

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091918\
 Data File : VX004713.D
 Acq On : 19 Sep 2018 18:33
 Operator : JC/MD
 Sample : J4975-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VNJ-220

Quant Time: Sep 20 04:45:20 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

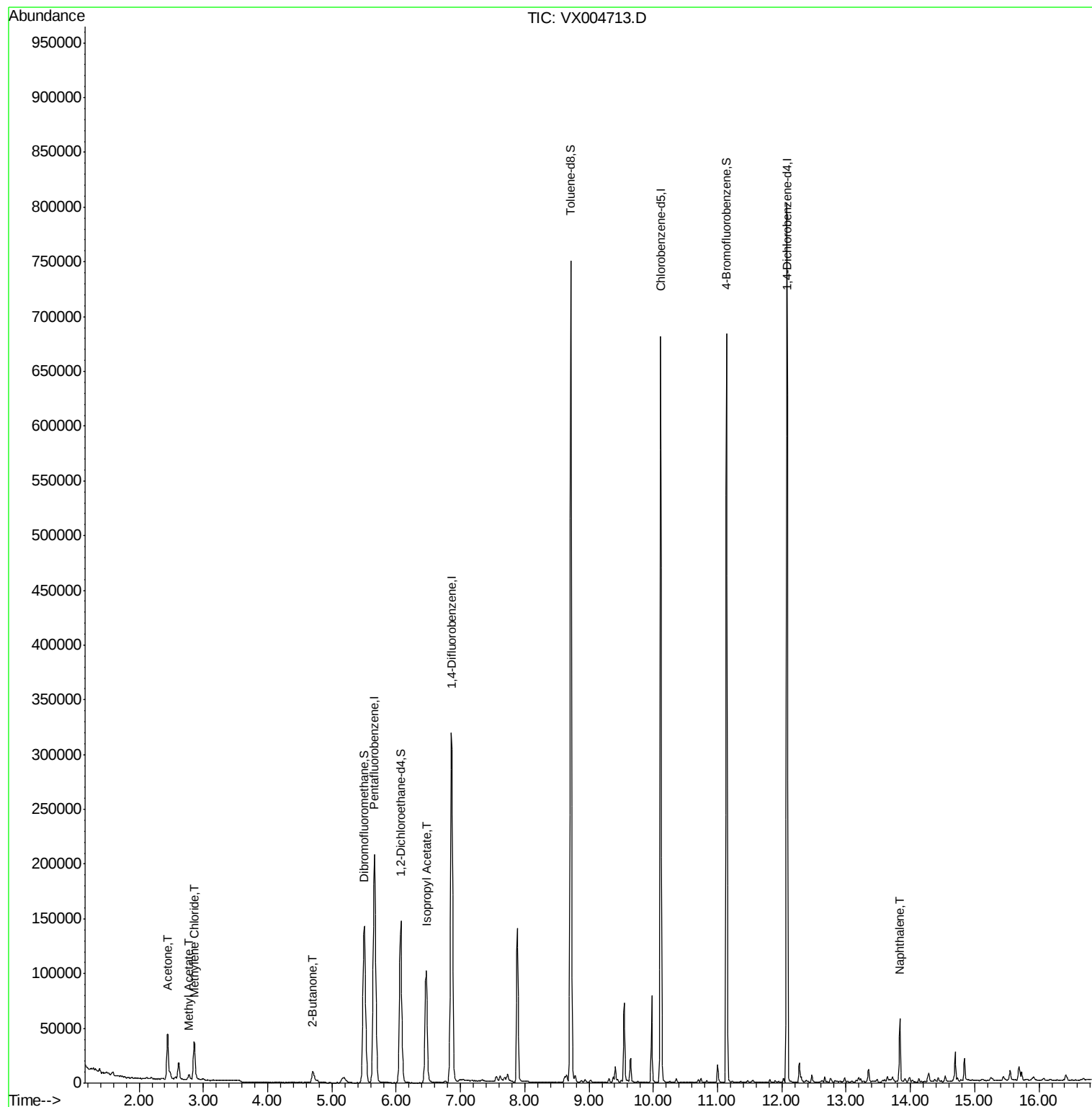
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	218900	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	335375	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	318085	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	174546	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	137261	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
35) Dibromofluoromethane	5.50	113	125073	40.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.50%	
50) Toluene-d8	8.71	98	470145	45.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.36%	
62) 4-Bromofluorobenzene	11.14	95	166827	45.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.82%	
Target Compounds						
16) Acetone	2.44	43	44741	32.48	ug/l	98
18) Methyl Acetate	2.78	43	5408	1.40	ug/l	94
20) Methylene Chloride	2.85	84	17053	6.03	ug/l	98
25) 2-Butanone	4.70	43	18216	8.31	ug/l	100
43) Isopropyl Acetate	6.47	43	133639	21.73	ug/l	99
95) Naphthalene	13.83	128	36699	3.08	ug/l	99

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

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Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX004713.D

Acq: 19 Sep 2018 18:33

Instrument :

MSVOA_X

ClientSampleId :

