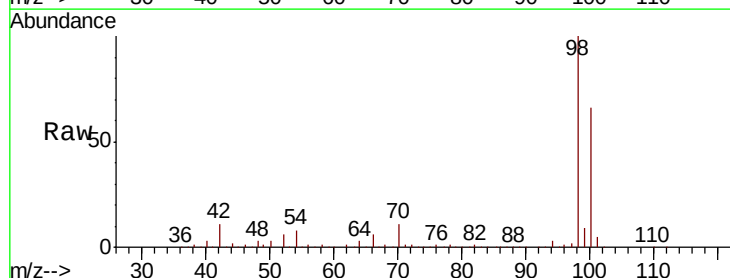
Acq: 21 Aug 2018 18:30

Tgt Ion: 98 Resp: 644933

Ion Ratio Lower Upper

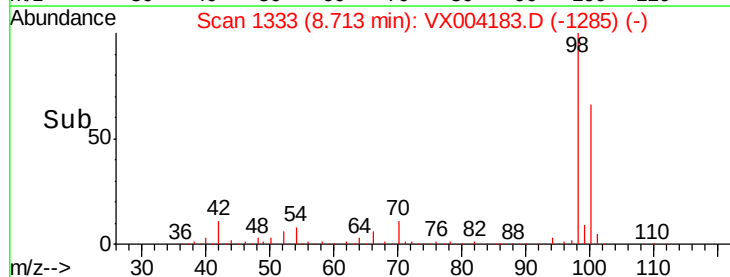
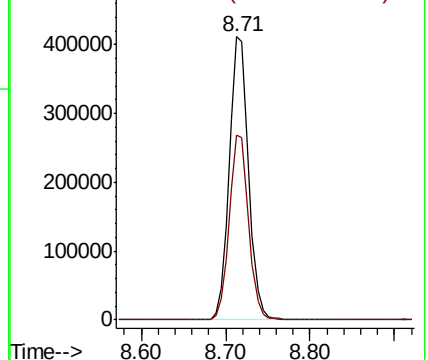
98 100

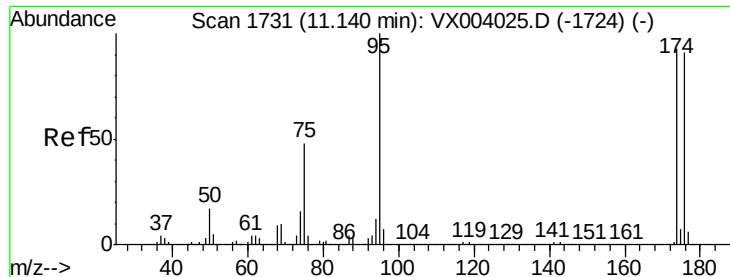
100 65.4 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

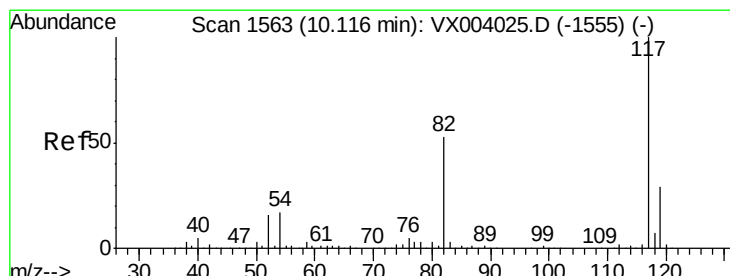
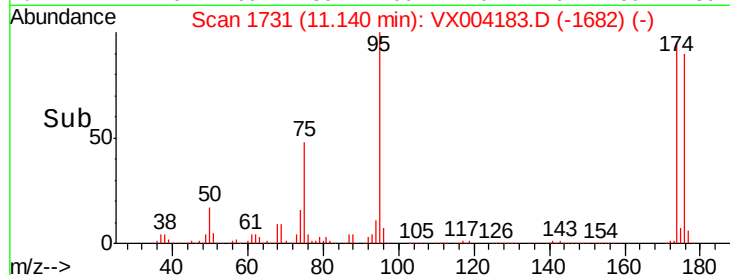
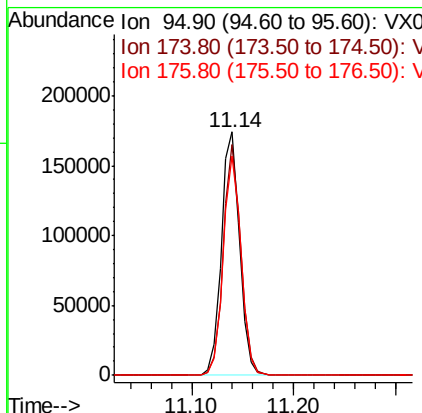
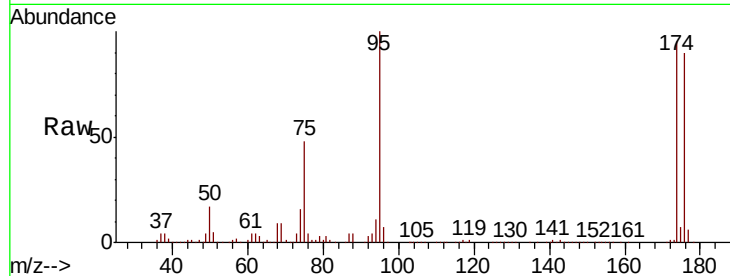




#62
4-Bromofluorobenzene
Concen: 43.98 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004183.D
Acq: 21 Aug 2018 18:30

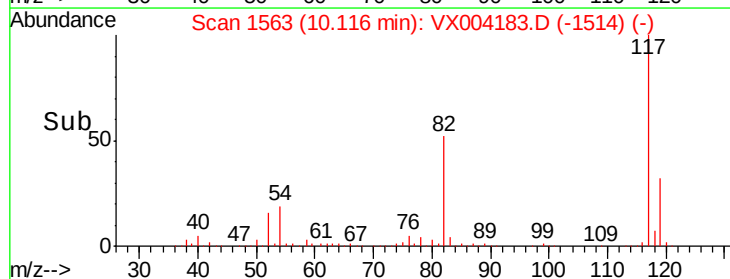
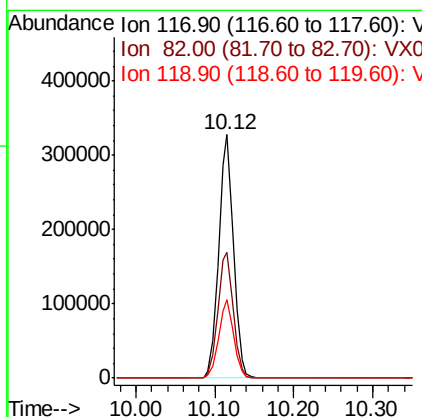
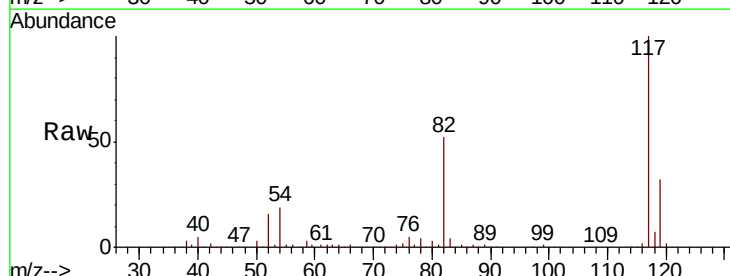
Instrument :
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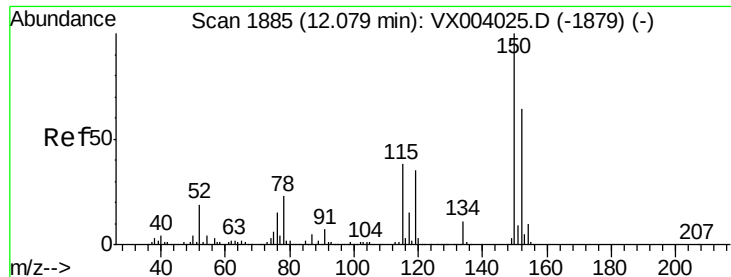
Tot Ion	95	Resp	217797
Ion Ratio	Lower	Upper	
95	100		
174	91.0	0.0	182.8
176	88.2	0.0	179.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004183.D
Acq: 21 Aug 2018 18:30