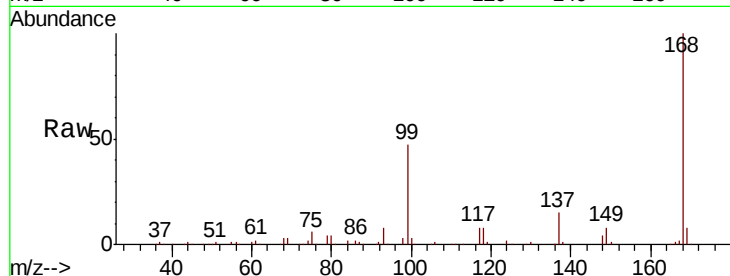
VNJ-220

Tot Ion:168 Resp: 218900

Ion Ratio Lower Upper

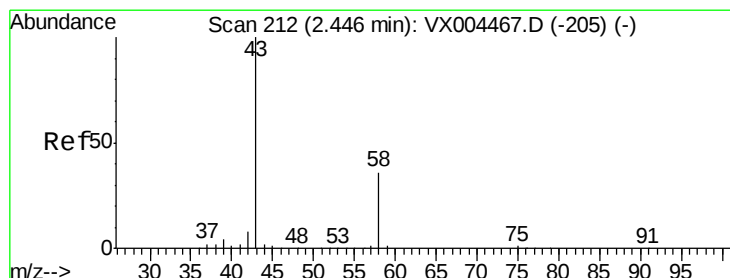
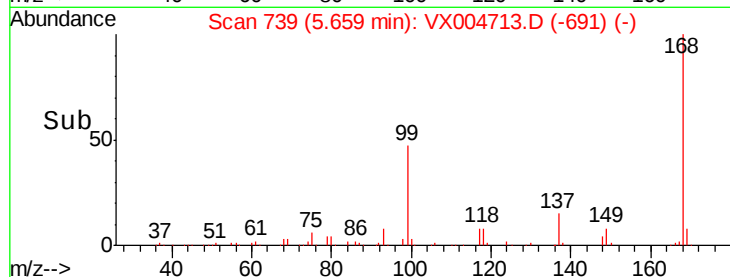
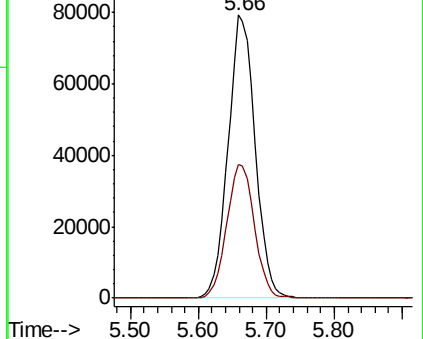
168 100

99 47.1 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 32.48 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX004713.D

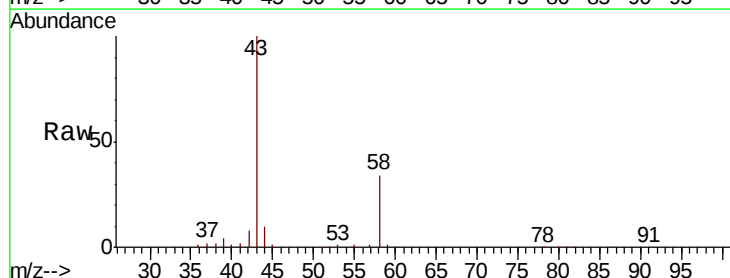
Acq: 19 Sep 2018 18:33

Tgt Ion: 43 Resp: 44741

Ion Ratio Lower Upper

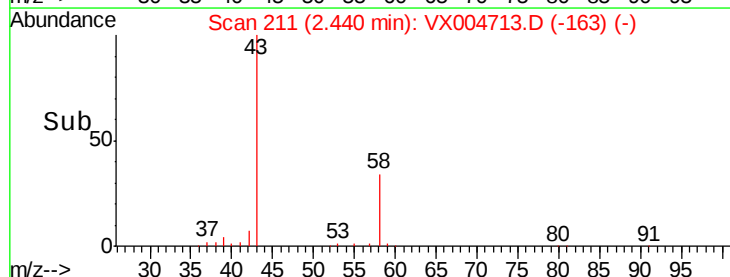
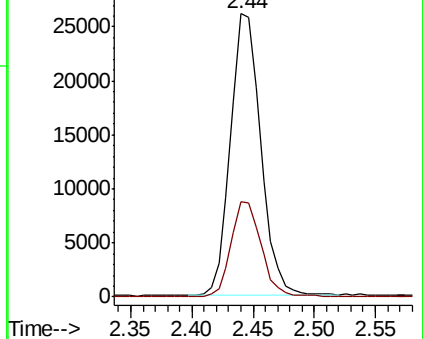
43 100

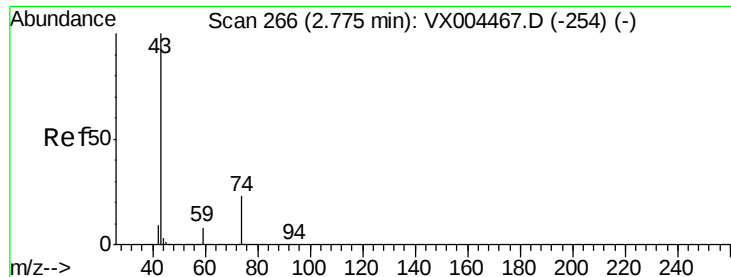
58 34.0 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

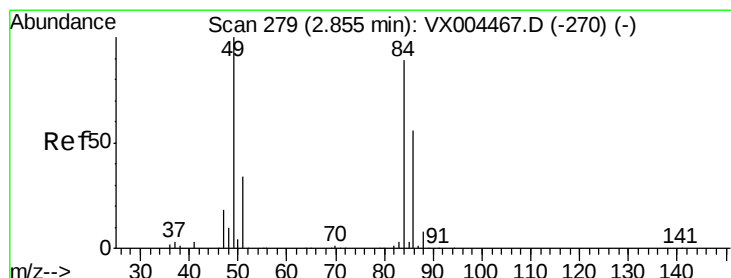
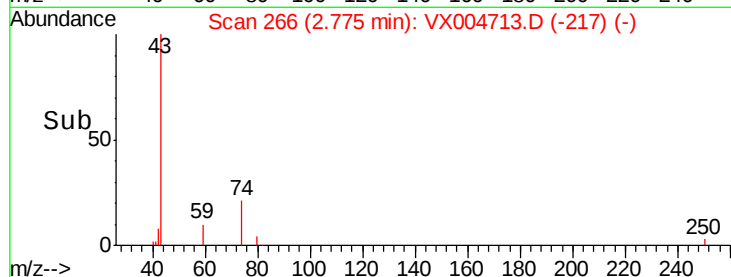
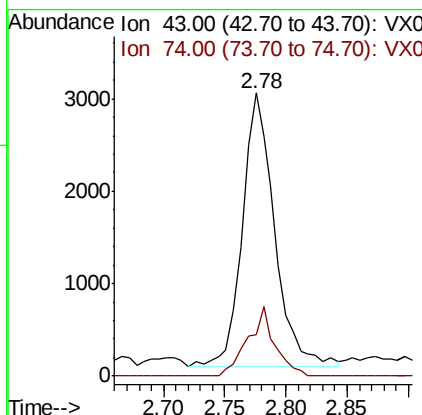
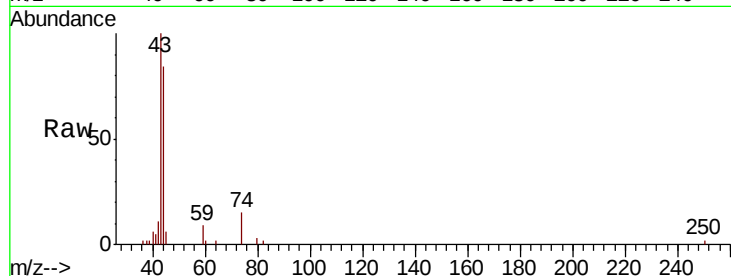




#18
Methvl Acetate
Concen: 1.40 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX004713.D
Acq: 19 Sep 2018 18:33

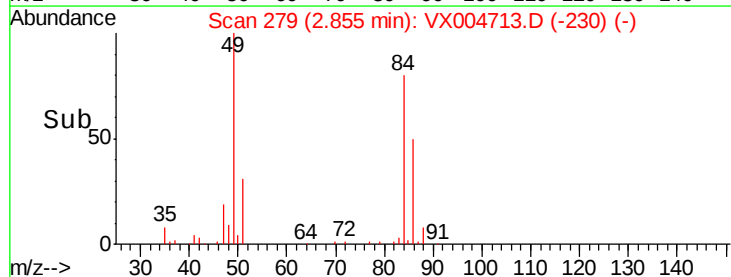
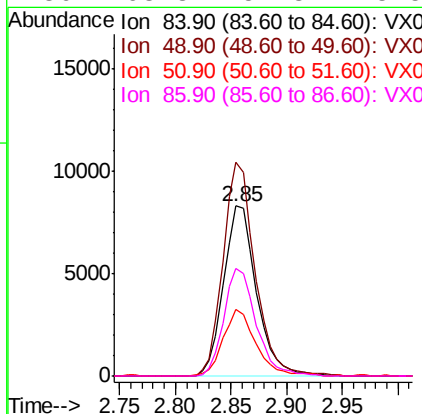
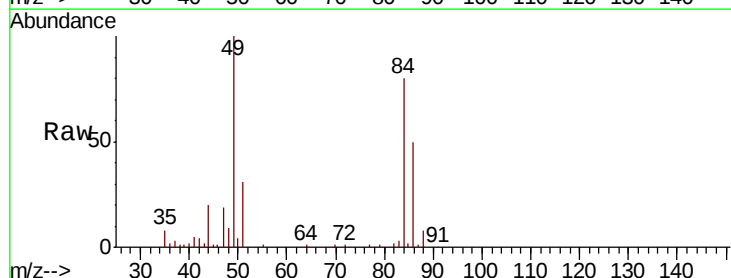
Instrument :
MSVOA_X
ClientSampleId :
VNJ-220

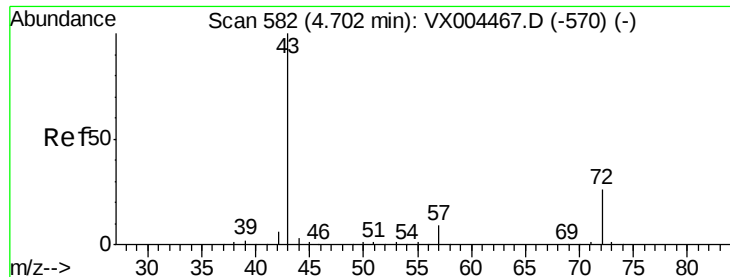
Tot Ion: 43 Resp: 5408
Ion Ratio Lower Upper
43 100
74 21.2 19.4 29.2