Tgt Ion	117	Resp	428746
Ion Ratio	Lower	Upper	
117	100		
82	51.8	45.4	68.0
119	32.2	26.6	40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004183.D

Acq: 21 Aug 2018 18:30

Instrument :

MSVOA_X

ClientSampleId :

CL-01-082018-D

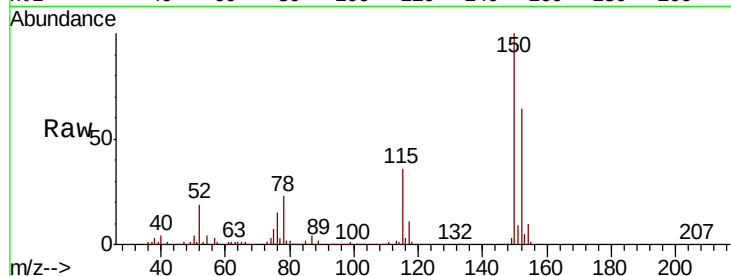
Tot Ion:152 Resp: 224907

Ion Ratio Lower Upper

152 100

115 55.2 39.1 117.3

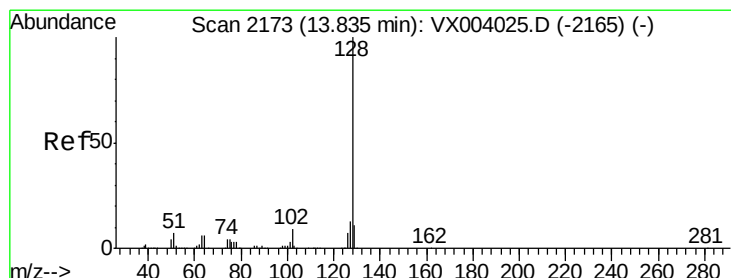
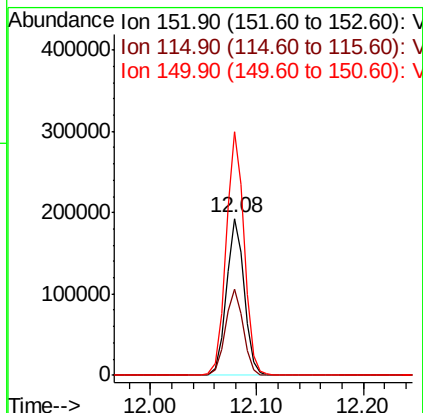
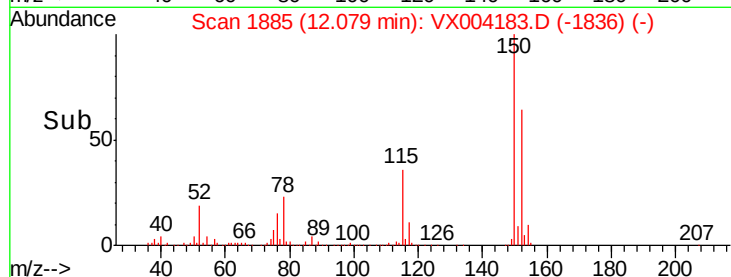
150 157.0 0.0 349.2



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: 2.72 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX004183.D

Acq: 21 Aug 2018 18:30

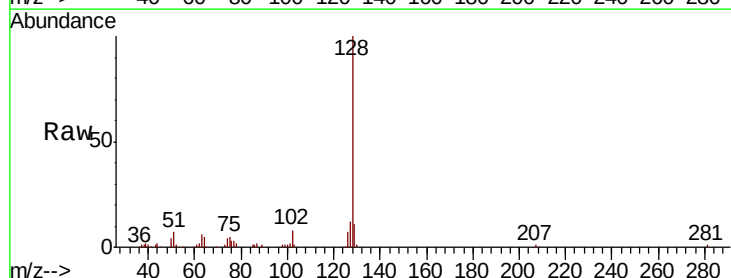
Tgt Ion:128 Resp: 25289

Ion Ratio Lower Upper

128 100

127 12.3 10.2 15.2

129 11.4 8.8 13.2



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