#20
Methylene Chloride
Concen: 6.03 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004713.D
Acq: 19 Sep 2018 18:33

Tgt Ion: 84 Resp: 17053
Ion Ratio Lower Upper
84 100
49 125.6 101.2 151.8
51 38.8 29.5 44.3
86 63.3 52.3 78.5





#25

2-Butanone

Concen: 8.31 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX004713.D

Acq: 19 Sep 2018 18:33

Instrument :

MSVOA_X

ClientSampleId :

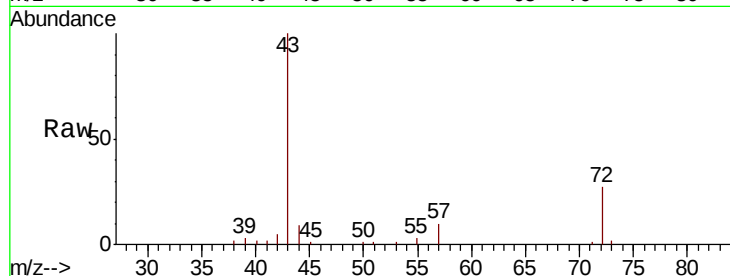
VNJ-220

Tot Ion: 43 Resp: 18216

Ion Ratio Lower Upper

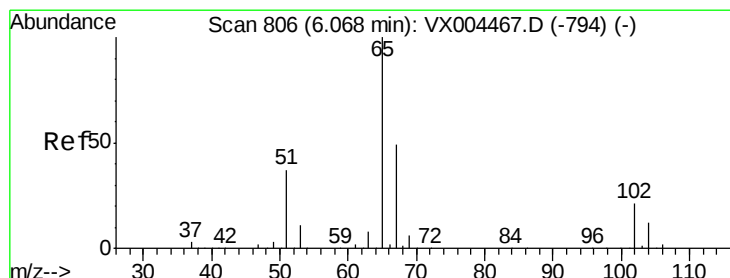
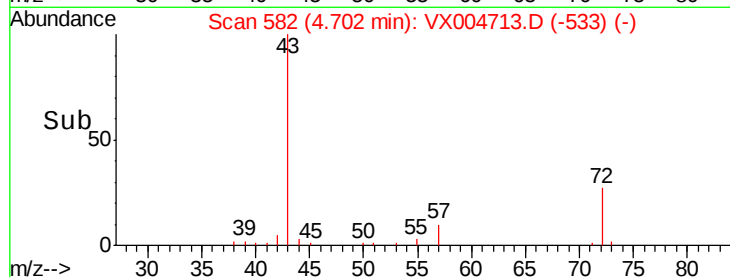
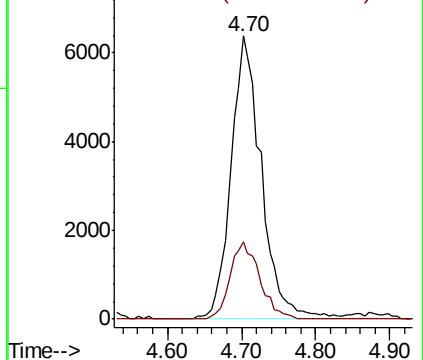
43 100

72 27.5 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.63 ug/l

RT: 6.07 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX004713.D

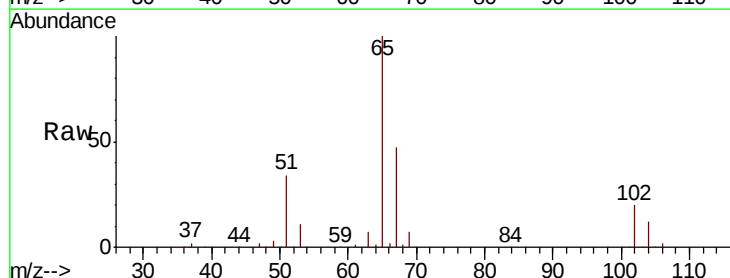
Acq: 19 Sep 2018 18:33

Tgt Ion: 65 Resp: 137261

Ion Ratio Lower Upper

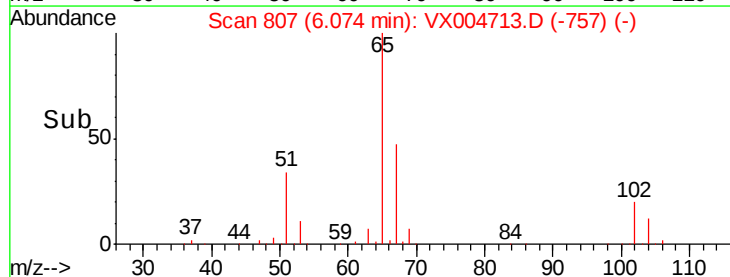
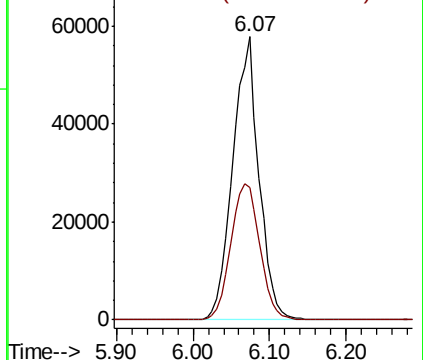
65 100

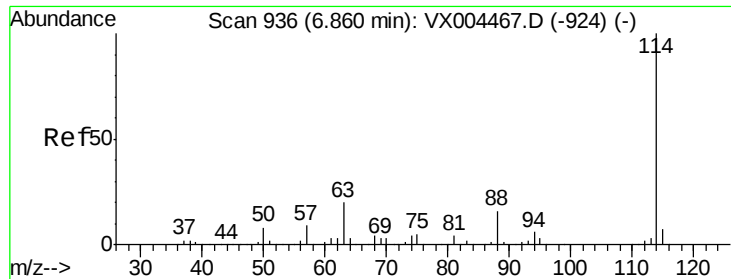
67 53.1 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

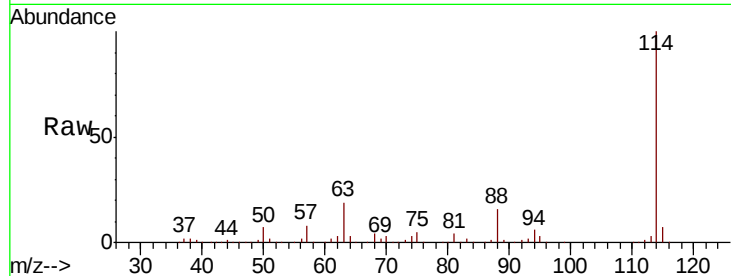




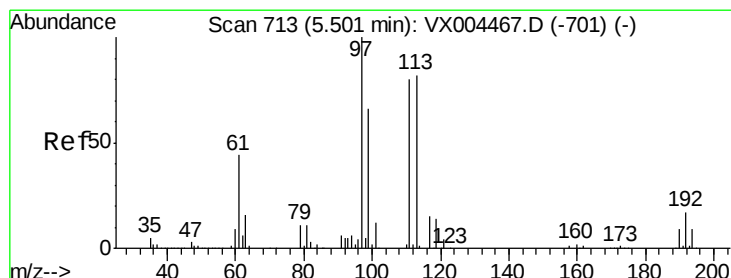
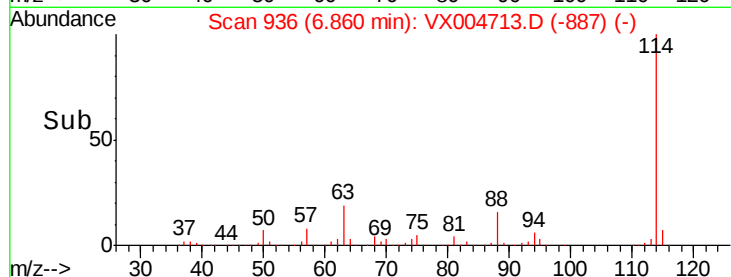
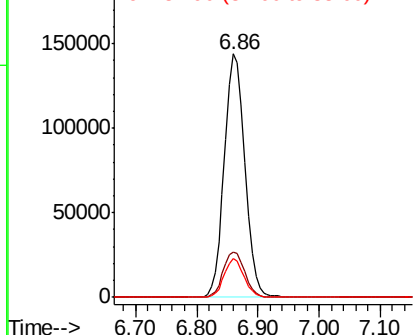
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004713.D
 Acq: 19 Sep 2018 18:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VNJ-220

Tot Ion:114 Resp: 335375
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.0
 88 15.9 0.0 30.4

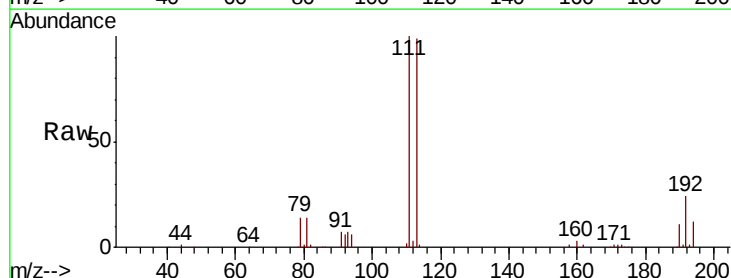


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

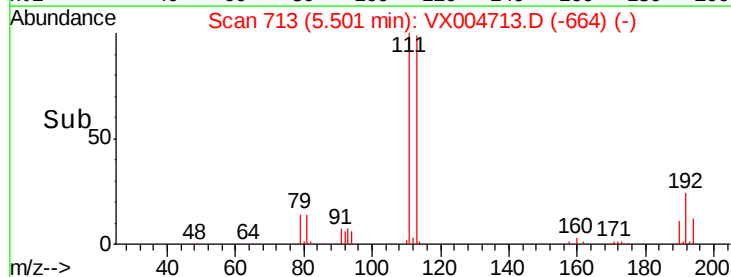
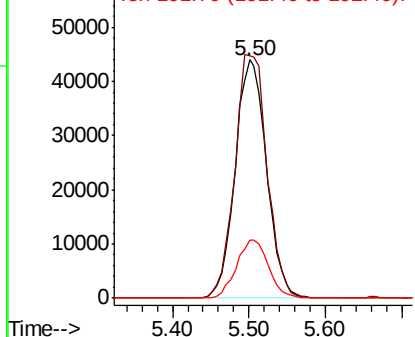


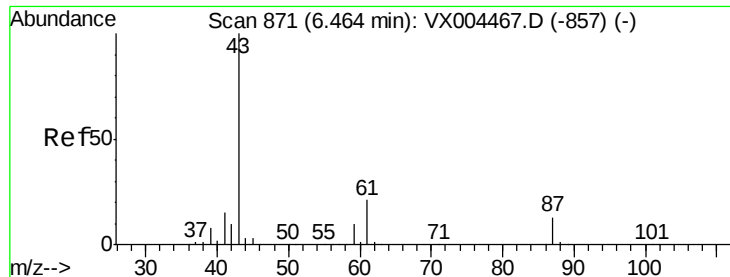
#35
 Dibromofluoromethane
 Concen: 40.75 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004713.D
 Acq: 19 Sep 2018 18:33

Tgt Ion:113 Resp: 125073
 Ion Ratio Lower Upper
 113 100
 111 104.7 82.4 123.6
 192 24.7 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: 21.73 ug/l

RT: 6.47 min Scan# 872

Delta R.T. 0.01 min

Lab File: VX004713.D

Acq: 19 Sep 2018 18:33

Instrument :

MSVOA_X

ClientSampleId :

VNJ-220

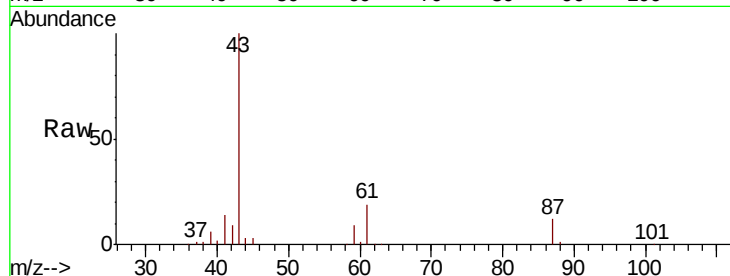
Tot Ion: 43 Resp: 133639

Ion Ratio Lower Upper

43 100

61 21.0 17.0 25.4

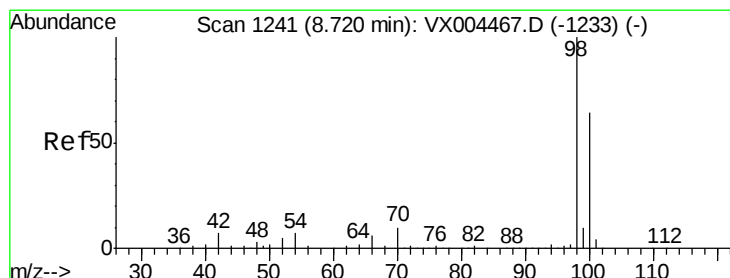
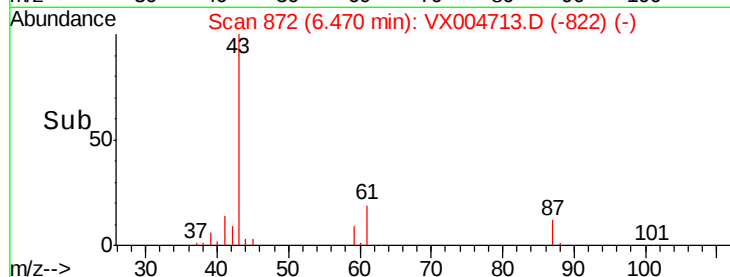
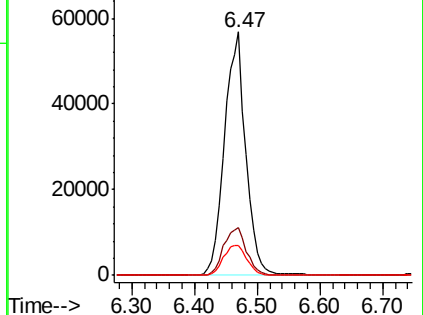
87 13.7 11.4 17.2



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: 45.68 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004713.D

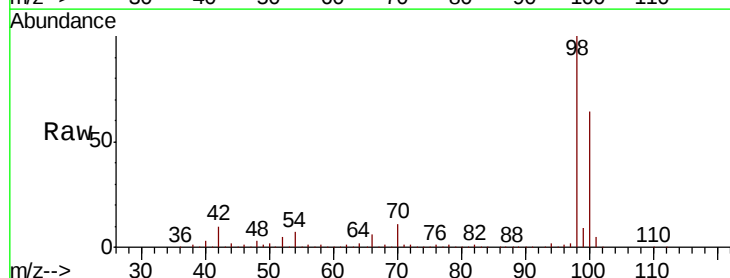
Acq: 19 Sep 2018 18:33

Tgt Ion: 98 Resp: 470145

Ion Ratio Lower Upper

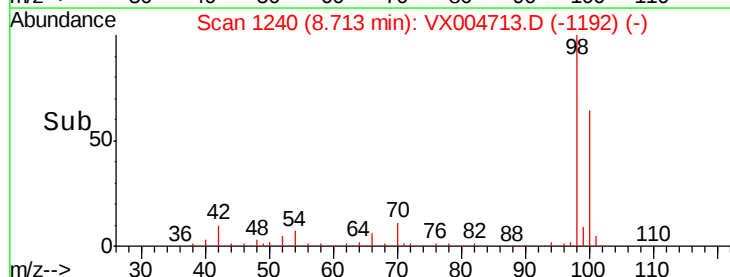
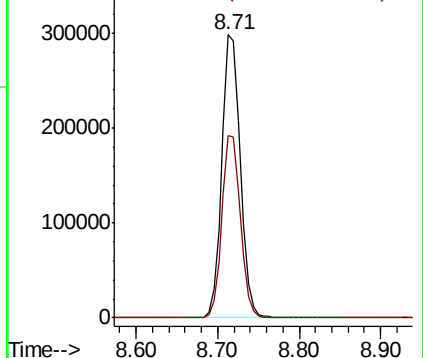
98 100

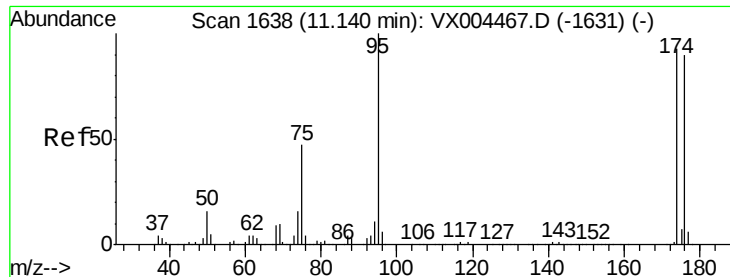
100 64.4 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 45.41 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004713.D

Acq: 19 Sep 2018 18:33

Instrument :

MSVOA_X

ClientSampleId :

VNJ-220

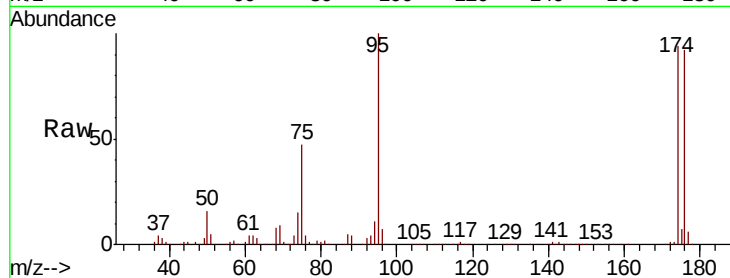
Tot Ion: 95 Resp: 166827

Ion Ratio Lower Upper

95 100

174 94.4 0.0 185.2

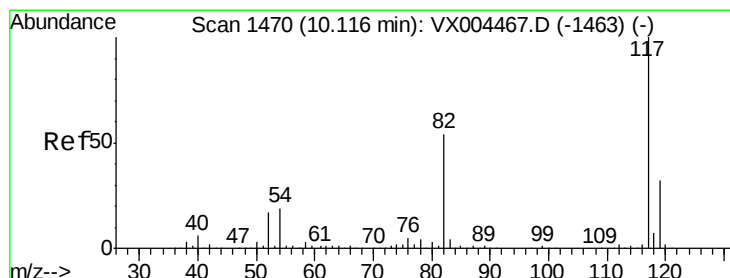
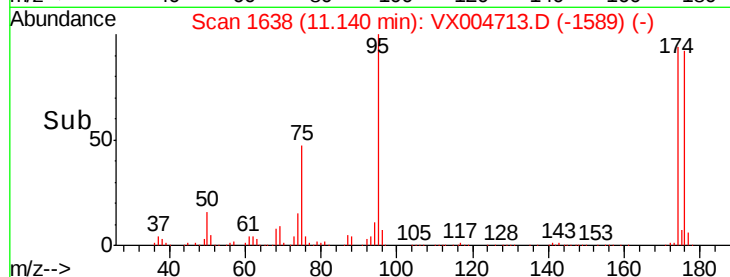
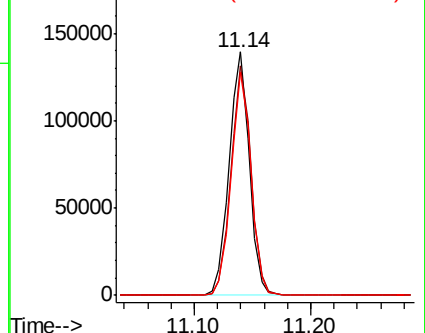
176 91.1 0.0 178.6



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: VX004713.D

Acq: 19 Sep 2018 18:33

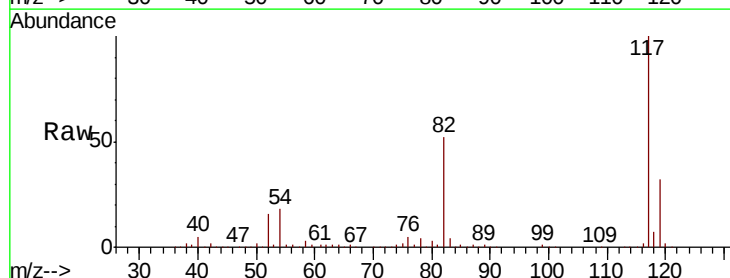
Tgt Ion: 117 Resp: 318085

Ion Ratio Lower Upper

117 100

82 52.3 47.8 71.6

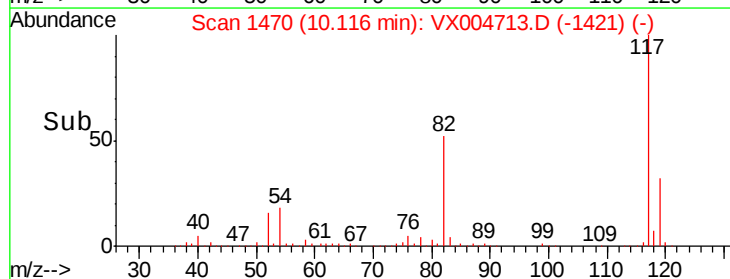
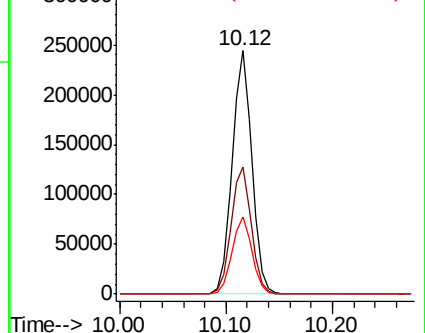
119 31.9 29.3 43.9

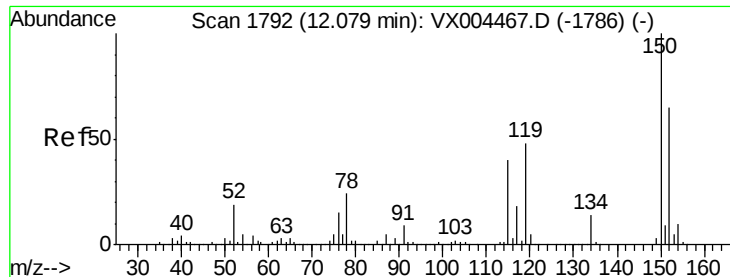


Abundance Ion 116.90 (116.60 to 117.60): VX004467.D (-1463) (-)

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: VX004713.D

Acq: 19 Sep 2018 18:33

Instrument :

MSVOA_X

ClientSampleId :

VNJ-220

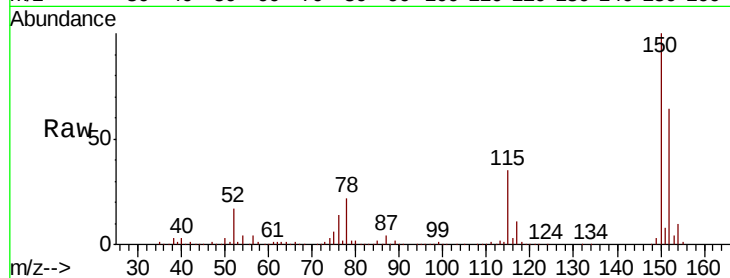
Tot Ion:152 Resp: 174546

Ion Ratio Lower Upper

152 100

115 54.5 39.0 117.0

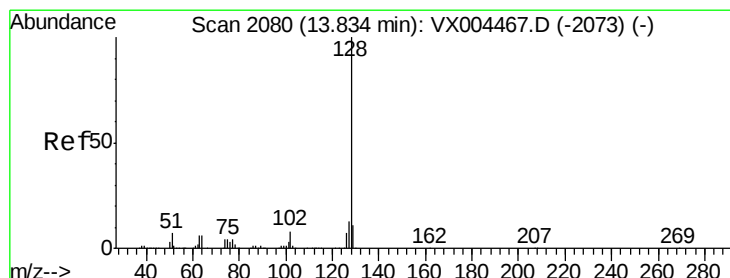
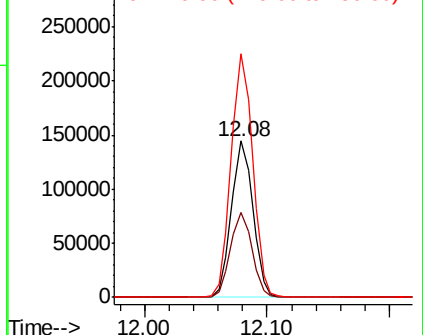
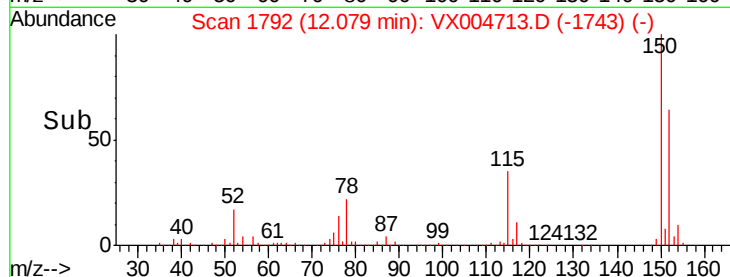
150 156.5 0.0 351.0



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: 3.08 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX004713.D

Acq: 19 Sep 2018 18:33

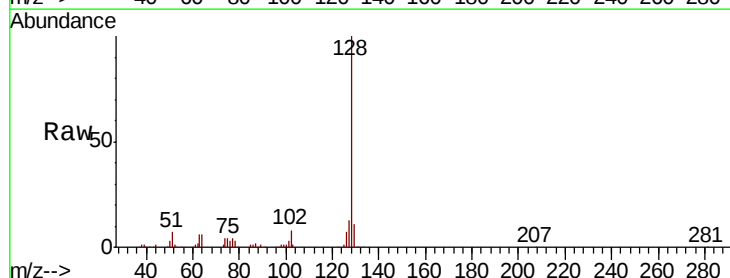
Tgt Ion:128 Resp: 36699

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

129 11.3 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

